

On 6/13/2013 an early morning rain event at the Mamont 1 drilling pad overwhelmed the containment dike around the pad and caused a breach several feet wide which allowed water from the pad to run down the hill toward the reservoir. The dike is designed to temporarily hold precipitation and release it slowly to the environment. The quickness of the rainfall caused the breach. At the time the shallow top casing holes were being drilled and there were not a lot of vehicles on the pad nor was there any flow-back deep water or frac chemicals involved.

Samples taken by MAWC of the water showed low TDS (89), low chlorides (5), and no sheens or odor limiting the discharge to muddy rain water. The water that flowed over the hill created a channel initially then spread out and disappeared into the woods without leaving a muddy discharge in the reservoir.

The PA DEP inspector was on site and said that the event was not going to be a violation as the dike was built to the required standard and was inundated by the quickness of the rainfall.

The breach was being repaired the same day by putting in a gravel and earth patch, replacing the sediment sock, and laying straw over all the disturbed soil. Pictures supplied by Consol showed the damage and repairs made.

Brian Beskitt
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MAWC
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