

AREA 4 & 5 OIL SPILL CONTINGENCY GROUP EMERGENCY TRAINING EXERCISES



MAINPRIZE REGIONAL PARK

(AREA 4 – May 18 & 19)

MOOSE CREEK REGIONAL PARK

(AREA 5 – May 25 & 26)

2016

AREA 4 & 5 TRAINING EXERCISES

2016

The Area 4 & 5 Training Exercises were held in Mainprize Regional Park (southeast of Weyburn, SK) and Moose Creek Regional Park (northeast of Estevan, SK). To assist in the exercises, Cliff Terry was contracted to coordinate the exercises.

This report is based on the information obtained in the planning, observations and sequence of events during the exercises.

Recommendations in this report are based on the coordinator's observations.

EXERCISE FORMAT: MAY 18th & 19th 2016

MAINPRIZE REGIONAL PARK:

SCENARIO: To simulate a crude oil spill on the Rafferty Reservoir using peat moss. Personnel will use the Area 4 & 5 spill equipment and selected teams will deploy the appropriate equipment to contain and recover the simulated crude oil.

TIME: 9:00am, 1:00pm

LOCATION: The Rafferty Reservoir opposite the boat launch at the Mainprize Regional Park.



RAFFERTY RESERVOIR

DETAILS: Teams were assigned to the following:

- a) Safety
- b) Lake Boats
- c) Containment Booms
- d) Pumps
- e) Pipelines

A team captain was selected to coordinate each area of responsibility.

OBJECTIVES:

1. To contain the simulated oil spill.
2. To recover the simulated crude oil.
3. To familiarize the attending personnel with all aspects of the oil spill equipment.

EXERCISE OBSERVATIONS: Conditions were excellent at Mainprize Provincial Park for all four training exercises. The wind was light for all four sessions. The Large number of attendees for both sessions on May 18th made it difficult to have everyone involved in the exercises.

Pete McFadden and Sean Rubin reviewed the equipment in the trailer with each team prior to the deployment of the equipment into the Warm Zone.



TEAMS REVIEWING EQUIPMENT



TEAMS WAITING TO REVIEW EQUIPMENT



BOAT TEAM REMOVING BOAT



SKIMMER BEING REMOVED FROM TRAILER



BOOM SET OUT IN WARM ZONE



BOAT TEAM INFLATING BOAT



BOOM TEAM CONNECTIN BOOM SECTIONS



BOOM AND FLOATER HOSE BEING CONNECTED TO SKIMMER



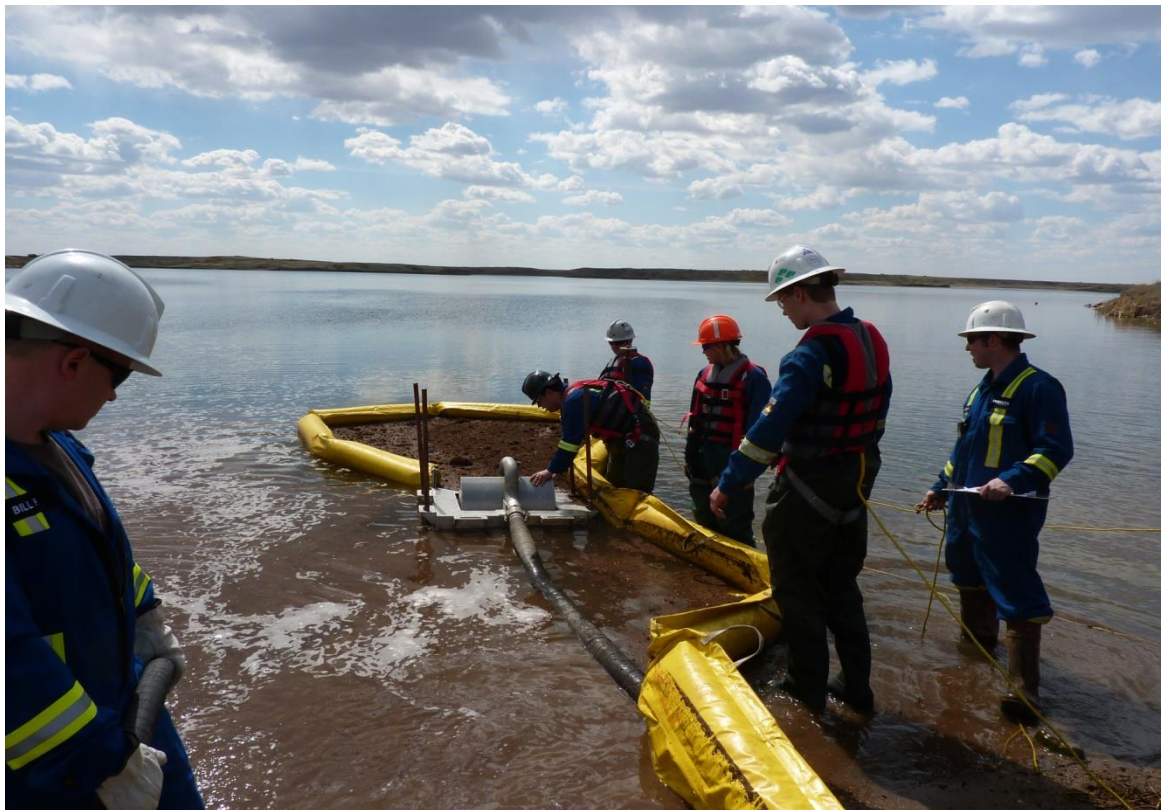
BOOM BEING DEPLOYED AROUND SIMULATED OIL (PEAT MOSS)



SIMULATED OIL CAPTURED INSIDE BOOMS



SIMULATED OIL IS DIRECTED TO SKIMMER



BOOM BEING REMOVED



PUMPING FROM SKIMMER INTO PORTABLE TANK



SIMULATED OIL BEING PUMPED INTO PORTABLE TANK



SIMULATED OIL GOING INTO SKIMMER



EQUIPMENT BEING RETURNED TO TRAILER

OBSERVATIONS: The wind conditions on May 18th and May 19th allowed the boom to be pulled by one boat bringing the simulated oil (peat moss) to the skimmer. This was done extremely well by all teams for all four training exercises.

MOOSE CREEK REGIONAL PARK

SCENARIO: To simulate a crude oil spill on the Alameda Dam Reservoir using peat moss. Personnel will use the Area 4 & 5 spill equipment and selected teams to deploy the appropriate equipment to contain and recover the simulated spill.

LOCATION: North of the boat launch at the Moose Creek Regional Park, adjacent to the Golf Course.



SPILL EXERCISE AREA

DETAILS: Teams were assigned to the following:

- a) Safety
- b) Lake Boats & Motors
- c) Lake Booms
- d) Pumps & Skimmers
- e) Pipelines

OBJECTIVES:

1. To deploy a deflection boom to divert the simulated crude oil spill from reaching the shoreline or proceeding downstream.
2. To recover the simulated oil spill.
3. To familiarize personnel with all aspects of the oil spill containment equipment.

OBSERVATIONS: The weather conditions for the morning session on May 25th, did not allow for the deployment of the equipment for the exercise, However attendees did review the equipment in the trailer. Travis Van Meel and Brady Mitchell of Enbridge invited anyone in attendance to review Enbridge's Response Equipment in Carlyle. Approximately 10 people went to Carlyle. The weather conditions for the afternoon session were not much better. However we were able to remove some of the equipment and demonstrate how to assemble and use the equipment.



ATTENDEES REVIEWING AND ASSMBLING EQUIPMENT

Unfortunately I was unable to attend the sessions on May 26th due to illness. Jonas Fenn filled in as On-Scene Commander for both sessions on May 26th. The weather allowed for both exercises to have two boats deployed. One boat for the boom deployment and the second boat to release the simulated oil (peat moss). In both exercises the simulated oil was recovered successfully.

RECOMMENDATIONS:

- 1. The Boat Motor carrying tarps need replacing.**
- 2. The boat motors are difficult to tilt. A procedure (with pictures) be added to the Lake Boats & Motors Procedure.**
- 3. The Lake Boom Procedure has the wrong pictures for attaching the aluminum floater to the boom. These should be replaced with the proper pictures.**
- 4. The large number of attendees at the two sessions in Mainprize Regional Park makes it difficult to have everyone involved in the exercise. An on-line sign up for each session, with a limit (45) for each session would help to balance out the number of attendees for each session allowing for better participation.**

COMMENTS:

I would like to thank Laurel Mohl, Jonas Fenn, Pete McFadden Sean Rubin, Jon Hutt, Doug Giroux, Chuck Hignett, Rob Klassen and Dean Lemieux in the planning and assistance of the exercise. Thanks to all of the people who attended and there member companies.

Cliff Terry

ATTENDEES