

# Deepwater Horizon Response - Training

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# Purpose of this workshop?

**As it relates to the health and safety of the responders/workers:**

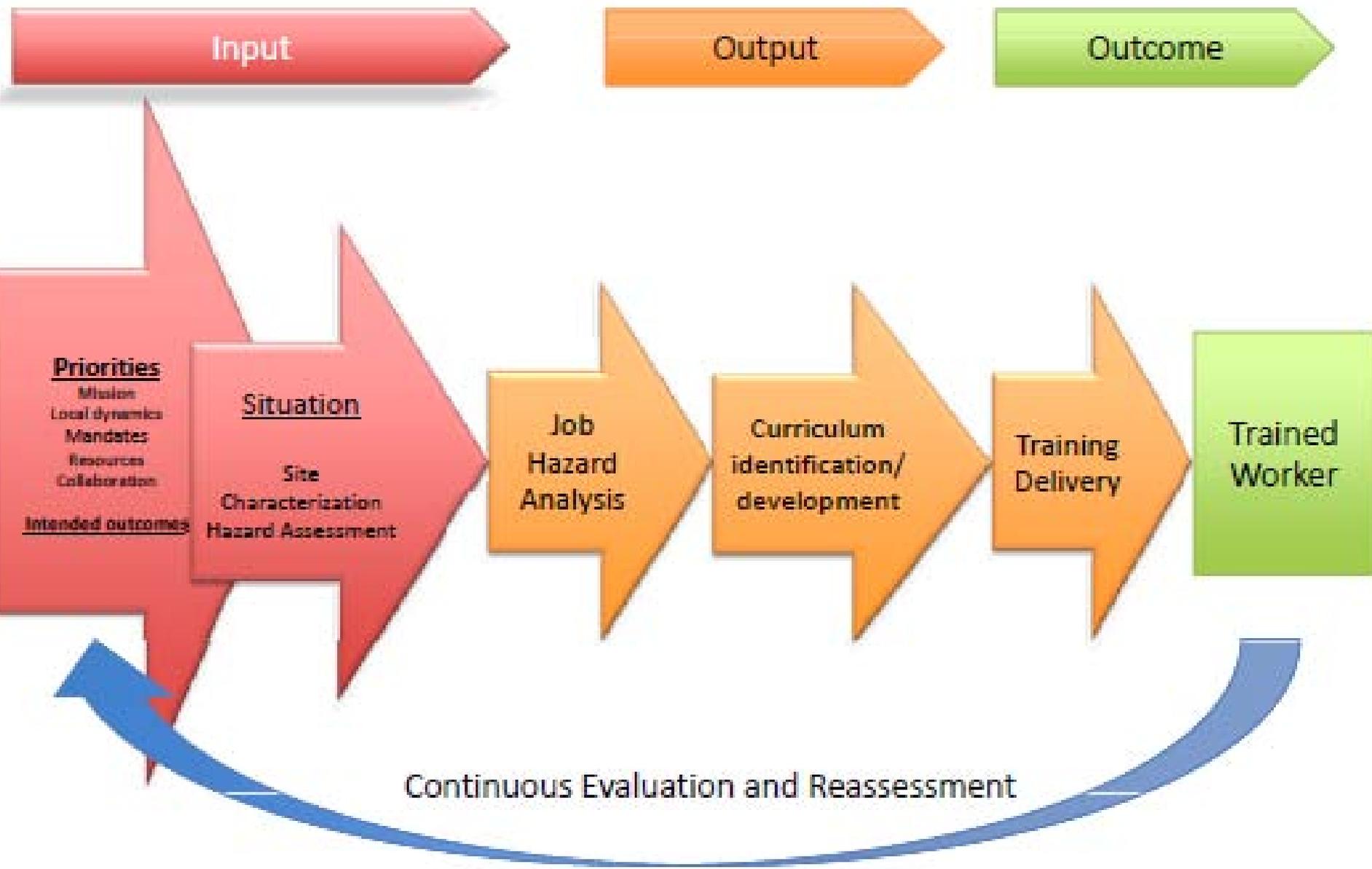
- Identify the good (advocate to make them a model or standard)
- Identify the not so good (recommend or propose solutions)
- Walk away with the makings of a Lessons Learned Report

## Some Baseline Understandings About DWH

- This was a National Contingency Plan (NCP) response NOT a National Framework Response (NRF)
- This was a unified command structure led by the Coast Guard and third party (BP) versus a Joint Field Office (JFO) Incident Command System (ICS) led by a Principal Federal Official (PFO)
- There was time to prepare for the hazard (oil product) prior to hitting land

## Baseline Understandings About DWH (cont.)

- The threat was hazardous material (oil product) as a result the training became a priority
- All cleanup workers needed to have some baseline training prior to working (BP Awareness Training was not HAZWOPER)
- A mechanism was needed to document workers who possessed the appropriate “credentials” (training/certifications) (Petroleum Education Council)
- A process evolved that used for Site Specific Training identification



**Priorities**

- Mission
- Local dynamics
- Mandates
- Resources
- Collaboration



## Situation

Site Characterization  
Hazard Assessment





**Job  
Hazard  
Analysis**

Task Number	Cleanup Technique	Description & Requirements	Hard Hat	Safety Glasses	Rubber Boots	Nitrile 26-40 mil Heavy Use	Nitrile 11-26 mil Light Use	Steel-Toe Leather
#1	Manual Scraping (Beach Clean Up)	Oil is scraped from substrate manually using hand tools. Foot or light vehicular access.	(1)	X	X	NA	X (inner)	NA
#2	Sump and pump/vacuum	Oil collects in sump as it moves down the beach and is removed by pump or vacuum truck. Requires recovery equipment.	X	X	X	NA	X	X
#3	Manual removal of oiled materials	Oiled sediments and debris are removed by hand, shovels, rakes, wheelbarrows, etc. Foot or light vehicular traffic.	(1)	X	X	X	NA	NA
#4	Low pressure flushing (Decon Operations)	Low pressure water spray flushes oil from substrate, it is channeled to recovery points. Light vehicular traffic, recovery equipment.	X	X	X	NA	X	NA
#5	Manual sorbent application (Beach Clean Up)	Sorbents are applied manually to contaminated areas to soak up oil. Disposal containers for sorbents, foot or boat access.	(1)	X	X	NA	X	NA

## HSE Orientation & Training Requirements

Curriculum  
identification/  
Development

Audience and Work Scope	Purpose	Course Info.	Prerequisites
<p><b>Volunteers</b> - Non-contaminated beach cleanup</p> <p>Pre-cleaning of beaches – pick up trash and debris</p>	Ensure anyone working under BP coordination has an understanding of BP HSE expectations. This training is being delivered at worksites prior to volunteers being deployed.	<p><b>Module 1 - BP HSE Basic Orientation</b></p> <p>Instructor led (Approx. 30-45 min.)</p>	None
<p><b>Contractors</b> - Conducting work on behalf of BP in the field</p> <p>Any labor/work <u>not</u> involving spill contaminated materials</p>	Provides BP contractors with a basic HSE Safety Orientation and expectations of contractors. This builds on Module 1 with a focus on pre-job safety meetings, job planning, risk identification, and the right to 'stop the job' if things appear unsafe.	<p><b>Module 2 – Contractor Expectations (Includes Module 1)</b></p> <p>Instructor led (Approx. 1.5 hours)</p>	None
<p><b>Contractors</b> - Post Emergency</p> <p>Conducting work on behalf of BP cleaning up spill contaminated shoreline and vessel operations</p>	Prepare individuals for the hazards in the contaminated shoreline environment. This is a 4 hour course that meets the recommendations of OSHA CPL 2-2.5.1 for Oil Spill Response-Single Event	<p><b>Module 3 - Post-Emergency Spilled Oil Cleanup (Includes materials from Modules 1 &amp; 2)</b></p> <p>Instructor led – 4 Hours</p>	None
<p><b>Contract Supervision</b> of those who will have direct contact with petroleum for shoreline and vessel operations</p> <p><b>Direction and management of workers</b> performing spill related cleanup activities</p>	BP will not be supporting training in this area.	<p><b>Module 2 – Contractor Expectations (Includes Module 1)</b></p> <p>Instructor led (Approx. 1.5 hours)</p>	<p>40 hour HAZWOPER Instructor led and hands-on</p> <p>NOT AVAILABLE THROUGH BP</p>

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Training  
Delivery



Trained  
Worker





Continuous Evaluation, Reassessment, and Reinforcement

## Some Possible Themes

- Preparedness Training versus Site Specific versus Morning Briefings
- Appropriate Training for the Task (Hazmat Awareness vs Hazmat Ops)
- Clear Communications regarding health and safety training requirements
- Health and Safety as a priority from HQ to field
- Effective training for all workers English or Non English
- Worker empowerment without fear of losing their job
- Political impact on health and safety