

Alabama & Gulf Coast Railway (AGR)

121615- Magnolia, AL

DRAFT BOOM MAINTENANCE

Prepared By: EnviroScience

PURPOSE:

This boom maintenance plan is intended to identify and maintain containment of diesel for collection and removal associated with the December 13-14, 2015 locomotive diesel fuel tank puncture in Magnolia, Alabama near the vicinity of an unnamed tributary to James Creek.

BOOM LOCATIONS

Location Name	Coordinates	Description
1	32.034629 -87.580862	Two soft absorbent boom just downstream of railroad bridge
2	32.032151 -87.580683	Two soft absorbent boom at confluence of unnamed tributary and James Creek
3	32.029318 -87.577359	Two soft absorbent boom at Cook property bridge

See attached Figure 1 for reference.

Containment Boom Inspection, Maintenance and Fuel Recovery

All boom connections, supports, and anchors will be inspected for signs of fatigue and failure. Repairs and adjustments will be made as necessary to ensure booms are capable of containing fuel and minimize sheens. In the event of fatigue and/or failure of a boom that is not repairable, the affected boom will be replaced with a new unit.

Frequency

Boom inspections will be performed by SWS and EnviroScience weekly for three weeks starting on December 21, 2015 (3 inspections) and bi-weekly starting January 11, 2016 thru, at a minimum, the end of February (3 inspections). Inspections will also be prompted by rain events that produces greater than one-half inch of rain within 24 hours. A complete stream survey will complete for the first two weekly events or rain event over 0.5 half inch in 24 hours. Termination of this plan will be made when no

recoverable product is observed for at least 2 consecutive inspections (which includes the bi-weekly inspections in February). The Alabama Department of Environmental Protection (ADEM) will oversee this plan and modification and termination will be determined by ADEM.

Action Levels

During each inspection, workers will be looking for recoverable product. If recoverable product is observed, inspection/maintenance personnel will utilize absorbent pads and booms to recover product. Sheens will be reported, sources will be investigated, and, at ADEM's discretion, monitoring will continue until sheens dissipate. The schedule referenced above may change based on field observation and discussion with ADEM and USEPA.

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Figure 1.
Site Map.
AGR - Magnolia

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|---|---------------|---|------------------------|
|  | NHD Streams |  | Rail Bridge |
|  | Boom Location |  | Farthest Diesel Extent |

