



U.S. Environmental Protection Agency Geographic Response Plan - 2018 Moose River (MO-01) Exercise

Exercise Plan

August 15, 2018

The Exercise Plan (ExPlan) gives elected and appointed officials, observers, media personnel, and players from participating organizations information they need to observe or participate in the exercise. Some exercise material is intended for the exclusive use of exercise planners, controllers, and evaluators, but players may view other materials that are necessary to their performance. All exercise participants may view the ExPlan.

EXERCISE OVERVIEW

Exercise Name	2018 Moose River (MO-01) Exercise
Exercise Date	August 15, 2018
Scope	This exercise is a Full Scale Exercise, planned for approximately six hours in Gorham, NH, and upon the waters of the Moose River. Exercise play is limited to the Moose River and the adjacent shoreline in the vicinity of the River access road behind Irving Gas Station at 350 Main St, Gorham, NH.
Mission Area(s)	Response
Core Capabilities	Environmental Response/Health and Safety, Operational Coordination, Operational Communications.
Objectives	<p>Objective 1: Demonstrate the ability to deploy oil spill equipment utilizing common Geographic Response Plan (GRP) tactics.</p> <p>Objective 2: Demonstrate the ability to assemble a spill response organization utilizing Incident Command System (ICS) principles through development and execution of an Incident Briefing (ICS 201) and implementation of on-site incident management and tactical operations.</p> <p>Objective 3: Demonstrate the ability to effectively communicate between multiple local, state, and federal agencies including fire departments, police departments, and other state and federal first responders.</p>
Threat or Hazard	Discharge of oil into a navigable waterway
Scenario	An oil spill has occurred in a section of the Portland Pipeline along Route 2 in Randolph and made its way into the Moose River. Gorham, NH has been designated as the best location to respond to the spill. Responders will utilize GRP MO-01 to deploy boom to protect sensitive resources in the vicinity of Gorham, NH and other areas downriver.
Sponsor	U.S. Environmental Protection Agency.
Participating Organizations	<p>Participating organizations will include:</p> <ul style="list-style-type: none">• New Hampshire Department of Environmental Services (DES)• New Hampshire Fish and Game Department• U.S. Coast Guard (USCG)• U.S. Environmental Protection Agency (EPA)

- Portland Pipeline Corporation
- Nuka Research and Planning Group, LLC (Nuka Research)

Point of Contact

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GENERAL INFORMATION**Exercise Objectives and Core Capabilities**

The following exercise objectives in Table 1 describe the expected outcomes for the exercise. The objectives are linked to core capabilities, which are distinct critical elements necessary to achieve the specific mission area(s). The objectives and aligned core capabilities are guided by elected and appointed officials and selected by the Exercise Planning Team.

Exercise Objective	Core Capability
Demonstrate the ability to deploy oil spill equipment utilizing common Geographic Response Plan (GRP) tactics.	Environmental Response/Health & Safety
Demonstrate the ability to assemble a spill response organization utilizing Incident Command System (ICS) principles through development and execution of an Incident Briefing (ICS 201) and implementation of on-site incident management and tactical operations.	Operational Coordination
Demonstrate the ability to effectively communicate between multiple local, state, and federal agencies including fire departments, police departments and other state and federal first responders.	Operational Communication

Table 1. Exercise Objectives and Associated Core Capabilities

APPENDIX A: EXERCISE SCHEDULE

Time	Personnel	Activity	Location
August 15, 2018			
0830	All	Mobilize and Stage Equipment	River access road behind Irving Gas Station at 350 Main St, Gorham, NH
0900	All	Conduct equipment familiarization and hands-on training	Gorham FD
0945	All	Transit to Staging Area	River access road behind Irving Gas Station at 350 Main St, Gorham, NH
1000	All	Operations and Safety Briefing	
1015	All	Test MO-01 GRP tactic DV-01a. Deploy surrogate and evaluate configuration.	
1100	All	Demobilize DV-01b.	
1115	All	Test MO-01 GRP tactic DV-01b. Deploy surrogate and evaluate configuration.	
1215		Demobilize DV-01b, rinse and repack equipment	
1230	All	Hot Wash/Complete and turn in all Participant Feedback Forms	
1300	All	Demobilize/Adjourn	

Predicted Weather*

Wind	S 8 mph	Flow Rate	75%	Temp	79/61	Precip	60%
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Exercises will occur rain or shine. Predicted severe weather will be assessed on the day prior to the exercise.

APPENDIX B: EXERCISE PARTICIPANTS

Participating Organizations	
Town of Gorham, NH	Participant Count
Gorham Fire Department	2
Federal	
United States Environmental Protection Agency (EPA)	2
United States Coast Guard (USCG)*	4-6
Nuka Research and Planning Group, LLC (contractor for US EPA)	2
State	
New Hampshire Department of Environmental Services (DES)	3
New Hampshire Fish and Game Department	1
Private Sector	
Portland Pipeline Corp	1
TOTAL	15-17

OBSERVERS:

VIP's: N/A

Media: N/A

Other Dignitaries: N/A

APPENDIX C: EXERCISE EQUIPMENT

Agency	Type	Description (length, horsepower, spec capability)
State		
NH DES	Boom	2-300 Feet – Fanfold boom
	Vehicle	Mobile Command Post

OTHER CONSIDERATIONS:

Restrooms: Gorham FD

Tents/Canopies: As available

APPENDIX D: COMMUNICATIONS PLAN

INCIDENT RADIO COMMUNICATIONS PLAN			1. Incident Name Moose River (MO-01) Exercise	2. Date/Time Prepared	3. Operational Period Date/Time August 15, 2018 0900-1500
4. Basic Radio Channel Utilization					
System/Cache	Channel	Function	Frequency/Tone	Assignment	Remarks
VHF (CH-10)		Command and Tactical Operations			
				Incident Commander	USCG
				Safety Officer	TBD
				Exercise Control	
				Vessel Strike Team TBD	
				Vessel Strike Team TBD	
				Vessel Strike Team TBD	
				Shore Team Leader	
				Shore Team Leader	
5. Prepared by (Communications Unit)					

Safety Broadcast

To be provided by NH DES

APPENDIX E: GORHAM UPPER VILLAGE (MO-01) GRP MAP



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Nuka Research and Planning Group, LLC
Data Sources: Nuka Research & Planning Group, LLC, US EPA Region 1