



**Ward Property Flow Line Spill
Situation Report
Salyersville, Magoffin County, Kentucky
Wednesday, April 20, 2016**

Organizations on site:

EPA (1 OSC)

KY DEP (2)

Tetra Tech (1 START)

CMC (1 RM)

Eco-Tech (1 RM; 1 operator; 1 truck driver/environmental tech; 4 environmental techs; 4 truck drivers)

Clean-up equipment and personnel on site:

12 people (CMC – 1 RM; Eco-Tech – 1 RM, 1 operator; 1 truck driver/environmental tech, 4 environmental techs; 4 truck drivers)

2 excavators (Eco-Tech)

1 skid steer (Eco-Tech)

1 off-road dump truck (Eco-Tech)

4 dump trucks (Eco-Tech)

1 vacuum body/truck (Eco-Tech)

1 pneumatic pump (Eco-Tech)

Absorbent Pad and Boom (Eco-Tech)

Safety fencing (Eco-Tech)

Hand tools (Eco-Tech)

2 Response Trucks (Eco-Tech)

1 Response Trailer (Eco-Tech)

1-20 cubic yard Roll off Box (Eco-Tech)

1-30 cubic yard Roll off Box (Eco-Tech)



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Operational Summary

During this operational period the crews focused on containment and recovery of oil from the existing collection points, determination/access of source migration pathways and extent of contamination, and disposal of impacted materials.

Crews measured the volume of total liquid and crude oil present in the vacuum body. The vacuum body contained 1,630 gallons of liquid, with 126 gallons of crude oil and 1,504 gallons of water. Crews obtained measurements from the liquid that was previously recovered under direction of KY DEP; 2,368 total gallons of liquid were recovered on April 16, 2016 with 104 gallons of crude oil and 2,264 gallons of water. Total liquids recovered from site to date: 230 gallons of crude oil and 3,768 gallons of water.

Crews placed absorbent pads in the stream and used hand tools to remove impacted material in areas of visual contamination. Impacted materials were transported to the staging area for transportation and off-site disposal. In the pond area between underflow dam 1 and underflow dam 2, crews hand-cleared vegetation and debris and used boom to contain product toward underflow dam 1.

Crews continued excavating in front of building behind interceptor trench 1. Overburdened material not observed to be impacted by crude oil was staged near the excavation area to as clean fill for future backfill and grading activities. Approximately 65 cubic yards of overburdened material was removed from the top of the excavation area and stockpiled for future use.

The building near the source area was demolished due to contamination present underneath the building slab.

One-30 cubic yard roll-off box and one-17 cubic yard tri-axle dump truck transported soil impacted by crude oil off-site for disposal as a non-hazardous solid waste, under a Kentucky exemption for virgin crude oil-impacted material. KY DEP confirmed that the impacted materials on-site meet the requirements to fall under the exemption. The soil was transported to Pikeville, Pike County, Kentucky, and disposed at Pike County Landfill, permit number 9800014.

Three additional dump trucks were present in the staging area to transport impacted soil off-site for disposal; however, the access road to the excavation area was unable to support the dump truck traffic due to space, grade, and soil type near the excavation.

Crews focused on clearing vegetation and transporting riprap from the staging area to the excavation access area in order to make adjustments needed for dump truck traffic to reach the excavation area. Additional measures for the access road will be completed during the next operational period, and transportation and disposal of impacted materials will resume during the next operational period.