



## **Appendix A**

Daily Project Reports

# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY D. Drost

CQA MONITOR D. Drost

SITE FIELD MANAGER W. Stolle

WORK DAY START TIME 630

WORK DAY STOP TIME 1700

VISITORS None

COVE WATER LEVEL 20.5"

DATE 08/21/2014

WEATHER ☒ Bright Sun ☐ < 32

DAY ☐ Sunday ☐ Clear ☐ 32 to 50

☐ Monday ☐ Overcast ☐ 50 to 70

☐ Tuesday ☐ Rain ☐ 70 to 85

☐ Wednesday ☐ Snow ☒ > 85

☒ Thursday WIND ☒ Calm HUMIDITY ☐ Dry

☐ Friday ☐ Moderate ☒ Moderate

☐ Saturday ☐ Strong ☐ Humid

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Discussed a mock emergency situation and the case management to follow.

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

Encountered loose gravel/steep terrain when taking downstream turbidity reading/Found alternate path to achieve same result

## FIELD WORK

### CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (2), Stans (7), CRA (9), EMES (2), WRS (1)

### EQUIPMENT ON SITE:

(1) Excavator, (1) Marsh Buggy, (1) Bulldozer, (2) Rangers, (1) Skidsteer, (1) Airboat, (1) Roll-off Truck

### CONSTRUCTION ACTIVITIES:

Stans deployed new boom, replaced existing

CRA established delineation areas around staging area

ARCADIS performed pre-construction monitoring

REMOVAL:	N/A	CY	BACKFILL CY
REACTIVE CAP PLACEMENT:	N/A	TONS	SF
REACTIVE CAP MATERIALS:	N/A	TONS	ORGANOCLAY TONS
AMENDMENT PLACEMENT:	N/A	TONS	SF
OFFSITE TRANSPORT/DISPOSAL:	N/A	TONS	TRUCKS

### QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

(2) Pre-construction turbidity recordings AM/PM:Upstream 81.0/88.6, Downstream 26.2/51.1

### PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

None

### OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

None

### TEST EQUIPMENT CALIBRATIONS:

Horiba Cal: 0.0 NTU

### SUMMARY OF CONTRACTOR MEETINGS:

None

CQA MONITOR David Drost

TITLE CQA Monitor

SIGNATURE David Drost

PAGE 1 OF 1

# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower  
 REPORT PREPARED BY D. Drost  
 CQA MONITOR D. Drost  
 SITE FIELD MANAGER W. Stolle  
 WORK DAY START TIME 630  
 WORK DAY STOP TIME 1700  
 VISITORS None  
 COVE WATER LEVEL 20.5"

DATE 08/22/2014 WEATHER ☒ Bright Sun ☐ < 32  
 DAY ☐ Clear ☐ 32 to 50  
☐ Sunday ☐ Overcast ☐ 50 to 70  
☐ Monday ☐ Rain ☐ 70 to 85  
☐ Tuesday ☐ Snow ☒ > 85  
☐ Wednesday WIND ☒ Calm HUMIDITY ☐ Dry  
☐ Thursday ☐ Moderate ☒ Moderate  
☒ Friday ☐ Strong ☐ Humid  
☐ Saturday

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Reviewed the LPO performed yesterday, discussed hydration, temperatures expected >100 degrees

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

Stans operator laid his gloves on the ground and when he picked them up he made sure to check them first to ensure no bugs had crawled inside them.

## FIELD WORK

### CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (2), Stans (6), CRA (8), EMES (1), WRS (1)

### EQUIPMENT ON SITE:

(1) Excavators, (1) Marsh Buggy, (1) Bulldozer, (2) Rangers, (1) Roll-off Truck, (1) Airboat

### CONSTRUCTION ACTIVITIES:

Stans deployed replaced/fixed existing boom

CRA began grading operations of the staging area to prepare for waste roll-off arrival

ARCADIS performed pre-construction monitoring. First day of dust monitoring at perimeter locations.

REMOVAL:	N/A	CY	BACKFILL CY
REACTIVE CAP PLACEMENT:	N/A	TONS	SF
REACTIVE CAP MATERIALS:	N/A	TONS	ORGANOCLAY TONS
AMENDMENT PLACEMENT:	N/A	TONS	SF
OFFSITE TRANSPORT/DISPOSAL:	N/A	TONS	TRUCKS

### QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

(2) Pre-construction turbidity recordings AM/PM:Upstream 65.1/62.1, Downstream 51.4/32.4

No exceedances on dust meters.

### PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

None

### OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

None

### TEST EQUIPMENT CALIBRATIONS:

SidePak Dust Monitors: 0 Cal.

### SUMMARY OF CONTRACTOR MEETINGS:

None

CQA MONITOR David Drost

TITLE CQA Monitor

SIGNATURE David Drost

PAGE 1 OF 1

# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY D. Drost

CQA MONITOR D. Drost

SITE FIELD MANAGER W. Stolle

WORK DAY START TIME 700

WORK DAY STOP TIME 1700

VISITORS None

COVE WATER LEVEL 20.5"

DATE 08/23/2014

WEATHER ☒ Bright Sun ☐ < 32

DAY ☐ Sunday ☐ Clear ☐ 32 to 50

☐ Monday ☐ Overcast ☐ 50 to 70

☐ Tuesday ☐ Rain ☐ 70 to 85

☐ Wednesday ☐ Snow ☒ > 85

WIND ☒ Calm ☐ Dry

☐ Thursday ☐ Moderate ☒ Moderate

☐ Friday ☐ Strong ☐ Humid

☒ Saturday

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Reviewed JSA for excavation operations and collectively "dirtied" as necessary.

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

While driving in this morning, an employee noted the limited vision when exiting the highway and making a left. So he turned right and turned around in the gas station in order to avoid the unseen traffic

## FIELD WORK

## CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (1), Stans (6), CRA (6), EMES (0), WRS (0)

## EQUIPMENT ON SITE:

(1) Excavators, (1) Marsh Buggy, (1) Bulldozer, (2) Rangers, (1) Airboat

## CONSTRUCTION ACTIVITIES:

Stans deployed replaced/fixed existing boom

CRA continues grading operations of the staging area in preparation for waste bins

ARCADIS performed pre-construction monitoring

REMOVAL:	N/A	CY	BACKFILL CY
REACTIVE CAP PLACEMENT:	N/A	TONS	SF
REACTIVE CAP MATERIALS:	N/A	TONS	ORGANOCLAY TONS
AMENDMENT PLACEMENT:	N/A	TONS	SF
OFFSITE TRANSPORT/DISPOSAL:	N/A	TONS	TRUCKS

## QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

(2) Pre-construction turbidity recordings AM/PM:Upstream 69.5/62.2, Downstream 30.8/31.0

No exceedances on dust meters.

## PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

None

## OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

None

## TEST EQUIPMENT CALIBRATIONS:

SidePak Dust Monitors: Zero Cal.

## SUMMARY OF CONTRACTOR MEETINGS:

None

CQA MONITOR David Drost

TITLE CQA Monitor

SIGNATURE David Drost

PAGE 1 OF 1

# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY D. Drost

CQA MONITOR D. Drost

SITE FIELD MANAGER W. Stolle

WORK DAY START TIME 700

WORK DAY STOP TIME 1700

VISITORS NewPark Trucking, A & B Gravel

COVE WATER LEVEL 20.5"

DATE 08/25/2014

WEATHER ☒ Bright Sun ☐ < 32

DAY ☐ Sunday ☐ Clear ☐ 32 to 50

☒ Monday ☐ Overcast ☐ 50 to 70

☐ Tuesday ☐ Rain ☐ 70 to 85

☐ Wednesday ☐ Snow ☒ > 85

THURSDAY ☒ WIND ☐ Humidity

THURSDAY ☒ Calm ☐ Dry

FRIDAY ☐ Moderate ☒ Moderate

SATURDAY ☐ Strong ☐ Humid

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Using SPSA at home. Thinking through unfamiliar tasks using unfamiliar equipment.

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

While removing boom from the cove a crewman noticed a large, unmarked stump which the driver did not. Anticipating impact, the crewman, braced himself with one hand and held the other up in a stop fashion to signal to the driver.

## FIELD WORK

### CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (1), Stans (6), CRA (7), EMES (0), WRS (1)

### EQUIPMENT ON SITE:

(1) Excavators, (1) Marsh Buggy, (1) Bulldozer, (2) Ranger, (1) Skidsteer, (1) Airboat, (1) Roll-off Truck

### CONSTRUCTION ACTIVITIES:

Stans assisted in the offload of pipe and crane mattings, replaced oily boom in the open portion of the cove.

CRA put gravel down in the staging to ease transition from asphalt to gravel area. Continue clearing operations along inlet channel

ARCADIS performed pre-construction monitoring, first day of open water sheen monitoring

REMOVAL:	N/A	CY	BACKFILL CY
REACTIVE CAP PLACEMENT:	N/A	TONS	SF
REACTIVE CAP MATERIALS:	N/A	TONS	ORGANOCLAY TONS
AMENDMENT PLACEMENT:	N/A	TONS	SF
OFFSITE TRANSPORT/DISPOSAL:	N/A	TONS	TRUCKS

### QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

(2) Pre-construction turbidity recordings AM/PM:Upstream 48.2/52.1, Downstream 24.5/32.3

No sheen observed in area north of new containment in the Open Water area of the cove.

No exceedances on dust meters.

### PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

Received 2 truck loads of "dirty" road mats from NewPark. CRA noted that we would not take them, however they had to offload but would return tomorrow to pick them up.

OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS: 109 tons of SB2 stone, Approx. 900 ft. of hard pipe, 200 ft. of flex pipe, 3 containments, (2) 12" pumps

### TEST EQUIPMENT CALIBRATIONS:

SidePak Dust Monitors: Zero Cal.

### SUMMARY OF CONTRACTOR MEETINGS:

Had a phone conference with ARCADIS H/S regarding safety requirements and responsibilities

CQA MONITOR David Drost

TITLE CQA Monitor

SIGNATURE David Drost

PAGE 1 OF 1

# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY D. Drost

CQA MONITOR D. Drost

SITE FIELD MANAGER W. Stolle

WORK DAY START TIME 630

WORK DAY STOP TIME 1730

VISITORS NewPark Trucking

COVE WATER LEVEL 19.5"

DATE 08/26/2014 WEATHER ☒ Bright Sun ☐ < 32

DAY ☐ Sunday ☐ Clear ☐ 32 to 50

☐ Monday ☐ Overcast ☐ 50 to 70

☒ Tuesday ☐ Rain ☐ 70 to 85

☐ Wednesday ☐ Snow ☒ > 85

☐ Thursday WIND ☒ Calm HUMIDITY ☐ Dry

☐ Friday ☐ Moderate ☒ Moderate

☐ Saturday ☐ Strong ☐ Humid

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Keeping hydrated, heat index is expected to reach over 100 degrees, proper heat readiness

Also talked about not losing focus with anticipation of the upcoming holiday weekend.

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

While not required to wear hardhats on the airboat, after leaving the airboat it is important to immediately put your hard hat on.

The area in which the airboat is docked is heavily wooded and potential for falling limbs is high.

## FIELD WORK

### CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (1), Stans (7), CRA (7), EMES (0), WRS (1)

### EQUIPMENT ON SITE:

(1) Excavator, (1) Marsh Buggy, (1) Bulldozer, (2) Ranger, (1) Skidsteer, (1) Airboat

### CONSTRUCTION ACTIVITIES:

Stans assisted in off loading mats, install of the mat road and some clearing along inlet channel.

CRA continued to clear the access road along inlet channel and prep for pipe layout and water pumping

ARCADIS performed pre-construction monitoring, first day of sheen monitoring downstream of work area.

REMOVAL:	N/A	CY	BACKFILL CY
REACTIVE CAP PLACEMENT:	N/A	TONS	SF
REACTIVE CAP MATERIALS:	N/A	TONS	ORGANOCLAY TONS
AMENDMENT PLACEMENT:	N/A	TONS	SF
OFFSITE TRANSPORT/DISPOSAL:	N/A	TONS	TRUCKS

### QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

(2) Pre-construction turbidity recordings AM/PM:Upstream 60.3/57.6, Downstream 37.6/33.3

Observed trace amount of sheen (brittle, metallic) in the NW corner of open water along Hwy. 89. Removed using absorbent material.

No exceedances on dust meters.

### PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

N/A

### OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS: 62 clean composite road mats

### TEST EQUIPMENT CALIBRATIONS:

SidePak Dust Monitors: Zero Cal.

### SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR David Drost

TITLE CQA Monitor

SIGNATURE David Drost

PAGE 1 OF 1

# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY D. Drost

CQA MONITOR D. Drost

SITE FIELD MANAGER W. Stolle

WORK DAY START TIME 630

WORK DAY STOP TIME 1700

VISITORS NewPark Trucking

COVE WATER LEVEL 19.5"

DATE 08/27/2014

WEATHER ☒ Bright Sun ☐ < 32

DAY ☐ Sunday ☐ Clear ☐ 32 to 50

☐ Monday ☐ Overcast ☐ 50 to 70

☐ Tuesday ☐ Rain ☐ 70 to 85

☒ Wednesday ☐ Snow ☒ > 85

WIND ☒ Calm ☐ Dry

☐ Thursday ☐ Moderate ☒ Moderate

☐ Friday ☐ Strong ☐ Humid

☐ Saturday

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Truck driver awareness. Talked about keeping them in the truck, unless it's an emergency, then stop all work until driver is back in the truck.

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

Near Loss/Miss reported. A truck driver was allowed to walk across the staging area, no PPE and came within arms reach of the excavator in use. Verbal coaching with the driver was the action taken.

## FIELD WORK

## CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (1), Stans (6), CRA (7), EMES (0), WRS (1)

## EQUIPMENT ON SITE:

(1) Excavators, (1) Marsh Buggy, (1) Bulldozer, (2) Ranger, (1) Skidsteer, (1) Airboat, (1) Roll-off Truck

## CONSTRUCTION ACTIVITIES:

Stans assisted in off loading mats, install of the mat road and some clearing along inlet channel.

CRA continued to clear the access road along inlet channel and prep for pipe layout and water pumping

ARCADIS performed pre-construction monitoring, sheen monitoring downstream of work area.

REMOVAL:	N/A	CY	BACKFILL CY
REACTIVE CAP PLACEMENT:	N/A	TONS	SF
REACTIVE CAP MATERIALS:	N/A	TONS	ORGANOCLAY TONS
AMENDMENT PLACEMENT:	N/A	TONS	SF
OFFSITE TRANSPORT/DISPOSAL:	N/A	TONS	TRUCKS

## QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

(2) Pre-construction turbidity recordings AM/PM:Upstream 57.3/61.1, Downstream 31.1/28.6

No sheen observed downstream of work area.

No exceedances on dust meters.

## PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

N/A

## OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS: 62 clean composite road mats

## TEST EQUIPMENT CALIBRATIONS:

SidePak Dust Monitors: Zero Cal.

## SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR David Drost

TITLE CQA Monitor

SIGNATURE David Drost

PAGE 1 OF 1

# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower  
 REPORT PREPARED BY D. Drost  
 CQA MONITOR D. Drost  
 SITE FIELD MANAGER W. Stolle  
 WORK DAY START TIME 630  
 WORK DAY STOP TIME 1500  
 VISITORS \_\_\_\_\_  
 COVE WATER LEVEL 19.5"

DATE 08/28/2014 WEATHER ☒ Bright Sun ☐ < 32  
 DAY ☐ Clear ☐ 32 to 50  
☐ Sunday ☐ Overcast ☐ 50 to 70  
☐ Monday ☐ Rain ☐ 70 to 85  
☐ Tuesday ☐ Snow ☒ > 85  
☐ Wednesday WIND HUMIDITY  
☒ Thursday ☒ Calm ☐ Dry  
☐ Friday ☐ Moderate ☒ Moderate  
☐ Saturday ☐ Strong ☐ Humid

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Reviewed the Near Miss yesterday regarding truck driver awareness and proper coaching on how to manage all drivers on site. Also discussed thinking through tasks and not rush to get home for the weekend.

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

SPSA while driving the boat through a narrow channel the operator noted that the push pole handle was hanging outside of the boat. Noticing the potential for the handle to get caught in the veg. he stopped and laid the pole on the floor of the boat.

## FIELD WORK

## CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (1), Stans (6), CRA (7), EMES (0), WRS (1)

## EQUIPMENT ON SITE:

(1) Excavators, (1) Marsh Buggy, (1) Bulldozer, (2) Ranger, (1) Skidsteer, (1) Airboat, (1) Roll-off Truck

## CONSTRUCTION ACTIVITIES:

Stans assisted in laying and connecting the hard pipe from the pumps to the outlet area near the open water  
 CRA assisted in laying and connecting the hard pipe from the pumps to the outlet area near the open water  
 ARCADIS performed pre-construction monitoring, sheen monitoring downstream of work area.

REMOVAL:	N/A	CY	BACKFILL CY
REACTIVE CAP PLACEMENT:	N/A	TONS	SF
REACTIVE CAP MATERIALS:	N/A	TONS	ORGANOCLAY TONS
AMENDMENT PLACEMENT:	N/A	TONS	SF
OFFSITE TRANSPORT/DISPOSAL:	N/A	TONS	TRUCKS

## QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

(2) Pre-construction turbidity recordings AM/PM:Upstream 82.3/80.2, Downstream 47.7/38.6  
 No sheen observed downstream of work area.  
 No exceedances on dust meters.

## PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

N/A

## OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

## TEST EQUIPMENT CALIBRATIONS:

Horiba Cal: 0.0 NTU SidePak Dust Monitors: Zero Cal.

## SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR David Drost  
 SIGNATURE David Drost

TITLE CQA Monitor  
 PAGE 1 OF 1



# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY R. Parmelee

CQA MONITOR R. Parmelee

SITE FIELD MANAGER W. Stolle

WORK DAY START TIME 630

WORK DAY STOP TIME 1530

VISITORS \_\_\_\_\_

COVE WATER LEVEL 21.0"

DATE 9/3/2014

WEATHER ☒ Bright Sun ☐ < 32

DAY ☐ Sunday ☐ Clear ☐ 32 to 50

☐ Monday ☐ Overcast ☐ 50 to 70

☐ Tuesday ☐ Rain ☐ 70 to 85

☒ Wednesday ☐ Snow ☒ > 85

WIND ☒ Calm ☐ Dry

☐ Thursday ☐ Moderate ☐ Moderate

☐ Friday ☐ Strong ☒ Humid

☐ Saturday

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Reminder on Near Loss from last week regarding truck driver awareness and proper coaching on how to manage all drivers on site.

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

Minimizing manual lifting of Portland Cement bags.

## FIELD WORK

### CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (1), Stans (7), CRA (8), EMES (1), WRS (1)

### EQUIPMENT ON SITE:

(1) Excavator, (1) Marsh Buggy,, (2) Marookas, (2) Ranger, (1) Skidsteer, (1) Airboat

### CONSTRUCTION ACTIVITIES:

Stans started laying rock in the bypass outlet area near the open water

Stans and CRA arranged the roll off boxes in material handling area

ARCADIS performed construction monitoring, sheen monitoring downstream of work area.

REMOVAL:	N/A	CY	BACKFILL CY
REACTIVE CAP PLACEMENT:	N/A	TONS	SF
REACTIVE CAP MATERIALS:	N/A	TONS	ORGANOCLAY TONS
AMENDMENT PLACEMENT:	N/A	TONS	SF
OFFSITE TRANSPORT/DISPOSAL:	N/A	TONS	TRUCKS

### QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

Turbidity recordings AM/PM: Downstream 44.5/52.2

No sheen observed downstream of work area.

No exceedances on dust meters.

### PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

N/A

### OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

Receipt of 9 loads of general fill (backfill), each with approximately 15 CY. Receipt of 6 pallets of Portland Cement (210 92-lb bags).

### TEST EQUIPMENT CALIBRATIONS:

SidePak Dust Monitors: Zero Cal.

### SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR Rhiannon Parmelee

TITLE CQA Manager

SIGNATURE 

PAGE 1 OF 1

# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY D. Drost

CQA MONITOR R. Parmelee

SITE FIELD MANAGER W. Stolle

WORK DAY START TIME 630

WORK DAY STOP TIME 1700

VISITORS \_\_\_\_\_

COVE WATER LEVEL 20.5"

DATE 09/04/2014

WEATHER ☒ Bright Sun ☐ < 32

DAY ☐ Clear ☐ 32 to 50

☐ Sunday ☐ Overcast ☐ 50 to 70

☐ Monday ☐ Rain ☐ 70 to 85

☐ Tuesday ☐ Snow ☒ > 85

☐ Wednesday

WIND ☒ Calm ☐ Dry

☒ Thursday ☐ Moderate ☐ Moderate

☐ Friday ☐ Strong ☒ Humid

☐ Saturday

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Discussed possible leaks from delivery trucks and the appropriate means to take care of it. Spill kits on site  
Also discussed rising temperatures and the need to hydrate adequately.

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

When parking in the hotel parking lot, employee made sure to have a clear out. He noted that the original spot he picked was obstructed and had potential to create a blind spot when leaving. So he picked another, unobstructed position to park.

## FIELD WORK

## CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (2), Stans (8), CRA (7), EMES (1), WRS (1)

## EQUIPMENT ON SITE:

(1) Excavators, (1) Marsh Buggy, (2) Ranger, (1) Skidsteer, (1) Airboat, (1) Roll-off Truck

## CONSTRUCTION ACTIVITIES:

Stans built second berm in inlet channel and assisted in the build of the diffuser area, Stans moved oily boom to Conway Station

CRA also worked on the second berm and surveyed in limits of excavation

ARCADIS performed construction monitoring, sheen monitoring downstream of work area, CQA Manager inspected staging areas and secondary containment around fuel tanks, sent off (1) sheen sample to B&B Labs.

REMOVAL:	N/A	CY	BACKFILL CY
REACTIVE CAP PLACEMENT:	N/A	TONS	SF
REACTIVE CAP MATERIALS:	N/A	TONS	ORGANOCLAY TONS
AMENDMENT PLACEMENT:	N/A	TONS	SF
OFFSITE TRANSPORT/DISPOSAL:	N/A	TONS	TRUCKS

## QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

Turbidity recordings AM/PM: Downstream 18.1/21.9.

(3) Brittle sheen patches observed during observation, removed using absorbent material

No exceedances on dust meters.

## PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

Safety stand down due to lightening strike (30) mins.

## OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

Freezer arrived and placed in front of Incident Command, Baker came out to repair a pipe discharge line.

## TEST EQUIPMENT CALIBRATIONS:

SidePak Dust Monitors: Zero Cal.

## SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR David Drost

SIGNATURE David Drost

TITLE CQA Monitor

PAGE 1 OF 1

# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY D. Drost

CQA MONITOR D. Drost

SITE FIELD MANAGER W. Stolle

WORK DAY START TIME 630

WORK DAY STOP TIME 1700

VISITORS Arnold and Bevins Electrical

COVE WATER LEVEL 20.8"

DATE 09/05/2014 WEATHER ☒ Bright Sun TEMPERATURE ☐ < 32

DAY ☐ Clear ☐ 32 to 50

☐ Sunday ☐ Overcast ☐ 50 to 70

☐ Monday ☐ Rain ☐ 70 to 85

☐ Tuesday ☐ Snow ☒ > 85

☐ Wednesday WIND HUMIDITY

☐ Thursday ☒ Calm ☐ Dry

☒ Friday ☐ Moderate ☐ Moderate

☐ Saturday ☐ Strong ☒ Humid

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Discussed using snake chaps in all work along Inlet Channel in any vegetation taller than 1.0'. Also talked about making sure everyone has a pair and order some if we need them.

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

Identified a concern of soft mud in the creek bed creating a sticking hazard, resulting in a twisted knee or ankle. Notification was made to all ground personnel to keep an eye on footing in the channel.

## FIELD WORK

### CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (2), Stans (8), CRA (7), EMES (1), WRS (1)

### EQUIPMENT ON SITE:

(1) Excavator, (1) Marsh Buggy, (2) Ranger, (1) Skidsteer, (1) Airboat, (1) Roll-off Truck

### CONSTRUCTION ACTIVITIES:

Stans excavated the inlet channel, controlled roll-off boxes, and provided airboat transportation

CRA assisted with inlet channel excavation, surveying, material handling, mixing.

ARCADIS performed sheen observation, confirmation sampling within inlet channel, water monitoring, CQA construction monitoring

REMOVAL:	62	CY	10	BACKFILL CY
REACTIVE CAP PLACEMENT:	N/A	TONS		SF
REACTIVE CAP MATERIALS:	N/A	TONS	ORGANOCLAY	TONS
AMENDMENT PLACEMENT:	N/A	TONS		SF
OFFSITE TRANSPORT/DISPOSAL:	N/A	TONS		TRUCKS

### QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

Turbidity recordings AM/PM: Downstream 17.9/32.4 NTU.

Observed small brittle sheen patch, removed using absorbent material. No exceedances on dust meters.

Collected and recorded (8) confirmation samples at inlet channel ICR-1, ICR-2. Passed (1) Paint filter test on roll-off 122

### PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

CRA had a safety stand down from 1400-1445

Discussion with CRA to remove an additional 6" at the start of ICR-2 due to muddy, sheen bearing conditions

### OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

Bevins and Arnold were on site to hook up electrical to the wildlife freezer

### TEST EQUIPMENT CALIBRATIONS:

Horiba Cal: 0.0 NTU SidePak Dust Monitors: Zero Cal.

### SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR David Drost

SIGNATURE David Drost

TITLE CQA Monitor

PAGE 1 OF 1

# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY D. Drost

CQA MONITOR D. Drost

SITE FIELD MANAGER W. Stolle

WORK DAY START TIME 630

WORK DAY STOP TIME 1600

VISITORS \_\_\_\_\_

COVE WATER LEVEL 20.8"

DATE 09/06/2014

WEATHER ☒ Bright Sun ☐ < 32

DAY ☐ Clear ☐ 32 to 50

☐ Sunday ☐ Overcast ☐ 50 to 70

☐ Monday ☐ Rain ☐ 70 to 85

☐ Tuesday ☐ Snow ☒ > 85

☐ Wednesday WIND HUMIDITY

☐ Thursday ☒ Calm ☐ Dry

☐ Friday ☐ Moderate ☐ Moderate

☒ Saturday ☐ Strong ☒ Humid

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Discussed importance of good communication between ground personnel and equipment operators. Need more site radios so all crew has one.

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

When taking off standard work boots and putting on rubber mud boots, employee noted that his work boots had been sitting out in veg for a long period of time unattended. He made sure to check inside of them before putting them back on.

## FIELD WORK

## CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (1), Stans (8), CRA (6), EMES (0), WRS (0)

## EQUIPMENT ON SITE:

(1) Excavator, (1) Marsh Buggy, (3) Ranger, (1) Skidsteer, (1) Airboat, (1) Roll-off Truck

## CONSTRUCTION ACTIVITIES:

Stans excavated the inlet channel, controlled roll-off boxes, and provided airboat transportation

CRA assisted with inlet channel excavation, surveying, material handling, mixing.

ARCADIS performed sheen observation, confirmation sampling within inlet channel, water monitoring, CQA construction monitoring

Removed 86 linear ft. of material

REMOVAL:	76	CY	0	BACKFILL CY
REACTIVE CAP PLACEMENT:	N/A	TONS		SF
REACTIVE CAP MATERIALS:	N/A	TONS	ORGANOCLAY	TONS
AMENDMENT PLACEMENT:	N/A	TONS		SF
OFFSITE TRANSPORT/DISPOSAL:	69.4 from 9-5-14	TONS	5	TRUCKS

## QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

Turbidity recordings AM/PM: Downstream 21.2/25.0 NTU.

No exceedances on dust meters.

Collected and recorded (5) confirmation samples at Inlet Channel ICR-2.

## PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

Removed an additional 3.0' of depth in ICR-2 where CMP was removed.

Removed an additional 0.5' of depth in ICR-2 due to standing water conditions leaving a sheen

## OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

## TEST EQUIPMENT CALIBRATIONS:

SidePak Dust Monitors: Zero Cal.

## SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR David Drost

SIGNATURE David Drost

TITLE CQA Monitor

PAGE 1 OF 1

# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY D. Drost

CQA MONITOR D. Drost

SITE FIELD MANAGER W. Stolle

WORK DAY START TIME 630

WORK DAY STOP TIME 1700

VISITORS \_\_\_\_\_

COVE WATER LEVEL 20.5"

DATE 09/08/2014

WEATHER ☐ Bright Sun ☐ < 32

DAY ☒ Clear ☐ 32 to 50

☐ Sunday ☐ Overcast ☐ 50 to 70

☒ Monday ☐ Rain ☐ 70 to 85

☐ Tuesday ☐ Snow ☒ > 85

☐ Wednesday WIND HUMIDITY

☐ Thursday ☐ Calm ☐ Dry

☐ Friday ☒ Moderate ☒ Moderate

☐ Saturday ☐ Strong ☐ Humid

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Reviewed LPO performed Friday during our sediment sampling event. Learned lessons are; good verbal communication with all personnel entering your site and take the time to find adequate entry to the creek.

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

Boat crew member noted that he had his ear muffs laying on the deck for an extended period of time, noting there was a potential for a spider to have crawled in them, he thoroughly checked them before placing them on his head.

## FIELD WORK

## CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (1), Stans (7), CRA (7), EMES (0), WRS (1)

## EQUIPMENT ON SITE:

(1) Excavator, (1) Marsh Buggy, (3) Ranger, (1) Skidsteer, (1) Airboat, (1) Roll-off Truck, (2) Pumps

## CONSTRUCTION ACTIVITIES:

Stans excavated the inlet channel, controlled roll-off boxes, and provided airboat transportation

CRA assisted with inlet channel excavation, surveying, material handling, mixing.

ARCADIS performed sheen observation, confirmation sampling within inlet channel, water monitoring, CQA construction monitoring

LINEAR FOOTAGE REMOVED: 276 from station 2+50 to 5+30

REMOVAL:	135	CY	0	BACKFILL CY
REACTIVE CAP PLACEMENT:	N/A	TONS		SF
REACTIVE CAP MATERIALS:	N/A	TONS	ORGANOCLAY	TONS
AMENDMENT PLACEMENT:	N/A	TONS		SF
OFFSITE TRANSPORT/DISPOSAL:	78.8	TONS	5	TRUCKS

## QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

Turbidity recordings AM/PM: Downstream 22.6/18.9 NTU.

Observed small brittle sheen patch in NE corner along vegetation line, removed using absorbent material. No exceedances on dust meters.

Collected and recorded (13) confirmation samples at inlet channel ICR-2 through ICR-4. (12) were passing

## PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

Removed an additional 0.5' of depth from approximately 80' in ICR-2 where standing water had sheen present.

Removed an additional 0.5' of depth near ICR 4-4 (8'x4') due to standing water conditions, leaving a sheen.

## OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

## TEST EQUIPMENT CALIBRATIONS:

SidePak Dust Monitors: Zero Cal.

## SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR David Drost

TITLE CQA Monitor

SIGNATURE David Drost

PAGE 1 OF 1

# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY D. Drost

CQA MONITOR D. Drost

SITE FIELD MANAGER W. Stolle

WORK DAY START TIME 630

WORK DAY STOP TIME 1700

VISITORS \_\_\_\_\_

COVE WATER LEVEL 20.0"

DATE 09/09/2014

WEATHER ☐ Bright Sun ☐ < 32

DAY ☒ Clear ☐ 32 to 50

☐ Sunday ☐ Overcast ☐ 50 to 70

☐ Monday ☐ Rain ☐ 70 to 85

☒ Tuesday ☐ Snow ☒ > 85

☐ Wednesday

WIND ☐ Calm ☐ Humidity

☐ Thursday ☒ Moderate ☒ Moderate

☐ Friday ☐ Strong ☐ Humid

☐ Saturday

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Discussed limiting personnel walking along mat road. Too much heavy equipment traffic limiting visibility of personnel. Take a truck or UTV whenever possible to limit exposure.

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

When taking a break from the sun an employee sought shade under a tree, before sitting down on the embankment of the creek employee found a spot not vegetated in order to avoid any contact with a harmful biological.

## FIELD WORK

## CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (1), Stans (7), CRA (7), EMES (0), WRS (1)

## EQUIPMENT ON SITE:

(2) Excavators, (1) Marsh Buggy, (3) Ranger, (1) Skidsteer, (1) Airboat, (1) Roll-off Truck, (2) Pumps

## CONSTRUCTION ACTIVITIES:

Stans excavated the inlet channel, controlled roll-off boxes, and provided airboat transportation

CRA backfilled from station 0+73-2+00, surveying, material handling, mixing.

ARCADIS performed sheen observation, water monitoring, CQA construction monitoring

## LINEAR FOOTAGE REMOVED: 276 from station 2+50 to 5+30

REMOVAL:	50	CY	0	BACKFILL CY
REACTIVE CAP PLACEMENT:	N/A	TONS		SF
REACTIVE CAP MATERIALS:	N/A	TONS	ORGANOCLAY	TONS
AMENDMENT PLACEMENT:	N/A	TONS		SF
OFFSITE TRANSPORT/DISPOSAL:	0	TONS	0	TRUCKS

## QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

Turbidity recordings AM/PM: Downstream 28.2/21.0 NTU.

No sheen observed downstream of work area.

No exceedances on dust meters.

## PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

Removed an additional 0.5' from most of ICR-2 to eliminate sheen bearing puddles.

Removed an additional 1.0" of depth in the sharp curve at station 2+05 where the vert. pipe was removed due to exposed free product

## OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

## TEST EQUIPMENT CALIBRATIONS:

SidePak Dust Monitors: Zero Cal.

## SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR David Drost

TITLE CQA Monitor

SIGNATURE David Drost

PAGE 1 OF 1

# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY D. Drost

CQA MONITOR D. Drost

SITE FIELD MANAGER W. Stolle

WORK DAY START TIME 630

WORK DAY STOP TIME 1700

VISITORS \_\_\_\_\_

COVE WATER LEVEL 19.5"

DATE 09/10/2014

WEATHER ☐ Bright Sun ☐ < 32

DAY ☒ Clear ☐ 32 to 50

☐ Sunday ☐ Overcast ☐ 50 to 70

☐ Monday ☐ Rain ☒ 70 to 85

☐ Tuesday ☐ Snow ☐ > 85

☒ Wednesday WIND HUMIDITY

☐ Thursday ☐ Calm ☐ Dry

☐ Friday ☐ Moderate ☒ Moderate

☐ Saturday ☒ Strong ☐ Humid

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Discussed positioning of spotter when trucks are backing into the unloading areas. Importance of dust control. Taking the steps to obtain a water tank today.

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

When attempting to pull out of IC parking lot on a Ranger, an employee noticed a vehicle in the far distance. Being in a standard vehicle it wouldn't have been a problem, but he decided to wait to avoid a possibility of a collision

## FIELD WORK

### CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (1), Stans (7), CRA (7), EMES (2), WRS (1)

### EQUIPMENT ON SITE:

(2) Excavators, (1) Marsh Buggy, (3) Ranger, (1) Skidsteer, (1) Airboat, (1) Roll-off Truck, (2) Pumps, (1) Water Buffalo

### CONSTRUCTION ACTIVITIES:

Stans excavated the inlet channel, controlled roll-off boxes, and provided airboat transportation, progress made from 5+42-5+68

CRA backfilled from station 2+00-5+68, surveying, material handling, mixing.

ARCADIS performed sheen observation, confirmation sampling within inlet channel, water monitoring, CQA construction monitoring

LINEAR FOOTAGE REMOVED: 26ft from station 5+42-5+68, and minor scraping to eliminate sheen bearing mud on previous dig.

REMOVAL:	104	CY	180	BACKFILL CY
REACTIVE CAP PLACEMENT:	N/A	TONS		SF
REACTIVE CAP MATERIALS:	N/A	TONS	ORGANOCLAY	TONS
AMENDMENT PLACEMENT:	N/A	TONS		SF
OFFSITE TRANSPORT/DISPOSAL:	120	TONS	8	TRUCKS

### QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

Turbidity recordings AM/PM: Downstream 24.7/25.0 NTU.

No sheen observed downstream of work area. No exceedances on dust meters.

Collected (2) confirmation samples @ ICR-5-1, ICR-5-2, both passing.

### PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

Removed an additional 0.25' from station 2+10-4+00

Removed an additional 2.0' of depth in the curve at 4+30-4+50, then continued with minor scraping to ICR-5

### OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

14 trucks of clean import (200 cy), water buffalo for dust suppression

### TEST EQUIPMENT CALIBRATIONS:

SidePak Dust Monitors: Zero Cal.

### SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR David Drost

TITLE CQA Monitor

SIGNATURE David Drost

PAGE 1 OF 1

# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY D. Drost

CQA MONITOR D. Drost

SITE FIELD MANAGER W. Stolle

WORK DAY START TIME 630

WORK DAY STOP TIME 1700

VISITORS \_\_\_\_\_

COVE WATER LEVEL 19.5"

DATE 09/11/2014

WEATHER ☐ Bright Sun ☐ < 32  
☐ Clear ☐ 32 to 50  
☐ Overcast ☐ 50 to 70  
☒ Rain ☒ 70 to 85  
☐ Snow ☐ > 85

WIND HUMIDITY

☒ Calm ☐ Dry  
☒ Moderate ☐ Moderate  
☐ Strong ☒ Humid

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Reviewed the (4) NLI from the previous day. Incident involving bad placement of the excavator bucket, loss of material from a Marooka, overloaded truck, boxes being too close to the back of the containment area.

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

With the wet conditions today, footing is going to be slick and sticky. CRA ordered sand and rock to help with traction in some of the down slope areas where personnel are walking.

## FIELD WORK

### CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (1), Stans (6), CRA (7), EMES (2), WRS (1)

### EQUIPMENT ON SITE:

(2) Excavators, (1) Marsh Buggy, (3) Ranger, (1) Skidsteer, (1) Airboat, (1) Roll-off Truck, (2) Pumps, (1) Water Buffalo

### CONSTRUCTION ACTIVITIES:

Stans spotted trucks and manned the pumps at the inlet channel

CRA investigated loss involving sub-contractor truck driver slipping on some wet plywood

ARCADIS performed administrative duties in the office. No work performed.

### LINEAR FOOTAGE REMOVED:

REMOVAL:	0	CY	0	BACKFILL CY
REACTIVE CAP PLACEMENT:	N/A	TONS		SF
REACTIVE CAP MATERIALS:	N/A	TONS	ORGANOCLAY	TONS
AMENDMENT PLACEMENT:	N/A	TONS		SF
OFFSITE TRANSPORT/DISPOSAL:	82.28	TONS	5	TRUCKS

### QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

Turbidity reading AM/PM: 40.2/41.7

Did not perform a sheen monitoring and dust monitoring event due to inclement weather

### PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

### OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

### TEST EQUIPMENT CALIBRATIONS:

### SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR David Drost

TITLE CQA Monitor

SIGNATURE David Drost

PAGE 1 OF 1



# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY D. Drost

CQA MONITOR D. Drost

SITE FIELD MANAGER W. Stolle

WORK DAY START TIME 630

WORK DAY STOP TIME 1700

VISITORS \_\_\_\_\_

COVE WATER LEVEL 19.5"

DATE 09/12/2014

WEATHER ☐ Bright Sun ☐ < 32

DAY ☐ Clear ☐ 32 to 50

☐ Sunday ☐ Overcast ☐ 50 to 70

☐ Monday ☒ Rain ☒ 70 to 85

☐ Tuesday ☐ Snow ☐ > 85

☐ Wednesday WIND ☐ Calm HUMIDITY ☐ Dry

☐ Thursday ☒ Moderate ☐ Moderate

☒ Friday ☐ Strong ☒ Humid

☐ Saturday

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Reviewed loss from yesterday. A sub-contracted truck driver slipped on wet plywood during an unloading event at the rock yard during a rainstorm. Several immediate actions were taken including putting sand on the containment area.

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

While attempting to perform confirmation sampling, employee noted that the conditions of any areas off of the road mats were unsuitable for any vehicle which could result in driver having to get out and pull and sprain a muscle trying to pry out the vehicle.

## FIELD WORK

## CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (1), Stans (6), CRA (7), EMES (1), WRS (1)

## EQUIPMENT ON SITE:

(2) Excavators, (1) Marsh Buggy, (3) Ranger, (1) Skidsteer, (1) Airboat, (1) Roll-off Truck, (2) Pumps, (1) Water Buffalo

## CONSTRUCTION ACTIVITIES:

Stans spotted trucks and manned the pumps at the inlet channel and continued digging the inlet channel

CRA backfilled inlet channel, surveyed, mixed in the MHA and filled boxes

ARCADIS performed (1) confirmation sample, construction observations and monitoring.

## LINEAR FOOTAGE REMOVED:

REMOVAL:	60	CY	60	BACKFILL CY
REACTIVE CAP PLACEMENT:	N/A	TONS		SF
REACTIVE CAP MATERIALS:	N/A	TONS	ORGANOCLAY	TONS
AMENDMENT PLACEMENT:	N/A	TONS		SF
OFFSITE TRANSPORT/DISPOSAL:	48.56	TONS	3	TRUCKS

## QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

Turbidity reading at the downstream outlet to Lake Conway AM/PM: 50.2/37.3

No sheen observed downstream of work area.

No dust monitoring.

## PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

Pumped water from Interstate Dr. culvert to diffusion area.

## OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

20 cy of clay, 17 ton of sand, 20.69 ton of class 7 stone.

## TEST EQUIPMENT CALIBRATIONS:

Horiba Cal: 0.0 NTU

## SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR David Drost

SIGNATURE David Drost

TITLE CQA Monitor

PAGE 1 OF 1

# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY D. Drost

CQA MONITOR D. Drost

SITE FIELD MANAGER W. Stolle

WORK DAY START TIME 700

WORK DAY STOP TIME 1500

VISITORS \_\_\_\_\_

COVE WATER LEVEL 21.00"

DATE 09/13/2014

DAY ☐ Sunday ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☒ Saturday

WEATHER ☐ Bright Sun ☐ Clear ☒ Overcast ☐ Rain ☐ Snow

WIND ☒ Calm ☐ Moderate ☐ Strong

TEMPERATURE ☐ < 32 ☐ 32 to 50 ☐ 50 to 70 ☒ 70 to 85 ☐ > 85

HUMIDITY ☐ Dry ☐ Moderate ☒ Humid

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Talked about wet conditions again pertaining to footing when accessing the pump area. Utilize the rock path area to walk down to the inlet channel.

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

When pumping the inlet channel collection sump, employee noticed potential for cave in due to water erosion. He made sure to keep a 6.0' distance from the channel edge to avoid falling in.

## FIELD WORK

### CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (1), Stans (5), CRA (6), EMES (0), WRS (0)

### EQUIPMENT ON SITE:

(2) Excavators, (1) Marsh Buggy, (3) Ranger, (1) Skidsteer, (1) Airboat, (1) Roll-off Truck, (2) Pumps, (1) Water Buffalo

### CONSTRUCTION ACTIVITIES:

Stans assisted with pumping activities

CRA assisted with pumping activities

ARCADIS performed administrative duties in the IC

### LINEAR FOOTAGE REMOVED:

REMOVAL:	0	CY	0	BACKFILL CY
REACTIVE CAP PLACEMENT:	N/A	TONS	ORGANOCLAY	SF
REACTIVE CAP MATERIALS:	N/A	TONS		TONS
AMENDMENT PLACEMENT:	N/A	TONS		SF
OFFSITE TRANSPORT/DISPOSAL:	0	TONS	0	TRUCKS

### QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

No turbidity readings or dust monitoring readings due to inclement weather

No sheen monitoring due to inclement weather.

### PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

Pumped water from Interstate Dr. culvert to diffusion area.

Permit only issued for water removal activities. No work was performed.

### OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

### TEST EQUIPMENT CALIBRATIONS:

N/A

### SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR David Drost

TITLE CQA Monitor

SIGNATURE David Drost

PAGE 1 OF 1

# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower  
 REPORT PREPARED BY D. Drost  
 CQA MONITOR D. Drost  
 SITE FIELD MANAGER W. Stolle  
 WORK DAY START TIME 630  
 WORK DAY STOP TIME 1530  
 VISITORS \_\_\_\_\_  
 COVE WATER LEVEL 21.00"

DATE 09/15/2014 WEATHER ☐ Bright Sun ☐ < 32  
☐ Clear ☐ 32 to 50  
☐ Sunday ☒ Overcast ☐ 50 to 70  
☒ Monday ☐ Rain ☐ 70 to 85  
☐ Tuesday ☐ Snow ☒ > 85  
☐ Wednesday WIND HUMIDITY  
☐ Thursday ☒ Calm ☐ Dry  
☐ Friday ☐ Moderate ☒ Moderate  
☐ Saturday ☐ Strong ☐ Humid

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Had a round table discussion on issues or concerns that anyone may have. Talked about using the right tool for the job and keeping in communication with equipment operators.

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

During lunch when attempting to park in the restaurant parking lot, one of the employees noted that there was potential to be blocked in by another vehicle if he attempted to park in that particular spot. He opted to park in another area to avoid that situation.

## FIELD WORK

## CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (1), Stans (6), CRA (7), EMES (0), WRS (3)

## EQUIPMENT ON SITE:

(2) Excavators, (1) Marsh Buggy, (3) Ranger, (1) Skidsteer, (1) Airboat, (1) Roll-off Truck, (2) Pumps, (1) Water Buffalo

## CONSTRUCTION ACTIVITIES:

Stans assisted with excavation in the channel, airboat operations and Marooka truck operations  
 CRA assisted with backfill in the channel, solidification in the MHA and surveying  
 ARCADIS performed confirmation sampling, construction monitoring and sheen observation

LINEAR FOOTAGE REMOVED: 6+30-6+94 64 ft. @ 0.5', additional 50' @ 0.25'

REMOVAL:	96	CY	20	BACKFILL CY
REACTIVE CAP PLACEMENT:	N/A	TONS		SF
REACTIVE CAP MATERIALS:	N/A	TONS	ORGANOCLAY	TONS
AMENDMENT PLACEMENT:	N/A	TONS		SF
OFFSITE TRANSPORT/DISPOSAL:	55.14	TONS	4	TRUCKS

## QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

Turbidity Readings at the Outlet culvert AM/PM: 31.4, 28.8  
 No sheen observed downstream of work area.  
 No dust monitoring.

## PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

Had (2) failed samples @ ICR-6-4, ICR-7-1, we moved back to the south @ ICR-6-3 and dug an additional 0.5'  
 Performed an after rain event BMP inspection. The berm at the Interstate Dr. culvert has been washed away, was fixed before end of day

## OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

Received (4) trucks of clean import @ 12 cy each

## TEST EQUIPMENT CALIBRATIONS:

## SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR David Drost  
 SIGNATURE David Drost

TITLE CQA Monitor  
 PAGE 1 OF 1

# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY D. Drost

CQA MONITOR D. Drost

SITE FIELD MANAGER W. Stolle

WORK DAY START TIME 630

WORK DAY STOP TIME 1700

VISITORS \_\_\_\_\_

COVE WATER LEVEL 21.00"

DATE 09/16/2014

WEATHER ☐ Bright Sun ☐ < 32  
☐ Clear ☐ 32 to 50  
☐ Overcast ☐ 50 to 70  
☐ Rain ☐ 70 to 85  
☒ Tuesday ☐ Snow ☒ > 85

WIND HUMIDITY

☐ Wednesday ☐ Calm ☐ Dry  
☐ Thursday ☒ Moderate ☒ Moderate  
☐ Friday ☐ Strong ☐ Humid  
☐ Saturday

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Discussed how to prevent getting excavators stuck in the soft mud. When operating around the creek edge use road mats to disperse the weight of the machine.

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

During a site survey an employee noted that in order to pass a piece of equipment on the mat road, they would be within the swing radius of an excavator. The employee radioed to the operator to stop before proceeding.

## FIELD WORK

## CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (5), Stans (7), CRA (8), EMES (0), WRS (3)

## EQUIPMENT ON SITE:

(2) Excavators, (1) Marsh Buggy, (3) Ranger, (1) Skidsteer, (1) Airboat, (1) Roll-off Truck, (2) Pumps

## CONSTRUCTION ACTIVITIES:

Stans assisted with excavation in the channel, airboat operations and Marooka truck operations  
 CRA assisted with backfill in the channel, solidification in the MHA and surveying  
 ARCADIS performed confirmation sampling, construction monitoring and sheen observation

LINEAR FOOTAGE REMOVED: 6+94-7+11 @ 1.0', 7+11-7+26 @ 15", 7+26-7+40 @ 0.5'

REMOVAL:	72	CY	84	BACKFILL CY
REACTIVE CAP PLACEMENT:	N/A	TONS		SF
REACTIVE CAP MATERIALS:	N/A	TONS	ORGANOCLAY	TONS
AMENDMENT PLACEMENT:	N/A	TONS		SF
OFFSITE TRANSPORT/DISPOSAL:	78.65	TONS	6	TRUCKS

## QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

Turbidity Readings at the Outlet culvert AM/PM: 33.1, 32.8  
 No sheen observed downstream of work area.  
 Passed (1) Paint Filter Test on roll-off #OTSG-03

## PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

Restored the embankment at station 6+94 where the excavator was stuck. Removed an additional 25 cy of material from embankment.  
 Used additional backfill in the area of 6+94 to restore. Approx. 40 cy was used to replace lost material.


## OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

Received (6) trucks of clean import @ 14 cy each

## TEST EQUIPMENT CALIBRATIONS:

## SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR David Drost

SIGNATURE 

TITLE CQA Monitor

PAGE 1 OF 1

# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY S. Patil

CQA MONITOR S. Patil/D. Drost

SITE FIELD MANAGER W. Stolle

WORK DAY START TIME 700

WORK DAY STOP TIME 1600

VISITORS R. Parmelee

COVE WATER LEVEL 20.7"

DATE 09/17/2014

WEATHER ☐ Bright Sun ☐ < 32

DAY ☒ Clear ☐ 32 to 50

☐ Sunday ☐ Overcast ☐ 50 to 70

☐ Monday ☐ Rain ☐ 70 to 85

☐ Tuesday ☐ Snow ☐ > 85

☒ Wednesday WIND HUMIDITY

☐ Thursday ☒ Calm ☐ Dry

☐ Friday ☐ Moderate ☒ Moderate

☐ Saturday ☐ Strong ☐ Humid

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Talked about using SPSA and LPS system uses during daily tasks. Importance of communication within the team and vendors was discussed.

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

While collecting the confirmation sample, limited access points were observed. Employee checked the area and used a sloped bank to enter the removal area to collect the sample.

## FIELD WORK

## CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (2), Stans (7), CRA (7), EMES (0), WRS (0)

## EQUIPMENT ON SITE:

(2) Excavators, (1) Marsh Buggy, (3) Ranger, (1) Skidsteer, (1) Airboat, (1) Roll-off Truck, (2) Pumps

## CONSTRUCTION ACTIVITIES:

Stans excavated the Inlet Channel Section ICR-8 (7+40 to 8+03), controlled roll-off boxes, and provided airboat transportation  
CRA backfilled the Inlet Channel station 7+40 to 7+86, surveying, material transporting/handling and mixing, and air monitoring.  
ARCADIS performed sheen and turbidity monitoring; confirmation sampling within inlet channel, CQA construction monitoring.

## LINEAR FOOTAGE REMOVED: 9" @ 7+40 to 8+03

REMOVAL:	19	CY	16	BACKFILL CY
REACTIVE CAP PLACEMENT:	N/A	TONS		SF
REACTIVE CAP MATERIALS:	N/A	TONS	ORGANOCLAY	TONS
AMENDMENT PLACEMENT:	N/A	TONS		SF
OFFSITE TRANSPORT/DISPOSAL:	93.64	TONS	7	TRUCKS

## QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

Turbidity Readings at the Outlet culvert AM/PM: 32.7, 32.2

No sheen observed downstream of work area.

No exceedances on dust meters.

## PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

Failed confirmation samples, additional 3" excavated from ICR-8.

## OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

7 trucks of clean fill material (clay) delivered to the site (approximately 101 cy).

## TEST EQUIPMENT CALIBRATIONS:

SidePak Dust Monitors: Zero Cal.

## SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR Sonal Patil

TITLE CQA Monitor

SIGNATURE 

PAGE 1 OF 1

# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY S. Patil

CQA MONITOR S. Patil

SITE FIELD MANAGER W. Stolle

WORK DAY START TIME 700

WORK DAY STOP TIME 1600

VISITORS \_\_\_\_\_

COVE WATER LEVEL 20.4"

DATE 09/18/2014

WEATHER ☐ Bright Sun ☐ < 32  
☐ Clear ☐ 32 to 50  
☒ Overcast ☐ 50 to 70  
☐ Rain ☒ 70 to 85  
☐ Snow ☐ > 85

DAY ☐ Sunday ☒ Thursday ☐ Friday ☐ Saturday

WIND ☒ Calm ☐ Moderate ☐ Strong

HUMIDITY ☐ Dry ☒ Moderate ☐ Humid

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Discussed use of fire extinguisher and first aid box in the equipment. Discussed providing escort for an off-site delivery and haul trucks. Discussed creating a slop/steps to enter in the removal area for confirmation sampling.

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

A spotter was provided near the mixing area to guide the haul truck drivers and other personnel entering the site to avoid accidents.

## FIELD WORK

### CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (3), Stans (7), CRA (9), EMES (0), WRS (3)

### EQUIPMENT ON SITE:

(2) Excavators, (1) Marsh Buggy, (3) Ranger, (1) Skidsteer, (1) Airboat, (1) Roll-off Truck, (2) Pumps, (1) Barge, (1) Sand Blasting pot

### CONSTRUCTION ACTIVITIES:

Stans excavated the Inlet Channel Section ICR-8 and ICR-9, controlled roll-off boxes, and provided airboat transportation  
 CRA backfilled the Inlet Channel station 7+86 to 8+44, surveying, material transporting/handling and mixing, air monitoring, and access road.  
 ARCADIS performed sheen and turbidity monitoring; confirmation sampling within inlet channel, CQA construction monitoring.

### LINEAR FOOTAGE REMOVED: 12" @ 7+86 to 8+15; 28.8" @ 8+15 to 8+44; and 12" @ 8+44 to 8+70

REMOVAL:	48	CY	28.5	BACKFILL CY
REACTIVE CAP PLACEMENT:	N/A	TONS		SF
REACTIVE CAP MATERIALS:	N/A	TONS	ORGANOCLAY	TONS
AMENDMENT PLACEMENT:	N/A	TONS		SF
OFFSITE TRANSPORT/DISPOSAL:	150.16	TONS	11	TRUCKS

### QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

Turbidity Readings at the Outlet culvert AM/PM: 33.8, 32.0 NTU  
 No sheen observed downstream of work area. No exceedances on dust meters.  
 2 paint filter tests passed and 2 waste characterization samples collected.

### PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

While excavating Section ICR-9, sheen was observed seeping from the sidewall from a tree stump. A confirmation sample taken from the tree stump failed the stir-test and the sidewall was excavated for additional 6 to 9 inches.

### OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

### TEST EQUIPMENT CALIBRATIONS:

Horiba Cal: 0.0 NTU SidePak Dust Monitors: Zero Cal.

### SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR Sonal Patil

SIGNATURE 

TITLE CQA Monitor

PAGE 1 OF 1

# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY S. Patil

CQA MONITOR S. Patil

SITE FIELD MANAGER W. Stolle

WORK DAY START TIME 700

WORK DAY STOP TIME 1630

VISITORS \_\_\_\_\_

COVE WATER LEVEL 20.2"

DATE 09/19/2014

WEATHER ☐ Bright Sun ☐ < 32

DAY ☒ Clear ☐ 32 to 50

☐ Sunday ☐ Overcast ☐ 50 to 70

☐ Monday ☐ Rain ☒ 70 to 85

☐ Tuesday ☐ Snow ☐ > 85

☐ Wednesday

WIND ☒ Calm ☐ Dry

☐ Thursday ☐ Moderate ☒ Moderate

☒ Friday ☐ Strong ☐ Humid

☐ Saturday

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Discussed dust suppression measures and parking of ATVs to avoid hindrance to work equipment.

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

While recording the afternoon turbidity reading at the Cove Outlet, slipping hazard was identified. It was decided that a pole will be placed near the Cove Outlet to maintain 3-point contact while accessing the monitoring location.

## FIELD WORK

### CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (2), Stans (7), CRA (7), EMES (0), WRS (0)

### EQUIPMENT ON SITE:

(2) Excavators, (1) Marsh Buggy, (3) Ranger, (1) Skidsteer, (1) Airboat, (1) Roll-off Truck, (2) Pumps, (1) Barge, (1) Sand Blasting pot

### CONSTRUCTION ACTIVITIES:

Stans excavated the Inlet Channel Section ICR-9 and ICR-10, controlled roll-off boxes, and provided airboat transportation

CRA backfilled the Inlet Channel station 8+44 to 9+27, surveying, material transporting/handling and mixing, and air monitoring.

ARCADIS performed sheen and turbidity monitoring; confirmation sampling within inlet channel, CQA construction monitoring.

### LINEAR FOOTAGE REMOVED: 1.3-1.4' @ 8+44 to 8+87; 2.4' @ 8+87 to 9+07; and 0.5' @ 9+07 to 9+27

REMOVAL:	45	CY	28	BACKFILL CY
REACTIVE CAP PLACEMENT:	N/A	TONS		SF
REACTIVE CAP MATERIALS:	N/A	TONS	ORGANOCLAY	TONS
AMENDMENT PLACEMENT:	N/A	TONS		SF
OFFSITE TRANSPORT/DISPOSAL:	105.15	TONS	8	TRUCKS

### QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

Turbidity Readings at the Outlet culvert AM/PM: 29.4, 23.0 NTU

No sheen observed downstream of work area.

No exceedances on dust meters.

### PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

Removed a big tree stump located on the south sidewall of ICR-10.

Excavated last portion of ICR-9 for 14.6" and first portion of ICR-10 for 28.8".

### OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

### TEST EQUIPMENT CALIBRATIONS:

SidePak Dust Monitors: Zero Cal.

### SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR Sonal Patil

SIGNATURE 

TITLE CQA Monitor

PAGE 1 OF 1

# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY S. Patil

CQA MONITOR S. Patil

SITE FIELD MANAGER W. Stolle

WORK DAY START TIME 700

WORK DAY STOP TIME 1140

VISITORS \_\_\_\_\_

COVE WATER LEVEL 20"

DATE 09/20/2014

WEATHER ☐ Bright Sun ☐ < 32

DAY ☒ Clear ☐ 32 to 50

☐ Sunday ☐ Overcast ☐ 50 to 70

☐ Monday ☐ Rain ☒ 70 to 85

☐ Tuesday ☐ Snow ☐ > 85

☐ Wednesday WIND ☐ Calm ☐ Dry

☐ Thursday ☒ Moderate ☒ Moderate

☐ Friday ☐ Strong ☐ Humid

☒ Saturday

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Discussed top 5 questionable items on a work site and SPSAs from 9/19/2014.

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

While loading excavated material, a truck was parked on the edge of the Inlet Channel. A slipping hazard was identified due to soft bank and driver moved the truck away from the bank.

## FIELD WORK

### CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (2), Stans (7), CRA (5), EMES (0), WRS (0)

### EQUIPMENT ON SITE:

(2) Excavators, (1) Marsh Buggy, (3) Ranger, (1) Skidsteer, (1) Airboat, (1) Roll-off Truck, (2) Pumps, (1) Barge, (1) Sand Blasting pot

### CONSTRUCTION ACTIVITIES:

Stans excavated the Inlet Channel Section ICR-10, controlled roll-off boxes, and provided airboat transportation

CRA backfilled the Inlet Channel station 9+27 to 9+72, surveying, and material transporting/handling and mixing.

ARCADIS performed sheen and turbidity monitoring; confirmation sampling within inlet channel, CQA construction monitoring.

### LINEAR FOOTAGE REMOVED: 9" @ 9+27 to 9+44; 6" @ 9+44 to 9+72

REMOVAL:	11	CY	3	BACKFILL CY
REACTIVE CAP PLACEMENT:	N/A	TONS		SF
REACTIVE CAP MATERIALS:	N/A	TONS	ORGANOCLAY	TONS
AMENDMENT PLACEMENT:	N/A	TONS		SF
OFFSITE TRANSPORT/DISPOSAL:	26.11	TONS	2	TRUCKS

### QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

Turbidity Readings at the Outlet culvert AM/PM: 34.3, 23.0 NTU

No sheen observed downstream of work area.

### PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

Removed additional 3" at Section ICR-10 from 9+27 to 9+44.

### OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

### TEST EQUIPMENT CALIBRATIONS:

### SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR Sonal Patil

TITLE CQA Monitor

SIGNATURE 

PAGE 1 OF 1



# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY D. Drost

CQA MONITOR D. Drost

SITE FIELD MANAGER C. Peltier

WORK DAY START TIME 630

WORK DAY STOP TIME 1700

VISITORS City employee installed water meter

COVE WATER LEVEL 19.75"

DATE 09/22/2014

WEATHER ☐ Bright Sun ☐ < 32

DAY ☒ Clear ☐ 32 to 50

☐ Sunday ☐ Overcast ☐ 50 to 70

☒ Monday ☐ Rain ☒ 70 to 85

☐ Tuesday ☐ Snow ☐ > 85

☐ Wednesday

WIND ☒ Calm ☐ Dry

☐ Thursday ☐ Moderate ☒ Moderate

☐ Friday ☐ Strong ☐ Humid

☐ Saturday

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Discussed wearing snake chaps during all work being done in the inlet channel area. If you are in the MHA they are not required unless you go off rock.

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

While spotting a Marooka backing up, the Marooka operator noted that the spotter was standing in a precarious position with his foot in a joint of the mat road. So the operator stopped, let the spotter know that his foot was in a bad spot and then proceeded.

## FIELD WORK

## CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (1), Stans (7), CRA (6), EMES (0), WRS (0)

## EQUIPMENT ON SITE:

(2) Excavators, (1) Marsh Buggy, (3) Ranger, (1) Skidsteer, (1) Airboat, (1) Roll-off Truck, (2) Pumps

## CONSTRUCTION ACTIVITIES:

Stans assisted with excavation in the channel, airboat operations and Marooka truck operations

CRA assisted with backfill in the channel, solidification in the MHA and surveying

ARCADIS conducted confirmation samples, construction monitoring and sheen observation

## LINEAR FOOTAGE REMOVED: 9+72-10+62

REMOVAL:	108	CY	Approx. 75	BACKFILL CY
REACTIVE CAP PLACEMENT:	N/A	TONS		SF
REACTIVE CAP MATERIALS:	N/A	TONS	ORGANOCLAY	TONS
AMENDMENT PLACEMENT:	N/A	TONS		SF
OFFSITE TRANSPORT/DISPOSAL:	95.9	TONS	8	TRUCKS

## QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

Turbidity Readings at the Outlet culvert AM/PM: 27.8/32.1

No sheen observed downstream of work area.

No exceedances on dust meters.

## PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

Had (1) failing confirmation sample, so we backed up 5.0 ft. and dug an additional 0.5' in the "vein" of dirty to reduce volume for approx. 10'

## OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

Received (10) trucks of clean import @ 14 cy each and received (26) super-sacs of organoclay @ 1500 lbs.

## TEST EQUIPMENT CALIBRATIONS:

SidePak Dust Monitors: Zero Cal.

## SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR David Drost

TITLE CQA Monitor

SIGNATURE David Drost

PAGE 1 OF 1

# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY D. Drost

CQA MONITOR D. Drost

SITE FIELD MANAGER C. Peltier

WORK DAY START TIME 630

WORK DAY STOP TIME 1700

VISITORS \_\_\_\_\_

COVE WATER LEVEL 19.75"

DATE 09/23/2014

WEATHER ☐ Bright Sun ☐ < 32

DAY ☒ Clear ☐ 32 to 50

☐ Sunday ☐ Overcast ☐ 50 to 70

☐ Monday ☐ Rain ☒ 70 to 85

☒ Tuesday ☐ Snow ☐ > 85

☐ Wednesday

WIND ☒ Calm ☐ Dry

☐ Thursday ☐ Moderate ☒ Moderate

☐ Friday ☐ Strong ☐ Humid

☐ Saturday

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Discussed previous days SPSA's and talked about communication techniques regarding equipment operators and ground personnel.

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

When ground personnel noticed the potential for dust from a skidsteer dumping clean fill into the channel for backfill, they immediately got out of the zone and headed to upwind locations to prevent being infiltrated with dust particles which could cause breathing problems

## FIELD WORK

## CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (1), Stans (7), CRA (8), EMES (1), WRS (0)

## EQUIPMENT ON SITE:

(2) Excavators, (1) Marsh Buggy, (3) Ranger, (1) Skidsteer, (1) Airboat, (1) Roll-off Truck, (1) Pump, (1) Barge, (1) Sand Blasting pot

## CONSTRUCTION ACTIVITIES:

Stans assisted with excavation in the channel, airboat operations and Marooka truck operations

CRA assisted with backfill in the channel, solidification in the MHA and surveying

ARCADIS conducted confirmation samples, construction monitoring and sheen observation

## LINEAR FOOTAGE REMOVED: 10+62-11+41

REMOVAL:	Approx. 96	CY	Approx. 75	BACKFILL CY
REACTIVE CAP PLACEMENT:	N/A	TONS	ORGANOCLAY	SF
REACTIVE CAP MATERIALS:	N/A	TONS		TONS
AMENDMENT PLACEMENT:	N/A	TONS		SF
OFFSITE TRANSPORT/DISPOSAL:	Approx. 84	TONS	6	TRUCKS

## QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

Turbidity Readings at the Outlet culvert AM/PM: 58.4/48.6

No sheen observed downstream of work area.

No exceedances on dust meters.

## PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

Had (1) failed confirmation sample between 10+62-10+92 so we removed an additional 0.5' to a total of 2.0'

Observed sheen in standing water in a previously dug location 10+92-11+12, so we removed an additional 1.0' for a total of 2.5'

## OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

Received Organoclay shipment of 26 Super Sacs PM-199 @ 1500 lbs. each

## TEST EQUIPMENT CALIBRATIONS:

SidePak Dust Monitors: Zero Cal.

## SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR David Drost

TITLE CQA Monitor

SIGNATURE David Drost

PAGE 1 OF 1

# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY D. Drost

CQA MONITOR D. Drost

SITE FIELD MANAGER W. Stolle

WORK DAY START TIME 630

WORK DAY STOP TIME 1700

VISITORS \_\_\_\_\_

COVE WATER LEVEL 19.50"

DATE 09/24/2014

WEATHER ☐ Bright Sun ☐ < 32

DAY ☒ Clear ☐ 32 to 50

☐ Sunday ☐ Overcast ☐ 50 to 70

☐ Monday ☐ Rain ☒ 70 to 85

☐ Tuesday ☐ Snow ☐ > 85

☒ Wednesday WIND HUMIDITY

☐ Thursday ☒ Calm ☐ Dry

☐ Friday ☐ Moderate ☒ Moderate

☐ Saturday ☐ Strong ☐ Humid

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Discussed the use of Stop Work authority. Had a safety share of an ARCADIS employee who used stop work to save a mans life on a project recently.

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

As a first time passenger in the airboat, an employee tried standing during the movement of the airboat which could have led to falling out by hitting a stump. The boat captain immediately intervened and told him to sit down.

## FIELD WORK

## CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (1), Stans (7), CRA (8), EMES (1), WRS (0)

## EQUIPMENT ON SITE:

(2) Excavators, (1) Marsh Buggy, (3) Ranger, (1) Skidsteer, (1) Airboat, (1) Roll-off Truck, (1) Pump, (1) Barge, (1) Sand Blasting pot

## CONSTRUCTION ACTIVITIES:

Stans assisted with excavation in the channel, airboat operations and Marooka truck operations

CRA assisted with backfill in the channel, solidification in the MHA and surveying

ARCADIS conducted confirmation samples, construction monitoring and sheen observation

## LINEAR FOOTAGE REMOVED:11+42-12+12

REMOVAL:	Approx. 84	CY	Approx. 75	BACKFILL CY
REACTIVE CAP PLACEMENT:	N/A	TONS		SF
REACTIVE CAP MATERIALS:	N/A	TONS	ORGANOCLAY	TONS
AMENDMENT PLACEMENT:	N/A	TONS		SF
OFFSITE TRANSPORT/DISPOSAL:	105.65	TONS	8	TRUCKS

## QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

Turbidity Readings at the Outlet culvert AM/PM: 33.3/31.7

No sheen observed downstream of work area.

No exceedances on dust meters.

## PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

Had (1) failed confirmation sample between 11+52-11+72 so we removed an additional 0.5' to a total of 2.0'

## OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

Received 4 trucks of clean import clay for a total of 60 cy

## TEST EQUIPMENT CALIBRATIONS:

SidePak Dust Monitors: Zero Cal.

## SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR David Drost

TITLE CQA Monitor

SIGNATURE David Drost

PAGE 1 OF 1

# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY D. Drost

CQA MONITOR D. Drost

SITE FIELD MANAGER W. Stolle

WORK DAY START TIME 630

WORK DAY STOP TIME 1700

VISITORS \_\_\_\_\_

COVE WATER LEVEL 19.25"

DATE 09/25/2014

WEATHER ☐ Bright Sun ☐ < 32

DAY ☒ Clear ☐ 32 to 50

☐ Sunday ☐ Overcast ☐ 50 to 70

☐ Monday ☐ Rain ☒ 70 to 85

☐ Tuesday ☐ Snow ☐ > 85

☐ Wednesday

WIND ☒ Calm ☐ Dry

☐ Thursday ☐ Moderate ☒ Moderate

☐ Friday ☐ Strong ☐ Humid

☐ Saturday

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Remembering to bring PPE into the field. We had an instance yesterday where a crew member drove down to the work area around the channel and had forgotten gloves and needed to go back to get them.

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

A Stans employee noticed the potential for a third party import truck to drive off the mat road during a back up situation to dump. He went up to the driver and told him to stop. He then placed a spotter with the truck every time he came in after that for the day.

## FIELD WORK

## CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (1), Stans (7), CRA (8), EMES (0), WRS (0)

## EQUIPMENT ON SITE:

(2) Excavators, (1) Marsh Buggy, (3) Ranger, (1) Skidsteer, (1) Airboat, (1) Roll-off Truck, (1) Pump, (1) Barge, (1) Sand Blasting pot

## CONSTRUCTION ACTIVITIES:

Stans assisted with excavation in the channel, airboat operations and Marooka truck operations

CRA assisted with backfill in the channel, solidification in the MHA and surveying, and air monitoring.

ARCADIS conducted confirmation samples, construction monitoring and sheen observation, sheen sampling

LINEAR FOOTAGE REMOVED: 12+12-12+92 @ 0.5'

REMOVAL:	To be calculated	CY	0	BACKFILL CY
REACTIVE CAP PLACEMENT:	N/A	TONS		SF
REACTIVE CAP MATERIALS:	N/A	TONS	ORGANOCLAY	TONS
AMENDMENT PLACEMENT:	N/A	TONS		SF
OFFSITE TRANSPORT/DISPOSAL:	99.49	TONS	7	TRUCKS

## QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

Turbidity Readings at the Outlet culvert AM/PM: 28.8/28.5

Collected (3) sheen samples (COVE-006 to -008) in the Open Water Area along the containment boom.

No sheen observed downstream of work area. No exceedances on dust meters.

## PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

N/A

## OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

## TEST EQUIPMENT CALIBRATIONS:

Horiba Cal: 0.0 NTU SidePak Dust Monitors: Zero Cal.

## SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR David Drost

TITLE CQA Monitor

SIGNATURE David Drost

PAGE 1 OF 1

# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY D. Drost

CQA MONITOR D. Drost

SITE FIELD MANAGER W. Stolle

WORK DAY START TIME 630

WORK DAY STOP TIME 1700

VISITORS \_\_\_\_\_

COVE WATER LEVEL 19.00"

DATE 09/26/2014

WEATHER ☐ Bright Sun ☐ < 32

DAY ☒ Clear ☐ 32 to 50

☐ Sunday ☐ Overcast ☐ 50 to 70

☐ Monday ☐ Rain ☒ 70 to 85

☐ Tuesday ☐ Snow ☐ > 85

☐ Wednesday

WIND ☒ Calm ☐ Dry

☐ Thursday ☐ Moderate ☒ Moderate

☒ Friday ☐ Strong ☐ Humid

☐ Saturday

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: There was a sighting of a snake yesterday, dead, underneath the mat road. It was observed when the road was being moved for the next phase. Emphasis was placed on the need to wear snake chaps.

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

Noticed a considerable amount of water making a reverse flow from the open water portion back into the channel. The was done from the removal of the temporary dam at the end of ICR-13. The entire channel is filled with water now.

## FIELD WORK

## CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (1), Stans (7), CRA (7), EMES (0), WRS (0)

## EQUIPMENT ON SITE:

(2) Excavators, (1) Marsh Buggy, (3) Ranger, (1) Skidsteer, (1) Airboat, (1) Roll-off Truck, (1) Pump, (1) Barge, (1) Sand Blasting pot

## CONSTRUCTION ACTIVITIES:

Stans worked on clearing out the MHA and assisted with placing the mat road to the new staging area, airboat operations  
CRA placed mat roads to new staging area, prepped the area near the diffusion area, and performed air monitoring.  
ARCADIS performed CQA monitoring, sheen observations

## LINEAR FOOTAGE REMOVED:

REMOVAL:	0	CY	0	BACKFILL CY
REACTIVE CAP PLACEMENT:	N/A	TONS		SF
REACTIVE CAP MATERIALS:	N/A	TONS	ORGANOCLAY	TONS
AMENDMENT PLACEMENT:	N/A	TONS		SF
OFFSITE TRANSPORT/DISPOSAL:	110.57	TONS	8	TRUCKS

## QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

Turbidity Readings at the Outlet culvert AM/PM: 33.3/40.1  
No sheen observed downstream of work area.  
No exceedances on dust meters.

## PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

NA

## OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

Received 26 Super-sacs of PMFI staged at the IC

## TEST EQUIPMENT CALIBRATIONS:

SidePak Dust Monitors: Zero Cal.

## SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR David Drost

SIGNATURE David Drost

TITLE CQA Monitor

PAGE 1 OF 1

# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower  
REPORT PREPARED BY D. Drost  
CQA MONITOR D. Drost  
SITE FIELD MANAGER W. Stolle  
WORK DAY START TIME 700  
WORK DAY STOP TIME 1500  
VISITORS \_\_\_\_\_  
COVE WATER LEVEL 18.75"

DATE 9/27/2014 WEATHER ☐ Bright Sun ☐ < 32  
DAY ☒ Clear ☐ 32 to 50  
☐ Sunday ☐ Overcast ☐ 50 to 70  
☐ Monday ☐ Rain ☒ 70 to 85  
☐ Tuesday ☐ Snow ☐ > 85  
☐ Wednesday WIND **HUMIDITY**  
☐ Thursday ☒ Calm ☐ Dry  
☐ Friday ☐ Moderate ☒ Moderate  
☒ Saturday ☐ Strong ☐ Humid

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Talked about how stresses at home can effect your focus at work. We had a situation on another project where an employee had a recent death in the family and was concerned it may transfer some negative focus at work.

### HAZARDS IDENTIFIED / MITIGATION TAKEN:

Used a retractable knife to cut some liner out of a roll-off in preparation for off site hauling.

## FIELD WORK

### CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (1), Stans (6), CRA (6), EMES (0), WRS (0)

### EQUIPMENT ON SITE:

(2) Excavators, (1) Marsh Buggy, (3) Ranger, (1) Skidsteer, (1) Airboat, (1) Roll-off Truck, (1) Pump, (1) Barge, (1) Sand Blasting pot

### CONSTRUCTION ACTIVITIES:

Stans took roll-offs back to the owner, prep new staging area, airboat operations

CRA placed mat roads to new staging area, prepped the area near the diffusion area

ARCADIS performed CQA monitoring, sheen observations

### LINEAR FOOTAGE REMOVED:

REMOVAL:	<u>0</u>	CY	<u>0</u>	BACKFILL CY
REACTIVE CAP PLACEMENT:	<u>N/A</u>	TONS	<u>0</u>	SF
REACTIVE CAP MATERIALS:	<u>N/A</u>	TONS	<u>ORGANOCLAY</u>	TONS
AMENDMENT PLACEMENT:	<u>N/A</u>	TONS	<u>0</u>	SF
OFFSITE TRANSPORT/DISPOSAL:	<u>42</u>	TONS	<u>3</u>	TRUCKS

### QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

Turbidity Readings at the Outlet culvert AM/PM: 47.0/38.9

No sheen observed downstream of work area.

### PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

### OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

### TEST EQUIPMENT CALIBRATIONS:

### SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR David Drost

TITLE CQA Monitor

SIGNATURE David Drost

PAGE 1 OF 1

# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY D. Drost

CQA MONITOR D. Drost

SITE FIELD MANAGER W. Stolle

WORK DAY START TIME 630

WORK DAY STOP TIME 1700

VISITORS \_\_\_\_\_

COVE WATER LEVEL 18.50"

DATE 9/29/2014

WEATHER ☐ Bright Sun ☐ < 32

DAY ☒ Clear ☐ 32 to 50

☐ Sunday ☐ Overcast ☐ 50 to 70

☒ Monday ☐ Rain ☒ 70 to 85

☐ Tuesday ☐ Snow ☐ > 85

☐ Wednesday

WIND ☒ Calm ☐ Dry

☐ Thursday ☐ Moderate ☒ Moderate

☐ Friday ☐ Strong ☐ Humid

☐ Saturday

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Talked about how stresses at home can effect your focus at work. We had a situation on another project where an employee had a recent death in the family and was concerned it may transfer some negative focus at work.

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

Used a retractable knife to cut some liner out of a roll-off in preparation for off site hauling.

## FIELD WORK

### CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (1), Stans (6), CRA (6), EMES (0), WRS (0)

### EQUIPMENT ON SITE:

(2) Excavators, (1) Marsh Buggy, (3) Ranger, (1) Skidsteer, (1) Airboat, (1) Roll-off Truck, (1) Pump, (1) Barge, (1) Sand Blasting pot

### CONSTRUCTION ACTIVITIES:

Stans took roll-offs back to the owner, prep new staging area, airboat operations

CRA placed mat roads to new staging area, prepped the area near the diffusion area, and performed air monitoring.

ARCADIS performed CQA monitoring, sheen observations

### LINEAR FOOTAGE REMOVED:

REMOVAL:	0	CY	0	BACKFILL CY
REACTIVE CAP PLACEMENT:	N/A	TONS		SF
REACTIVE CAP MATERIALS:	N/A	TONS	ORGANOCLAY	TONS
AMENDMENT PLACEMENT:	N/A	TONS		SF
OFFSITE TRANSPORT/DISPOSAL:		TONS		TRUCKS

### QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

Turbidity Readings at the Outlet culvert AM/PM: 32.4/34.1

Collected sheen sample SHN-COVE-009(NB) 092914

No exceedances on dust meters.

### PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

NA

### OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

Hopper for sand blasting arrived

### TEST EQUIPMENT CALIBRATIONS:

SidePak Dust Monitors: Zero Cal.

### SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR David Drost

TITLE CQA Monitor

SIGNATURE David Drost

PAGE 1 OF 1

# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY D. Drost

CQA MONITOR D. Drost

SITE FIELD MANAGER W. Stolle

WORK DAY START TIME 630

WORK DAY STOP TIME 1700

VISITORS EMES management

COVE WATER LEVEL 18.50"

DATE 9/30/2014

WEATHER ☐ Bright Sun ☐ < 32

DAY ☒ Clear ☐ 32 to 50

☐ Sunday ☐ Overcast ☐ 50 to 70

☐ Monday ☐ Rain ☒ 70 to 85

☒ Tuesday ☐ Snow ☐ > 85

☐ Wednesday

WIND ☒ Calm ☐ Dry

☐ Thursday ☐ Moderate ☒ Moderate

☐ Friday ☐ Strong ☐ Humid

☐ Saturday

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Discussed monitoring visitors and make sure they are in compliance with out safety regulations. Using communication for work reasons only.

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

Observed low lying dead branch at the boat launch area, removed it before it became a possible head injury

## FIELD WORK

### CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (2), Stans (7), CRA (10), EMES (3)

### EQUIPMENT ON SITE:

(2) Excavators, (1) Marsh Buggy, (3) Ranger, (1) Skidsteer, (1) Airboat, (1) Roll-off Truck, (1) Pump, (1) Barge, (1) Sand Blasting pot

### CONSTRUCTION ACTIVITIES:

Stans removed stumps from the open water area in the cove,

CRA placed mat roads to new staging area, prepped the area near the diffusion area, and performed air monitoring.

ARCADIS performed CQA monitoring, sheen observations

### LINEAR FOOTAGE REMOVED:

REMOVAL:	0	CY	0	BACKFILL CY
REACTIVE CAP PLACEMENT:	N/A	TONS		SF
REACTIVE CAP MATERIALS:	N/A	TONS	ORGANOCLAY	TONS
AMENDMENT PLACEMENT:	N/A	TONS		SF
OFFSITE TRANSPORT/DISPOSAL:		TONS		TRUCKS

### QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

Turbidity Readings at the Outlet culvert AM/PM: 33.3/29.4

No sheen observed downstream of work area.

No exceedances on dust meters.

### PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

Tested the sand-blasting application for the amendment in the heavy veg. Application process did not seem to be adequate. Produced visible dust and did not cover according to specifications. Will discuss with Engineer and PM for alternate process.

### OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

### TEST EQUIPMENT CALIBRATIONS:

SidePak Dust Monitors: Zero Cal.

### SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR David Drost

TITLE CQA Monitor

SIGNATURE David Drost

PAGE 1 OF 1



# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY S. Patil

CQA MONITOR S. Patil

SITE FIELD MANAGER W. Stolle

WORK DAY START TIME 800

WORK DAY STOP TIME 1600

VISITORS \_\_\_\_\_

COVE WATER LEVEL 18.25"

DATE 10/01/2014

WEATHER ☐ Bright Sun ☐ < 32  
☐ Clear ☐ 32 to 50  
☐ Overcast ☐ 50 to 70  
☐ Rain ☐ 70 to 85  
☐ Snow ☒ > 85

DAY ☐ Sunday ☐ Monday ☐ Tuesday ☒ Wednesday ☐ Thursday ☐ Friday ☐ Saturday

WIND ☐ Calm ☒ Moderate ☐ Strong

HUMIDITY ☐ Dry ☒ Moderate ☐ Humid

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Discussed stop work authority and dust management during ground disturbance activities.

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

The amendment application method using the portable pneumatic system unit was not effective and therefore, an alternate method using amphibious long reach excavator was identified.

## FIELD WORK

### CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (3), Stans (7), CRA (10), EMES (1), WRS (0), Wilco (1)

### EQUIPMENT ON SITE:

(2) Excavators, (1) Marsh Buggy, (3) Ranger, (1) Skidsteer, (1) Airboat, (1) Roll-off Truck, (1) Pump, (1) Barge, (1) Sand Blasting pot

### CONSTRUCTION ACTIVITIES:

Stans replaced booms in the cove, removed stumps from the Open Water Area (between 2 booms), and provided airboat transportation. CRA visited Heavily Vegetated Area with Wilco, and conducted material transporting and air monitoring. ARCADIS performed sheen and turbidity monitoring, and CQA monitoring.

### LINEAR FOOTAGE REMOVED:

REMOVAL:	0	CY	0	BACKFILL CY
REACTIVE CAP PLACEMENT:	N/A	TONS	ORGANOCLAY	SF
REACTIVE CAP MATERIALS:	N/A	TONS		TONS
AMENDMENT PLACEMENT:	N/A	TONS		SF
OFFSITE TRANSPORT/DISPOSAL:		TONS		TRUCKS

### QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

Turbidity Readings at the Outlet culvert AM/PM: 50.7, 130.0 NTU (afternoon turbidity reading high due to disturbance while placing unit)  
Trace metallic brittle patches near red roof house.  
No exceedances on dust meters.

### PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

NA

### OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

### TEST EQUIPMENT CALIBRATIONS:

SidePak Dust Monitors: Zero Cal.

### SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR Sonal Patil

TITLE CQA Monitor

SIGNATURE 

PAGE 1 OF 1

# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY S. Patil

CQA MONITOR S. Patil

SITE FIELD MANAGER W. Stolle

WORK DAY START TIME 800

WORK DAY STOP TIME 1600

VISITORS \_\_\_\_\_

COVE WATER LEVEL 18.15"

DATE 10/02/2014

WEATHER ☐ Bright Sun ☐ < 32

DAY ☐ Clear ☐ 32 to 50

☐ Sunday ☒ Overcast ☐ 50 to 70

☐ Monday ☐ Rain ☐ 70 to 85

☐ Tuesday ☐ Snow ☒ > 85

☐ Wednesday

WIND ☒ Thursday ☐ Calm ☐ Humidity

☐ Friday ☒ Moderate ☒ Moderate

☐ Saturday ☐ Strong ☐ Humid

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Discussed JSA for amphibious excavator and SPSAs from 10/1/2014.

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

The crane operator was talking on the phone while operating the crane. Stop work was initiated and crane operator was informed to not talk on the phone while operating the crane.

## FIELD WORK

### CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (2), Stans (7), CRA (10), EMES (0), WRS (0), Wilco (4), Joyce Crane (2)

### EQUIPMENT ON SITE:

(2) Excavators, (1) Marsh Buggy, (3) Ranger, (1) Skidsteer, (1) Airboat, (1) Roll-off Truck, (1) Pump, (1) Barge, (1) Sand Blasting pot  
Amphibious Excavator (1), Crane (1)

### CONSTRUCTION ACTIVITIES:

Stans replaced booms in the cove, removed stumps from the Open Water Area (between 2 booms), and provided airboat transportation.  
CRA removed standing water with a film from the end of ICR-10 and conducted material transporting.  
ARCADIS performed sheen and turbidity monitoring, and CQA monitoring.  
Wilco and Joyce Crane assembled the amphibious excavator.

REMOVAL:	N/A	CY	N/A	BACKFILL CY
REACTIVE CAP PLACEMENT:	N/A	TONS		SF
REACTIVE CAP MATERIALS:	N/A	TONS	ORGANOCLAY	TONS
AMENDMENT PLACEMENT:	N/A	TONS		SF
OFFSITE TRANSPORT/DISPOSAL:		TONS		TRUCKS

### QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

Turbidity Readings at the Outlet culvert AM/PM: 41.1, 54.8 NTU  
One metallic brittle patch (1-inch diameter) near red roof house.

### PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

A patch of standing water with a thin film was observed on the north side of the Section ICR-10, at the end of the section. This area was scrapped off for 3 inches.

### OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

### TEST EQUIPMENT CALIBRATIONS:

Horiba Cal: 0.0 NTU

### SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR Sonal Patil

SIGNATURE 

TITLE CQA Monitor

PAGE 1 OF 1

# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY S. Patil

CQA MONITOR S. Patil

SITE FIELD MANAGER W. Stolle

WORK DAY START TIME 800

WORK DAY STOP TIME 1630

VISITORS \_\_\_\_\_

COVE WATER LEVEL 18.9"

DATE 10/03/2014

WEATHER ☒ Bright Sun ☐ < 32

DAY ☐ Clear ☐ 32 to 50

☐ Sunday ☐ Overcast ☐ 50 to 70

☐ Monday ☐ Rain ☒ 70 to 85

☐ Tuesday ☐ Snow ☐ > 85

☐ Wednesday WIND **HUMIDITY**

☐ Thursday ☐ Calm ☐ Dry

☒ Friday ☒ Moderate ☒ Moderate

☐ Saturday ☐ Strong ☐ Humid

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Discussed stop work authority from yesterday and SPSA for slip hazard while walking on the muddy mat road. Keeping attention to trees damaged during last nights thunderstorm for falling hazard.

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

Washing of marsh buggy at the start of Open Water Area was stopped to avoid disturbance in the area.

## FIELD WORK

### CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (2), Stans (6), CRA (6), EMES (0), WRS (0), Wilco (4), Joyce Crane (2)

### EQUIPMENT ON SITE:

(2) Excavators, (1) Marsh Buggy, (3) Ranger, (1) Skidsteer, (1) Airboat, (1) Roll-off Truck, (1) Pump, (1) Barge, (1) Sand Blasting pot Amphibious Excavator (1), Crane (1)

### CONSTRUCTION ACTIVITIES:

Stans replaced booms in the cove, loaded stumps removed from the Open Water Area, and provided airboat transportation.

CRA cleaned excavator and marsh buggy and conducted material transporting.

ARCADIS performed sheen and turbidity monitoring, and CQA monitoring.

Wilco and Joyce Crane assembled the amphibious excavator. Wilco conducted test runs for amendment and capping material placement.

REMOVAL:	N/A	CY	N/A	BACKFILL CY
REACTIVE CAP PLACEMENT:	N/A	TONS		SF
REACTIVE CAP MATERIALS:	N/A	TONS	ORGANOCLAY	TONS
AMENDMENT PLACEMENT:	N/A	TONS		SF
OFFSITE TRANSPORT/DISPOSAL:		TONS	4	TRUCKS

### QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

Turbidity Readings at the Outlet culvert AM/PM: 42.4, 44.1 NTU

Brittle sheen observed at two locations.

### PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

NA

### OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

### TEST EQUIPMENT CALIBRATIONS:

### SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR Sonal Patil

TITLE CQA Monitor

SIGNATURE 

PAGE 1 OF 1

# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY D. Drost

CQA MONITOR D. Drost

SITE FIELD MANAGER W. Stolle

WORK DAY START TIME 630

WORK DAY STOP TIME 1700

VISITORS \_\_\_\_\_

COVE WATER LEVEL 18.50"

DATE 10/6/2014

WEATHER ☐ Bright Sun ☐ < 32

DAY ☒ Clear ☐ 32 to 50

☐ Sunday ☐ Overcast ☐ 50 to 70

☒ Monday ☐ Rain ☒ 70 to 85

☐ Tuesday ☐ Snow ☐ > 85

☐ Wednesday WIND HUMIDITY

☐ Thursday ☒ Calm ☐ Dry

☐ Friday ☐ Moderate ☒ Moderate

☐ Saturday ☐ Strong ☐ Humid

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Discussed driving in the rain and leaving plenty of distance between vehicles and when walking around site be very careful when walking on the composite mat roads, they tend to be very slick.

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

When asked about how much water an employee had been drinking throughout the day, he responded by saying that he had not drank any so he was immediately given water to hydrate.

## FIELD WORK

### CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (1), Stans (3), CRA (4), EMES (0), Wilco (4)

### EQUIPMENT ON SITE:

(2) Excavators, (2) Marsh Buggy, (2) Ranger, (1) Skidsteer, (2) Airboat, (1) Roll-off Truck, (1) Barge, (1) Sand Blasting pot  
(1) Deck Buggy,

### CONSTRUCTION ACTIVITIES:

Stans performed boom maintenance, Wilco prepped deck buggy with box  
CRA prepped staging area at boat launch, prepped for amendment placement  
ARCADIS performed CQA monitoring, sheen observations

### LINEAR FOOTAGE REMOVED:

REMOVAL:	0	CY	0	BACKFILL CY
REACTIVE CAP PLACEMENT:	N/A	TONS	ORGANOCLAY	SF
REACTIVE CAP MATERIALS:	N/A	TONS		TONS
AMENDMENT PLACEMENT:	N/A	TONS		SF
OFFSITE TRANSPORT/DISPOSAL:	0	TONS	0	TRUCKS

### QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

Turbidity Readings at the Outlet culvert AM/PM: 29.5/28.3  
No sheen observed downstream of work area.

### PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

NA

### OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

Mixing box for reactive cap received Sunday (10-5-14)

### TEST EQUIPMENT CALIBRATIONS:

### SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR David Drost

TITLE CQA Monitor

SIGNATURE David Drost

PAGE 1 OF 1

# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY D. Drost

CQA MONITOR D. Drost

SITE FIELD MANAGER W. Stolle

WORK DAY START TIME 630

WORK DAY STOP TIME 1700

VISITORS \_\_\_\_\_

COVE WATER LEVEL 18.75"

DATE 10/7/2014

WEATHER ☐ Bright Sun ☐ < 32  
☒ Clear ☐ 32 to 50  
☐ Overcast ☐ 50 to 70  
☐ Rain ☒ 70 to 85  
☒ Snow ☐ > 85

WIND HUMIDITY

☒ Calm ☐ Dry  
☐ Moderate ☒ Moderate  
☐ Strong ☐ Humid

DAY

☐ Sunday  
☐ Monday  
☒ Tuesday  
☐ Wednesday  
☐ Thursday  
☐ Friday  
☐ Saturday

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: With new employees on site we discussed the importance on mentoring and observing any unsafe acts and the importance of performing good SPSA's.

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

Employee noticed a crew member not wearing a PFD on a deck buggy, immediately stopped work and gave the employee a PFD. He claimed he thought he did not need one because he technically was not on a boat.

## FIELD WORK

## CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (1), Stans (3), CRA (7), EMES (0), Wilco (4)

## EQUIPMENT ON SITE:

(2) Excavators, (2) Marsh Buggy, (2) Ranger, (1) Skidsteer, (2) Airboat, (1) Roll-off Truck, (1) Barge, (1) Deck Buggy

## CONSTRUCTION ACTIVITIES:

Stans airboat operations and assisted with amendment placement

CRA assisted with amendment placement, surveying

ARCADIS performed CQA monitoring, sheen observations

Wilco operated equipment for amendment placement

## LINEAR FOOTAGE REMOVED:

REMOVAL:	0	CY	0	BACKFILL CY
REACTIVE CAP PLACEMENT:	N/A	TONS		SF
REACTIVE CAP MATERIALS:	N/A	TONS	ORGANOCLAY	TONS
AMENDMENT PLACEMENT:	7.5	TONS	13,506	SF
OFFSITE TRANSPORT/DISPOSAL:	0	TONS	0	TRUCKS

## QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

Turbidity Readings at the Outlet culvert AM/PM: 29.0/28.3

No sheen observed downstream of work area.

## PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

NA

## OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

## TEST EQUIPMENT CALIBRATIONS:

## SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR David Drost

TITLE CQA Monitor

SIGNATURE David Drost

PAGE 1 OF 1

# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY D. Drost

CQA MONITOR D. Drost

SITE FIELD MANAGER W. Stolle

WORK DAY START TIME 630

WORK DAY STOP TIME 1700

VISITORS \_\_\_\_\_

COVE WATER LEVEL 19.00"

DATE 10/8/2014

WEATHER ☐ Bright Sun ☐ < 32  
☐ Clear ☐ 32 to 50  
☐ Overcast ☐ 50 to 70  
☒ Rain ☒ 70 to 85  
☐ Snow ☐ > 85

DAY ☐ Sunday ☒ Wednesday ☐ Thursday ☐ Friday ☐ Saturday

WIND ☐ Calm ☒ Moderate ☐ Strong

HUMIDITY ☐ Dry ☐ Moderate ☒ Humid

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Discussed a stop work from yesterday where it was determined that safety chains were needed on the deck buggy to prevent personnel from walking in the line of the bucket, discussed communication with deck buggy and personnel

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

SPSA was performed during deck buggy box being loaded ground crew noticed a dead limb in the work zone and determined it could be removed using the SkyTrack safely. Limb was removed and work proceeded.

## FIELD WORK

## CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (1), Stans (5), CRA (6), EMES (0), Wilco (5)

## EQUIPMENT ON SITE:

(2) Excavators, (2) Marsh Buggy, (2) Ranger, (1) Skidsteer, (2) Airboat, (1) Roll-off Truck, (1) Barge, (1) Deck Buggy

## CONSTRUCTION ACTIVITIES:

Stans airboat operations and assisted with amendment placement

CRA assisted with amendment placement, surveying

ARCADIS performed CQA monitoring, sheen observations

Wilco operated equipment for amendment placement

GRIDS COMPLETED: 7, 8, 9, 10, 11, 6

REMOVAL:	0	CY	0	BACKFILL CY
REACTIVE CAP PLACEMENT:	N/A	TONS		SF
REACTIVE CAP MATERIALS:	N/A	TONS	ORGANOCLAY	TONS
AMENDMENT PLACEMENT:	13.5	TONS	27,000	SF
OFFSITE TRANSPORT/DISPOSAL:	0	TONS	0	TRUCKS

## QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

Turbidity Readings at the Outlet culvert AM/PM: 30.0/27.6

No sheen observed downstream of work area.

## PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

Used 2 additional SuperSacs as a "base" for the deck buggy box. It will be used on the last grid upon completion.

## OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

## TEST EQUIPMENT CALIBRATIONS:

## SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR David Drost

TITLE CQA Monitor

SIGNATURE David Drost

PAGE 1 OF 1

# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY D. Drost

CQA MONITOR D. Drost

SITE FIELD MANAGER W. Stolle

WORK DAY START TIME 630

WORK DAY STOP TIME 1700

VISITORS \_\_\_\_\_

COVE WATER LEVEL 18.75"

DATE 10/9/2014 WEATHER ☒ Bright Sun ☐ < 32

DAY ☒ Clear ☐ 32 to 50

☐ Sunday ☐ Overcast ☐ 50 to 70

☐ Monday ☐ Rain ☐ 70 to 85

☐ Tuesday ☐ Snow ☒ > 85

☐ Wednesday WIND HUMIDITY

☒ Thursday ☐ Calm ☐ Dry

☐ Friday ☒ Moderate ☒ Moderate

☐ Saturday ☐ Strong ☐ Humid

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Discussed a stop work from yesterday where it was determined that safety chains were needed on the deck buggy to prevent personnel from walking in the line of the bucket, discussed communication with deck buggy and personnel

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

SPSA was performed during deck buggy box being loaded ground crew noticed a dead limb in the work zone and determined it could be removed using the SkyTrack safely. Limb was removed and work proceeded.

## FIELD WORK

## CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (1), Stans (5), CRA (6), EMES (0), Wilco (5)

## EQUIPMENT ON SITE:

(2) Excavators, (2) Marsh Buggy, (2) Ranger, (1) Skidsteer, (2) Airboat, (1) Roll-off Truck, (1) Deck Buggy, (1) Mixing Box

## CONSTRUCTION ACTIVITIES:

Stans airboat operations and assisted with amendment placement

CRA assisted with amendment placement, surveying

ARCADIS performed CQA monitoring, sheen observations

Wilco operated equipment for amendment placement

GRIDS COMPLETED: 15, 16, 17, 18, 12, 13

REMOVAL:	0	CY	0	BACKFILL CY
REACTIVE CAP PLACEMENT:	N/A	TONS		SF
REACTIVE CAP MATERIALS:	N/A	TONS	ORGANOCLAY	TONS
AMENDMENT PLACEMENT:	15	TONS	30,000	SF
OFFSITE TRANSPORT/DISPOSAL:	0	TONS	0	TRUCKS

## QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

Turbidity Readings at the Outlet culvert AM/PM: 36.2/35.8

No sheen observed downstream of work area.

## PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

NA

## OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

## TEST EQUIPMENT CALIBRATIONS:

## SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR David Drost

TITLE CQA Monitor

SIGNATURE David Drost

PAGE 1 OF 1

# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY D. Drost

CQA MONITOR D. Drost

SITE FIELD MANAGER W. Stolle

WORK DAY START TIME 630

WORK DAY STOP TIME 1300

VISITORS \_\_\_\_\_

COVE WATER LEVEL 19.0"

DATE 10/10/2014 WEATHER ☒ Bright Sun TEMPERATURE ☐ < 32

DAY ☒ Clear ☐ 32 to 50

☐ Sunday ☐ Overcast ☐ 50 to 70

☐ Monday ☐ Rain ☐ 70 to 85

☐ Tuesday ☐ Snow ☒ > 85

☐ Wednesday WIND HUMIDITY

☐ Thursday ☐ Calm ☐ Dry

☒ Friday ☒ Moderate ☒ Moderate

☐ Saturday ☐ Strong ☐ Humid

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Discussed using the Hazard recognition cards as a way to communicate safety concerns and relay the information back to the team.

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

When dismounting the deck buggy a deckhand attempted to use the tracks as a ladder, upon further review realized that may not be a good idea, so he had the operator pull up so the ladder would be usable.

## FIELD WORK

## CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (1), Stans (6), CRA (3), EMES (0), Wilco (5)

## EQUIPMENT ON SITE:

(2) Excavators, (1) Marsh Buggy, (2) Ranger, (1) Skidsteer, (2) Airboat, (1) Roll-off Truck, (1) Deck Buggy, (1) Mixing Box

## CONSTRUCTION ACTIVITIES:

Stans airboat operations and assisted with amendment placement

CRA assisted with amendment placement, surveying

ARCADIS performed CQA monitoring, sheen observations

Wilco operated equipment for amendment placement

## GRIDS COMPLETED: 14, 5

REMOVAL:	0	CY	0	BACKFILL CY
REACTIVE CAP PLACEMENT:	N/A	TONS		SF
REACTIVE CAP MATERIALS:	N/A	TONS	ORGANOCLAY	TONS
AMENDMENT PLACEMENT:	5.25	TONS	10,350	SF
OFFSITE TRANSPORT/DISPOSAL:	0	TONS	0	TRUCKS

## QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

Turbidity Readings at the Outlet culvert AM/PM: 28.3/34.7

No sheen observed downstream of work area.

## PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

Did not receive enough sacks to complete the required amount of amendment placement. Will have to continue next week

## OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

## TEST EQUIPMENT CALIBRATIONS:

Horiba Cal: 0.0 NTU

## SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR David Drost

TITLE CQA Monitor

SIGNATURE David Drost

PAGE 1 OF 1



# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY S. Patil

CQA MONITOR S. Patil

SITE FIELD MANAGER W. Stolle

WORK DAY START TIME 630

WORK DAY STOP TIME 1700

VISITORS \_\_\_\_\_

COVE WATER LEVEL 26.50"

DATE 10/14/2014

WEATHER ☐ Bright Sun ☐ < 32  
☐ Clear ☐ 32 to 50  
☐ Overcast ☒ 50 to 70  
☐ Rain ☐ 70 to 85  
☒ Snow ☐ > 85

DAY ☐ Sunday ☐ Monday ☒ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday

WIND ☐ Calm ☐ Moderate ☒ Strong

HUMIDITY ☐ Dry ☒ Moderate ☐ Humid

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Discussed carefully walking and no driving on the damaged temporary Inlet Channel crossing.

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

Temporary Inlet Channel crossing was observed to be damaged due to vehicular traffic and storm event. The crossing was repaired by placing additional plywood and gravel.

## FIELD WORK

### CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (1), Stans (7), CRA (7), EMES (0), Wilco (5), Sitech (1), Kooyers (1)

### EQUIPMENT ON SITE:

(2) Excavators, (2) Marsh Buggy, (2) Ranger, (1) Skidsteer, (2) Airboat, (1) Roll-off Truck, (1) Deck Buggy, (1) Mixing Box

### CONSTRUCTION ACTIVITIES:

Stans performed boom maintenance and provided airboat transportation. Wilco and Sitech installed GPS unit on marsh buggy.

CRA prepped staging area at boat launch (built another concrete containment for the sand), prepped the chipper area for mixing unit, and repaired the Inlet Channel crossing.

ARCADIS performed CQA monitoring, sheen observations

REMOVAL:	0	CY	0	BACKFILL CY
REACTIVE CAP PLACEMENT:	N/A	TONS		SF
REACTIVE CAP MATERIALS:	N/A	TONS	ORGANOCLAY	TONS
AMENDMENT PLACEMENT:	N/A	TONS		SF
OFFSITE TRANSPORT/DISPOSAL:	3.57	TONS	1	TRUCKS

### QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

Turbidity Readings at the Outlet culvert AM/PM: 62.2/74.1

No sheen observed downstream of work area.

### PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

NA

### OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

18 SuperSacs of PMFI were delivered to the site.

### TEST EQUIPMENT CALIBRATIONS:

### SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR Sonal Patil

TITLE CQA Monitor

SIGNATURE 

PAGE 1 OF 1

# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY S. Patil

CQA MONITOR S. Patil

SITE FIELD MANAGER W. Stolle

WORK DAY START TIME 630

WORK DAY STOP TIME 1710

VISITORS \_\_\_\_\_

COVE WATER LEVEL 24.30"

DATE 10/15/2014

WEATHER ☒ Bright Sun ☐ < 32

DAY ☐ Sunday ☐ Clear ☐ 32 to 50

☐ Monday ☐ Overcast ☒ 50 to 70

☐ Tuesday ☐ Rain ☐ 70 to 85

☒ Wednesday ☐ Snow ☐ > 85

WIND ☐ Calm ☒ Moderate ☐ Humid

☐ Thursday ☐ Strong

☐ Friday

☐ Saturday

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Discussed wearing dusk masks during manual placement of amendment and importance of spotter at the chipping area to control vehicle traffic.

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

Crew was working in close proximity of excavator and therefore, operator and crew members were told to keep continuous radio and eye contact with the excavator operator.

## FIELD WORK

### CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (1), Stans (7), CRA (7), EMES (0), Wilco (5), Sitech (2), Kooyers (1)

### EQUIPMENT ON SITE:

(2) Excavators, (2) Marsh Buggy, (2) Ranger, (1) Skidsteer, (2) Airboat, (1) Roll-off Truck, (1) Deck Buggy, (1) Mixing Box

### CONSTRUCTION ACTIVITIES:

Stans performed boom maintenance, off-site transportation, and decontaminated marsh buggy.

Wilco and Sitech completed installation of GPS unit on marsh buggy.

CRA prepped the chipper area for mixing unit and placed concrete blocks for sand containment. Kooyers set up mixing unit, performed 12 density tests and conducted test runs for mixing unit. Wilco conducted test runs for capping.

ARCADIS performed CQA monitoring, sheen observations

REMOVAL:	0	CY	0	BACKFILL CY
REACTIVE CAP PLACEMENT:	N/A	TONS		SF
REACTIVE CAP MATERIALS:	N/A	TONS	ORGANOCLAY	TONS
AMENDMENT PLACEMENT:	N/A	TONS		SF
OFFSITE TRANSPORT/DISPOSAL:	1.2	TONS	1 (booms)	TRUCKS

### QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

Turbidity Readings at the Outlet culvert AM/PM: 61.2/54.1

No sheen observed downstream of work area.

### PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

NA

### OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

34.12 tons of sand and 15 concrete blocks were delivered to the site.

### TEST EQUIPMENT CALIBRATIONS:

### SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR Sonal Patil

TITLE CQA Monitor

SIGNATURE 

PAGE 1 OF 1

# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY S. Patil

CQA MONITOR S. Patil

SITE FIELD MANAGER W. Stolle

WORK DAY START TIME 630

WORK DAY STOP TIME 1720

VISITORS \_\_\_\_\_

COVE WATER LEVEL 23.90"

DATE 10/16/2014

WEATHER ☐ Bright Sun ☐ < 32

DAY ☒ Clear ☐ 32 to 50

☐ Sunday ☐ Overcast ☒ 50 to 70

☐ Monday ☐ Rain ☐ 70 to 85

☐ Tuesday ☐ Snow ☐ > 85

☐ Wednesday

WIND ☒ Calm ☐ Dry

☐ Thursday ☐ Moderate ☒ Moderate

☐ Friday ☐ Strong ☐ Humid

☐ Saturday

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Discussed stop work authority, checking PPEs of visitors, and reviewing permits if you start a new task.

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

Skidsteer and ATV were in close proximity. Both operators stopped far from each other, communicated on radio, and then allowed ATV to pass first.

## FIELD WORK

### CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (1), Stans (7), CRA (7), EMES (1), Wilco (5), Kooyers (1)

### EQUIPMENT ON SITE:

(2) Excavators, (2) Marsh Buggy, (2) Ranger, (1) Skidsteer, (2) Airboat, (1) Roll-off Truck, (2) Deck Buggy, (1) Mixing Box

### CONSTRUCTION ACTIVITIES:

Stans performed boom maintenance, off-site transportation, amendment placement near red roof house, and decontaminated marsh buggy.

Kooyers mixed sand/organoclay and conducted density test.

CRA staked capping grids in the northern channel and strengthened the Inlet Channel crossing.

Wilco started capping at the 2 areas on the northwest side (near OW-2 and OW-3). OW-3 area was completed. OW-2 was partially done.

ARCADIS performed CQA monitoring, sheen observations

REMOVAL:	0	CY	0	BACKFILL CY
REACTIVE CAPPING (TOTAL):	10	CY	1050	SF
REACTIVE CAP MATERIALS:	7500	LB	ORGANOCLAY	TONS
AMENDMENT PLACEMENT:	0.5	TONS	1078	SF
OFFSITE TRANSPORT/DISPOSAL:		TONS		TRUCKS

### QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

Turbidity Readings at the Outlet culvert AM/PM: 39.1/23.6

Sheen (brittle metallic patches/streamers) observed near red roof house, dissipated quickly.

### PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

NA

### OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

15 cy of sand, 15 cy of gravel, and 1 containment box (for decon water) were delivered to the site.

### TEST EQUIPMENT CALIBRATIONS:

Horiba Cal: 0.0 NTU

### SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR Sonal Patil

TITLE CQA Monitor

SIGNATURE 

PAGE 1 OF 1

# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY S. Patil

CQA MONITOR S. Patil

SITE FIELD MANAGER W. Stolle

WORK DAY START TIME 630

WORK DAY STOP TIME 1630

VISITORS \_\_\_\_\_

COVE WATER LEVEL 23.50"

DATE 10/17/2014

WEATHER ☐ Bright Sun ☐ < 32

DAY ☒ Clear ☐ 32 to 50

☐ Sunday ☐ Overcast ☒ 50 to 70

☐ Monday ☐ Rain ☒ 70 to 85

☐ Tuesday ☐ Snow ☐ > 85

☐ Wednesday WIND HUMIDITY

☐ Thursday ☒ Calm ☐ Dry

☒ Friday ☐ Moderate ☒ Moderate

☐ Saturday ☐ Strong ☐ Humid

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Discussed slip, trip, and fall incidents happened at other ExxonMobil site, housekeeping at the site, and communication with others on the radio.

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

While loading material on the deck buggy, other on-site personnel were asked to move out of swing zone.

## FIELD WORK

### CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (1), Stans (7), CRA (7), EMES (1), Wilco (5), Kooyers (1)

### EQUIPMENT ON SITE:

(2) Excavators, (2) Marsh Buggy, (2) Ranger, (1) Skidsteer, (2) Airboat, (2) Roll-off Truck, (2) Deck Buggy, (1) Mixing Box

### CONSTRUCTION ACTIVITIES:

Stans performed boom maintenance and provided airboat transportation.

Kooyers mixed sand/organoclay and conducted density test.

CRA staked capping grids in the northern channel and loaded deck buggies for amendment and capping material.

Wilco completed amendment placement at Grid 4, and capping at OW-2 and Grid K1.

ARCADIS performed CQA monitoring, sheen observations

### CAPPING GRIDS COMPLETED: K1

REMOVAL:	0	CY	0	BACKFILL CY
REACTIVE CAPPING (TOTAL):	37	CY	3400	SF
REACTIVE CAP MATERIALS:	9000	LB	ORGANOCLAY	TONS
AMENDMENT PLACEMENT:	2.3	TONS	4664	SF
OFFSITE TRANSPORT/DISPOSAL:		TONS		TRUCKS

### QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

Turbidity Readings at the Outlet culvert AM/PM: 36.2/24.6

Sheen observed near red roof house at two locations (brittle metallic/silver gray patches and patches/streamers/cover), removed using absorbent material.

### PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

NA

### OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

93.21 tons of sand was delivered to the site.

### TEST EQUIPMENT CALIBRATIONS:

### SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR Sonal Patil

TITLE CQA Monitor

SIGNATURE 

PAGE 1 OF 1

# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY D. Drost

CQA MONITOR D. Drost

SITE FIELD MANAGER W. Stolle

WORK DAY START TIME 630

WORK DAY STOP TIME 1700

VISITORS \_\_\_\_\_

COVE WATER LEVEL 23.0"

DATE 10/20/2014 WEATHER ☒ Bright Sun TEMPERATURE ☐ < 32

DAY ☒ Clear ☐ 32 to 50

☐ Sunday ☐ Overcast ☐ 50 to 70

☒ Monday ☐ Rain ☒ 70 to 85

☐ Tuesday ☐ Snow ☐ > 85

☐ Wednesday WIND HUMIDITY

☐ Thursday ☐ Calm ☐ Dry

☐ Friday ☒ Moderate ☒ Moderate

☐ Saturday ☐ Strong ☐ Humid

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Talked about the SPSSA's performed Friday as well as to really start utilizing them in preparation for EMES management to be on site and what types of questions to expect

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

When dismounting the deck buggy a deckhand attempted to use the tracks as a ladder, upon further review realized that may not be a good idea, so he had the operator pull up so the ladder would be usable.

## FIELD WORK

## CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (1), Stans (7), CRA (7), EMES (0), Wilco (4)

## EQUIPMENT ON SITE:

(2) Excavators, (1) Marsh Buggy, (2) Ranger, (1) Skidsteer, (2) Airboat, (1) Roll-off Truck, (1) Deck Buggy, (1) Mixing Box

## CONSTRUCTION ACTIVITIES:

Stans airboat operations and assisted with reactive cap placement

CRA assisted with reactive cap placement, surveying

ARCADIS performed CQA monitoring, sheen observations

Wilco operated equipment for reactive cap placement

## GRIDS COMPLETED: K-1, 2, 3, 4, 5

REMOVAL:	0	CY	0	BACKFILL CY
REACTIVE CAP PLACEMENT:	143	CY	11,000	SF
REACTIVE CAP MATERIALS:	29	SACKS	21.75	TONS
AMENDMENT PLACEMENT:		TONS		SF
OFFSITE TRANSPORT/DISPOSAL:	0	TONS	0	TRUCKS

## QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

Turbidity Readings at the Outlet culvert AM/PM: 28.3/29.2

Collected sheen sample SHN-COVE-010(NB)102014 near red roof house (non-brittle silver gray cover).

## PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

NA

## OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

## TEST EQUIPMENT CALIBRATIONS:

## SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR David Drost

TITLE CQA Monitor

SIGNATURE David Drost

PAGE 1 OF 1

# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY D. Drost

CQA MONITOR D. Drost

SITE FIELD MANAGER W. Stolle

WORK DAY START TIME 630

WORK DAY STOP TIME 1700

VISITORS \_\_\_\_\_

COVE WATER LEVEL 20.0"

DATE 10/21/2014

WEATHER ☒ Bright Sun ☐ < 32

DAY ☒ Clear ☐ 32 to 50

☐ Sunday ☐ Overcast ☐ 50 to 70

☐ Monday ☐ Rain ☒ 70 to 85

☒ Tuesday ☐ Snow ☐ > 85

☐ Wednesday

WIND ☐ Calm ☐ Dry

☐ Thursday ☒ Moderate ☒ Moderate

☐ Friday ☐ Strong ☐ Humid

☐ Saturday

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: What to expect when EMES management is on site, they are visitors and need to be watched just anyone coming onto the site not familiar with the work taking place. Also LOTO any tools not fit for use.

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

Crew member noticed a small failure in the soil near the bridge spanning the inlet channel. He immediately called the supervisor who put rock and soil in the small hole for support of the wood bridge.

## FIELD WORK

## CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (1), Stans (7), CRA (8), EMES (0), Wilco (4)

## EQUIPMENT ON SITE:

(2) Excavators, (1) Marsh Buggy, (2) Ranger, (1) Skidsteer, (2) Airboat, (1) Roll-off Truck, (1) Deck Buggy, (1) Mixing Box

## CONSTRUCTION ACTIVITIES:

Stans airboat operations and assisted with reactive cap placement

CRA assisted with reactive cap placement, surveying

ARCADIS performed CQA monitoring, sheen observations

Wilco operated equipment for reactive cap placement

## GRIDS COMPLETED: K-6, 7, 8, 9

REMOVAL:	0	CY	0	BACKFILL CY
REACTIVE CAP PLACEMENT:	156	CY	11,000	SF
REACTIVE CAP MATERIALS:	31	SACKS	23.25	TONS
AMENDMENT PLACEMENT:		TONS		SF
OFFSITE TRANSPORT/DISPOSAL:	0	TONS	0	TRUCKS

## QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

Turbidity Readings at the Outlet culvert AM/PM: 32.3/30.9

No sheen observed downstream of work area.

## PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

NA

## OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

## TEST EQUIPMENT CALIBRATIONS:

## SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR David Drost

TITLE CQA Monitor

SIGNATURE David Drost

PAGE 1 OF 1

# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY D. Drost

CQA MONITOR D. Drost

SITE FIELD MANAGER W. Stolle

WORK DAY START TIME 630

WORK DAY STOP TIME 1700

VISITORS \_\_\_\_\_

COVE WATER LEVEL 22.75"

DATE 10/22/2014 WEATHER ☒ Bright Sun TEMPERATURE ☐ < 32

DAY ☒ Clear ☐ 32 to 50

☐ Sunday ☐ Overcast ☐ 50 to 70

☐ Monday ☐ Rain ☒ 70 to 85

☐ Tuesday ☐ Snow ☐ > 85

☒ Wednesday WIND HUMIDITY

☐ Thursday ☐ Calm ☐ Dry

☐ Friday ☒ Moderate ☒ Moderate

☐ Saturday ☐ Strong ☐ Humid

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: One-call high value learning from another project, where the utility was miss marked and there was an utility strike. On another project there was a case where they were cleared to 8.0 BGS and a utility was struck at 9.0 BGS.

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

When collecting the used PMFI bags near the boat launch area, crew members noted a potential for snakes to be under the bags. So prior to picking them up, they used a stick to move the bag to check

## FIELD WORK

## CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (1), Stans (7), CRA (7), EMES (1), Wilco (4)

## EQUIPMENT ON SITE:

(2) Excavators, (2) Ranger, (1) Skidsteer, (2) Airboat, (1) Roll-off Truck, (2) Deck Buggy, (1) Mixing Box, (1) Marsh excavator

## CONSTRUCTION ACTIVITIES:

Stans airboat operations and assisted with reactive cap placement

CRA assisted with reactive cap placement, surveying

ARCADIS performed CQA monitoring, sheen observations

Wilco operated equipment for reactive cap placement

## GRIDS COMPLETED: A-1 through A-7

REMOVAL:	0	CY	0	BACKFILL CY
REACTIVE CAP PLACEMENT:	145	CY	15,030	SF
REACTIVE CAP MATERIALS:	23	SACKS	17.25	TONS
AMENDMENT PLACEMENT:		TONS		SF
OFFSITE TRANSPORT/DISPOSAL:	0	TONS	0	TRUCKS

## QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

Turbidity Readings at the Outlet culvert AM/PM: 30.7/31.1

No sheen observed downstream of work area.

## PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

Had (1) failing pan @ A-6, due to spillage upon retrieving. Deployed another pan which passed at 3.75"

## OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

## TEST EQUIPMENT CALIBRATIONS:

## SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR David Drost

TITLE CQA Monitor

SIGNATURE David Drost

PAGE 1 OF 1

# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY D. Drost

CQA MONITOR D. Drost

SITE FIELD MANAGER W. Stolle

WORK DAY START TIME 630

WORK DAY STOP TIME 1700

VISITORS \_\_\_\_\_

COVE WATER LEVEL 22.75"

DATE 10/23/2014

WEATHER ☐ Bright Sun ☐ < 32  
☐ Clear ☐ 32 to 50  
☐ Overcast ☒ 50 to 70  
☐ Rain ☐ 70 to 85  
☐ Snow ☐ > 85

WIND HUMIDITY

☒ Calm ☐ Dry  
☒ Moderate ☒ Moderate  
☐ Strong ☐ Humid

DAY

☐ Sunday  
☐ Monday  
☐ Tuesday  
☐ Wednesday  
☒ Thursday  
☐ Friday  
☐ Saturday

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Had a group wide discussions on proper SPSP's and gave a few good examples from the previous day's work. Also talked about the continued use of good communication with the larger equipment and notifying when entering blind spots.

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

Noticed a hazardous area in the mixing area where the transition from gravel to board mat, posed a potential tripping hazard. CRA will address this concern by adding more gravel smoothing out the transition and eliminating the hazard.

## FIELD WORK

## CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (1), Stans (7), CRA (7), EMES (1), Wilco (4)

## EQUIPMENT ON SITE:

(2) Excavators, (2) Ranger, (1) Skidsteer, (2) Airboat, (1) Roll-off Truck, (2) Deck Buggy, (1) Mixing Box, (1) Marsh excavator

## CONSTRUCTION ACTIVITIES:

Stans airboat operations and assisted with reactive cap placement

CRA assisted with reactive cap placement, surveying

ARCADIS performed CQA monitoring, sheen observations - started sheen monitoring in the Heavily Vegetated Area (3 times per week).

Wilco operated equipment for reactive cap placement

GRIDS COMPLETED: B-1 through half of B-6 and C-1 through C-5

REMOVAL:	0	CY	0	BACKFILL CY
REACTIVE CAP PLACEMENT:	195	CY	21,608	SF
REACTIVE CAP MATERIALS:	39	SACKS	29.25	TONS
AMENDMENT PLACEMENT:		TONS		SF
OFFSITE TRANSPORT/DISPOSAL:	0	TONS	0	TRUCKS

## QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

Turbidity Readings at the Outlet culvert AM/PM: 22.5/22.0

No sheen observed downstream of work area and in the Heavily Vegetated Area.

## PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

NA

## OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

## TEST EQUIPMENT CALIBRATIONS:

Horiba Cal: 0.0 NTU

## SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR David Drost

TITLE CQA Monitor

SIGNATURE David Drost

PAGE 1 OF 1



# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY D. Drost

CQA MONITOR D. Drost

SITE FIELD MANAGER W. Stolle

WORK DAY START TIME 630

WORK DAY STOP TIME 1400

VISITORS \_\_\_\_\_

COVE WATER LEVEL 22.50"

DATE 10/24/2014

WEATHER ☒ Bright Sun ☐ < 32

DAY ☒ Clear ☐ 32 to 50

☐ Sunday ☐ Overcast ☐ 50 to 70

☐ Monday ☐ Rain ☒ 70 to 85

☐ Tuesday ☐ Snow ☐ > 85

☐ Wednesday WIND HUMIDITY

☐ Thursday ☐ Calm ☐ Dry

☒ Friday ☒ Moderate ☒ Moderate

☐ Saturday ☐ Strong ☐ Humid

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Discussed hazard recognitions from the week. Findings show a high number of guys not wearing snake chaps and gloves. Had an open discussion regarding how to better improve.

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

A crew member attempted to sit in a chair that had not been used in a week or so. Prior to sitting, she noticed a spider sack on the back of the chair. She used a paper towel to remove the spider sack along with the spider that was inside prior to sitting

## FIELD WORK

## CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (1), Stans (7), CRA (6), EMES (1), Wilco (4)

## EQUIPMENT ON SITE:

(2) Excavators, (2) Ranger, (1) Skidsteer, (2) Airboat, (1) Roll-off Truck, (2) Deck Buggy, (1) Mixing Box, (1) Marsh excavator

## CONSTRUCTION ACTIVITIES:

Stans airboat operations and assisted with reactive cap placement and amendment placement in small oval area to the north

CRA assisted with reactive cap placement, surveying

ARCADIS performed CQA monitoring, sheen observations

Wilco operated equipment for reactive cap placement

GRIDS COMPLETED: F-3 through F-5, D-2 through D-5, E-3 and E-4

REMOVAL:	0	CY	0	BACKFILL CY
REACTIVE CAP PLACEMENT:	125	CY	10,676	SF
REACTIVE CAP MATERIALS:	25	BAGS	18.75	TONS
AMENDMENT PLACEMENT:	1,100 LBS.	TONS	1,100	SF
OFFSITE TRANSPORT/DISPOSAL:	0	TONS	0	TRUCKS

## QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

Turbidity Readings at the Outlet culvert AM/PM: 22.9/25.1

No sheen observed downstream of work area and in the Heavily Vegetated Area.

## PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

NA

## OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

## TEST EQUIPMENT CALIBRATIONS:

## SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR David Drost

TITLE CQA Monitor

SIGNATURE David Drost

PAGE 1 OF 1

# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY D. Drost

CQA MONITOR D. Drost

SITE FIELD MANAGER W. Stolle

WORK DAY START TIME 630

WORK DAY STOP TIME 1700

VISITORS GREF EMES management

COVE WATER LEVEL 22.50"

DATE 10/27/2014 WEATHER ☒ Bright Sun TEMPERATURE ☐ < 32

DAY ☒ Clear ☐ 32 to 50

☐ Sunday ☐ Overcast ☐ 50 to 70

☒ Monday ☐ Rain ☒ 70 to 85

☐ Tuesday ☐ Snow ☐ > 85

☐ Wednesday WIND HUMIDITY

☐ Thursday ☐ Calm ☐ Dry

☐ Friday ☒ Moderate ☒ Moderate

☐ Saturday ☐ Strong ☐ Humid

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Reviewed higher learnings from previous projects and lessons learned. One higher learning shared was in regard to a loss of finger tip from a drill rigger where his finger was pinched and amputated. Also discussed route to hospital.

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

When asked by EMES GREF what his task was and the risks associated with it, a crew member stated that he was operating heavy equipment and striking ground personnel would be the biggest risk. He mitigates that by staying in constant communication

## FIELD WORK

## CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (2), Stans (6), CRA (8), EMES (2), Wilco (4), (1) Kooyers

## EQUIPMENT ON SITE:

(2) Excavators, (2) Ranger, (1) Skidsteer, (2) Airboat, (1) Roll-off Truck, (2) Deck Buggy, (1) Mixing Box, (1) Marsh excavator

## CONSTRUCTION ACTIVITIES:

Stans airboat operations and assisted with reactive cap placement

CRA assisted with reactive cap placement, surveying

ARCADIS performed CQA monitoring, sheen observations

Wilco operated equipment for reactive cap placement, Kooyers operated the mixing box

GRIDS COMPLETED: 20% of E-4, E-5, D-5, 40% of B-6, C-6

REMOVAL:	0	CY	0	BACKFILL CY
REACTIVE CAP PLACEMENT:	86	CY	8,725	SF
REACTIVE CAP MATERIALS:	18	BAGS	13.5	TONS
AMENDMENT PLACEMENT:		TONS		SF
OFFSITE TRANSPORT/DISPOSAL:	0	TONS	0	TRUCKS

## QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

Turbidity Readings at the Outlet culvert AM/PM: 27.6/29.2

No sheen observed downstream of work area. Non-brittle streamers of silver gray sheen observed in the Heavily Vegetated Area, removed using absorbent material.

## PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

NA

## OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

919.5 total tonnage of import concrete sand for reactive cap mixing

## TEST EQUIPMENT CALIBRATIONS:

## SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR David Drost

TITLE CQA Monitor

SIGNATURE David Drost

PAGE 1 OF 1

# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY S. Patil

CQA MONITOR S. Patil/D. Drost

SITE FIELD MANAGER W. Stolle

WORK DAY START TIME 630

WORK DAY STOP TIME 1700

VISITORS \_\_\_\_\_

COVE WATER LEVEL 23.0"

DATE 10/29/2014 WEATHER ☒ Bright Sun TEMPERATURE ☐ < 32

DAY ☒ Clear ☐ 32 to 50

☐ Sunday ☐ Overcast ☒ 50 to 70

☐ Monday ☐ Rain ☐ 70 to 85

☐ Tuesday ☐ Snow ☐ > 85

☒ Wednesday WIND HUMIDITY

☐ Thursday ☐ Calm ☐ Dry

☐ Friday ☒ Moderate ☒ Moderate

☐ Saturday ☐ Strong ☐ Humid

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Discussed planning a task at ahead of starting it and performing SPSAs.

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

While moving the test pan, the deck buggy operator was very close to pan. Marsh buggy operator was asked to wait for moving the pan until the deck buggy operator was away from the pan.

## FIELD WORK

### CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (2), Stans (7), CRA (7), EMES (0), Wilco (4), Kooyers (1)

### EQUIPMENT ON SITE:

(2) Excavators, (2) Ranger, (1) Skidsteer, (2) Airboat, (1) Roll-off Truck, (2) Deck Buggy, (1) Mixing Box, (1) Marsh excavator

### CONSTRUCTION ACTIVITIES:

Stans airboat operations and assisted with reactive cap placement.

CRA assisted with reactive cap placement, surveying.

ARCADIS performed CQA monitoring, sheen observations.

Wilco operated equipment for reactive cap placement, Kooyers operated the mixing box.

GRIDS COMPLETED: B7, C7, D6-D7, E6-E7, F6-F7, G6-G7, H7-H8, and J7-J8

REMOVAL:	0	CY	0	BACKFILL CY
REACTIVE CAP PLACEMENT:	246	CY	24,678	SF
REACTIVE CAP MATERIALS:	64	BAGS	48.02	TONS
AMENDMENT PLACEMENT:	0	TONS	0	SF
OFFSITE TRANSPORT/DISPOSAL:	0	TONS	0	TRUCKS

### QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

Turbidity Readings at the Outlet culvert AM/PM: 42.1/32.8 NTU

No sheen observed downstream of work area and in the Heavily Vegetated Area.

### PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

Test pan at grid F7 indicated average thickness of 2.75". Additional material was placed to meet required thickness.

### OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

205.5 total tonnage of import concrete sand for reactive cap mixing

### TEST EQUIPMENT CALIBRATIONS:

### SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR Sonal Patil

TITLE CQA Monitor

SIGNATURE 

PAGE 1 OF 1

# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY S. Patil

CQA MONITOR S. Patil

SITE FIELD MANAGER W. Stolle

WORK DAY START TIME 630

WORK DAY STOP TIME 1615

VISITORS \_\_\_\_\_

COVE WATER LEVEL \_\_\_\_\_

DATE 10/30/2014

WEATHER ☐ Bright Sun ☐ < 32

DAY ☒ Clear ☐ 32 to 50

☐ Sunday ☒ Overcast ☒ 50 to 70

☐ Monday ☒ Rain ☐ 70 to 85

☐ Tuesday ☐ Snow ☐ > 85

☐ Wednesday WIND HUMIDITY

☒ Thursday ☐ Calm ☐ Dry

☐ Friday ☒ Moderate ☒ Moderate

☐ Saturday ☐ Strong ☐ Humid

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Discussed inspecting a cable used for lifting supersacs each day prior to the start of work activities.

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

Raining started at 1600. Work was stopped at 1615 after lightening. Sheen monitoring, turbidity measurement, and staff gauge measurements were not collected.

## FIELD WORK

### CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (1), Stans (7), CRA (6), EMES (0), Wilco (4), Kooyers (1)

### EQUIPMENT ON SITE:

(2) Excavators, (2) Ranger, (1) Skidsteer, (2) Airboat, (1) Roll-off Truck, (2) Deck Buggy, (1) Mixing Box, (1) Marsh excavator

### CONSTRUCTION ACTIVITIES:

Stans airboat operations, boom maintenance, and assisted with reactive cap placement.

CRA assisted with reactive cap placement, surveying.

ARCADIS performed CQA monitoring.

Wilco operated equipment for reactive cap placement, Kooyers operated the mixing box.

GRIDS COMPLETED: A8 to A10, B8 to B10, C8, D8, E8, F8, G8

REMOVAL:	0	CY	0	BACKFILL CY
REACTIVE CAP PLACEMENT:	287	CY	27,500	SF
REACTIVE CAP MATERIALS:	60	BAGS	45	TONS
AMENDMENT PLACEMENT:	0	TONS	0	SF
OFFSITE TRANSPORT/DISPOSAL:	0	TONS	0	TRUCKS

### QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

Turbidity Readings at the Outlet culvert AM/PM: 29.8/-- NTU

No sheen monitoring due to raining.

### PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

Test pan at grid G7 indicated average thickness of 6.7" since some additional material slipped from the bucket.

### OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

252.27 total tonnage of import concrete sand for reactive cap mixing


### TEST EQUIPMENT CALIBRATIONS:

Horiba Cal: 0.0 NTU

### SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR Sonal Patil

TITLE CQA Monitor

SIGNATURE 

PAGE 1 OF 1

# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY S. Patil

CQA MONITOR S. Patil

SITE FIELD MANAGER W. Stolle

WORK DAY START TIME 630

WORK DAY STOP TIME 1630

VISITORS Mark Murphy

COVE WATER LEVEL 23.2"

DATE 10/31/2014

WEATHER ☐ Bright Sun ☐ < 32

DAY ☒ Clear ☒ 32 to 50

☐ Sunday ☒ Overcast ☒ 50 to 70

☐ Monday ☐ Rain ☐ 70 to 85

☐ Tuesday ☐ Snow ☐ > 85

☐ Wednesday

WIND ☐ Calm ☐ Dry

☐ Thursday ☐ Moderate ☒ Moderate

☒ Friday ☒ Strong ☐ Humid

☐ Saturday

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Discussed performing SPSA and following Site Walk JSA while working near the mixing area due to uneven ground surface and keeping warm in cold weather.

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

A small tree branch was caught on the tracks of deck buggy and was creating a fall hazard while walking on the platform. Operator parked the buggy in the staging area and removed the branch.

## FIELD WORK

## CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (1), Stans (7), CRA (4), EMES (0), Wilco (4), Kooyers (1)

## EQUIPMENT ON SITE:

(2) Excavators, (2) Ranger, (1) Skidsteer, (2) Airboat, (1) Roll-off Truck, (2) Deck Buggy, (1) Mixing Box, (1) Marsh excavator

## CONSTRUCTION ACTIVITIES:

Stans airboat operations and assisted with reactive cap placement.

CRA assisted with reactive cap placement, surveying.

ARCADIS performed CQA monitoring, sheen observations.

Wilco operated equipment for reactive cap placement, Kooyers operated the mixing box.

GRIDS COMPLETED: A11 to A13, B11 to B13, C11, C12, 10% of D11, and 80% of D12

REMOVAL:	0	CY	0	BACKFILL CY
REACTIVE CAP PLACEMENT:	210	CY	19,086	SF
REACTIVE CAP MATERIALS:	52.33	BAGS	39.25	TONS
AMENDMENT PLACEMENT:	0	TONS	0	SF
OFFSITE TRANSPORT/DISPOSAL:	0	TONS	0	TRUCKS

## QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

Turbidity Readings at the Outlet culvert AM/PM: 20.41/37.4 NTU

No sheen observed in the Heavily Vegetated Area and downstream of work area.

## PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

While recovering a test pan from Grids B13 and C12, capping material was spilled. The average thickness from pans for Grids B13 and C12 was approximately 2.0 and 3.1 inches. Since criteria for Grid B13 was not met, second test pan was placed in that grid.

## OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

184.28 total tonnage of import concrete sand for reactive cap mixing and 72 bags of PM-199 Organoclay (1763 lb each).

## TEST EQUIPMENT CALIBRATIONS:

## SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR Sonal Patil

TITLE CQA Monitor

SIGNATURE 

PAGE 1 OF 1

# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY S. Patil

CQA MONITOR S. Patil

SITE FIELD MANAGER W. Stolle

WORK DAY START TIME 700

WORK DAY STOP TIME 1400

VISITORS \_\_\_\_\_

COVE WATER LEVEL 23.7"

DATE 10/31/2014

WEATHER ☐ Bright Sun ☐ < 32

DAY ☒ Clear ☒ 32 to 50

☐ Sunday ☐ Overcast ☐ 50 to 70

☐ Monday ☐ Rain ☐ 70 to 85

☐ Tuesday ☐ Snow ☐ > 85

☐ Wednesday WIND HUMIDITY

☐ Thursday ☐ Calm ☐ Dry

☐ Friday ☐ Moderate ☒ Moderate

☒ Saturday ☒ Strong ☐ Humid

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Discussed stretching before starting the work activities and performing SPSA before second deck buggy operator starts to work on the test pans.

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

One of the plastic road mat slipped out of the place. The roll-off truck operator made sure not to pass on that mat while delivering material to the staging area.

## FIELD WORK

### CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (1), Stans (7), CRA (3), EMES (0), Wilco (4), Kooyers (1)

### EQUIPMENT ON SITE:

(2) Excavators, (2) Ranger, (1) Skidsteer, (2) Airboat, (1) Roll-off Truck, (2) Deck Buggy, (1) Mixing Box, (1) Marsh excavator

### CONSTRUCTION ACTIVITIES:

Stans airboat operations and assisted with reactive cap placement.

CRA assisted with reactive cap placement, surveying.

ARCADIS performed CQA monitoring, sheen observations.

Wilco operated equipment for reactive cap placement, Kooyers operated the mixing box.

GRIDS COMPLETED: 90% of D11, 20% of D12, E11, E12, F11, F12, G12, and H12

REMOVAL:	0	CY	0	BACKFILL CY
REACTIVE CAP PLACEMENT:	148	CY	12,640	SF
REACTIVE CAP MATERIALS:	35.3 (30*1763 lb)	BAGS	26.45	TONS
AMENDMENT PLACEMENT:	0	TONS	0	SF
OFFSITE TRANSPORT/DISPOSAL:	0	TONS	0	TRUCKS

### QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

Turbidity Readings at the Outlet culvert AM/PM: 86.4/63.9 NTU

No sheen observed downstream of work area.

### PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

A test pan from Grid F12 had the average thickness of 2.5". Additional 2 cy of material was placed.

### OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

### TEST EQUIPMENT CALIBRATIONS:

### SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR Sonal Patil

TITLE CQA Monitor

SIGNATURE 

PAGE 1 OF 1

# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY S. Patil

CQA MONITOR S. Patil

SITE FIELD MANAGER W. Stolle

WORK DAY START TIME 630

WORK DAY STOP TIME 1600

VISITORS \_\_\_\_\_

COVE WATER LEVEL 22.2"

DATE 11/03/2014

WEATHER ☐ Bright Sun ☐ < 32

DAY ☒ Clear ☐ 32 to 50

☐ Sunday ☐ Overcast ☒ 50 to 70

☒ Monday ☐ Rain ☐ 70 to 85

☐ Tuesday ☐ Snow ☐ > 85

☐ Wednesday WIND HUMIDITY

☐ Thursday ☒ Calm ☐ Dry

☐ Friday ☐ Moderate ☒ Moderate

☐ Saturday ☐ Strong ☐ Humid

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Discussed SPSA for driving ranger towards new boat launch area and while collecting empty supersacs at the mixing area.

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

Few people were fishing on the east bank just upstream of Cove Outlet. Airboat operator spotted them at a distance and moved boat to the west bank.

## FIELD WORK

### CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (1), Stans (7), CRA (4), EMES (0), Wilco (4), Kooyers (1)

### EQUIPMENT ON SITE:

(2) Excavators, (2) Ranger, (1) Skidsteer, (2) Airboat, (1) Roll-off Truck, (2) Deck Buggy, (1) Mixing Box, (1) Marsh excavator

### CONSTRUCTION ACTIVITIES:

Stans airboat operations and assisted with reactive cap placement.

CRA assisted with reactive cap placement, surveying.

ARCADIS performed CQA monitoring, sheen observations.

Wilco operated equipment for reactive cap placement, Kooyers operated the mixing box.

### GRIDS COMPLETED: C9, C10, D9, D10, E9, E10, F9, and F10

REMOVAL:	0	CY	0	BACKFILL CY
REACTIVE CAP PLACEMENT:	243	CY	20,000	SF
REACTIVE CAP MATERIALS:	57.6 (49*1763 lb)	BAGS	43.2	TONS
AMENDMENT PLACEMENT:	0	TONS	0	SF
OFFSITE TRANSPORT/DISPOSAL:	0	TONS	0	TRUCKS

### QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

Turbidity Readings at the Outlet culvert AM/PM: 38.5/41.5 NTU

No sheen observed downstream of work area. Sheen observed at two locations in the Heavily Vegetated Area - at one location sheen was moving very quickly and a boom was present at the second location.

### PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

While recovering a test pan from Grid E10, material spilled and the average thickness resulted in 1.2". Second pan was placed; which had an average thickness of 3.7".

### OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

240.68 tons of concrete sand was delivered to the site.

### TEST EQUIPMENT CALIBRATIONS:

### SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR Sonal Patil

TITLE CQA Monitor

SIGNATURE 

PAGE 1 OF 1

# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY D. Drost

CQA MONITOR D. Drost

SITE FIELD MANAGER W. Stolle

WORK DAY START TIME 630

WORK DAY STOP TIME 1700

VISITORS \_\_\_\_\_

COVE WATER LEVEL 21.75"

DATE 11/4/2014

WEATHER ☐ Bright Sun ☐ < 32  
☐ Clear ☐ 32 to 50  
☐ Overcast ☒ 50 to 70  
☒ Rain ☐ 70 to 85  
☐ Snow ☐ > 85

DAY ☐ Sunday ☒ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday

WIND ☐ Calm ☒ Moderate ☐ Strong

HUMIDITY ☐ Dry ☒ Moderate ☐ Humid

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Talked about a personal experience with a family friend who passed in an amphibious vehicle. Talked about the importance of wearing a PFD and using the buddy system.

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

When driving to the project site in the morning, a crew member noted the rain and assessed that reducing his speed on the expressway would help prevent an accident. He also increased the space between him and the vehicle in front of him.

## FIELD WORK

## CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (1), Stans (7), CRA (7), EMES (0), Wilco (4), (1) Kooyers

## EQUIPMENT ON SITE:

(2) Excavators, (2) Ranger, (1) Skidsteer, (2) Airboat, (1) Roll-off Truck, (2) Deck Buggy, (1) Mixing Box, (1) Marsh excavator

## CONSTRUCTION ACTIVITIES:

Stans airboat operations and assisted with reactive cap placement

CRA assisted with reactive cap placement, surveying

ARCADIS performed CQA monitoring, sheen observations

Wilco operated equipment for reactive cap placement, Kooyers operated the mixing box

**GRIDS COMPLETED:** G-9, 10, 11; H-9, 10, 11

REMOVAL:	0	CY	0	BACKFILL CY
REACTIVE CAP PLACEMENT:	202	CY	17,488	SF
REACTIVE CAP MATERIALS:	35	BAGS	30.3	TONS
AMENDMENT PLACEMENT:		TONS		SF
OFFSITE TRANSPORT/DISPOSAL:	0	TONS	0	TRUCKS

## QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

Turbidity Readings at the Outlet culvert AM/PM: 39.3/NA

No sheen observed downstream of work area.

## PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

Calculated an overage of 2,378 lbs for total reactive cap gridded area.

Completed 4,761 sf of disturbed area deploying (1) test pan @ 4.25"

## OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

919.5 total tonnage of import concrete sand for reactive cap mixing

## TEST EQUIPMENT CALIBRATIONS:

## SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR David Drost

TITLE CQA Monitor

SIGNATURE David Drost

PAGE 1 OF 1



# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower  
 REPORT PREPARED BY D. Drost  
 CQA MONITOR D. Drost  
 SITE FIELD MANAGER W. Stolle  
 WORK DAY START TIME 630  
 WORK DAY STOP TIME 1700  
 VISITORS \_\_\_\_\_  
 COVE WATER LEVEL 22.00"

DATE 11/5/2014 WEATHER ☐ Bright Sun ☐ < 32  
☐ Clear ☐ 32 to 50  
☐ Sunday ☒ Overcast ☒ 50 to 70  
☐ Monday ☒ Rain ☐ 70 to 85  
☐ Tuesday ☐ Snow ☐ > 85  
☒ Wednesday WIND HUMIDITY  
☐ Thursday ☐ Calm ☐ Dry  
☐ Friday ☒ Moderate ☐ Moderate  
☐ Saturday ☐ Strong ☒ Humid

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Talked about working in the rain and hazards associated with that. Shortening steps, wearing rain gear in order to prevent hypothermia, being careful when walking on the wood board mats in the mixing area.

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

Crew member was descending an excavator and noted the hand rails were very wet and slick. So, prior to descending he took the time to wipe the hand rails down with a rag in order to ensure good grip when using the steps to exit machine.

## FIELD WORK

## CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (1), Stans (7), CRA (7), EMES (0), Wilco (4), (1) Kooyers

## EQUIPMENT ON SITE:

(2) Excavators, (2) Ranger, (1) Skidsteer, (2) Airboat, (1) Roll-off Truck, (2) Deck Buggy, (1) Mixing box (1) Marsh excavator

## CONSTRUCTION ACTIVITIES:

Stans airboat operations and assisted with reactive cap placement

CRA assisted with reactive cap placement, surveying

ARCADIS performed CQA monitoring, sheen observations

Wilco operated equipment for reactive cap placement, Kooyers operated the mixing box

**GRIDS COMPLETED:** No specific grid numbers in disturbed area.

REMOVAL:	0	CY	0	BACKFILL CY
REACTIVE CAP PLACEMENT:	193	CY	16,252	SF
REACTIVE CAP MATERIALS:	34	BAGS	29.9	TONS
AMENDMENT PLACEMENT:		TONS		SF
OFFSITE TRANSPORT/DISPOSAL:	0	TONS	0	TRUCKS

## QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

Turbidity Readings at the Outlet culvert AM/PM: 53.2/47.7

No sheen observed downstream of work area.

## PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

Had approx. 30 cy left over to cover the 50'x50' area NW of mat road where decon took place.

Deployed (4) test pans in disturbed area ranging in thickness from 2.5" to 4.25"

## OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

## TEST EQUIPMENT CALIBRATIONS:

## SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR David Drost

TITLE CQA Monitor

SIGNATURE David Drost

PAGE 1 OF 1

# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY D. Drost

CQA MONITOR D. Drost

SITE FIELD MANAGER W. Stolle

WORK DAY START TIME 630

WORK DAY STOP TIME 1700

VISITORS \_\_\_\_\_

COVE WATER LEVEL 24.00"

DATE 11/6/2014

WEATHER ☐ Bright Sun ☐ < 32

DAY ☒ Clear ☐ 32 to 50

☐ Sunday ☐ Overcast ☒ 50 to 70

☐ Monday ☐ Rain ☐ 70 to 85

☐ Tuesday ☐ Snow ☐ > 85

☐ Wednesday

WIND ☒ Thursday ☐ Calm ☐ Dry

☐ Friday ☒ Moderate ☒ Moderate

☐ Saturday ☐ Strong ☐ Humid

HUMIDITY

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Discussed SPSA's from previous day. Noted some concerns with the decon procedure and discussed height of the tracks on the excavator and if fall protection was necessary. We determined it was

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

In the discussion about using a man lift in order to access the top of the excavator tracks, the issue was brought up about using 2 personnel in the man basket. One to operate the machine, the other to use the hose. We determined that was a good idea.

## FIELD WORK

## CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (1), Stans (7), CRA (6), EMES (2), Wilco (4), (1) Kooyers

## EQUIPMENT ON SITE:

(2) Excavators, (2) Ranger, (1) Skidsteer, (2) Airboat, (1) Roll-off Truck, (2) Deck Buggy, (1) Marsh excavator

## CONSTRUCTION ACTIVITIES:

Stans airboat operations, began removal of materials at loading area

CRA assisted with deconning

ARCADIS performed CQA monitoring, sheen observations

Wilco deconned equipment, Kooyers departed

GRIDS COMPLETED: No specific grid numbers in disturbed area.

REMOVAL:	0	CY	0	BACKFILL CY
REACTIVE CAP PLACEMENT:	25	CY	5,000	SF
REACTIVE CAP MATERIALS:	0	BAGS	0	TONS
AMENDMENT PLACEMENT:		TONS		SF
OFFSITE TRANSPORT/DISPOSAL:	0	TONS	0	TRUCKS

## QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

Turbidity Readings at the Outlet culvert AM/PM: 36.2/29.0

No sheen observed downstream of work area and in the Heavily Vegetated Area.

## PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

Material was placed in the decon area within the disturbed area next to mat road. All material used was mixed the previous day

## OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

## TEST EQUIPMENT CALIBRATIONS:

## SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR David Drost

TITLE CQA Monitor

SIGNATURE David Drost

PAGE 1 OF 1

# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY D. Drost

CQA MONITOR D. Drost

SITE FIELD MANAGER Z. Powers

WORK DAY START TIME 630

WORK DAY STOP TIME 1700

VISITORS \_\_\_\_\_

COVE WATER LEVEL 23.75'"

DATE 11/7/2014

WEATHER ☒ Bright Sun ☐ < 32

DAY ☒ Clear ☐ 32 to 50

☐ Sunday ☐ Overcast ☒ 50 to 70

☐ Monday ☐ Rain ☐ 70 to 85

☐ Tuesday ☐ Snow ☐ > 85

☐ Wednesday WIND HUMIDITY

☐ Thursday ☐ Calm ☐ Dry

☒ Friday ☒ Moderate ☒ Moderate

☐ Saturday ☐ Strong ☐ Humid

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Discussed some findings from EMES field audit/LPO. Determined that there were a few items on the JSA that were not being observed in the field, PPE concerns, and that a new work permit was required for the activities being performed

## HAZARDS IDENTIFIED / MITIGATION TAKEN:

The deckhand on the airboat, noted that there was a potential for overhanging limbs to strike a crew member while the boat was in operation, so he immediately signaled to the operator to maneuver out of the way, avoiding the limb.

## FIELD WORK

## CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (1), Stans (4), CRA (6), EMES (0), Wilco (4)

## EQUIPMENT ON SITE:

(2) Excavators, (2) Ranger, (1) Skidsteer, (2) Airboat, (1) Roll-off Truck, (2) Deck Buggy, (1) Marsh excavator, (1) Marooka

## CONSTRUCTION ACTIVITIES:

Stans airboat operations

CRA assisted with deconning

ARCADIS performed CQA monitoring, sheen observations

Wilco deconned equipment

GRIDS COMPLETED: No specific grid numbers in disturbed area.

REMOVAL:	0	CY	0	BACKFILL CY
REACTIVE CAP PLACEMENT:	0	CY	0	SF
REACTIVE CAP MATERIALS:	0	BAGS	0	TONS
AMENDMENT PLACEMENT:		TONS		SF
OFFSITE TRANSPORT/DISPOSAL:	0	TONS	0	TRUCKS

## QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

Turbidity Readings at the Outlet culvert AM/PM: 40.2/43.3

No sheen observed downstream of work area and in the Heavily Vegetated Area.

## PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

Assessed the shoreline for areas of concern regarding water influx. Determined (5) specific areas that would need additional BMP's

## OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

## TEST EQUIPMENT CALIBRATIONS:

Horiba Cal: 0.0 NTU

## SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR David Drost

TITLE CQA Monitor

SIGNATURE David Drost

PAGE 1 OF 1

# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY S. Patil

CQA MONITOR D. Drost

SITE FIELD MANAGER Z. Powers

WORK DAY START TIME 630

WORK DAY STOP TIME 1630

VISITORS \_\_\_\_\_

COVE WATER LEVEL See Cove Water Level Log

DATE 11/10 - 11/14/2014

WEATHER ☐ Bright Sun ☐ < 32

DAY ☒ Clear ☐ 32 to 50

☐ Sunday ☒ Overcast ☒ 50 to 70

☒ Monday ☐ Rain ☐ 70 to 85

☒ Tuesday ☐ Snow ☐ > 85

☒ Wednesday WIND HUMIDITY

☒ Thursday ☐ Calm ☐ Dry

☒ Friday ☒ Moderate ☒ Moderate

☐ Saturday ☐ Strong ☐ Humid

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Discussed change of tasks, freezing of water in the water truck, and staying warm in the cold weather.

HAZARDS IDENTIFIED / MITIGATION TAKEN:

## FIELD WORK

CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (1), Stans (7), CRA (6), EMES (0), Wilco (4)

EQUIPMENT ON SITE:

(2) Excavators, (2) Ranger, (1) Skidsteer, (2) Airboat, (1) Roll-off Truck, (2) Deck Buggy, (1) Marsh excavator, (1) Marooka

CONSTRUCTION ACTIVITIES:

Stans airboat operations. CRA/Stans/Wilco assisted with decontamination of equipment.

Wilco demobilized marsh excavator and one deck buggy.

ARCADIS performed CQA monitoring, sheen observations. Pre-Final Inspection conducted on 11/13/2014.

GRIDS COMPLETED:

REMOVAL:	0	CY	0	BACKFILL CY
REACTIVE CAP PLACEMENT:	0	CY	0	SF
REACTIVE CAP MATERIALS:	0	BAGS	0	TONS
AMENDMENT PLACEMENT:	0	TONS	0	SF
OFFSITE TRANSPORT/DISPOSAL:	0	TONS	0	TRUCKS

QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

Turbidity Readings at the Outlet culvert AM/PM: See turbidity log.

Sheen monitoring conducted in the Heavily Vegetated Area (3 times) and downstream of Heavily Vegetated Area (daily). No sheen was observed.

PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

NA

OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

TEST EQUIPMENT CALIBRATIONS:

Horiba Cal: 0.0 NTU

SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR Sonal Patil

TITLE CQA Monitor

SIGNATURE 

PAGE 1 OF 1

# DAILY PROJECT REPORT

PROJECT NAME XOM-Mayflower

REPORT PREPARED BY S. Patil

CQA MONITOR S. Patil

SITE FIELD MANAGER Z. Powers

WORK DAY START TIME 630

WORK DAY STOP TIME 1700

VISITORS \_\_\_\_\_

COVE WATER LEVEL See Cove Water Level Log

DATE 11/17 - 11/21/2014

WEATHER ☐ Bright Sun ☒ Clear ☒ Overcast ☐ Rain ☐ Snow

TEMPERATURE ☐ < 32 ☒ 32 to 50 ☒ 50 to 70 ☐ 70 to 85 ☐ > 85

DAY ☐ Sunday ☒ Monday ☒ Tuesday ☒ Wednesday ☒ Thursday ☒ Friday ☐ Saturday

WIND ☐ Calm ☒ Moderate ☐ Strong

HUMIDITY ☐ Dry ☒ Moderate ☐ Humid

## HEALTH AND SAFETY

DAILY SAFETY TOPIC: Discussed slips, trips and falls, cold stress and taking breaks to stay warm, SPSAs for cleaning mats, and preparing JSAs/SPSAs after changed conditions.

HAZARDS IDENTIFIED / MITIGATION TAKEN:

## FIELD WORK

CONTRACTORS ON SITE (INCLUDE NUMBER OF PERSONNEL):

ARCADIS (1), Stans (7), CRA (7), EMES (0), Wilco (0)

EQUIPMENT ON SITE:

(1) Excavators, (2) Ranger, (1) Skidsteer, (1) Airboat, (1) Roll-off Truck, (1) Deck Buggy

CONSTRUCTION ACTIVITIES:

Stans airboat operations, and removed soft booms and flags/stakes. CRA/Stans assisted with decontamination of equipment and board mats; and cleaned the rock yard.

CRA placed jute mats on the exposed capping area on 11/19/2014. Wilco demobilized remaining deck buggy on 11/19/2014.

ARCADIS performed CQA monitoring, sheen observations.

GRIDS COMPLETED:

REMOVAL:	0	CY	0	BACKFILL CY
REACTIVE CAP PLACEMENT:	0	CY	0	SF
REACTIVE CAP MATERIALS:	0	BAGS	0	TONS
AMENDMENT PLACEMENT:	0	TONS	0	SF
OFFSITE TRANSPORT/DISPOSAL:	0	TONS	0	TRUCKS

QUALITY CONTROL ACTIVITIES (INCLUDING TEST OR RETEST RESULTS, LOCATIONS, AND CORRECTIVE ACTIONS):

Turbidity Readings at the Outlet culvert AM/PM: See turbidity log.

Sheen monitoring conducted in the Heavily Vegetated Area (3 times) and downstream of Heavily Vegetated Area (daily). No sheen was observed.

PROBLEMS ENCOUNTERED / CORRECTIVE ACTION TAKEN:

NA

OFF-SITE MATERIALS RECEIVED / COMPLIANCE WITH PROJECT SPECIFICATIONS:

Jute mats

TEST EQUIPMENT CALIBRATIONS:

Horiba Cal: 0.0 NTU

SUMMARY OF CONTRACTOR MEETINGS:

CQA MONITOR Sonal Patil

TITLE CQA Monitor

SIGNATURE 

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