

# NORTHWEST INDIANA SUB AREA CONTINGENCY PLAN



# STATUS UPDATE – NWI SACP

- Background
  - Statutory / Regulatory Framework
  - Area Contingency Planning
- Northwest Indiana Sub-Area Contingency Plan
  - Summary of New R5-Specific SACP Template
  - 2019 Highlights
  - 2020 Milestones

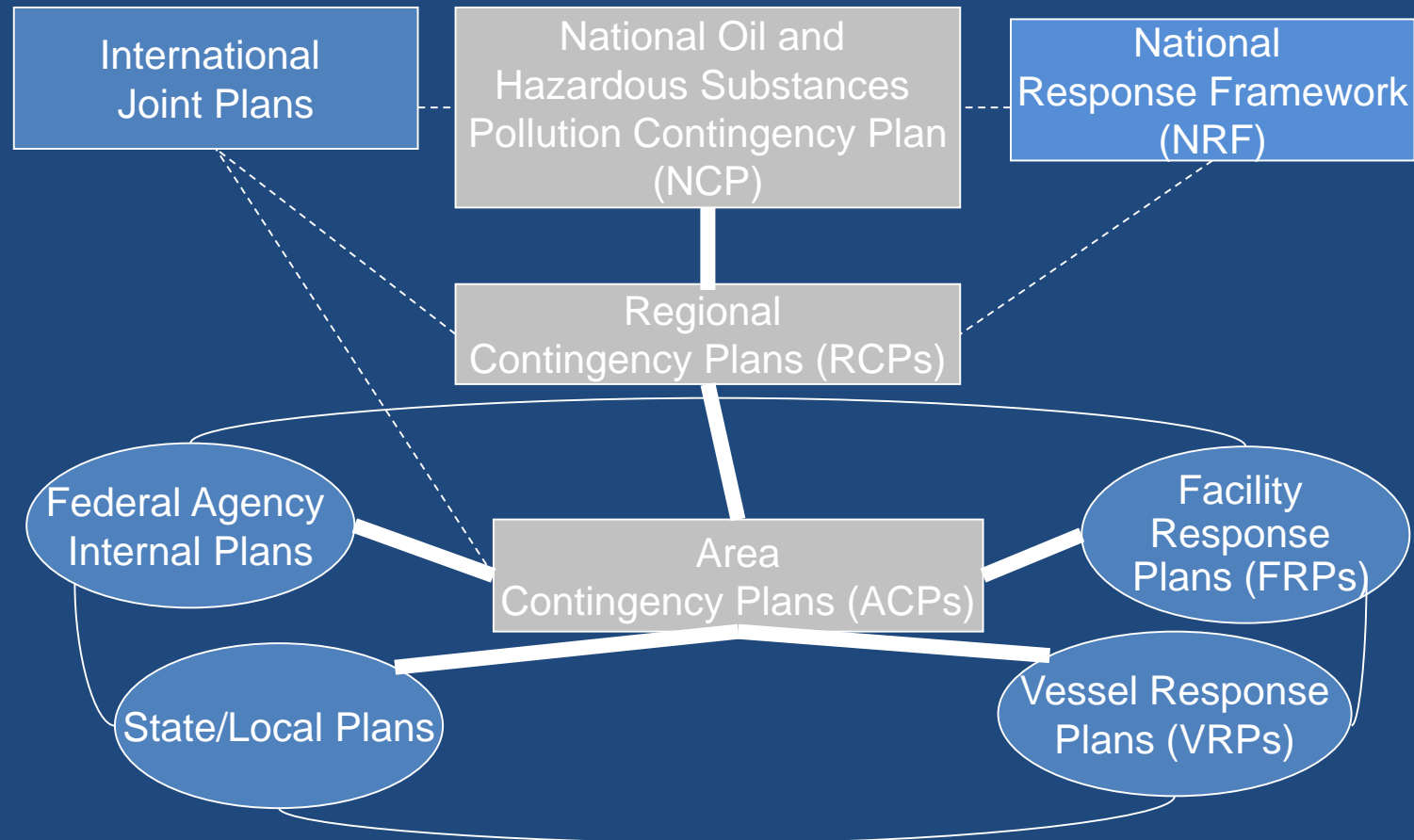
# BACKGROUND

- National Contingency Plan (NCP)
  - 40 CFR Part 300.200
    - This subpart summarizes emergency preparedness activities relating to discharges of oil and releases hazardous substances, pollutants, or contaminants.
  - 40 CFR Part 300.210 – Federal Contingency Plans
    - Establishes three levels of planning
    - NCP, RCP and ACP
  - 40 CFR Part 300.215 – Local Emergency Response Plans
    - Establishes linkage and coordination between SERC / LEPCs and Federal ACPs

# AREA CONTINGENCY PLANNING BACKGROUND

Region 5 is covered by:

- A joint Regional Contingency Plan
  - USCG – Coastal Zone
  - EPA – Inland Zone
- Two Area Plans
  - USCG directs the plan for the coastal zone
    - D9 – Great Lakes Drainage Basin
  - EPA directs the plan for the inland zone
    - All other land territory of the six States of Region 5 including each State's inland lakes and rivers



# AREA CONTINGENCY PLANNING BACKGROUND (CONT'D)

- Previously, USCG and EPA had joint Area/Sub-Area Plans in certain geographical areas (e.g., Great Lakes) that covered both the Coastal and Inland Zone
  - In 2016 several USCG Sectors in Region 5 were directed to develop plans for the Coastal Zone only in the Great Lakes
- Change prompted EPA to review ACP and determine if updates and/or new Sub-Area contingency plans were needed
- New Sub-Areas were identified
  - NW Indiana contains substantial transportation systems and several transportation hubs, including oil pipeline systems, rail and shipping

# NORTHWEST INDIANA SUB AREA CONTINGENCY PLAN (SACP)

## NORTHWEST INDIANA INLAND ZONE SUB-AREA CONTINGENCY PLAN

### Section 1 Introduction

This inland zone sub-area contingency plan (SACP) describes the strategy for a coordinated federal, tribal, state, and local response to a discharge or substantial threat of discharge of oil, or a release or substantial threat of release of hazardous substance(s) within the boundaries of the Northwest Indiana Inland Zone Sub-Area described in Section 1.2 and Section 2 below.

This SACP been developed to expand upon the Environmental Protection Agency's (EPA) Region 5 and United States Coast Guard's (USCG) District 9 joint Regional Contingency Plan and Area Contingency Plan ("Region 5's RCP/ACP") by providing more detailed information for response actions related to a specific geographic area. The Area Committee (AC) responsible for Region 5's RCP/ACP has incorporated by reference and appended this SACP to Region 5's RCP/ACP.

This SACP includes:

1. A description of the area covered by the plan, including areas of special economic or environmental importance that might be damaged by a discharge. (See Section 1.2 and 2 below and Appendices B, C, and E attached);
2. An expansion of the description contained in Region 5's RCP/ACP of the responsibilities of owners, operators and federal, state and local agencies in removing a discharge and descriptions on how to mitigate or prevent a substantial threat of discharge to ensure optimum communication and coordination during a response (See Section 5.2 below and Appendix B attached);
3. An expansion of the list of resources (personnel, equipment and supplies) provided in Region 5's RCP/ACP available for response to discharges (See Section 3.3 below and Appendices B and E);
4. A list of local scientists, both inside and outside federal government service, with expertise in the environmental effects of spills of the types of oil typically transported in the area. This list may be used to provide information or participate in meetings of the scientific support team. (See Section 3.5.3 below); and
5. An expansion of the description of how the plan is integrated with other plans detailed in Region 5's RCP/ACP (See Section 2.2 below).

SACP includes:

- A description of the area covered by the plan, including areas of special economic or environmental importance that might be damaged by a discharge.
- An expansion of the description contained in Region 5's RCP/ACP of the responsibilities of owners, operators and federal, state and local agencies in removing a discharge and descriptions on how to mitigate or prevent a substantial threat of discharge and coordination to ensure optimum communication during a response
- An expansion of the list of resources (personnel, equipment and supplies) provided in Region 5's RCP/ACP available for response to discharges
- A list of local scientists, both inside and outside federal government service, with expertise in the environmental effects of spills of the types of oil typically transported in the area. This list may be used to provide information or participate in meetings of the scientific support team; and
- An expansion of the description of how the plan is integrated with other plans detailed in Region 5's RCP/ACP

# SUB-AREA CONTINGENCY PLAN TEMPLATE

- Template developed to:
  - provide general response strategies with special consideration given to potential worst-case discharges from a vessel, onshore facility, or offshore facility operating in or near the subarea
  - identify and provide specific methods of preventing/mitigating impact to sensitive areas, habitat, and endangered species in the sub-area
  - identify sub-area specific response expertise, personnel, and equipment
  - help coordinate timely and effective responses by private industry, local and state officials and various federal agencies to minimize damage resulting from discharge of oil and release of hazardous materials and substances
- Template designed to be somewhat customizable:
  - Uniform use in all R5 Sub Areas

# THE NEW SACP TEMPLATE

## Section 1: Introduction

### 1.1. Legal Authority

### 1.2 Response Jurisdiction

### 1.3 Scope

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EPA Region 5 has selected inland zone sub-areas within the Region to augment planning efforts at the local level. The Northwest Indiana SACP has been selected as such an area and its geographic extent is described in Section 1.2 above and Section 2 below. Figures can be found in Appendix A.

The plan applies to and is in effect for:

Discharges of oil into or upon the navigable waters, on the adjoining shorelines to the navigable waters, or that may affect natural resources belonging to, appertaining to, or under the exclusive management authority of the United States (Section 311(b)(3) of the Clean Water Act); 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 in the Sub-Area.

This SACP shall be used as a framework for response mechanisms and a tool to evaluate shortfalls and weakness in the response structure before an incident.



# THE NEW SACP TEMPLATE

## Section 2: Coverage and Content

### 2.1 Areas of Specific Economic Interest and Environmental Importance

- 2.1.1 Critical Infrastructure
- 2.1.2 Environmentally Sensitive Areas
- 2.1.3 Culturally Sensitive Areas
- 2.1.4 Economic Interest Locations
- 2.1.5 Natural Disaster Impact Areas

### 2.2 Identifying and Integrating with Other Plans

- 2.2.1 Private Sector Response Plans
- 2.2.2 Local Response Plans
- 2.2.3 State Response/Emergency Management Plans
- 2.2.4 USCG Plans
- 2.2.5 Adjacent EPA Inland Zone SACP
- 2.2.6 Tribal Response Plans

# THE NEW SACP TEMPLATE

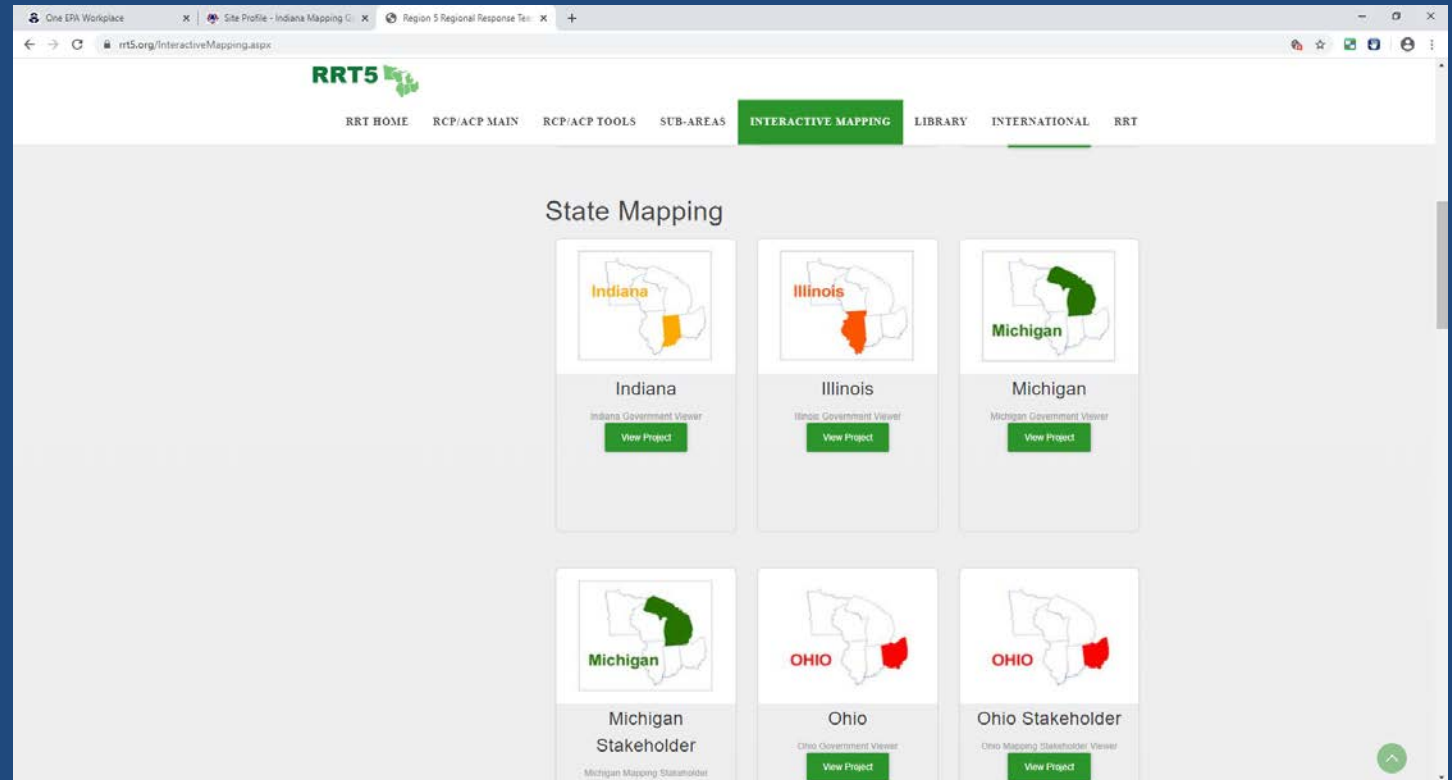
## Section 3: Essential Plan Elements

### 3.1 Figures and Mapping Projects

### 3.2 Contacts and Notifications

### 3.3 Resources

### 3.4 Mutual Aid Agreements



# THE NEW SACP TEMPLATE

## Section 4: Hazard Analysis

### 4.1 Historical Discharges

### 4.2 Most Probable Discharge Scenarios

### 4.3 Worst Case Discharge

## SECTION 4

### HAZARD ANALYSIS

POTENTIAL MAJOR SOURCES OF DISCHARGES OF OIL AND RELEASES OF HAZARDOUS SUBSTANCES WITHIN THE DEFINED SUB-AREA, SUCH AS FIXED FACILITIES OR TRANSPORTATION ROUTES WITH HIGH VOLUMES OF OIL OR HAZARDOUS SUBSTANCES IN TRANSIT, HAVE BEEN CONSIDERED.

# THE NEW SACP TEMPLATE

## Section 5: Response to Worst Case Discharge

### 5.1 Roles

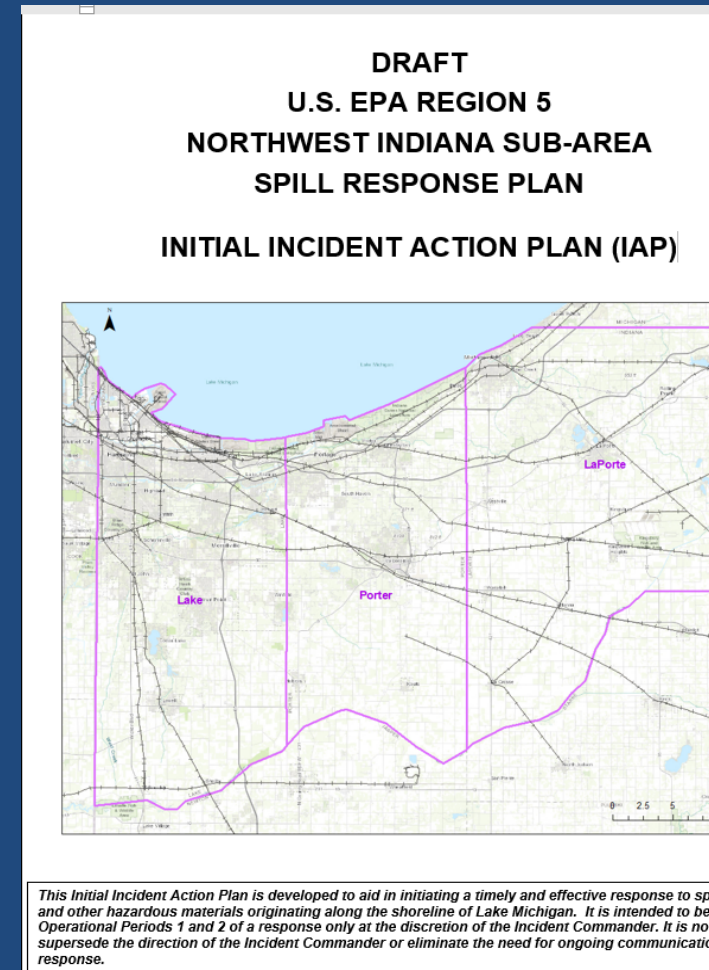
### 5.2 Response Organization

### 5.3 Response Strategies

### 5.4 Model Incident Action Plan

Early operational IAPs have been developed for the Northwest Indiana Sub Area and can be found in Appendix B. These initial IAPs include roles and responsibilities for agencies and responders, incident objectives, work analysis matrices, incident organization charts, assignment lists, incident communication plans, emergency contact lists, medical plans, health and safety messages, and unit activity logs. It is recommended that leaner versions of these templates be used to fulfill the requirements of NIMS during response to events less severe than a WCD.

### 5.5 Response Expertise



# THE NEW SACP TEMPLATE

## Appendices

- Appendix A – Figures
- Appendix B – Incident Action Plan(s)
- Appendix C – County Fact Sheets
- Appendix D – Habitat and Species Fact Sheets
- Appendix E – Response Plans
- Appendix F – Resource Inventory List
- Appendix G – Worst Case Discharge Analysis
- Appendix H – Acronyms

# 2019 SUMMARY

- 3 Sub-Area Meetings were held
  - Participation from
    - 5 Federal Entities, (EPA, USCG, NPS, USACE, FWS)
    - IDEM
    - 3 Counties (Lake, LaPorte, Porter)
    - 6 Municipalities (Chesterton, E. Chicago, Griffith, Hammond, Schererville, Whiting)
    - 2 NGOs (Great Lakes Commission, NIRPC)
    - 3 Facilities (US Steel, ArcelorMittal, BP)
  - Participation at last 2 meetings has been 30+ participants
  - Ongoing outreach to industry for participation
- Rolled out County Fact Sheets at December SACP meeting for review and input
- Involvement in 1 FSE and 4 TTX in NWI
- New SACP Template released in November 2019

# 2020 MILESTONES

- DRAFT SACP completed by end of CY Q1
- Test selected elements of SACP during BP WCD Exercise in October
- FRP Training is tentatively slated for April SACP Meeting
- U.S. EPA Indiana State Mapping Training is planned for Q2/Q3
- Next SACP meeting – February 4th



QUESTIONS?