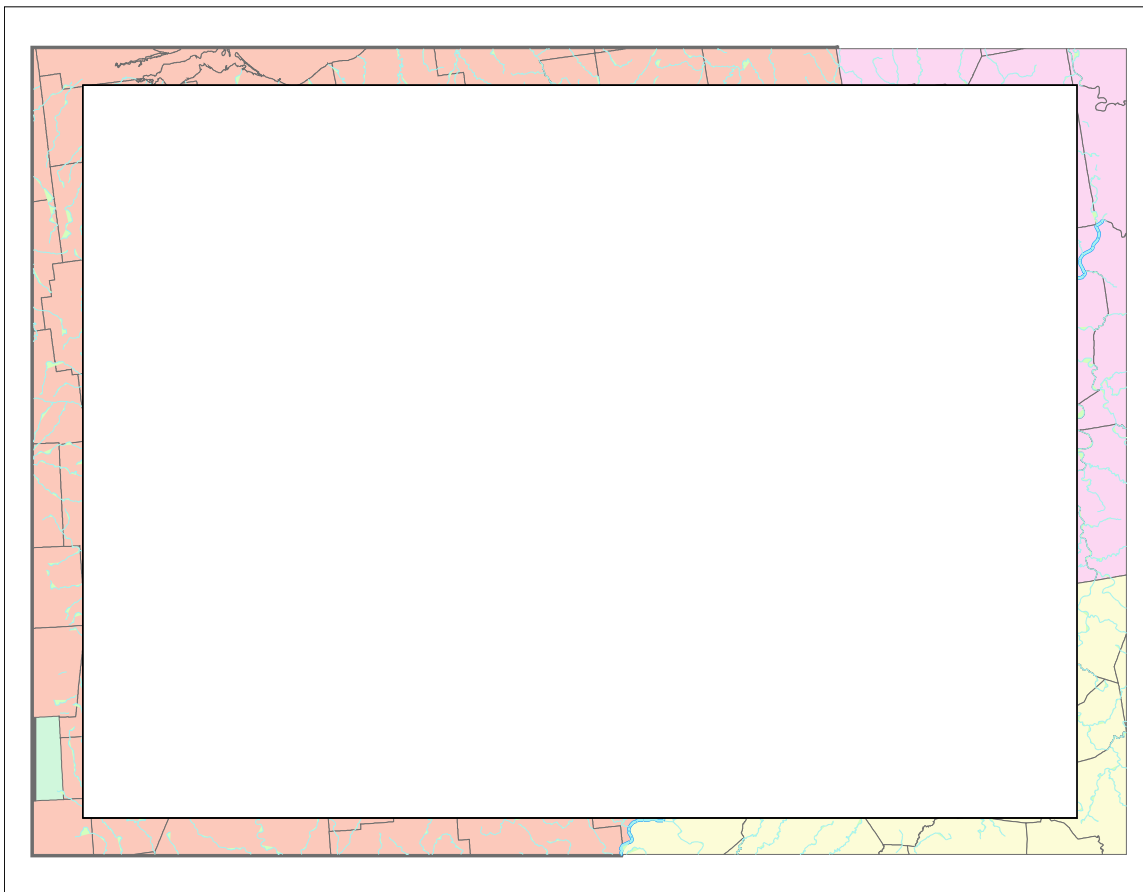




SE OHIO SUB-AREA SPILL RESPONSE PLAN

INITIAL INCIDENT ACTION PLAN (IAP)

Version: May 17, 2016



This Initial Incident Action Plan is developed to aid in initiating a timely and effective response to spills of oil and other hazardous materials originating from Ohio along the Ohio River (including its tributaries) between Ohio River mile markers 40.1 to 127.2. It is intended to be used during Operational Periods 1 and 2 of response only at the discretion of the Incident Commander. It is not intended to supercede the direction of the Incident Commander or eliminate the need for ongoing communication during a response.

IAP Approved by Incident Commander(s):

ORG	NAME	DATE/TIME
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

First Local IC (911, Fire Dept., County Emergency Mgr.)

First Responding State (Ohio EPA, WVDEP)

FOSC; USCG, EPA

USFWS Lead Representative

OH DNR/ WV DNR

SE Ohio Sub-Area Spill Response Plan INITIAL INCIDENT ACTION PLAN

EXECUTIVE SUMMARY

In order to best prepare for oil and hazardous material spills originating from Ohio, along the Ohio River (including its tributaries) between Ohio River mile marker 40.1 to 127.2, an interagency team comprised of representatives from the U.S. Environmental Protection Agency (U.S. EPA), U.S. Coast Guard (USCG), Ohio Environmental Protection Agency (Ohio EPA), the Ohio River Valley Water Sanitation Commission (ORSANCO) and other federal, state, local agencies, and private sector, identified the need for a specialized planning document that will: 1) describe the roles that agencies and other entities would likely play in an incident, and 2) give responders a mechanism to help organize both in advance and during a response. This planning tool will also help multiple agencies to coordinate their operations and resources and make effective and efficient use of their personnel, supplies and time. **This plan addresses oil and hazardous materials spills originating from the “SE Ohio Area” defined as the right descending bank of the Ohio River within EPA Region 5 between Ohio River mile marker 40.1 to 127.2, the Ohio counties of Columbiana, Jefferson, Belmont, and Monroe, and the Ohio tributaries along the Ohio River all between Ohio River mile marker 40.1 to 127.2.** Spills originating on the Ohio River or originating from the West Virginia Bank (left descending bank) of the Ohio River, or counties located within West Virginia are the jurisdiction of EPA Region 3 or the USCG (see Agency Roles and Responsibilities section of this plan for details). General West Virginia information is included in this plan for reference.

The objective is to promote timely and effective coordination among the spill community, including Federal, state, local and private entities in response to an oil discharge or hazardous substance release within the SE Ohio Area.

The scope of this document involves discharges of oil that reach or threaten to reach navigable waters of the U.S. and releases into the environment of hazardous substances and pollutants or contaminants that may present an imminent and substantial danger to public health or welfare.

To help meet these needs, the enclosed Response Checklist and initial Incident Action Plan (IAP) document was created in 2015. The plan has been tailored to identify the Incident Command System (ICS) forms most likely to be initially used in an SE Ohio area response and includes potential objectives as well as a detailed emergency contact list. The plan provides a concise and coherent means of capturing and communicating the overall incident priorities, objectives and strategies in the context of both operational and support activities.

The response plan was developed to aid the implementation of the ICS. During an incident, the ICS emphasizes orderly and systematic planning, and this Response Checklist and initial IAP are intended to be the central tool for planning during the Operational Period #1 of response at the discretion of the Incident Commander (IC). The plan is not intended to supersede the direction or authority of the IC, or to preclude communication or flexibility in response. The level of detail required in an Incident Action Plan will vary according to the size and complexity of the response. After the Operational Period #2 of an incident, it is expected that this IAP will be superseded by a response specific IAP as needed.

The response plan was developed to be consistent with, and support, existing plans and procedures including the U.S. EPA Region 5 RCP/ACP, U.S. EPA Region 4 Ohio River Umbrella Plan, U.S. EPA Region 3 Southwest Pennsylvania Wheeling Sub-Area Contingency Plan, state response plans and local response plans. A full list of documents incorporated by reference is included in Appendix 3.

TABLE OF CONTENTS

Background Incident Action Planning “P”-----	IAP-3
Agency General Spill Roles and Responsibilities -----	IAP-4
IAP Template Forms	
1. Initial Response Checklist----- (ICS Form 234)	IAP-10
2. Incident Action Plan Cover Sheet----- (ICS Form 200)	IAP-11
3. Incident Objectives----- (ICS Form 202)	IAP-12
4. Incident Organization Chart----- (ICS Form 207)	IAP-13
5. Assignment List----- (ICS Form 204)	IAP-14
6. Incident Communication Plan----- (ICS Form 205)	IAP-23
8. Emergency Contact List-----	IAP-24
9. Medical Plan----- (ICS Form 206)	IAP-27
10. Health and Safety Message----- (ICS Form 223)	IAP-28
11. Unit Activity Log----- (ICS Form 214)	IAP-29
Attachment 1 – Sensitive Environmental, Economic and Cultural Areas	
Attachment 2 – US EPA Multi-Regional Response Policy	
Attachment 3 – Documents Incorporated by Reference	
Attachment 5 – Tactical Response Plan (Under Development)	
Attachment 6 – List of Response Contractors	
Attachment 7 – Approval Procedures for Oil Spill Alternative Countermeasures	
Attachment 8 – County Information Sheets	

LIST OF ACRONYMS

CPO	Conservation Police Officer
CWA	Clean Water Act
DHS	Department of Homeland Security
DOI	Department of Interior
EMA	Emergency Management Agency
ERU	Emergency Response Unit
FOSC	Federal On-Scene Coordinator
IAP	Incident Action Plan
IC	Incident Commander
ICS	Incident Command System
IMT	Incident Management Team
LDB	Left Descending Bank
LEPC	Local Emergency Planning Committee
MM	Mile Marker
MSD	Marine Safety Detachment
NPS	National Parks Service
NRC	National Response Center
NRDAR	Natural Resource Damage Assessment & Restoration
ODNR	Ohio Department of Natural Resources
Ohio EPA	Ohio Environmental Protection Agency
OPA	Oil Pollution Act
ORSANCO	Ohio River Valley Water Sanitation Commission
OSC	On-Scene Coordinator
RCP	Regional Contingency Plan
RDB	Right Descending Bank
RP	Responsible Party
RRT	Regional Response Team
SHPO	State Historic Preservation Officer
USACE	United States Army Corps of Engineers
USCG	United States Coast Guard
U.S. EPA	United States Environmental Protection Agency
USFWS	United States Fish & Wildlife Service
WVDEP	West Virginia Department of Environmental Protection
WVDNR	West Virginia Department of Natural Resources

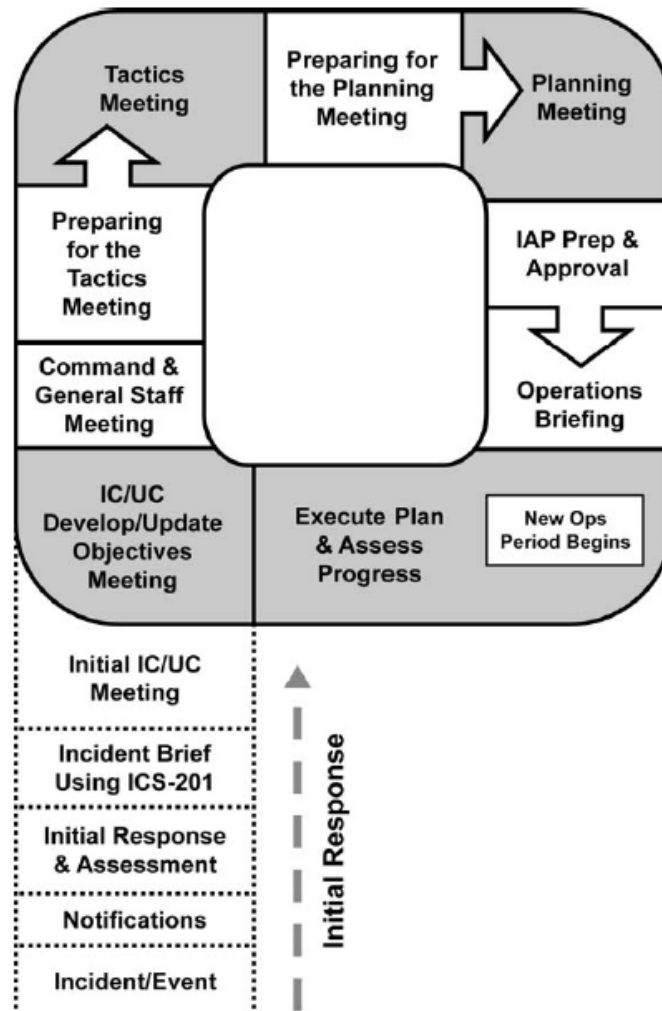
BACKGROUND INCIDENT ACTION PLANNING “P”

Incident Action Planning Process

In the Incident Command System (ICS), considerable emphasis is placed on developing effective Incident Action Plans (IAP). A planning process has been developed as a part of the ICS to assist planners in the development of a plan in an orderly and systematic manner. Not all incidents require detailed written plans. Recognizing this, the following planning process provides a series of basic planning steps, which are generally appropriate for use in any incident situation. The determination of the need for written IAPs and attachments/forms is based on the requirements of the incident and the judgment of the Incident Commander (IC). The Planning Section Chief prepares the IAP with input from the appropriate sections and units of the Incident Management Team (IMT). The IAP should be written at the outset of the response and revised continually throughout the response.

The diagram below shows the process and steps involved to develop an IAP. The initial IAP included in this document is intended to help guide a response through Operational Periods #1 and #2 of an incident in the SE Ohio Area.

The Planning Cycle and Daily flow of events:



Agency General Spill Roles and Responsibilities for the SE Ohio Sub-Area Spill Response Plan

Local Agencies	General Roles and Responsibilities
Responsible Party/Facility/Industry	<p>The spiller, or responsible party (RP), has the primary responsibility to conduct spill cleanup, following the procedures listed in the facility and/or vessel response plan. The first response action of the RP is making notification of an incident to appropriate other responders of the incident, according to law and the RP's own response plan. The RP conducts whatever response actions are necessary and for which their personnel are trained and equipped. The RP is required to have authorized and qualified individuals available 24 hours a day to respond to a spill. The RP should also have sufficient funds available to cover the cost of pollution response to the limit of liability for the vessel or facility. As the priorities of an incident evolve, they often include off-site and environmental concerns. The RP has the lead role in responding to these concerns, under the oversight of state or federal agencies. The RP is also liable for restoring or replacing natural resources which may be injured or lost due to the spill, and should coordinate with the natural resource trustees (via the Natural Resource Damage Assessment & Restoration (NRDAR) Liaison in the IC) as part of the NRDAR process. The RP will be represented at the command level of the response organization to represent their interests and to help coordinate assets and response actions. The RP should conduct inquiries into the cause of an incident. This is often done with the participation or oversight of state or federal agencies such as the Occupational Safety and Health Administration, USCG or Department of Transportation. The RP should conduct a critique of their response to an incident and revise prevention, preparedness, and response measures accordingly. If the RP does not respond properly, the On-Scene Coordinator (OSC) shall take appropriate response actions and should notify the RP of the potential liability for federal response costs incurred by the OSC pursuant to the Oil Pollution Act (OPA) and the Clean Water Act (CWA), and/or the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).</p>
Local Fire, Police, Sheriff	<p>Local units of government typically have the primary role in protecting the public's safety and property from a spill through police and fire department response. During the initial stages of an incident, when life and safety issues are paramount, local officials (Fire/Police/Sheriff) will be "in charge" of the response to an incident until such time that they decide to enter into a Unified Command.</p>
Counties & Emergency Management (Ohio and West Virginia)	<p>During the response and recovery stages of an event, the County Emergency Management acts as a liaison between federal, state, and local units of government to promote speedy access to emergency resources and recovery funding.</p> <p>The four Ohio counties that are included in this plan are Columbiana (beginning at Ohio River MM 40.1), Jefferson, and Monroe (ending at Ohio River MM 127.2).</p> <p>The five West Virginia counties makeup the left descending bank that abut the section of Ohio River included in this plan are Hancock, Brooke, Ohio, Marshall and Wetzel counties.</p> <p>The primary role of the counties is to provide management through direct supervision and responsibility of emergency management, Local Emergency Planning Committee (LEPC), and information systems that provide for the exchange of information between police, fire, emergency medical, and emergency management response services.</p>

Local Agencies	General Roles and Responsibilities																					
Ohio River Valley Water Sanitation Commission (ORSANCO)	<p>ORSANCO was established in 1948 to control and abate pollution in the Ohio River Basin. ORSANCO is an interstate commission representing eight states and the federal government. Member states include: Illinois, Indiana, Kentucky, New York, Ohio, Pennsylvania, Virginia and West Virginia.</p> <p>ORSANCO operates programs to improve water quality in the Ohio River and its tributaries, including setting waste water discharge standards; performing biological assessments; monitoring for the chemical and physical properties of the waterways; and conducting special surveys and studies.</p> <p>In addition, ORSANCO assists state environmental agencies, U.S. EPA and USCG in emergency spill response and notification. Specifically, ORSANCO's role in the event of a spill is to serve as an interstate communications center, assisting in emergency notification procedures to downstream drinking water utilities, and coordinating emergency stream monitoring in order to track contaminant plumes as they flow downstream.</p> <p>ORSANCO monitors for the following volatile organic compounds:</p> <table><tr><td>1,1 Dichloroethylene</td><td>1,2 Dichloroethane</td><td>Chlorobenzene</td></tr><tr><td>Methylene Chloride</td><td>Trichloroethylene</td><td>Ethylbenzene</td></tr><tr><td>1,1 Dichloroethane</td><td>1,2 Dichloropropane</td><td>Styrene</td></tr><tr><td>Chloroform</td><td>Dichlorobromomethane</td><td>Bromoform</td></tr><tr><td>1,1 Trichloroethane</td><td>Toluene</td><td>1,3 Dichlorobenzene</td></tr><tr><td>Carbon Tetrachloride</td><td>Tetrachloroethylene</td><td>1,4 Dichlorobenzene</td></tr><tr><td>Benzene</td><td>Dibromochloromethane</td><td>1,2 Dichlorobenzene</td></tr></table>	1,1 Dichloroethylene	1,2 Dichloroethane	Chlorobenzene	Methylene Chloride	Trichloroethylene	Ethylbenzene	1,1 Dichloroethane	1,2 Dichloropropane	Styrene	Chloroform	Dichlorobromomethane	Bromoform	1,1 Trichloroethane	Toluene	1,3 Dichlorobenzene	Carbon Tetrachloride	Tetrachloroethylene	1,4 Dichlorobenzene	Benzene	Dibromochloromethane	1,2 Dichlorobenzene
	1,1 Dichloroethylene	1,2 Dichloroethane	Chlorobenzene																			
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1,1 Trichloroethane	Toluene	1,3 Dichlorobenzene																				
Carbon Tetrachloride	Tetrachloroethylene	1,4 Dichlorobenzene																				
Benzene	Dibromochloromethane	1,2 Dichlorobenzene																				
	<p>Monitoring takes place at the drinking water utilities located along the rivers, including: Pittsburgh Water; Pennsylvania American Water at Hays Mine; Westview Water; Weirton Water; Wheeling Water; DuPont Facility at Washington Works; John Amos Power Plant; Huntington Water; Portsmouth Water; Louisville Water; Evansville Water; and Paducah Water.</p>																					

State Agencies	General Roles and Responsibilities
Ohio Environmental Protection Agency (Ohio EPA)	<p><u>Authority:</u> For the state of Ohio, the legal requirements for responding to a discharge or release within the State of Ohio are set forth in The Ohio Administrative Code Title 37, Chapter 3745.</p> <p><u>Response:</u> Ohio EPA is the designated representative of RRT 5 for Ohio. Ohio EPA is also the State agency charged with investigating releases of oil and hazardous substances from both fixed and mobile facilities. Ohio's spill response program is housed in the Emergency Response Unit (ERU), which is a part of the Division of Environmental Response and Revitalization. This unit, which is responsible for receiving reports of releases to all environmental media, uses 15 spill responders to aid in chemical identification, containment, cleanup, public safety, and the identification of RPs. If a RP cannot be identified or is recalcitrant, the ERU can activate a level-of-effort contractor to initiate actions to contain or clean up a spill.</p> <p><u>Personnel:</u> Ohio EPA's ERU operates a 24-hour spill reporting line for Ohio; provides technical assistance to local responders and responsible parties; and responds to locations 24-hours a day for spills of petroleum, hazardous substances, extremely hazardous substances, and objectionable substances that are of a quantity, type, duration, and in a location as to damage the waters of Ohio.</p>
West Virginia Department of Environmental Protection (WVDEP)	<p><u>Authority:</u> In 40 CFR 300.115, the National Contingency Plan calls for state participation in RRTs. WVDEP is designated as West Virginia's RRT Region 3 member.</p> <p><u>Response:</u> The West Virginia Emergency Operations Plan (EOP) identifies WVDEP as charged with investigating releases of oil and hazardous substances from both fixed and mobile facilities.</p> <p>The legal requirements for responding to a discharge or release within the state are set forth in the State of West Virginia Emergency Operations Plan developed under Chapter 15 (Emergency Management) and Chapter 22 (Department of Environmental Protection) of the West Virginia Code.</p> <p><u>Personnel:</u> West Virginia maintains a 24-hour spill reporting line.</p>
Ohio Department of Natural Resources (ODNR)	<p>The ODNR acts to protect Ohio's natural and recreational resources. ODNR Officers (Conservation Police Officers [CPO]) and ODNR employees are tasked in assessing damages, restoration of natural resources, and law enforcement duties due to a spill. Data acquired would be used to determine the extent of damage to natural resources, to develop restoration or replacement strategies, and to develop and submit a claim for damages to the Responsible Party to implement the most appropriate restoration actions.</p>
West Virginia Department of Natural Resources (WVDNR)	<p>The Governor of the state of West Virginia has designated the West Virginia Division of Natural Resources (WVDNR) and the West Virginia Department of Environmental Protection (WVDEP) to act as the trustees on behalf of the state of West Virginia for all cases that affect natural resources for which West Virginia is a trustee.</p>
State Historic Preservation Officer (SHPO)	<p>Identification of culturally sensitive sites in the vicinity of a spill can be accomplished by contacting the appropriate State Historic Preservation Officer (SHPO). This individual is generally associated with the State Historical Preservation Office or Society, which may or may not be within a department of State government.</p> <p>The National Parks Service (NPS) has responsibility for sites located on Federal lands within the Region. NPS maintains a registry of historically and culturally significant resources, the National Register of Historic Places, which can be accessed via the National Register Information System at http://www.nps.gov/nr/research/.</p> <p>Specific procedures and Federal OSC responsibilities regarding these sites are set forth in the Programmatic Agreement on Protection of Historic Properties During Emergency Response. Further information about the NPS History and Culture program can be found at http://www.nps.gov/history/.</p>

Federal Agencies	General Roles and Responsibilities
U.S. Environmental Protection Agency (U.S. EPA) Region 5	<p>The Federal On-Scene Coordinator (FOSC) is the pre-designated federal official, operating at the scene of an oil or hazardous substance incident in accordance with executive powers delegated through law, regulation, executive orders and agency delegations. The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) provides the legal authority which clearly specifies that the role and responsibility of the FOSC is to direct response operations and to coordinate all other efforts at the scene of an oil discharge or a hazardous substance release.</p> <p>For spills and releases originating from the Right Descending Bank (RDB) of the Ohio River in Ohio, U.S. EPA Region 5 will provide the FOSC.</p> <p>U.S. EPA Region 5 will provide the FOSC when an incident is federalized for spills originating from a source other than a vessel or marine transportation facility where:</p> <ul style="list-style-type: none"> • The FOSC is the lead federal official for spill response. • The FOSC is the point of contact for the coordination of federal efforts with those of the local response community. The FOSC will be in support of local command unless asked to assume control, or unless local response is inadequate. • The FOSC shall, to the extent practicable, collect pertinent facts about the discharge or release, such as its source and cause; the identification of potentially responsible parties; the nature, amount, and location of discharged or released materials; the probable direction and time of travel of discharged or released materials; whether the discharge is a worst case discharge; the pathways to human and environmental exposure; the potential impact on human health, welfare, and safety and the environment; whether the discharge or release poses a substantial threat to the public health or welfare; the potential impact on natural resources and property which may be affected; priorities for protecting human health and welfare and the environment; and appropriate cost documentation. <p>The FOSC shall ensure that the Natural Resource Trustees are promptly notified of discharges or releases and shall coordinate all response actions with the trustees. The FOSC should ensure that all appropriate public and private interests are kept informed and that their concerns are considered throughout a response, to the extent practicable. The U.S. EPA Region 5 FOSC for the SE Ohio Sub-Area Spill Response Plan is Betsy Nightingale.</p>
U.S. EPA Region 3	<p>The On-Scene Coordinator is the federal official predesignated by U.S. EPA or the USCG to coordinate and direct responses under the National Contingency Plan. For spills and releases originating from the left descending bank (LDB) and the main stem of the Ohio River in West Virginia, U.S. EPA Region 3 will provide the FOSC.</p> <p>U.S. EPA Region 3 has jurisdiction if the spill originates on the Ohio River or originates from the West Virginia Bank of the Ohio River.</p> <p>U.S. EPA Region 3 provides FOSCs when an incident is federalized for spills originating from a source other than a vessel or marine transportation facility where:</p> <ul style="list-style-type: none"> • The FOSC is the lead federal official for spill response. • The FOSC is the point of contact for the coordination of federal efforts with those of the local response community. The FOSC will be in support of local command unless asked to assume control, or unless local response is inadequate. • The FOSC shall, to the extent practicable, collect pertinent facts about the discharge or release, such as its source and cause; the identification of potentially responsible parties; the nature, amount, and location of discharged or released materials; the probable direction and time of travel of discharged or released materials; whether the discharge is a worst case discharge; the pathways to human and environmental exposure; the potential impact on human health, welfare, and safety and the environment; whether the discharge or release poses a substantial threat to the public health or welfare; the potential impact on natural resources and property which may be affected; priorities for protecting human health and welfare and the environment; and appropriate cost documentation. <p>The FOSC shall ensure that the Natural Resource Trustees are promptly notified of discharges or releases and shall coordinate all response actions with the trustees. The FOSC should ensure that all appropriate public and private interests are kept informed and that their concerns are considered throughout a response, to the extent practicable. The U.S. EPA Region 3 FOSC for the SE Ohio Sub-Area Spill Response Plan is Debbie Lindsay.</p>
National Response Center (NRC)	<p>The NRC is the national communications center for handling activities related to response actions. The NRC acts as the single point of contact for all Federal pollution incident reporting. Notice of an oil discharge or release of a hazardous substance in an amount equal to or greater than the reportable quantity must be made immediately in accordance with 40 CFR Part 110 and 40 CFR Part 116, respectively. All notices of discharges or releases received at the NRC will be relayed immediately by telephone to the appropriate pre-designated federal OSC.</p> <p>To address the complex nature of communications among and within the U.S. EPA Regions that have authority along the Ohio River, ICS Form 205 (Communication Plan) contains detailed communications for each state within Regions 3 and 5 that border the Ohio River. Every effort has been made to ensure that all Federal, state and local response contacts have been identified and recorded for the Ohio River.</p>

Federal Agencies	General Roles and Responsibilities
USCG Sector Ohio Valley – Louisville MSU Pittsburgh	<p>The On-Scene Coordinator is the federal official predesignated by U.S. EPA or the USCG to coordinate and direct responses under the National Contingency Plan.</p> <p>The USCG provides Federal On-Scene Coordinators (FOSC) for oil discharges, when an incident is federalized and the source is either a commercial vessel or marine transportation related portion of a facility where:</p> <ul style="list-style-type: none"> • The FOSC is the lead federal official for spill response. • The FOSC is the point of contact for the coordination of federal efforts with those of the local response community and shall be a fully involved member of the unified command. • The FOSC shall, to the extent practicable, collect pertinent facts about the discharge or release, such as its source and cause; the identification of potentially responsible parties; the nature, amount, and location of discharged or released materials; the probable direction and time of travel of discharged or released materials; whether the discharge is a worst case discharge; the pathways to human and environmental exposure; the potential impact on human health, welfare, and safety and the environment; whether the discharge or release poses a substantial threat to the public health or welfare; the potential impact on natural resources and property which may be affected; priorities for protecting human health and welfare and the environment; and appropriate cost documentation. <p>The FOSC shall ensure that the natural resource trustees that may be impacted are promptly notified of discharges or releases. The FOSC should ensure that all appropriate public and private interests are kept informed and that their concerns are considered throughout a response, to the extent practicable.</p> <p>The USCG Eighth District has established Sector Ohio Valley, based out of Louisville, Kentucky. The purpose of the Sector is to provide command, control, and oversight to all USCG resources. In addition to providing the FOSC for spills and releases originating from marine-transportation-related facilities and vessels, Sector Ohio Valley can support efforts through its Marine Safety Unit at Pittsburgh. MSU Pittsburgh is responsible for an area that covers South Western Pennsylvania and portions of Ohio and West Virginia. The area of responsibility (AOR) is comprised of 328 miles of the Ohio, Allegheny and Monongahela Rivers.</p>
U.S. Army Corps of Engineers (USACE)	<p>The Ohio River is a major transportation route for commerce in the U.S. and contains an extensive system of 21 locks and dams to speed this transportation from the Mississippi River up to Pittsburgh, Pennsylvania.</p> <p>The following dams are located in the response area covered by the plan:</p> <p>New Cumberland Lock & Dam - One Gated Dam - 2 Lock Chambers- Mile 54.3 – RDB (lock side) – emergency number: 740-537-2571</p> <p>Pike Island Lock & Dam - One Gated Dam – 2 Lock Chambers - Mile 84.2- LDB (lock side) – emergency number: 304-277-2127</p> <p>Hannibal Lock & Dam - One Gated Dam – 2 Lock Chambers- Mile 126.4- RDB (lock side) – emergency number: 740-483-2305</p> <p>This lock and dam system is controlled by the USACE. During any pollution incident, control of river traffic during a crisis situation will be accomplished via two methods:</p> <ul style="list-style-type: none"> • Voluntary actions of industry and/or the establishment of mandatory controls by the USCG • During a severe flood, low water, or pollution event, a state of de facto river closure may arise through the closure of the locks and dams by the USACE or the inability of vessels to operate due to low channel depths. <p>Extensive cooperation between USCG, USACE, State and local agencies, and the river industry is necessary for incidents occurring on the Ohio River. Each USACE District on the Ohio River contains a Readiness Branch and within it an Operations Division. The function of the branch is to identify emergency situations that may warrant USACE assistance, maintain liaison with the states and with other federal agencies, and manage information and deployment of emergency resources as provided for by public laws.</p>
United States Fish & Wildlife Service (USFWS)	<p>The USFWS is also a trustee bureau of the U.S. Department of the Interior with Natural Resource Damage Assessment & Restoration (NRDAR) authorities and responsibilities to restore or replace natural resources injured or lost due to spills of oil or releases of hazardous substances. The USFWS fulfills these responsibilities working with co-trustees (e.g., WV DNR, ODNR) and Responsible Parties as a distinct process coordinated with the emergency response process.</p>

Other Entities	General Roles and Responsibilities
Volunteers	<p>The willingness of volunteers, both technically trained and from the public at large, to assist in responses is both recognized and appreciated. However, in most oil or hazardous substance incidents, the possible role of volunteers will be extremely limited, and the burdens of liability, training, and accounting for volunteers almost always will outweigh the benefits of engaging them. For safety, liability and management reasons, individual volunteers will not be used during oil or hazardous substances incidents. In the limited cases where volunteer assistance is needed, such as large scale disasters, volunteer organizations may be used but must be properly trained and integrated into the incident command structure. Volunteer organizations must be structured and self-sustaining and must meet the state and OSHA requirements for the area they will be working and for the position that they will fill. Typically the positions that the volunteers may fill will be low risk.</p> <p>In order to minimize volunteers showing up an incident, it is recommended that a Volunteer Hotline be established early in the response. The Hotline should advise volunteers to stay away from the spill site as their presence could hamper clean-up efforts and increase the danger to public safety and/or wildlife. The Volunteer Hotline should allow callers an opportunity to leave their contact information noting their skills and availability to help. The Volunteer Hotline Number would also provide prospective volunteers the most up-to-date information on whether their time and skills would be needed to support the Unified Command in response efforts.</p> <p>The US EPA and USCG have entered into a Memorandum of Understanding with the Corporation for National and Community Service (CNCS) to provide assistance, when requested, in managing unaffiliated volunteers for responses conducted under the NCP. CNCS is a federal agency that supports service and volunteering at the national, state and local levels and is a support agency to FEMA. The MOU dated January 2011 outlines the purpose, responsibilities and other provisions as they pertain to volunteer management by the EPA, USCG and CNCS following an oil or hazardous substance incident.</p> <p>It is recommended that any Agency who may be required to use volunteers during or after an incident, to reference the Volunteer and Donations Management Support Annex of the NRF. See the following website: http://www.fema.gov/pdf/emergency/nrf/nrf-support-vol.pdf</p>

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

Incident name: _____	ICS – 234 INITIAL RESPONSE CHECKLIST SE OHIO SUB-AREA SPILL RESPONSE PLAN
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UNIFIED COMMAND	OPERATION SECTION
Recommended Strategies, Tactics or Tasks <u>UNIFIED COMMAND:</u> <input type="checkbox"/> Establish Unified Command. Member should include U.S. EPA, USCG, RP, state and local responders. <input type="checkbox"/> Establish incident objectives and priorities. <input type="checkbox"/> Establish a response organization. <input type="checkbox"/> Determine Responsible Parties (RP). <u>SAFETY:</u> <input type="checkbox"/> Develop a Health and Safety Plan <input type="checkbox"/> Prevent or stop unsafe work conditions. <input type="checkbox"/> Identify hazardous conditions associated with the incident. <input type="checkbox"/> Develop a safety message <u>PUBLIC AFFAIRS:</u> <input type="checkbox"/> Gather incident data and information for media briefings. <input type="checkbox"/> Conduct media briefings. <input type="checkbox"/> Coordinating with County and State emergency managers and local Sheriff, provide emergency communications to impacted public. <u>LIAISON:</u> <input type="checkbox"/> Establish interagency contacts. <input type="checkbox"/> Ensure response agencies are supporting the incident. <input type="checkbox"/> Ensure notifications to NRC, downstream states, municipalities, drinking water intakes, and economically sensitive businesses (ORSANCO)	Recommended Strategies, Tactics or Tasks <u>OPERATIONS:</u> <input type="checkbox"/> Contain and stabilize spill sources. <input type="checkbox"/> Establish perimeter and hot zone. <input type="checkbox"/> Develop work assignments. <input type="checkbox"/> Develop a spill recovery plan. <input type="checkbox"/> Open up the Oil Spill Liability Trust Fund (OSLTF) for a Pollution Removal Fund Authorization (PRFA). <input type="checkbox"/> Mobilize company responders, local spill CO-OP, first responders, county emergency government and hazmat teams, state and federal responders and their contractors. <input type="checkbox"/> Hire a response contractor(s) if RP not adequately responding. <input type="checkbox"/> Respond to oiled wildlife. Seek assistance from US Fish and Wildlife Service. <input type="checkbox"/> Use of chemical agents is not pre-approved. <input type="checkbox"/> Sinking agents shall not be used. <u>RIVER OPERATIONS:</u> <input type="checkbox"/> Establish river traffic control, river-traffic evacuation, no-boating area <input type="checkbox"/> Determine if it is safe for response personnel to be in boats on Ohio River <input type="checkbox"/> Establish shore land perimeter control areas <input type="checkbox"/> Notify and evacuate, if necessary, house boats and boat house owners and occupants
PLANNING SECTION	LOGISTICS SECTION
Recommended Strategies, Tactics or Tasks <u>PLANNING:</u> <input type="checkbox"/> Establish planning cycle. <input type="checkbox"/> Collect, process, and display situation information about the incident. <input type="checkbox"/> Conduct spill modeling and spill trajectories. <input type="checkbox"/> Develop a monitoring plan for water quality. <input type="checkbox"/> Identify sensitive resources. See Inland Sensitivity Maps. <input type="checkbox"/> Conduct spill trajectory and time of travel to predict downstream impacts. <input type="checkbox"/> Establish data management plan. <input type="checkbox"/> Identify spill response resources for next Operational Period.	Recommended Strategies, Tactics or Tasks <u>LOGISTICS/COMMUNICATIONS:</u> <input type="checkbox"/> Establish an Incident Command Post for briefings. <input type="checkbox"/> Establish communications protocol for the incident. <input type="checkbox"/> Acquire additional communication resources if needed. <u>LOGISTICS/PROCUREMENT:</u> <input type="checkbox"/> Ensure procurement of materials and supplies. <input type="checkbox"/> Obtain authorization to initiate and finalize purchases <input type="checkbox"/> Interpret and initiate contracts/agreements. <input type="checkbox"/> Maintain log of all purchases related to the incident.

**UTILIZE INITIAL IAP FOR
OPERATIONAL PERIOD #2.**

**DEVELOPMENT OF RESPONSE IAP
MUST BE 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 SE OHIO SUB-AREA SPILL RESPONSE PLAN
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INITIAL INCIDENT ACTION PLAN

The items below are included in this Incident Action Plan

- [ICS 202](#) Incident Objectives. (Select from list as appropriate; add more if needed)
- [ICS 207](#) Incident Organization Chart.
- [ICS 204](#) Assignment List. (Fill in operations personnel contact name, incident-specific assignments & resource summary)
- [ICS 205](#) Incident Communication Plan. (Phone/Radio Contact list)
- [ICS 206](#) Medical Plan. (Medical aid stations, hospitals and emergency procedures)
- [ICS 223](#) Health and Safety Message. (General Safety Message and Major Hazards/ Risks)
- [ICS 214](#) 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.

- ☐ [ICS 208 Site Safety and Control Plan\(s\)**](#) **note: unless otherwise specified, every organization shall respond in accordance with the safety policies and procedures of their respective organizations
- ☐ [ICS 225 Maps / Charts](#) (See USACE Navigational Charts. Select and add maps, as necessary)
- ☐ [Weather Forecasts / River flow – currents – conditions](#)
- ☐ _____
- ☐ _____

General Incident Summary

Incident Information and Incident Status

(Include Incident location, latitude/longitude, estimated quantity spilled, spill rate etc.)

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

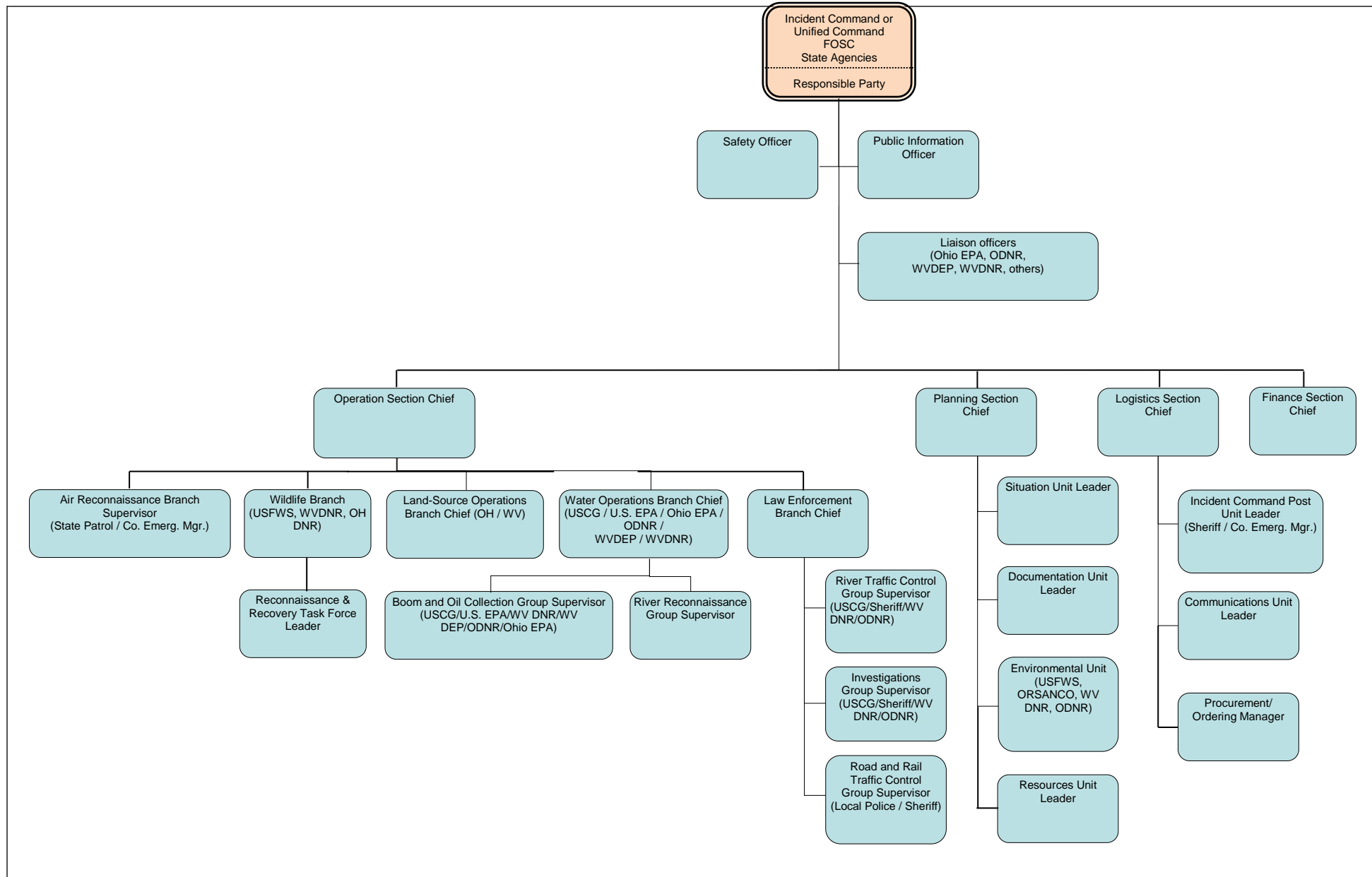
Incident name: _____	ICS – 202 INCIDENT OBJECTIVES SE OHIO SUB-AREA SPILL RESPONSE PLAN
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Objectives
1. Conduct all the appropriate notifications (local fire department, National Response Center, Ohio EPA or WVDEP), including notifications to downstream communities (via ORSANCO).
2. Conduct response operations to control/stop the source of the spill, contain, recover released material in the Ohio River, tributaries and downstream and minimize response related environmental impacts.
3. Establish Unified Command and establish an Incident Command Post (via. County Emergency Management).
4. Ensure the health and safety of the public and response personnel.
5. Provide and manage necessary communications.
6. Identify the Responsible Party and determine ability to respond to the spill.
7. Inform and update the community and public.
8. Secure the incident scene, restrict river traffic as necessary and secure all evidence.
9. Evaluate resources-at-risk and protect downstream sensitive resources and minimize response related environmental impacts.
10. Coordinate recovery actions and appropriate rehabilitation procedures with natural resource trustees.
11. Coordinate response actions and resource information with natural resource trustees and the Natural Resource Damage Assessment & Restoration (NRDAR) process.
12. Coordinate operations to evaluate impact to the Ohio River (and its tributaries), and potentially impacted residents, water intakes and resources downstream.
13.
14.
15.
16.

Incident name:

ICS – 207 INCIDENT ORGANIZATION CHART SE OHIO SUB-AREA SPILL RESPONSE PLAN

Initial Command Structure for the first operational period of an oil spill. [Click here to have a workable and printable version of the Organization Chart](#)



1. Incident name:	2. Operational Period # 2	ICS – 204 ASSIGNMENT LIST SE OHIO SUB-AREA SPILL RESPONSE PLAN
_____	3. Section	
	4. Division/Group	
		Operations Law Enforcement

5. Agencies Involved in Law Enforcement Group
<p>Agencies that might play a role in Law Enforcement Group:</p> <ul style="list-style-type: none"> Counties & Emergency Management Local Fire, Police, Sheriff & Hazmat Teams U.S. Fish and Wildlife Service (USFWS) U.S. Coast Guard (USCG) Ohio Environmental Protection Agency (Ohio EPA) Ohio Department of Natural Resources (ODNR) West Virginia Department of Environmental Protection (WVDEP) West Virginia Department of Natural Resources (WVDNR)
<p>Agency General Roles and Responsibilities: Refer to the Roles and Responsibilities Table provided in this Incident Action Plan</p>
6. Recommended Strategies and Tactics
<ul style="list-style-type: none"> Establish river traffic control, river-traffic evacuation, no-boating area. USCG / ODNR / WV DNR/ Sheriff lead on River Traffic Mgmt. Secure scene immediately- Police / Sheriff lead on road and rail traffic control Collect photo evidence and document the scene
7. Incident-Specific Assignments
8. Special Instructions for Division/Group

9. Operations Personnel				
Title	Name	Affiliation	Emergency Contact #	Contact # (s)
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Communications: Refer to the [SE Ohio Sub-Area Spill Response Plan Emergency Contact List](#) provided in this Incident Action Plan

10. Resource Summary						
ID	Resource Type	Description/ Location	Quantity	Size	Status	Notes/ Comments
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

11. Additional Information	

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

1. Incident name:	2. Operational Period # 2		ICS – 204 ASSIGNMENT LIST SE OHIO SUB-AREA SPILL RESPONSE PLAN
_____	3. Section	Operations	
	4. Division/Group	Oil Containment and Recovery	

5. Agencies Involved in Contain Release Group
<p>Agencies that might play a role in Containment Group:</p> <ul style="list-style-type: none"> • Responsible Party/Facility/Industry/Contractors • Counties & Emergency Management • Local Fire, Police, Sheriff & Hazmat Teams • Ohio Environmental Protection Agency (Ohio EPA) • Ohio Department of Natural Resources (ODNR) • West Virginia Department of Environmental Protection (WVDEP) • West Virginia Department of Natural Resources (WVDNR) • U.S. Environmental Protection Agency (U.S. EPA) Region 5/Region 3 • U.S. Coast Guard (USCG) • U.S. Army Corps of Engineers (USACE)
<p>Agency General Roles and Responsibilities: Refer to the Roles and Responsibilities Table provided in this Incident Action Plan</p>
6. Recommended Strategies and Tactics
<ul style="list-style-type: none"> • Mobilize company responders, first responders, county emergency government and hazmat teams, state and federal responders and their contractors • Utilize company and locally stored equipment such as oil spill boom, sorbents, tanker trucks, vacuum units, oil collection equipment or pre-staged response equipment • Activate Spill Response Contractors (if company response too slow or inadequate) • Activate and implement oil boom collection and recovery plan • Contain and stabilize oil-sources • Establish ignition source controls in hot zone • Deflect spilled material into Lock Chamber for collection. Utilize Lock and Dam Master and provide formal request from Federal OSC • See attachments to this plan for US EPA Region 5 policies on chemical countermeasures and in situ burning. • State OSC has authorization to allow emergency decanting of oil.
7. Incident-Specific Assignments
<ul style="list-style-type: none"> • Consult U.S. EPA Region 5 RCP for shoreline cleanup guideline matrices.
8. Special Instructions for Division/Group

9. Operations Personnel						
Title	Name	Affiliation	Emergency Contact #	Contact # (s)		
_____	_____	_____	_____	_____		
_____	_____	_____	_____	_____		
_____	_____	_____	_____	_____		
_____	_____	_____	_____	_____		
_____	_____	_____	_____	_____		
Communications: Refer to the SE Ohio Sub-Area Spill Response Plan Emergency Contact List provided in this Incident Action Plan						
10. Resource Summary						
ID	Resource Type	Description/ Location	Quantity	Size	Status	Notes/ Comments
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
11. Additional Information						
Prepared By: (Name/Title) _____				Date/Time: _____		
Approved by: (Name/Title) _____				Date/Time: _____		

9. Operations Personnel						
Title	Name	Affiliation	Emergency Contact #	Contact # (s)		
_____	_____	_____	_____	_____		
_____	_____	_____	_____	_____		
_____	_____	_____	_____	_____		
_____	_____	_____	_____	_____		
_____	_____	_____	_____	_____		
Communications: Refer to the SE Ohio Sub-Area Spill Response Plan Emergency Contact List provided in this Incident Action Plan						
10. Resource Summary						
ID	Resource Type	Description/ Location	Quantity	Size	Status	Notes/ Comments
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
11. Additional Information						
Prepared By: (Name/Title) _____				Date/Time: _____		
Approved by: (Name/Title) _____				Date/Time: _____		

9. Operations Personnel						
Title	Name	Affiliation	Emergency Contact #	Contact # (s)		
_____	_____	_____	_____	_____		
_____	_____	_____	_____	_____		
_____	_____	_____	_____	_____		
_____	_____	_____	_____	_____		
_____	_____	_____	_____	_____		
Communications: Refer to the SE Ohio Sub-Area Spill Response Plan Emergency Contact List provided in this Incident Action Plan						
10. Resource Summary						
ID	Resource Type	Description/ Location	Quantity	Size	Status	Notes/ Comments
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
11. Additional Information						
Prepared By: (Name/Title) _____				Date/Time: _____		
Approved by: (Name/Title) _____				Date/Time: _____		

Incident name:	Operational Period # 2			ICS – 205 INCIDENT COMMUNICATION PLAN SE OHIO SUB-AREA SPILL RESPONSE PLAN
	From		To	

Position	Name	Phone	e-mail	Current Location	Radio Frequency
Incident Commander and Staff					
Incident Commander(s)					
Safety Officer					
Information Officer					
Liaison Officer					
Water Operations Section Chief					
Land-Source Section Chief					
Wildlife Branch Section Chief					
Logistics Section Chief					
Planning Section Chief					
Law Enforcement Section Chief					
Prepared By: (Name/Title)	_____		Date/Time:		_____
Approved By: (Name/Title)	_____		Date/Time:		_____

SE OHIO SUB-AREA SPILL RESPONSE PLAN EMERGENCY CONTACT LIST

ORGANIZATION	NAME	EMERGENCY #	OFFICE #	E-Mail	Other(Radio)
Local					
911					
Belmont County Ohio EMA and LEPC	Dave Ivan, Director	740.699.0425	740.695.5984	Emergency.management@co.belmont.oh.us	
Columbiana County Ohio EMA	Luke Newbold, Director	330-424-7255	330.424.9725	Luke.newbold@ccoema.org	
Columbiana County Ohio LEPC	Willie Brantingham, Information Coordinator		330.424.0861	Colcounty.lepc15@gmail.com	
Columbiana County OEPA Liaison	Bart Ray		330-418-1288	Bart.ray@epa.state.oh.us	
Jefferson County Ohio EMA	John Parker, Director	740.266.4150	740.283.8600	Jeffersoncounty88@yahoo.com	
Jefferson County Ohio LEPC	Rob Harrington, Chair		740.266.4150		
Monroe County LEPC and EMA	Phillip Keevert, Coordinator	740.472.1612	740.472.0220		
ORSANCO	Jerry Schulte	513.260.8249	513.231.7719	jschulte@orsanco.org	
Columbiana Co. Health Department		330.424.7255	330.424.0272		
Jefferson County General Health District	John (Jack) Maguire	740.264.4150	740.283.8530		
Monroe County Health Department	Robin Grow		740.472.1677x204		
Belmont County Health Department	Linda Mehl	740-391-0192	740.695.1202		
Private					
Wildlife Rehabilitation Contractors	Focus Wildlife	800.578.3048		Link to website: http://www.focuswildlife.net/	
State					
Ohio EPA	Ohio EPA Emergency Response Hotline	800.282.9378			
Ohio EPA	Southeast District Office- Logan, OH		(740) 385-8501		
Ohio EPA OSC	Trevor Irwin		(614) 886-2484	trevor.irwin@epa.ohio.gov	
Ohio EPA OSC	Aaron Wolfe	(740) 380 – 5258	(614) 867 - 1055	Aaron.wolfe@epa.ohio.gov	
Ohio Department of Natural Resources (ODNR)	ODNR Communications Center		614.799-9538		
Ohio EMA	Ohio EMA	614.889.7150	614.889.7150		
Ohio State Historic Preservation Officer	Burt Logan		614.298.2000	blogan@ohiohistory.org	
WV DEP	WVDEP Emergency Response Hotline	800-642-3074			
Ohio Health Department		614-466-3543			
For public health emergencies, contact the local health department	See local section above				
Federal					
National Response Center	National Response Center	800.424.8802	800.424.8802		
U.S. EPA – Region 5	U.S. EPA Region 5	312.353.2318 (24-hr spill number)	312.353.2318		
U.S. EPA – Region 5	OSC Betsy Nightingale	734-770-8402	734-692-7665	nightingale.elizabeth@epa.gov	
U.S. EPA – Region 3	U.S. EPA Region 3	215-814-9016 (24-hr spill number)	800-621-8431		
U.S. EPA – Region 3	OSC Debbie Lindsay	(304) 281-2569	(304) 234-0249	Lindsay.deborah@epa.gov	
U.S. EPA- ERT		732-321-6660			
USCG	Sector Ohio Valley	800.253.7465	502.779.5400		
USCG	Marine Safety Detachment (MSD) Pittsburgh	800-253-7465	412-644-5808		
USCG National Strike Team	Atlantic Strike Team	609.724.0008			
USCG National Strike Team	Gulf Strike Team	251.441.6601			

DOI (Region 5 contact)	U.S. Department of the Interior	215.266.5155	215.266.5155	Lindy_Nelson@ios.doi.gov	
DOI (Region 3 contact)	U.S. Department of the Interior	(215) 597-5378			
U.S. Army Corps of Engineers	Pittsburgh District Ohio River mile marker 0 to 127.2		412-395-7150		
U.S. Army Corps of Engineers	New Cumberland Dam Ohio River mile marker 54.3 Stratton, Ohio	740-537-2571			
U.S. Army Corps of Engineers	Pike Island Dam Ohio River mile marker 84.2 Wheeling, WV	304-277-2127			
U.S. Army Corps of Engineers	Hannibal Dam Ohio River mile marker 126.4 Hannibal, Ohio	740-483-2305			
NOAA – Pittsburgh PA Weather Forecast Office	192 Shafer Road Moon Township, PA 15108		412-262-1591		
USDA NFS- Wayne National Forest	27515 SR 7 Marietta OH 45750		740-373-9055		
NOAA Scientific Support Coordinator	Greg Schweitzer		206-849-9918	gregory.schweitzer@noaa.gov	
U.S FWS Field Spill Response Coordinator for Ohio	Jo Ann Banda	614-519-2701	614 416-8993 ext. 19	joann_banda@fws.gov	
U.S FWS Alternate Field Spill Response Coordinator for Ohio	Jenny Finfera	614-519-2701	614 416-8993 ext. 13	jennifer_finfera@fws.gov	
Hospitals					
Barnesville Hospital 639 W. Main Street, Barnesville, OH 43713	Belmont County		740-425-3941	http://www.barnesvillehospital.com/info/contact.php	
Belmont Community Hospital 4697 Harrison St., Bellaire, OH 43906	Belmont County		740-671-1200	https://wheelinghospital.org/facilities/bch/	
East Ohio Regional Hospital 90 North 4th Street, Martins Ferry, OH 43935	Belmont County		740 · 633 · 1100	http://www.ovmc-eorh.com/other-facilities/index.asp	
East Liverpool City Hospital 425 W. Fifth Street East Liverpool, OH 43920	Columbiana County		330-385-7200	http://www.elch.org/	
Salem Community Hospital 1995 East State Street Salem, Ohio 44460	Columbiana County		(330) 332-1551	http://www.salemhosp.com/getpage.php?name=salem-regional-medical-center	
Trinity Medical Center West 4000 Johnson Road, Steubenville, OH 43952	Jefferson County		740.264.8000	http://www.trinityhealth.com/about-us/about/facilities/	
No hospitals	Monroe County				

1. Incident name:	2. Operational Period # 2			ICS – 206 MEDICAL PLAN SE OHIO SUB-AREA SPILL RESPONSE PLAN
	From		To	

3. First Aid Stations

Name	Location	EMT (On-Site)		Phone	Radio
		Yes	No		
		<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>		

4. Transportation (Ground and/or Ambulance Services)

Name	Location	EMT (On-Site)		Phone	Radio
		Yes	No		
		<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>		

5. Hospitals

Name	Location	Helipad		Burn Center		Phone	Radio
		Yes	No	Yes	No		
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

6. Special Medical Emergency Procedures

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

1. Incident name: _____	2. Operational Period # 2				ICS – 223 HEALTH AND SAFETY MESSAGE SE OHIO SUB-AREA SPILL RESPONSE PLAN
	From	_____	To	_____	

3. Potential Hazards

4. General Safety Concerns

5. Additional Information

A site-specific health & safety plan must be developed at the onset of a response action to ensure the health and safety of response personnel. The FOSC is responsible for the overall site health and safety concerns. The FOSC or his/her delegate, should monitor all health and safety related issues. Safety guidelines concerning worker health and safety are outlined in 29 CFR 1910.120 and shall be consulted in the development of the health and safety plan.

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

1. Incident name: _____	2. Operational Period # 2				ICS – 214 UNIT ACTIVITY LOG SE OHIO SUB-AREA SPILL RESPONSE PLAN
	From	_____	To	_____	
3. Unit name: _____	4. Unit Leader: _____				

5. Instructions for completing the form

Field #	Field Title	Instructions
1.	Unit Name	For individuals: Enter tactical call (e.g. Checkpoint #, County EOC, etc.) or position name For teams: Enter the name of the organization unit or tactical call sign or resource designator
2.	Unit Leader	For individuals: Enter your name and call sign For teams: Enter the name, call sign and ICS position of the individual in charge of the unit
3.	Personnel Assigned	For individuals: Leave blank For teams: List the name, ICS position and home base/city of each member assigned to the unit during the operation period
4.	Activity Log	Time: Enter the local time 24-hour format Activity: Briefly describe each significant activity or event (e.g. task assignments, task completions, injuries, difficulties encountered, etc.).

6. Personnel Assigned

NAME	ICS POSITION	HOME BASE/ CITY

7. Activity Log

TIME	MAJOR EVENTS

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

ATTACHMENT 1

SENSITIVE ENVIRONMENTAL, ECONOMIC AND CULTURAL AREAS

SE OHIO SUB-AREA RESPONSE PLAN OHIO RIVER MILE MARKERS 40.1-127.2

The Ohio River and its tributaries are home to numerous productive, diverse, and valuable natural resources that have ecological or biological significance; features and structures valued for recreational or commercial purposes; and sites that have cultural, historical, archaeological or anthropological importance. Such resources may be designated as environmentally sensitive or economically important areas. Federal and state laws that mandate their protection from the impacts of oil spills discharges and hazardous substance releases are in place. The protection of sensitive environmental, economic, and cultural areas, as well as human health, are the primary goals when responding to an incident. During such events, response managers attempt to quickly identify locations of concern and develop strategies to protect them.

In EPA Region 5, environmentally and economically sensitive areas are identified in the Inland Sensitivity Atlas series, a set of Geographic Information System (GIS) products intended to provide contingency planners and spill responders in Region 5 with the most accurate and relevant information possible for spill preparedness and response. The atlas series includes data about sensitive environmental, economic, and cultural resources; potential spill sources; and response resources within US EPA Region 5, including portions of the basins of the Upper Mississippi River, the Ohio River, and the Great Lakes. GIS products from this joint effort are made available as paper atlases and in digital format, including an [online Inland Sensitivity Atlas viewer](#) and publications on CD-ROM. A screenshot of the Inland Sensitivity Atlas for the SE Ohio Area is included below the text for this section.

Information mapped includes:

- species data including Federal and State threatened and endangered species
- Federal, State, Regional, and privately-owned and managed natural resource areas
- Tribal Lands
- Federal, State, Regional, and private designations of natural resource areas (no ownership)
- drinking water intakes
- industrial water intakes
- locks and dams
- marinas and boat accesses
- oil storage above 42,000 gallons and oil pipelines

- Federal, State and Tribal Trustees

Types of environmentally and economically sensitive areas are detailed below, including agencies and programs that can be contacted for further information. Owners/operators are required to incorporate information on locally managed environmentally and economically sensitive areas into their FRPs.

1. Environmentally Sensitive Areas

The term “environmentally sensitive areas” refers to environments that may be considered habitat to fish and wildlife or contain significant biological resources other than fish and wildlife. Higher priority for protection may be given to habitat of threatened or endangered species. Examples of environmentally sensitive areas include, but are not limited to wetlands and forest preserves.

1.1 Fish, Wildlife and Plants

USFWS Field Response Coordinators are the primary Federal contact for information about migratory birds, endangered and threatened species, and fish and wildlife at risk as a result of spills in the inland and coastal zones. See the Region 5 Regional Contingency Plan/Area Contingency Plan for further information.

Each State has fisheries and wildlife biologists, who may be assigned to a Department of Natural Resources or other State agency. They can be identified through State emergency response agencies or USFWS Pollution Response Coordinators.

The Inland Sensitivity Atlas includes inventories developed by each State’s Natural Heritage or Natural Features Inventory.

The [Great Lakes Indian Fish and Wildlife Commission](#) (GLIFWC) can be a source of technical assistance in understanding Native American fish and wildlife management and cultural values. Another source of valuable information is the [National Animal Poison Control Center](#).

Sea Grant Universities and Extension Agents may be a source of local knowledge outside the public sector. These agents have contact with local scientists, fishermen, environmental groups, and other sources that may supplement information provided by regulatory agencies. They can be contacted through the NOAA SSC.

1.2 Protected Habitat

Information on protected habitat and economically and environmentally sensitive environments is included in the EPA Region 5 Regional Contingency Plan/Area Contingency Plan. That plan contains an Ohio River index which contains detailed information, in digital format, regarding the environmentally and economically sensitive areas, and Tribal interests. Descriptive information, maps, and emergency contact lists are also included. The text in the indices provides further instructions on accessing the data available on the disks.

A variety of protected areas such as forests, parks, preserves, reserves, and management areas are managed by public or private organizations such as The Nature Conservancy/Heritage Foundation. Additional sources of this information include Federal or State land management agencies, which include the Departments of the Interior, Agriculture, and Commerce at the Federal level and their counterparts at the State and local levels.

Habitat Fact sheet are available at this link -<http://umrba.org/spillplans.htm>.

These describe procedures to decontaminate the following habitats if contaminated with oil:

- 1) Deep Marsh Annual
- 2) Deep Marsh Perennial
- 3) Open Water
- 4) Populus Community
- 5) Rooted-Floating Aquatics
- 6) Sedge Meadow
- 7) Shallow Marsh Annual
- 8) Shallow Marsh Perennial
- 9) Submersed Vegetation
- 10) Wet Meadow

2. Economically Important Areas

The term “economically important areas” refers to environments that are susceptible to the direct impacts of oil and hazardous substances due to the economic value of the natural resources (i.e., both a recreational and commercial perspective). A boat marina is an example of a recreational type of an economically important area, and a surface water intake for a power plant is an example of the commercial type of an economically important area.

3. Culturally Important Areas

The term “culturally important areas” refers to areas that have a recognized cultural, historic, archaeological, or anthropological significance. Examples of culturally important areas include, but are not limited to Native American burial grounds and national landmarks.

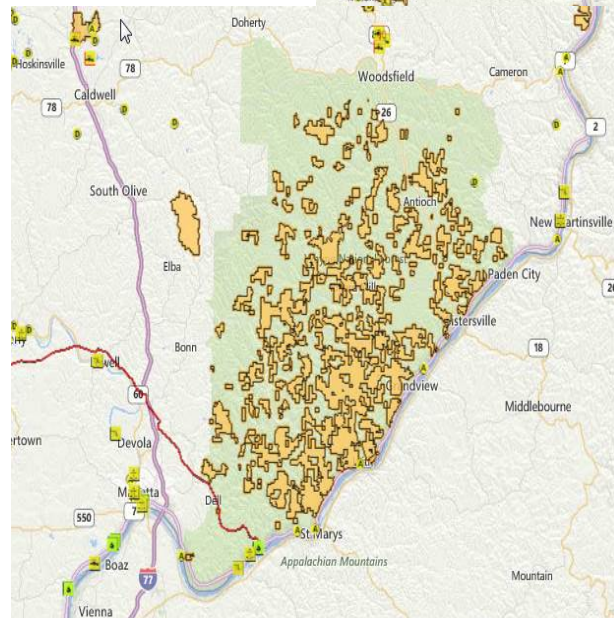
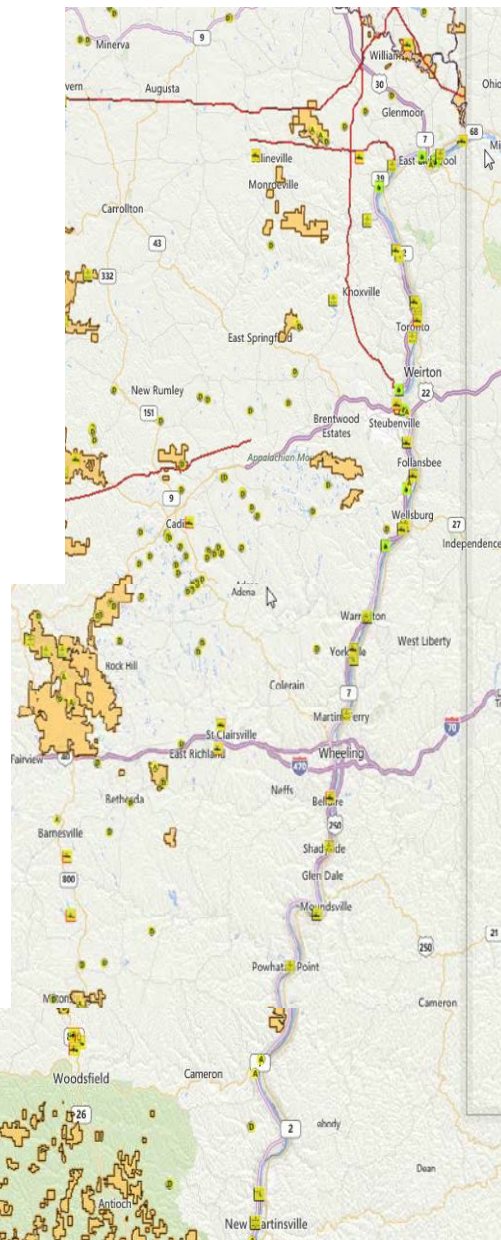
Identification of culturally sensitive sites in the vicinity of a spill can be accomplished by contacting the appropriate State Historic Preservation Officer (SHPO). This individual is generally associated with the State Historical Preservation Office or Society, which may or may not be within a department of State government. The contact for Ohio is provided in the table below.

State	SHPO Contact	SHPO Website
Ohio	Burt Logan (614) 298-2000 ohpo@ohiohistory.org	www.ohiohistory.org/state-historic-preservation-office/historic-preservation-office-staff

The National Parks Service (NPS) has responsibility for sites located on Federal lands within the Region. NPS maintains a registry of historically and culturally significant resources, the National Register of Historic Places, which can be

accessed via the National Register Information System at www.nps.gov/nr/research.

Specific procedures and Federal OSC responsibilities regarding these sites are set forth in the [Programmatic Agreement on Protection of Historic Properties During Emergency Response](#). Further information about the NPS History and Culture program can be found at www.nps.gov/history



MAP LEGEND

SENSITIVE SPECIES



Aquatic/Riparian Zone



Plant



Bird



Amphibian and/or Reptile



Mammal



Invertebrate



Fish



Natural Community



Terrestrial Zone



Plant



Bird



Amphibian and/or Reptile



Mammal



Invertebrate



Natural Community



Multiple Species Grouping



Icon Indicating Threatened or Endangered Status

NATURAL RESOURCE AREAS



Federal Managed Area



State Managed Area



Regional Managed Area



Private Managed Area



Other Environmentally Sensitive Aquatic Area



Other Environmentally Sensitive Terrestrial Area



Sole Source Aquifers



Tribal Land



Federal Designated Area



State Designated Area



Regional Designated Area



Private Designated Area



Trout Stream

OTHER SENSITIVE RESOURCES



Marina



Navigational Lock or Dam



Water Intake (nonpotable)



Water Intake (potable)

SHORELINE SENSITIVITY

Low Sensitivity

Low-Medium Sensitivity

Medium-High Sensitivity

High Sensitivity

POTENTIAL SPILL SOURCES



Fixed Oil Storage Facility



Marine Transfer Facility and/or Facility with more than 1 million gallons



Hazardous Materials Site



Pipeline

RESPONSE STRATEGIES



Containment Site



Diversion Site



Exclusion Site



Other Site



Boom Cache



Outfall Site

RESPONSE CONSIDERATIONS



Boat Access



Non-navigational Dam



Historic Site (Data only, not shown on maps)

BOUNDARY DESIGNATIONS



County Boundary



EPA/Coast Guard Jurisdictional Boundary



Pipeline Inset Boundary

ATTACHMENT 2 US EPA MULTIREGIONAL RESPONSE POLICY

SE OHIO SUB-AREA RESPONSE PLAN OHIO RIVER MILE MARKERS 40.1-127

Multi-Regional Responses

For U.S. EPA-lead responses, the region in which an incident originates will respond as the lead region, provide a pre-designated FOSC, and initiate response operations including the notification of all appropriate government agencies, Regional Response Teams (RRTs) and affected parties within the anticipated area of impact. If a discharge or release moves from the area covered by one ACP or RCP into another area, the authority for response actions should likewise shift. If a discharge or release affects areas covered by two or more RCPs or ACPs, the response mechanisms of each applicable plan may be activated. In this case, response actions of all areas concerned shall be fully coordinated as detailed in the RCPs, ACPs, and per existing MOUs.

There shall be only one FOSC at any time during the course of a specific response operation. Should a discharge or release affect two or more areas, the U.S. EPA, the USCG or other LFA, as appropriate, shall give prime consideration to the area vulnerable to the greatest threat, in determining which agency should provide the FOSC. The RRTs shall designate the FOSC if the RRT member agencies that have response authority within the affected areas are unable to agree on the designation. The National Response Team (NRT) shall designate the FOSC if members of one RRT or two adjacent RRTs are unable to agree on the designation.

U.S. EPA Regions 3, 4, and 5 and the USCG have signed MOUs in place for cross regional support that clarify jurisdiction authority, establish mutual aid for cross-regional emergency and removal response activities, and further clarify regional responsibility based on spill origin in boundary zones. RCPs can be located at:

- Region 3 <http://www.rrt3.nrt.org/>
- Region 4 http://www.nrt.org/production/NRT/RRTHome.nsf/Allpages/newrrt_iv-opsmanual.htm
- Region 5 <http://www.rrt5.org/plans.php>

**ATTACHMENT 3
DOCUMENTS INCORPORATED BY REFERENCE**

**SE OHIO SUB-AREA RESPONSE PLAN
OHIO RIVER MILE MARKERS 40.1-127**

RESPONSE PLANS

National Contingency Plan

<http://www.epa.gov/osweroc1/content/lawsregs/ncpover.htm>

U.S. EPA Region 5 Regional Contingency Plan/Area Contingency Plan

http://www.rrt5.org/acp/body/Region5ACP-RCP_revMay2011.pdf

U.S. EPA Region 3

Southwest Pennsylvania/Wheeling Sub-Area Contingency Plan

(Document available on the epaosc.org website for the SE-Ohio Area)

U.S. EPA Region 4

Ohio River Umbrella Plan

(Document available on the epaosc.org website for the SE-Ohio Area)

MOU between US EPA and USCG

OTHER RESOURCES

ATTACHMENT 4

OVERVIEW MAP OF AREA OF RESPONSE

SE OHIO SUB-AREA RESPONSE PLAN OHIO RIVER MILE MARKERS 40.1-127



ATTACHMENT 5

**TACTICAL RESPONSE PLAN
(LINK TO LIVE MAPS AVAILABLE AT ON THE U.S. EPA PROJECT
WEBSITE)**

**SE OHIO SUB-AREA RESPONSE PLAN
OHIO RIVER MILE MARKERS 40.1-127.2**

SECTION IS CURRENTLY UNDER DEVELOPMENT

ATTACHMENT 6

LIST OF RESPONSE CONTRACTORS

**SE OHIO SUB-AREA RESPONSE PLAN
OHIO RIVER MILE MARKERS 40.1-127.2**

This is not a certification, approval, or endorsement of any company or their qualifications

COMPANY	CITY	DIST	24 HOUR PH.	DAY PH.
1ST Response	Erie, MI	NW	734-848-8078	
A & B Sanitation Service	Columbus, OH	CD	614-471-8060	614-471-1535
A & J Cinson Construction	Malvern, OH	NE	330-863-1225	
Air Monitors Inc	Detroit, MI	NW	313-400-4966	
Allied Environmental Services	Lima, OH	NW	800-992-5781	419-227-4004
Appalachian Oilfield Services	New Matamoras, OH	SE	888-963-0311	
Arrow Material Products	Coal Grove, OH	SE		614-532-6143
B & L Contractors	Ashland, KY	SE	606-928-0132	606-329-1838
B & P Enterprises	Amelia, OH	SW	513-305-4075	662-781-2780
BBU Services	Lancaster, OH	CD	800-837-8064	740-681-9902
BHE Environmental	Cincinnati, OH	SW	513-621-2433	513-326-1500
Baxter Trucking	Chillicothe, OH	SE	740-884-4385	740-856-4385
Bio-Safe Southern Ohio	Bainbridge, OH	SE	740-634-3988	740-253-6984
CTEH	Little Rock, AR		866-869-2834	501-614-2834
C&W Tank Cleaning	Oregon, OH	NW	419-691-1995	
Carper Well Service	Reno, OH	SE	740-374-2567	
Champion Cleaning Specialists	Cincinnati, OH	SW	888-340-9080	513-871-8959
Chemtron	Avon, OH	NE	440-937-5950	440-937-6348
Clean Harbors	Cincinnati, OH	SW	800-805-4582	800-805-4582
Clean Harbors	Pittsburgh, PA	SE	800-645-8265	800-854-2821
Clean Harbors	Cleveland, OH	NE	800-645-8265	800-368-4244
Complete Waste Disposal	Chardon, OH	NE	440-286-8849	
Cousins Waste Control	Toledo, OH	NW	419-726-1500	
D&M Contracting	Randolph, OH	NE	800-334-0003	330-935-2801
DYNEX Industries	Farmington Park, MI	NW	888-396-3964	248-477-6066
E-Tank	Canton, OH	NE	888-703-8265	330-478-3270
SWS	Findlay, OH	NW	800-336-0909	419-425-5845
EAP Industries	Warren	NE	888-294-5227	
EES Group	Dublin, OH	CD	614-798-4118	
EMS	Columbus, OH	CD	877-816-9111	440-816-1107
EMS	Cleveland, OH	NE	877-816-9111	440-816-1107
EMS	Toledo, OH	NW	877-846-9111	419-837-2500
Empaco Equipment	Richfield, OH	NE	330-659-9393	330-659-9393
Enviro Excavation	Zanesville, OH	CD	740-872-3007	614-770-8951
Environmental Enterprises Inc	Cincinnati, OH	SW	800-392-1503	513-772-2818
Environmental Enterprises Inc	Columbus, OH	CD	877-683-7724	614-294-1300
Environmental Response Group	Taylor, MI	NW	734-941-4357	734-231-4316
Environmental Products & Services	Carnegie, PA	SE	800-307-7455	412-279-6040
Environmental Restoration	Cleveland, OH	NE	888-814-7477	440-550-9382
Elemental Services & Consulting	Powell, OH	OH	740-815-9660	
Enviroserve	Cleveland, OH	NE	216-642-1311	216-642-1311
Envirotech Environmental Services	Kingston, OH	NE	740-207-5441	740-207-1428
Evergreen Environmental	Cincinnati, OH	SW	888-625-5434	513-259-0155
EQ Industrial Services	Bowling Green, OH	NW	419-686-0600	419-686-0600
EQ Industrial Services	Ypsilanti, MI	NW	734-677-4809	
ERS Ft. Wayne	Ft. Wayne, IN	NW	260-489-7062	
ERS of OHIO	Bowling Green, OH	NW	419-354-0515	
Fee Corp	Canal Winchester, OH	CD	800-828-9942	614-837-3010
Green Charge	Columbus, OH	CD	855-855-2523	614-802-9118
Groundwater & Environmental Serv.	Hudson, OH	NE	330-653-5339	
HWR	Akron, Ohio	NE	330-644-2589	

Heritage Environmental Services	Toledo, OH	NW	419-729-1321	419-478-4396
Heritage Environmental Services	Cleveland, OH	NE	216-895-4056	
HMHTTC Response	Gary, IN		800-927-9303	973-770-6900
Hulcher Services	Millbury	NW	800-837-5471	800-859-8032
Hydro Technology	Delta, OH	NW	734-529-0200	
Hydro Technology	Dundee, MI	NW	734-529-0200	
Incident Management Solutions	Cadiz	SE	877-789-7745	740-942-3666
Inland Waters of Ohio	Cleveland, OH	NE	800-889-3949	216-861-3949
Interdyne Corp. TransVac	Lima, OH	NW	419-229-8192	
James H. McConkey	Malta, OH	SE	740-962-3147	740-962-3149
Judge's Sanitation & Excavation	Westerville, OH	CD	614-286-0783	
K & D	Mansfield, OH	CD	800-800-0430	419-526-2411
M.F. Brown	North Robinson, OH	NW	419-883-1803	
M & G	Minerva, OH	NE	330-888-5565	
MJW Towing & Recovery	Gallipolis, OH	SE	740-446-4060	740-446-4060
Marine Pollution Control	Detroit, MI	NW	800-521-8232	313-849-2333
McCutcheon Enterprises	Apollo, PA	SE	724-568-3623	
Metropolitan Environmental Services	Hilliard, OH	CD	614-771-1881	800-860-7378
Midwest Environmental Control	Toledo, OH	NW	419-382-9200	419-382-9200
Midwest Environmental Services	Cincinnati, OH	SW	877-999-7745	513-681-9990
Miller Environmental	Triadelphia, WV	SE	888-988-8655	304-830-1235
Minuteman Environmental	Niles, OH	NE	570-523-9708	
Mitchell Land Improvement	Salem, OH	NE	330-533-5693	
MPW	Hebron, OH	CD	800-827-8790	614-927-8790
National Response Corporation	Great River, NY		831-224-9141	831-224-9141
National Vacuum Corp	PA	NE	814-756-5889	814-756-5889
Naylor & Son's	Ft Wayne, IN	NW	219-436-2792	219-436-2792
Odyssey Environmental	Mineral Ridge, OH	NE	330-301-2656	330-398-3087
Ohio BioHazardous Recovery	Ohio		866-349-4024	
Ohio Oil Gathering	Frazeyburg, OH	SE	800-846-8642	
Pettit Environmental	West Chester, OH	SW	513-842-4757	
Phillips Environmental Services	Toledo, OH	NW	800-433-8754	419-726-1500
Premier Truck Sales	Cleveland, OH	NE	800-825-1255	
PSC	Toledo, OH	NW	419-726-1500	
Rader Environmental Services	Findlay, OH	NW	419-424-1222	
RCP	Columbus, OH	CD	614-763-0400	800-727-7233
RVI	Wooster, OH		937-6381369	330-263-6952
Reds Rollen Garage	Bidwell, OH	SE	740-388-8547	
Robertson's Excavating	Malvern, OH	NE	330-438-9702	330-863-0603
SES	Cincinnati, OH	SW	513-623-0487	513-874-8355
SRW Environmental	Milford, OH	SW	877-731-8362	513-576-0009
SWS	Findlay, OH	NW	800-336-0909	419-425-5845
Shaw Environmental	Findlay, OH	NW	800-537-9540	419-423-3526
Specialized Professional Services	Washington, PA	NE	1-877-228-7774	724-228-2700
Spill Tek	Vermillion, OH	NE	419-627-8634	440-967-8272
Streamside Environmental	Findlay, OH	NW	419-423-1290	
Summit Environmental	Evansville, IN	SW	877-421-1744	812-421-1744
Sunpro	North Canton, OH	NE	800-488-0910	330-966-0910
Superior Environmental Solutions	Ashland, KY	SE	513-874-8355	
Superior Environmental Solutions	Butler, IN	NW	513-874-8355	513-630-2391
Superior Environmental Solutions	Cincinnati, OH	SW	513-874-8355	513-630-2391
Superior Environmental Solutions	Ghent, MI	NW	513-874-8355	513-630-2391

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Superior Environmental Solutions	Livonia, MI	NW	513-874-8355	513-630-2391
Superior Environmental Solutions	Middletown, OH	SW	513-874-8355	513-630-2391
Superior Environmental Solutions	Vandalia, OH	SW	513-874-8355	513-630-2391
Terra Environmental	Kalamazoo, MI	NW	800-632-4176	616-375-9595
Total Safety	South Point, OH	SE	866-440-2096	740-377-2096
UST	Baltimore, OH	CD	800-878-1727	740-756-7887
Veolia	Dayton, OH	SW	800-688-4005	937-237-1097
WasteTron	Scioto, OH	SE	304-755-8448	800-352-1146
Weavertown Environmental Group	Cecil, PA	SE	800-746-4850	412-746-4850
Young's Environmental Cleanup	Wesland, MI	NW	800-496-8647	
Zemba Bros.	Zanesville, OH	SE	740-452-1880	740-455-6468
updated:04/06/2015				

ATTACHMENT 7
APPROVAL PROCEDURES FOR OIL SPILL ALTERNATIVE
COUNTERMEASURES

SE OHIO SUB-AREA RESPONSE PLAN
OHIO RIVER MILE MARKERS 40.1-127.2

Alternative countermeasures for oil spill response and remediation include the application of dispersants and other products, such as surface washing agents or surface collecting agents, which are usually solvents or surfactants that help dissolve or break up oil slicks on water. The application of bioremediation agents, which accelerate natural microbial degradation, is an alternative countermeasure. *In situ* burning, where spilled oil is corralled, ignited, and allowed to burn is another alternative.

Subpart J of the NCP – Use of Dispersants and Other Chemicals, contains the overall federal guidance for alternative countermeasures. The NCP states in Section 300.910, “RRTs and Area Committees shall address, as part of their planning activities, the desirability of using appropriate dispersants, surface washing agents, surface collecting agents, bioremediation agents, or miscellaneous oil spill control agents listed on the NCP Product Schedule, and the desirability of using appropriate burning agents.” The beneficial and negative impacts of alternative countermeasures must be weighed when considering their use.

1. Use of Chemical Agents

The OSC must choose the best method from the available response tools in any incident. The physical recovery and removal of oil is the preferred cleanup technique. Under certain conditions, however, chemical agents can be an effective tool. There are no pre-approved uses of chemical agents in Region 5. If chemical use is considered, the guidelines below are intended to aid the OSC in making a decision. Use of chemical agents is not pre-approved in Region 5.

US EPA has compiled the [NCP Product Schedule](#), a list of dispersants and other chemicals which the OSC and/or PRP may consider for use during a spill emergency. The Product Schedule does not authorize or pre-approve use of any of the listed products. Use of dispersants or other oil emulsifiers is not pre-approved anywhere in Region 5 and is not likely to be allowed because of the limited dilution available in fresh waters, the use of freshwaters as a water supply, the limited toxicology information available for dispersants in fresh water, and the limited information available as to fresh water effectiveness of dispersants. The OSC may not authorize use of a product that is not listed on the Product Schedule.

Sinking agents shall not be used in US EPA Region 5. US EPA Region 5 does not promote the use of dispersants or other oil emulsifiers as they do not work in fresh water.

The use of

- surface collecting agents
- biological additives
- burning agents
- miscellaneous oil spill control agents

on surface waters, particularly near sensitive wetland or water supplies (fresh water systems) must be approved by State and/or Federal Agencies. Such use adds to the potential for serious impact of already released petroleum products. This stance is necessary to protect subsurface water intakes (potable and non-potable).

The Region does recognize, however, that as a last resort, such agents may have some limited applicability. An example of a situation in which chemical use might be considered for reasons other than protection of human life is during the migratory season, when significant migratory bird or endangered species populations are in danger of becoming oiled.

More information on Region 5's chemical use guidelines is available here:
<http://www.rrt5.org/RCPACPMMain/RCPACPAAppendices/ChemicalUseGuidelines.aspx>

1.1 Application Steps for Use of Chemical Spill Control Agent

The OSC may authorize or is authorized to use any chemical product without requesting permission if its use is necessary to prevent or substantially reduce a hazard to human life. The RRT should be notified as soon as practicable. In situations where a human hazard is not present, the OSC must receive the concurrence of

- the RRT Co-Chair, and
- the RRT representative(s) of the affected State(s), in consultation with
- the DOI RRT member (and, where the Great Lakes are affected, the DOC RRT member, where practicable)

before authorizing use of a listed product.

The OSC may consult with the NOAA or US EPA Scientific Support Coordinator (SSC) prior to chemical agent application in US EPA Region 5. The NOAA and US EPA SSCs provide

- oil spill modeling results,
- interpretation of ESI maps,
- location of sensitive areas,
- chemical effects, and
- environmental risks.

The OSC will request approval from the RRT to use chemicals on behalf of the spiller. Use of chemicals on a Regional boundary should include the appropriate

RRT members of the bordering Region. The RRT shall be notified of any chemical use as soon as practicable.

1.2 Chemical Use Checklist

The OSC/RPM will supply the appropriate members of the RRT with the information contained in the [Chemical Use Checklist](#). The checklist provides information concerning the circumstances of the spill, trajectories, environmental resources at risk, and available decision makers with the information necessary to make a decision on the use of chemical agents.

2. In Situ Burning

ISB, is defined in the EPA Region 5 ACP/RCP as the use of an ignition source to initiate the combustion of spilled oil that will burn due to its intrinsic properties and does not include the adding of a burning agent to sustain the burn.

The use of ISB in this annex is not for disposal purposes; rather, it is a response technique to be employed when an oil spill is virtually uncontrolled with the potential to spread and contaminate additional areas. It should also be considered as a cleanup technique for oiled habitats such as wetlands, where it is used in conjunction with other cleanup methods.

Under certain specific conditions, In Situ Burning (ISB) may offer a logistically simple, rapid, inexpensive, and relatively safe means for reducing impacts of an oil spill. Moreover, because a large portion of burned oil is converted to gaseous combustion products, the need for collection, storage, transport, and disposal of recovered material can be substantially reduced. ISB may be able to remove a large amount of spilled oil before the spreading and drifting of spilled oil fouls shorelines and threatens wildlife. In certain circumstances, such as oil spilled in ice conditions, burning may be the single viable response technique.

The Region 5 RRT acts as the regional coordinating body for response actions. For responses under the direct oversight of an FOSC requirements for ISB are listed below.

- 1) The appropriate state's approval is always required. In Region 5, the use of ISB as a response tool will be subject to State law and policy. When burning agents are used this is a requirement of the NCP.
- 2) In accordance with (IAW) the NCP, US EPA must concur with the FOSCs recommendation to authorize the use of ISB. When burning agents are used this is a requirement of the NCP.
- 3) As a natural resource trustee, the Department of Interior (DOI) should be consulted with the decision to conduct ISB during a spill response overseen by a FOSC. The responsibility of concurrence is given to DOI as a federal natural resource trustee and because of its authorities, and potential assistance to the FOSC, regarding the Endangered Species Act (ESA) and potential representation of federally recognized tribal governments.
- 4) As a natural resource trustee, the Department of Commerce (DOC)/National Oceanic and Atmospheric Administration (NOAA) should be consulted when considering ISB. Notification should be from the RRT

- Co-Chairs via the DOC RRT member. NOAA Scientific Support Coordinator (SSC) should be contacted to assist in the decision- making process and may provide resources at risk.
- 5) Tribal agency official(s) must be consulted on any decision to use ISB when a burn would reasonably be expected to impact those designated areas of tribal interests.
 - 6) Approval must also be in concert with Canadian federal government officials, adjoining states and/or provinces, and local officials with approving jurisdictions, where deemed appropriate or necessary.

EPA Region 5's full policy on in situ burning, and a RRT meeting request form are located in an annex to the Region 5 ACP/RCP, and can be found here:
www.rrt5.org/RCPACPMMain/RCPACPAppendices/InSituBurning.aspx

ATTACHMENT 8
COUNTY INFORMATION SHEETS

SE OHIO SUB-AREA RESPONSE PLAN
OHIO RIVER MILE MARKERS 40.1-127.2

Fact Sheet:

Columbiana County, OH

<div>Ohio Emergency Management Agency/ State Emergency Operation Center: (24 hour) 614-889-7150</div> <div>Ohio Health Department: Ph: 614-466-3543</div> <div>For Public Health Emerg. Contact the County Health Department Ph: 330-424-9514</div> <div>Ohio EPA Hot Line 24 hour: 800-282-9378</div> <div>Southeast District Office- Logan, OH - Emergency Response Unit: (740) 385-8501</div> <div>Ohio Chief of Homeland Security: 614-387-6171</div> <div>US EPA Planning OSC: Betsy Nightingale Office: 734-692-7665 Cell: 734-770-8402 E-Mail: nightingale.elizabeth@epa.gov</div> <div>Alternate OSCs: James Justice Office: 440-250-1744 Cell: 440-476-7694 E-Mail: Justice.James@epa.gov</div> <div>Updated 5/17/16</div>	CONTACTS:	Water Bodies	Pipelines: Natural Gas and Refined Petroleum		Defense Site Locations		<div>COUNTY MAP:</div> 
	Primary County POC: CO Sheriff, 330-424-7255 EMA Director: Luke Newbold, 330-424-9725 LEPC: Willie Brantingham 330-424-0861 County Commissioners: 330-424-9511 County Clerk: 330-424-7777 County Treasurer: 330-424-9514 Health Department: 330-424-0272 http://www.columbianacounty.org Emergency: 911	Bull Creek Cherry Valley Run Cold Run East Branch Middle Fork Little Beaver Creek Little Beaver Creek Little Yellow Creek Longs Run Mahoning River Middle Fork Little Beaver Creek North Fork Little Beaver Creek North Fork Yellow Creek Ohio River Riley Run Sandy Creek West Fork Little Beaver Creek Yellow Creek	Numerous pipelines in County – see: https://www.npms.phmsa.dot.gov/PublicViewer/ Natural Gas: Columbia Gas Transmission– 304-357-3171 Dominion East – 877-542-2630 Tennessee Gas Pipeline Company – 860-763-6027 Cobra – 440-255-1945 Hazardous Liquids: Marathon – 419-421-4600 Sunoco – 610-670-3266 Ergon Trucking – 601-933-3123 Utica East Ohio- 330-679-5547 Buckeye- 610-904-4113		None		
	HAZMAT TEAMS:	Electric Utilities	Gas Utilities	Water Utilities			
	Unknown	AEP - 800-672-2231 Ohio Edison/First Energy: 877-544-4877 Carroll Power Coop: 800-232-7697	Columbia Gas Emergency and General– 800-344-4077	Buckeye Water: 330-532-2448 East Liverpool Water Dept: 330-385-5050 Columbiana Water Dept: 330-482-2173			
	HOSPITALS WITH TRAUMA CENTERS:	Trauma Center		Closest Burn Unit			
	None in County. St. Elizabeth Health Center in Mahoning County has a Level 1 trauma center for adults	St Elizabeth Health Center - 1044 Belmont Ave, Youngstown, OH 44501. (Ph. (330) 792-7418))		West Penn Burn Center – The Western Pennsylvania Hospital, 4800 Friendship Avenue, Pittsburgh, PA, 15224. (Ph. 412-578-5273)			
	OTHER HOSPITALS:	Salem Community Hospital	East Liverpool City Hospital				
	Salem Community Hospital						
	East Liverpool City Hospital						
	DRINKING WATER INTAKES	Drinking Water Intakes		Municipal WWTP/ FRP Facilities /TRI Facilities			

			<table><tr><th>Name</th><th>Address</th><th>City</th></tr><tr><td>BUCKEYE TRANSFER INC</td><td>41738 ESTERLY DR</td><td>COLUMBIANA</td></tr><tr><td>COL PUMP CO</td><td>131 E. RAILROAD ST.</td><td>COLUMBIANA</td></tr><tr><td>COLUMBIANA FOUNDRY CO</td><td>501 LISBON RD.</td><td>COLUMBIANA</td></tr><tr><td>HUMTOWN PATTERN CO</td><td>44708 COLUMBIANA WATERFORD ROAD</td><td>COLUMBIANA</td></tr><tr><td>SPECIALTY CERAMICS INC *</td><td>41995 STATE ROUTE 344</td><td>COLUMBIANA</td></tr><tr><td>U.S. CAN BALLONOFF</td><td>41969 WEST PARK AVENUE</td><td>COLUMBIANA</td></tr><tr><td>FERRO CORP. PORCELAIN PLANT</td><td>1230 RAILROAD ST.</td><td>EAST LIVERPOOL</td></tr><tr><td>HERITAGE THERMAL SERVICES</td><td>1250 ST GEORGE ST</td><td>EAST LIVERPOOL</td></tr><tr><td>MASON COLOR WORKS INC</td><td>250 E. 2ND ST.</td><td>EAST LIVERPOOL</td></tr><tr><td>WALLOVER OIL CO INC</td><td>450 MULBERRY ST</td><td>EAST LIVERPOOL</td></tr><tr><td>AMERICAN RUNNER CO</td><td>200 JAMES ST</td><td>EAST PALESTINE</td></tr><tr><td>EAST PALESTINE CHINA</td><td>870 WEST MAIN ST</td><td>EAST PALESTINE</td></tr><tr><td>ETHAN ALLEN INC. KENMAR DIV.</td><td>795 E. MARTIN ST.</td><td>EAST PALESTINE</td></tr><tr><td>SMS MILLCRAFT</td><td>49560 STATE ROUTE 14</td><td>EAST PALESTINE</td></tr><tr><td>FEDERAL CORRECTIONAL INSTITUTION</td><td>8730 SCROGGS ROAD</td><td>ELKTON</td></tr><tr><td>WINONA MANUFACTURING CORP NATIONAL TORCH TIP</td><td>10201 FIRST ST.</td><td>HANOVERTON</td></tr><tr><td>GEI OF COLUMBIANA</td><td>1 COMMERCE AVE</td><td>LEETONIA</td></tr><tr><td>ALBCO FOUNDRY INC</td><td>230 W. MAPLE ST.</td><td>LISBON</td></tr><tr><td>LAKEWOOD CHEMICAL & SUPPLY CO.</td><td>1252 NEGLEY-DARLINGTON RD.</td><td>NEGLEY</td></tr><tr><td>ALLIANCE TUBULAR PRODUCTS CO</td><td>1729 S LINCOLN</td><td>SALEM</td></tr><tr><td>AMERICAN STANDARD INC</td><td>605 S. ELLSWORTH AVE.</td><td>SALEM</td></tr></table>	Name	Address	City	BUCKEYE TRANSFER INC	41738 ESTERLY DR	COLUMBIANA	COL PUMP CO	131 E. RAILROAD ST.	COLUMBIANA	COLUMBIANA FOUNDRY CO	501 LISBON RD.	COLUMBIANA	HUMTOWN PATTERN CO	44708 COLUMBIANA WATERFORD ROAD	COLUMBIANA	SPECIALTY CERAMICS INC *	41995 STATE ROUTE 344	COLUMBIANA	U.S. CAN BALLONOFF	41969 WEST PARK AVENUE	COLUMBIANA	FERRO CORP. PORCELAIN PLANT	1230 RAILROAD ST.	EAST LIVERPOOL	HERITAGE THERMAL SERVICES	1250 ST GEORGE ST	EAST LIVERPOOL	MASON COLOR WORKS INC	250 E. 2ND ST.	EAST LIVERPOOL	WALLOVER OIL CO INC	450 MULBERRY ST	EAST LIVERPOOL	AMERICAN RUNNER CO	200 JAMES ST	EAST PALESTINE	EAST PALESTINE CHINA	870 WEST MAIN ST	EAST PALESTINE	ETHAN ALLEN INC. KENMAR DIV.	795 E. MARTIN ST.	EAST PALESTINE	SMS MILLCRAFT	49560 STATE ROUTE 14	EAST PALESTINE	FEDERAL CORRECTIONAL INSTITUTION	8730 SCROGGS ROAD	ELKTON	WINONA MANUFACTURING CORP NATIONAL TORCH TIP	10201 FIRST ST.	HANOVERTON	GEI OF COLUMBIANA	1 COMMERCE AVE	LEETONIA	ALBCO FOUNDRY INC	230 W. MAPLE ST.	LISBON	LAKEWOOD CHEMICAL & SUPPLY CO.	1252 NEGLEY-DARLINGTON RD.	NEGLEY	ALLIANCE TUBULAR PRODUCTS CO	1729 S LINCOLN	SALEM	AMERICAN STANDARD INC	605 S. ELLSWORTH AVE.	SALEM		
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SENSITIVE POPULATIONS:	National and State Parks	Local Parks	APPLICABLE RESPONSE PLANS:																																				
Special Populations:	Beaver Creek State Park in East Liverpool; Guilford Lake State Park in Lisbon; Beaver Creek State Forest; Firestone–Yeagley State Wildlife Area; Highlandtown State Wildlife Area; Sheepskin Hollow State Nature Preserve; Yellow Creek State Forest; Zepernick State Wildlife Area	Hellbender Bluff County Park; Scenic Vista County Park	<u>Federal:</u> <ul style="list-style-type: none">Region 5 Regional Contingency Plan/Area Contingency PlanSE Ohio Sub-Area Response Plan <u>State:</u> <ul style="list-style-type: none">Ohio Emergency Operations Plan <u>County:</u> <ul style="list-style-type: none">Unknown <u>Other:</u>																																				
SOURCES OF RESPONSE EQUIPMENT:	County Summary Columbiana County was founded in 1803, and named after Christopher Columbus. As of the 2010 census , the population was 107,841. The county seat is Lisbon . Columbiana County comprises the Salem , Ohio Micropolitan Statistical Area , which is also included in the Youngstown–Warren, OH-PA Combined Statistical Area . It also abuts the Pittsburgh area directly to the east and south. Pittsburgh International Airport is only a 35-minute drive southeast of East Liverpool, while Downtown Pittsburgh is only 50 minutes away. Due to its location, Columbiana County is traditionally considered part of both Appalachian Ohio and the Steel Valley , sharing more in common culturally with neighboring Western Pennsylvania and West Virginia (both of which are also part of Appalachia) than much of Northeast Ohio in general (https://en.wikipedia.org/wiki/Columbiana_County,_Ohio).																																						
National Strike Force Response Inventory, OSRO Contractors, EPA Equipment Inventory																																							
MISCELLANEOUS:																																							
NO DATA IN THIS CELL																																							

Fact Sheet:

Jefferson County, Ohio

**Ohio Emergency
Management Agency/
State Emergency
Operation Center:
(24 hour) 614-889-7150**

Ohio Health Department:
Ph: 614-466-3543

**For Public Health
Emerg. Contact the
County Health
Department
Ph: 740.264.4150**

Ohio EPA Hot Line
24 hour: 800-282-9378

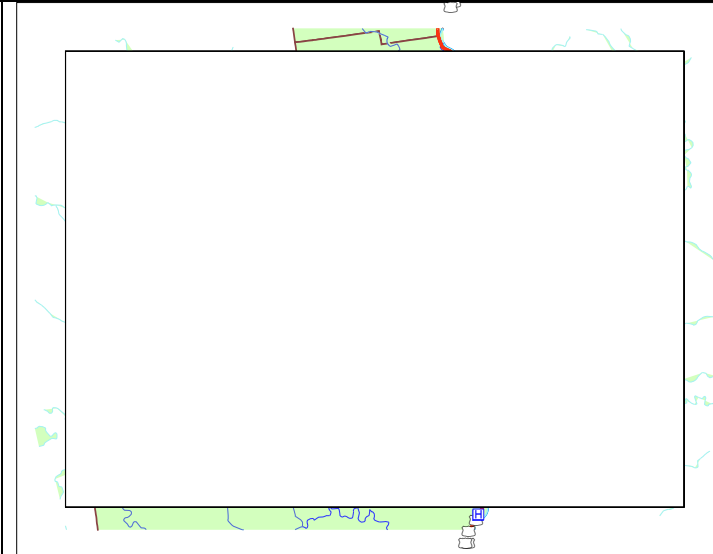
**Southeast District
Office- Logan, OH -
Emergency Response
Unit: (740) 385-8501**

**Ohio Chief of Homeland
Security: 614-387-6171**

US EPA Planning OSC:
Betsy Nightingale
Office: 734-692-7665
Cell: 734-770-8402
E-Mail:

Alternate OSC:
James Justice
Office: 440-250-1744
Cell: 440-476-7694
E-Mail: Justice.James@epa.gov

Updated 5/17/16

CONTACTS: Primary County POC: CO Sheriff, 740.283.8600 EMA Director: John Parker, 740-264-4646 LEPC: Rob Harrington 740.266.4150 County Commissioners: 740-283-8500 County Auditor: 740-283-8511 County Treasurer: 740-283-8572 Health Department: 740.283.8530 http://www.jeffersoncountyoh.com/ContactUs.aspx Emergency: 911/ (740)266-4150		Water Bodies Buffalo Creek Cross Creek Elkhorn Creek Harmon Creek Island Creek Kings Creek Little Short Creek McIntyre Creek North Fork Short Creek North Fork Yellow Creek Ohio River Piney Fork Rippy Run Rush Run Short Creek Tomlinson Run Town Fork Upper North Fork Yellow Creek		Pipelines: Natural Gas and Refined Petroleum Numerous pipelines in County – see: https://www.npms.phmsa.dot.gov/PublicViewer/ Natural Gas: Columbia Gas Transmission– 304-357-3171 Dominion East – 877-542-2630 Hazardous Liquids: Marathon – 419-421-4600 Utica East Ohio- 330-679-5547 TEPPCO (Enterprise Products Operating LLC) -(713) 381-2802 ATEX (Enterprise Products Operating LLC) -(713) 381-2802		Defense Site Locations None		COUNTY MAP: 			
HAZMAT TEAMS:		Electric Utilities		Gas Utilities	Water Utilities						
Unknown		AEP (Ohio Power Co)- 800-672-2231 Carroll Power Coop: 800-232-7697 South Central Power: 800-282-506		Columbia Gas Emergency and General– 800-344-4077	City of Toronto: 740-537-2591 City of Steubenville: 740-283-6041 Other communities appear to purchase water from other sources.						
HOSPITALS WITH TRAUMA CENTERS:		Trauma Center			Closest Burn Unit						
None in County. St. Elizabeth Health Center in Youngstown (Mahoning County) has a Level 1 trauma center for adults. East Ohio Regional has a Level 3 trauma center.		St Elizabeth Health Center - 1044 Belmont Ave, Youngstown, OH 44501. (Ph. (330) 792-7418)) East Ohio Regional Hospital - 90 North 4th Street, Martins Ferry, OH 43935 Ph: 740 · 633 · 1100			West Penn Burn Center – The Western Pennsylvania Hospital, 4800 Friendship Avenue, Pittsburgh, PA, 15224. (Ph. 412-578-5273)						
OTHER HOSPITALS:		Trinity Medical Center West 4000 Johnson Road, Steubenville, OH 43952 Ph: 740.264.8000									
Trinity Medical Center West											
DRINKING WATER INTAKES		Drinking Water Intakes			Municipal WWTP/ FRP Facilities					COUNTY DESCRIPTION	

		<table><tr><td>HANCOCK MANUFACTURING CO INC</td><td>CLEVELAND AND 5TH STREET</td><td>TORONTO</td></tr><tr><td>TITANIUM METALS CORP</td><td>100 TITANIUM WAY</td><td>TORONTO</td></tr><tr><td>OHIO COLD ROLLING COMPANY LLC</td><td>219 PUBLIC RD</td><td>YORKVILLE</td></tr></table>	HANCOCK MANUFACTURING CO INC	CLEVELAND AND 5TH STREET	TORONTO	TITANIUM METALS CORP	100 TITANIUM WAY	TORONTO	OHIO COLD ROLLING COMPANY LLC	219 PUBLIC RD	YORKVILLE	
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SENSITIVE POPULATIONS:	National and State Parks	Local Parks	APPLICABLE RESPONSE PLANS:									
Special Populations:	Brush Creek (State Wildlife Area); Fernwood (State Forest); Guilford Lake (State Park); Jefferson Lake (State Park); Keen (State Wildlife Area) (http://trekohio.com/jefferson/)	Friendship Park (County Park)	<u>Federal:</u> <ul style="list-style-type: none">Region 5 Regional Contingency Plan/Area Contingency PlanSE Ohio Sub-Area Response Plan <u>State:</u> <ul style="list-style-type: none">Ohio Emergency Operations Plan <u>County:</u> <ul style="list-style-type: none">Unknown <u>Other:</u>									
SOURCES OF RESPONSE EQUIPMENT:												
National Strike Force Response Inventory, OSRO Contractors, EPA Equipment Inventory												
MISCELLANEOUS:												
NO DATA IN THIS CELL	County Summary Jefferson County was founded in 1797. In 1786, the United States built Fort Steuben to protect the government surveyors mapping the land west of the Ohio River. When the surveyors completed their task a few years later, the fort was abandoned. In the meantime, settlers had built homes around the fort; they named their settlement La Belle. When the County was created in 1797, La Belle was selected as the County seat. The town was subsequently renamed Steubenville, in honor of the abandoned fort. During the first half of the nineteenth century, Steubenville was primarily a port town, and the rest of the county consisted of small villages and farms. However, in 1856, Frazier, Kilgore and Company erected a rolling mill (the forerunner of steel mills) and the Steubenville Coal and Mining Company sank a coal shaft, resulting in Jefferson County becoming one of the leading centers of the new Industrial Revolution. Jefferson County's population has declined to 70% of its 1960 figure as its manufacturing base collapsed over the last few decades (https://en.wikipedia.org/wiki/Jefferson_County,_Ohio).											

Fact Sheet:

Belmont County, Ohio

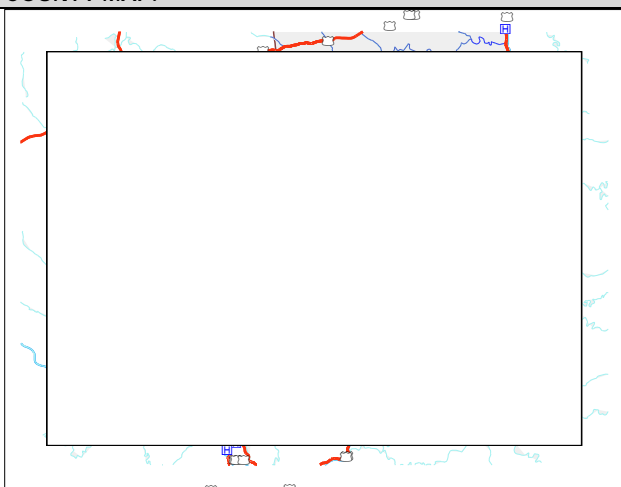
<div>Ohio Emergency Management Agency/ State Emergency Operation Center: (24 hour) 614-889-7150</div> <div>Ohio Health Department: Ph: 614-466-3543</div> <div>For Public Health Emerg. Contact the County Health Department Ph: 740-391-0192</div> <div>Ohio EPA Hot Line 24 hour: 800-282-9378</div> <div>Southeast District Office- Logan, OH - Emergency Response Unit: (740) 385-8501</div> <div>Ohio Chief of Homeland Security: 614-387-6171</div> <div>US EPA Planning OSC: Betsy Nightingale Office: 734-692-7665 Cell: 734-770-8402 E-Mail: nightingale.elizabeth@epa.gov</div> <div>Alternate OSCs: James Justice Office: 440-250-1744 Cell: 440-476-7694 E-Mail: Justice.James@epa.gov</div> <div>Updated 5/17/16</div>	<div>CONTACTS:</div> <div>Primary County POC: CO Sheriff, 740-695-7933 EMA Director: Dave Ivan, 740.695.5984 LEPC: Dave Ivan, 740.695.5984 County Commissioners: 740-699-2155 County Auditor: 740-699-2130 County Treasurer: 740-699-2145 Health Department: 740.695.1202 http://www.belmontcountyhealth.org/ Emergency: 911/ 740.699.0425</div>	<div>Water Bodies</div> <table><tr><td>Barkcamp Creek</td></tr><tr><td>Boggs Fork</td></tr><tr><td>Campbell Run</td></tr><tr><td>Captina Creek</td></tr><tr><td>Crabapple Creek</td></tr><tr><td>Grave Creek</td></tr><tr><td>Leatherwood Creek</td></tr><tr><td>Little McMahon Creek</td></tr><tr><td>Little Short Creek</td></tr><tr><td>McMahon Creek</td></tr><tr><td>Ohio River</td></tr><tr><td>Salt Fork</td></tr><tr><td>Skull Fork</td></tr><tr><td>Slope Creek</td></tr><tr><td>South Fork Captina Creek</td></tr><tr><td>Stillwater Creek</td></tr><tr><td>Wheeling Creek</td></tr></table>	Barkcamp Creek	Boggs Fork	Campbell Run	Captina Creek	Crabapple Creek	Grave Creek	Leatherwood Creek	Little McMahon Creek	Little Short Creek	McMahon Creek	Ohio River	Salt Fork	Skull Fork	Slope Creek	South Fork Captina Creek	Stillwater Creek	Wheeling Creek	<div>Pipelines: Natural Gas and Refined Petroleum</div> <div>Numerous pipelines in County – see: https://www.npms.phmsa.dot.gov/PublicViewer/</div> <div>Natural Gas:</div> <div>Columbia Gas Transmission– 304-357-3171 Dominion East – 877-542-2630</div> <div>Hazardous Liquids:</div> <div>None</div>	<div>Defense Site Locations</div> <div>None</div>	<div>COUNTY MAP:</div> <div></div>													
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Slope Creek																																			
South Fork Captina Creek																																			
Stillwater Creek																																			
Wheeling Creek																																			
<div>HAZMAT TEAMS:</div> <div>Unknown</div>	<div>Electric Utilities</div> <div>AEP (Ohio Power Co)- 800-672-2231</div> <div>South Central Power: 800-282-5064</div>	<div>Gas Utilities</div> <div>Columbia Gas Emergency and General– 800-344-4077</div>	<div>Water Utilities</div> <div>City of St. Clairsville: 740-695-1410. Water sourced from reservoirs, and purchased. Village of Barnesville: 740-425-1681. Water sourced from reservoirs.</div> <div>Additional Facilities Include:</div> <table><tr><td>Name</td><td>Address</td><td>City</td></tr><tr><td>U-SAVE FOOD MART</td><td>66190 HENDRYSBURG RD</td><td>BARNESVILLE</td></tr><tr><td>BELLAIRE PWS</td><td>217 37TH ST</td><td>BELLAIRE</td></tr><tr><td>BELMONT CO SD</td><td>301 MAIN STREET</td><td>BRIDGEPORT</td></tr><tr><td>FLUSHING WTP</td><td>JOCKEY HOLLOW RD</td><td>FLUSHING</td></tr><tr><td>HOLLOWAY WTP</td><td>203 SOUTH STREET</td><td>HOLLOWAY</td></tr><tr><td>MARTINS FERRY WTP</td><td>400 NORTH FIRST ST</td><td>MARTINS FERRY</td></tr><tr><td>4-H CAMP PIEDMONT</td><td>34221 4-H CLUB RD</td><td>PIEDMONT</td></tr><tr><td>POWHATAN POINT STU 1</td><td>104 MELLOTT ST</td><td>POWHATAN POINT</td></tr><tr><td>YORK TOWNSHIP WATER AUTHORITY</td><td>54320 CAPTINA DR</td><td>POWHATAN POINT</td></tr></table>			Name	Address	City	U-SAVE FOOD MART	66190 HENDRYSBURG RD	BARNESVILLE	BELLAIRE PWS	217 37TH ST	BELLAIRE	BELMONT CO SD	301 MAIN STREET	BRIDGEPORT	FLUSHING WTP	JOCKEY HOLLOW RD	FLUSHING	HOLLOWAY WTP	203 SOUTH STREET	HOLLOWAY	MARTINS FERRY WTP	400 NORTH FIRST ST	MARTINS FERRY	4-H CAMP PIEDMONT	34221 4-H CLUB RD	PIEDMONT	POWHATAN POINT STU 1	104 MELLOTT ST	POWHATAN POINT	YORK TOWNSHIP WATER AUTHORITY	54320 CAPTINA DR	POWHATAN POINT
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<div>HOSPITALS WITH TRAUMA CENTERS:</div> <div>East Ohio Regional Hospital in Belmont County has a Level 3 trauma center.</div> <div>St. Elizabeth Health Center in</div>	<div>Trauma Center</div> <div>St Elizabeth Health Center - 1044 Belmont Ave, Youngstown, OH 44501. (Ph. (330) 792-7418))</div> <div>East Ohio Regional Hospital - 90 North 4th Street, Martins Ferry, OH 43935 Ph: 740 · 633 · 1100</div>		<div>Closest Burn Unit</div> <div>West Penn Burn Center – The Western Pennsylvania Hospital, 4800 Friendship Avenue, Pittsburgh, PA, 15224. (Ph. 412-578-5273)</div>																																

Youngstown (Mahoning County) has a Level 1 trauma center for adults.						
	OTHER HOSPITALS:					
	Barnesville Hospital					
	Belmont Community Hospital					

			FOX-SHANNON WWTP	STATE ROUTE 331 AND I-70	ST CLAIRSVILLE						
			ST CLAIRSVILLE WWTP *	100 LEGION RD EXTENSION	ST CLAIRSVILLE						
			YORKVILLE STP	1001 MARKET & DEEP RUN RD	YORKVILLE						
			FRP Facilities: None in County								
			TRI Reporters:								
			Name	Address	City						
			TCSC MARTINS FERRY PLT	100 PICOMA RD	MARTINS FERRY						
			OHIO VALLEY COAL COMPANY - POWHATAN NO. 6 MINE	56854 PLEASANT RIDGE RD	ALLEDONIA						
			RG STEEL WHEELING LLC	1001 MAIN ST	MARTINS FERRY						
			CLOVERLAND DAIRY INC	164 SPRING ST.	FLUSHING						
OHIO COATINGS CO	2100 TIN PLATE PLACE	YORKVILLE									
FIRSTENERGY RE BURGER PLANT	57246 FERRY LANDING RD	SHADYSIDE									
CAPITOL MANUFACTURING LANSING FACILITY	1700 COUPLING ROAD	LANSING									
SHADYSIDE STAMPING CORP., OF OHIO INC.	ROUTE 7 SOUTH	SHADYSIDE									
SENSITIVE POPULATIONS:			National and State Parks			Local Parks			APPLICABLE RESPONSE PLANS:		
Special Populations:			Barkcamp (State Park); Egypt Valley Wildlife Area (State Wildlife Area); Emerald Hills Preserve (State Nature Preserve); Jockey Hollow (State Wildlife Area) (http://trekohio.com/belmont/)			Dysart Woods I-70 Exit 208 to Rt. 149 south to Belmont, then Rt. 147 south to Dysart. The largest known (51 acres) of unglaciated, primeval oak forest in Southeastern Ohio. Epworth Park Rt. 26 Bethesda, OH 43719. Memorial Park. 200 Walnut Ave, St. Clairsville, OH 43950			Federal: <ul style="list-style-type: none">Region 5 Regional Contingency Plan/Area Contingency PlanSE Ohio Sub-Area Response Plan State: <ul style="list-style-type: none">Ohio Emergency Operations Plan County: <ul style="list-style-type: none">Unknown Other:		
SOURCES OF RESPONSE EQUIPMENT:											
National Strike Force Response Inventory, OSRO Contractors, EPA Equipment Inventory			County Summary Belmont County was founded in 1801 and organized in 1815. St. Clairsville was selected as the County seat (https://en.wikipedia.org/wiki/Belmont_County,_Ohio). Martins Ferry, the largest City in the County, developed as an important industrial center during the late 19th century and early 20th century. It became an important rail hub and river port from where products were shipped all over the United States and beyond. Over the past 50 years, the town's population has decreased significantly as industries have closed or moved elsewhere. Today, the city's population is less than half of what it once was (https://en.wikipedia.org/wiki/Martins_Ferry,_Ohio).								
MISCELLANEOUS:											
NO DATA IN THIS CELL											

Fact Sheet:

Monroe County, Ohio

<div>Ohio Emergency Management Agency/ State Emergency Operation Center: (24 hour) 614-889-7150</div> <div>Ohio Health Department: Ph: 614-466-3543</div> <div>For Public Health Emerg. Contact the County Health Department Ph: 740-472-1677</div> <div>Ohio EPA Hot Line 24 hour: 800-282-9378</div> <div>Southeast District Office- Logan, OH - Emergency Response Unit: (740) 385-8501</div> <div>Ohio Chief of Homeland Security: 614-387-6171</div> <div>US EPA Planning OSC: Betsy Nightingale Office: 734-692-7665 Cell: 734-770-8402 E-Mail: nightingale.elizabeth@epa.gov</div> <div>Alternate OSCs: James Justice Office: 440-250-1744 Cell: 440-476-7694 E-Mail: Justice.James@epa.gov</div> <div>Updated 5/17/16</div>	CONTACTS:	Water Bodies	Pipelines: Natural Gas and Refined Petroleum		Defense Site Locations		<div>COUNTY MAP:</div> 							
	<div>Primary County POC: CO Sheriff, (740) 472-1612</div> <div>EMA Director: Phillip Keevert, 740.472.1612</div> <div>LEPC: Phillip Keevert, 740.472.1612</div> <div>County Commissioners: 740-472-1341</div> <div>County Auditor: (740) 472-0873</div> <div>Health Department: 740 - 472 - 1677</div> <div>http://www.mchealthdept.com</div> <div>Emergency: 911/ (740) 472-1612</div>		Clear Fork Little Muskingum River	<div>Numerous pipelines in County – see: https://www.npms.phmsa.dot.gov/PublicViewer/</div> <div>Natural Gas: Texas Eastern Transmission LP (Spectra Energy Corp) – 800-231-7794 Columbia Gas Transmission– 304-357-3171 Dominion East – 877-542-2630 Dominion Transmission -888-264-8240</div> <div>Hazardous Liquids: None</div>		None								
			Cranenest Fork											
			Fish Creek											
			Fishing Creek											
			Little Muskingum River											
			Millers Fork											
			Ohio River											
			Rich Fork											
			Seneca Fork Wills Creek											
			South Fork											
			Sunfish Creek											
			Town Fork											
			Witten Fork											
	HAZMAT TEAMS:	Electric Utilities	Gas Utilities	Water Utilities										
	Unknown	South Central Power: 800-282-5064 Washington Electric: 877-544-0279	Columbia Gas Emergency and General– 800-344-4077	<table><tr><th>Name</th><th>Address</th><th>City</th></tr><tr><td>SWITZERLAND OF OHIO WTP</td><td>51746 MAIN ST</td><td>JERUSALEM</td></tr><tr><td>WOODSFIELD WTP</td><td>39415 WATER WORKS RD</td><td>WOODSFIELD</td></tr></table>				Name	Address	City	SWITZERLAND OF OHIO WTP	51746 MAIN ST	JERUSALEM	WOODSFIELD WTP
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WOODSFIELD WTP	39415 WATER WORKS RD	WOODSFIELD												
HOSPITALS WITH TRAUMA CENTERS:	Trauma Center		Closest Burn Unit											
No hospitals in County.	St Elizabeth Health Center - 1044 Belmont Ave, Youngstown, OH 44501. Ph. (330) 792-7418) Marietta Memorial Hospital – 401 Matthew St, Marietta, OH 45750 Ph:740-374-1400		West Penn Burn Center – The Western Pennsylvania Hospital, 4800 Friendship Avenue, Pittsburgh, PA, 15224. (Ph. 412-578-5273)											
Marietta Memorial Hospital in Washington County has a Level 3 trauma center.														
St. Elizabeth Health Center in Youngstown (Mahoning County) has a Level 1 trauma center for adults.														
OTHER HOSPITALS:	Barnesville Hospital 639 W Main St, Barnesville, OH 43713 (740) 425-3941													
No hospitals in County.														
Hospitals in Belmont Co: Barnesville Hospital														
Belmont Community Hospital	Belmont Community Hospital 697 Harrison St, Bellaire, OH 43906 740-671-1200													
DRINKING WATER INTAKES	Drinking Water Intakes		Municipal NPDES/ FRP Facilities/TRI Facilities											
Drinking Water Intakes: 0 in OH; 2 in WV	Ohio:		Minor NPDES Dischargers:											
PLANNING TOOLS:	None in county													
COUNTY DESCRIPTION														
Land Area: 457 square miles Estimated Population: 14,642 (2010 Census)														

EOPs, MOAs, MOUs	West Virginia: Bayer Material Science Ind. Water Intake 24 hour: 304-451-2560 Sisterville Water Dept. 24 hour: 304-652-2721	<table><tr><th>Name</th><th>Address</th><th>City</th></tr><tr><td>AMERICAN ENERGY CORP</td><td>43521 MAYHUGH HILL ROAD</td><td>BEALLSVILLE</td></tr><tr><td>BEALLSVILLE STP</td><td>43057 OHIO AVENUE BOX E</td><td>BEALLSVILLE</td></tr><tr><td>BP AMOCO OIL CORP BULK PLANT CLARINGTON *</td><td>645 MARKET ST</td><td>CLARINGTON</td></tr><tr><td>CLARINGTON WWTP</td><td>1029 MARKET STREET</td><td>CLARINGTON</td></tr><tr><td>NORTHERN APPALACHIAN</td><td>COUNTY ROAD 26</td><td>CLARINGTON</td></tr><tr><td>QUARTO MINING CO POWHATAN NO 4 MINE</td><td>ST RTE 7</td><td>CLARINGTON</td></tr><tr><td>CHRISTMAN QUARRY</td><td>47248 SWAZEY RD</td><td>LEWISVILLE</td></tr><tr><td>G & N SPORTSBAR AND GRILL</td><td>INTERSEC OF STATE RTES 800 AND</td><td>MALAGA</td></tr><tr><td>ODOT DUFFY OUTPOST BUILDING</td><td>STATE ROUTE 7</td><td>SARDIS</td></tr><tr><td>WOODSFIELD STP</td><td>670 OLD BRICK RD</td><td>WOODSFIELD</td></tr></table>	Name	Address	City	AMERICAN ENERGY CORP	43521 MAYHUGH HILL ROAD	BEALLSVILLE	BEALLSVILLE STP	43057 OHIO AVENUE BOX E	BEALLSVILLE	BP AMOCO OIL CORP BULK PLANT CLARINGTON *	645 MARKET ST	CLARINGTON	CLARINGTON WWTP	1029 MARKET STREET	CLARINGTON	NORTHERN APPALACHIAN	COUNTY ROAD 26	CLARINGTON	QUARTO MINING CO POWHATAN NO 4 MINE	ST RTE 7	CLARINGTON	CHRISTMAN QUARRY	47248 SWAZEY RD	LEWISVILLE	G & N SPORTSBAR AND GRILL	INTERSEC OF STATE RTES 800 AND	MALAGA	ODOT DUFFY OUTPOST BUILDING	STATE ROUTE 7	SARDIS	WOODSFIELD STP	670 OLD BRICK RD	WOODSFIELD	Major Industries: Service Major Water Bodies: Ohio River Major Roadways: Ohio Routes: 7, 26, 78, 145, 255, 260, 536, 556, 565, 800149, 331, 379, 647, 800, 872 Major Towns: Lewisville, Stafford, Woodsfield, Graysville Major Rail Lines: Norfolk Southern (800-453-2530); Other railroads Ports: Clarington, Hannibal, Omal
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TYPES OF FACILITIES:																																				
SARA Title III Facilities: #																																				
FRP Oil Facilities: 0																																				
SPCC Facilities: 3																																				
RMP Facilities: #																																				
NPDES Facilities (Major): 0																																				
RCRA Facilities: 21																																				
TRI Sites:3																																				
Industrial Water Intakes: #																																				
(Source US FRS Layer)		FRP Facilities: None in County																																		
		TRI Reporters: <table><tr><th>Name</th><th>Address</th><th>City</th></tr><tr><td>AMERICAN ENERGY CORP</td><td>43521 MAYHUGH HILL ROAD</td><td>BEALLSVILLE</td></tr><tr><td>ORMET ALUMINUM MILL PRODUCTS CORP</td><td>42722 STATE ROUTE 7</td><td>HANNIBAL</td></tr><tr><td>ORMET PRIMARY ALUMINUM CORP</td><td>43840 STATE ROUTE 7</td><td>HANNIBAL</td></tr></table>	Name	Address	City	AMERICAN ENERGY CORP	43521 MAYHUGH HILL ROAD	BEALLSVILLE	ORMET ALUMINUM MILL PRODUCTS CORP	42722 STATE ROUTE 7	HANNIBAL	ORMET PRIMARY ALUMINUM CORP	43840 STATE ROUTE 7	HANNIBAL																						
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SENSITIVE POPULATIONS:	National and State Parks	Local Parks	APPLICABLE RESPONSE PLANS:																																	
Special Populations:	Consol Energy Powhatan Point Wildlife Agreement Area (State Wildlife Area); Monroe Lake Wildlife Area (State Wildlife Area); Rothenbuhler Woods (State Nature Preserve); Wayne NF – Marietta Unit (National Forest) (http://trekohio.com/belmont/)	Piatt Park; Beasville Memorial; Kiedaisch Point; Stafford Park; Lamping Homestead; Ring Mill (http://www.monroecountyohio.net/parksandrec.html)	Federal: <ul style="list-style-type: none">Region 5 Regional Contingency Plan/Area Contingency PlanSE Ohio Sub-Area Response Plan State: <ul style="list-style-type: none">Ohio Emergency Operations Plan County: <ul style="list-style-type: none">Unknown Other:																																	
SOURCES OF RESPONSE EQUIPMENT:	County Summary Monroe County was organized in 1815. Woodsfield was selected as the County seat. On or about December 20, 2011, Exxon Mobil Corp., a New Jersey petroleum company, via its subsidiary XTO Energy, acquired 20,056 acres of Monroe County Utica Shale gas leases from Beck Energy (https://en.wikipedia.org/wiki/Monroe_County,_Ohio). Settlers established the county's first permanent community in 1791 and in 1804 a ferry had begun crossing the Ohio River from that settlement to Sistersville, Virginia (now West Virginia). Many German and Swiss immigrants came to Monroe County to establish communities on government land. The first two such settlements were in Switzerland and Ohio townships. The soil was poor, but the German and Swiss farmers toiled the land diligently. Monroe County's oil boom holds an important place in its history and economic development. Entrepreneurs dug a well in 1891 that opened one of the largest pools in the nation. At the turn of the century, the principal pools in Monroe County were Sistersville (on both sides of the Ohio River), Jackson Ridge, Graysville and Moose Ridge. According to the Buckeye Pipe Line Company, 300 producing wells in the area yielded 55,000 barrels of oil per month during the summer of 1901. Monroe County has been called "The Switzerland of Ohio" because of its rugged terrain and the cultural influences of its early Swiss immigrants (http://www.monroecountyohio.net/aboutus.html).																																			
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