

**Completion of Targeted Organoclay Placement in the Heavily Vegetated Area
 Post-Construction Maintenance Summary
 Mayflower Pipeline Incident Response, Mayflower, Arkansas**

On August 20, 2015, ExxonMobil Environmental Services Company submitted a work plan (ARCADIS 2015) to the Arkansas Department of Environmental Quality (ADEQ) proposing the targeted placement of additional organoclay in a portion of the cove at the Mayflower Pipeline Incident Response site to mitigate crude oil-related sheens observed during recent monitoring events. As described in this work plan, the targeted organoclay placement was proposed in an area of up to 3,500 square feet in the natural channels (see Figure 1 below).

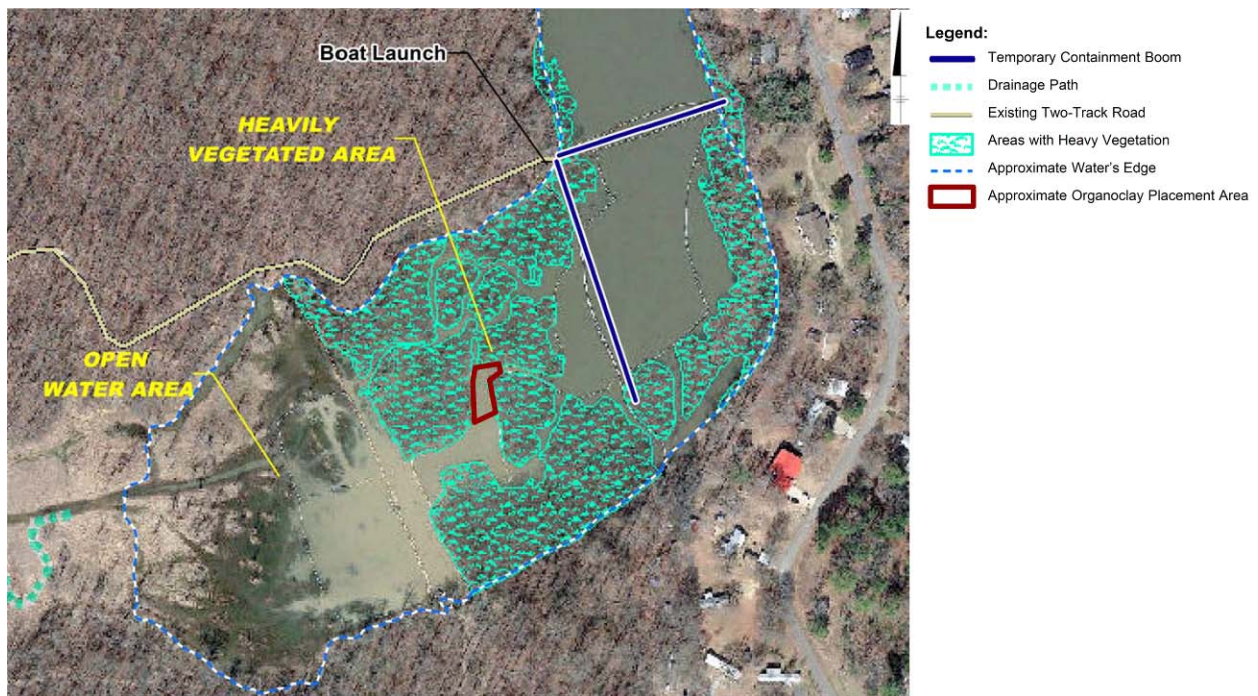


Figure 1 Organoclay Placement Extent in the Heavily Vegetated Area

The described targeted organoclay placement was completed on September 15 and 16, 2015 within the Heavily Vegetated Area by GHD of Little Rock, Arkansas. PMFI® organoclay material (developed by CETCO™) was placed directly over the sediment surface within the targeted area by manually spreading the organoclay from a boat. Prior to the organoclay placement, the targeted area was marked using flagging tape to assist with the organoclay placement. A total of 396 pounds of organoclay was placed over an area of 3,457 square feet, at an application of approximately 1.1 pound per 10 square feet. An Arcadis U.S., Inc. Construction Quality Assurance (CQA) Monitor recorded and verified the weight of organoclay material placed in the targeted area to confirm that the target placement was met. Personnel from the ADEQ were on site during the performance of the work.

The following photographs depict the organoclay placement activities completed within the Heavily Vegetated Area.

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Photo 1 Manual Spreading of Organoclay in the Heavily Vegetated Area



Photo 2 Organoclay Placement in the Heavily Vegetated Area

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Photo 3 Organoclay Placement in the Heavily Vegetated Area

A biweekly sheen monitoring event was conducted on September 15 (prior to the organoclay placement) and on September 28 (two weeks following the placement). During the September 28, 2015 sheen monitoring event, no sheens were observed in the targeted area of the cove.

Reference

ARCADIS. 2015. Targeted Organoclay Placement in the Heavily Vegetated Area, Post-Construction Maintenance Work Plan. Mayflower Pipeline Incident Response, Mayflower, Arkansas. August 20.