

US EPA ARCHIVE DOCUMENT

Conceptual Model for Advanced Environmental Preparedness

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Initial Area Plans

- Develop notification list
- Develop response resource list
- Establish Command relationships
- Identify worst-case scenarios
- Identify sensitive areas
- Expedite use of alternative countermeasures



Results

- Plans were completed
- People were trained
- Exercises were conducted



What Next?

- Many Area Committees were challenged to define where to go once the plan and exercises were complete
- Conventional wisdom is to repeat the process





Inland Sensitivity Atlas/MAPPER

- Sensitive data located on a map
- Screening for emergency responders
- Base layer for other phases



Net Environmental Benefit Analysis

- Use Inland Sensitivity Atlas data
- Bring together resource managers and emergency responders
 - cross training
 - Prioritize response activities
- Process gives scientific basis for response contingencies



Response Strategies

- Strategies are site specific
- Ground truthing of Atlas
- Focus on what is possible



Operations Manual

- How to for freshwater – 80% of Marine documents are not useful
- Provide information on tactics actually used in freshwater, rivers, ditches, lakes, wetlands
- Web-based but also available on CD with printable (.pdf) products

Process

- Cycle is repeatable for improvements as knowledge is enhanced
- Serves to focus exercises
- Provides industry with a template to follow
- Helps responsible Agencies to build a more robust response capability
- Road Map for Area Committee work

