



**Ward Property Flow Line Spill  
Situation Report  
Salyersville, Magoffin County, Kentucky  
Tuesday, April 19, 2016**

**Organizations on site:**

EPA (1 OSC)

KDEP (2)

Tetra Tech (1 START)

CMC (1 RM)

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

**Clean-up equipment and personnel on site:**

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

1 excavator (Eco-Tech)

1 skid steer (Eco-Tech)

1 off-road dump truck (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)

**Operational Summary**

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



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Crews used a vacuum truck to remove product from existing collection points, including interceptor trench 1, underflow dam 1 and underflow dam 2. Approximately 1,600 gallons of oil/water mixture was recovered using the vacuum truck (does not include final volume from end of day recovery at interceptor trench 1). Crews hand-cleared vegetation and debris from along the stream bank to visually assess areas of contamination. 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.

To determine the source area migration pathways and extent of contamination, crews expanded the length and depth of interceptor trench #1 between the building and the stream and excavated north and south of the building. Excavated soil from approximately 0-3 ft bgs not observed to be impacted by crude oil was staged near the excavation area as clean fill for future backfill and grading activities. Impacted soil was transported to the staging area for transportation and off-site disposal.

Due to heavy equipment traffic associated with response activities, Magoffin County road crews performed maintenance on the one-way road which provides ingress/egress from the excavation areas to the staging area. The county road work resulted in limited access to the staging area throughout the day. Excavation activities were further hindered by equipment breakdown.