

Sheen Monitoring Report #35

Period: 06/16/2014 through 06/22/2014**Monitoring Days:** 06/18/2014*

*Weekly sheen monitoring started on 03/11/2014.

Summary of Rainfall: A qualifying storm is defined as at least 0.25-inch rainfall in 3 hours and at least 72 hours since the previous qualifying storm.

Date	Maximum 3-hr Precipitation	Qualifying Storm
06/16/2014	0.00 inches	No
06/17/2014	0.00 inches	No
06/18/2014	0.00 inches	No**
06/19/2014	0.00 inches	No
06/20/2014	0.24 inches	No
06/21/2014	0.01 inches	No
06/22/2014	0.00 inches	No

**Weekly monitoring and removal event was conducted on 06/18/2014.

Mitigation: Suspected petrogenic sheens were removed using absorbent materials.

Observations in Cove Inlet Channel:

- No sheen observed.

Observations in Cove:

- Three patches/streamers, one patch, and one streamer of silver gray sheen observed. Sheens did not break when disturbed ("non-brittle")¹.

Path Forward for 06/23/2014 to 06/29/2014 :

- Conduct sheen monitoring in Cove.

Notes:

1. Non-brittle sheens are often related to anthropogenic sources, including petrogenic sources (e.g., petroleum hydrocarbons).
2. Laboratory testing is required to distinguish sheen sources (e.g., crude oil, roadway runoff, natural biologic activity).
3. Sheen color (dark/metallic/rainbow/silver gray) and structure (patches/streamers/cover) terminology reference: NOAA 2007. NOAA Open Water Oil Identification Job Aid.

Mayflower Pipeline Incident Response

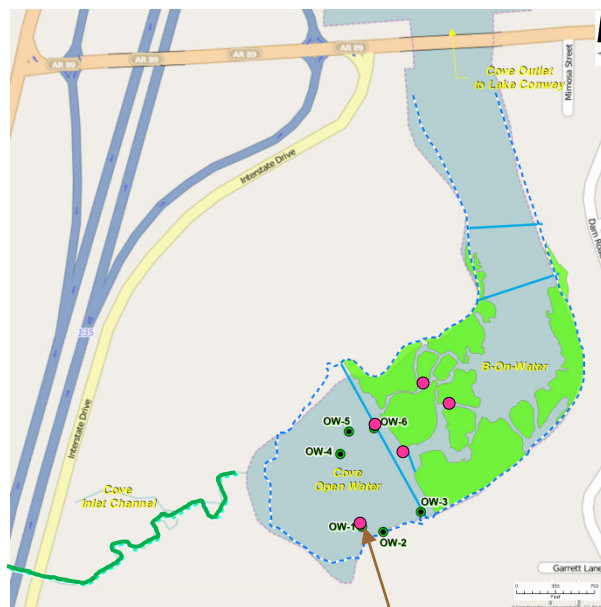
Mayflower, Arkansas

Legend:

Green Line – No Sheen

Pink Circle – Non-Brittle Sheen Location

OW-1 – Shoreline Observation Location



Cove (Summary of Observations from 06/16/2014 through 06/22/2014)



Silver Gray Sheen Patch/Streamer
Observation on 06/18/2014