



Ohio Department of Natural Resources

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Richard J. Simmers, Chief
Division of Oil and Gas Resources Management
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ORDER BY THE CHIEF

August 27, 2015

ORDER NO. 2015-414

TO: Heckman Water Resources (CVR), Inc.
300 Cherrington Parkway, Suite 200
Coraopolis, PA 15108

RE: Goff Storage Facility
Muskingum County, Union Township

SUBJECT: Suspension of Operations

Pursuant to Ohio Revised Code Sections 1509.03(D) and 1509.04(B)(1), the Chief of the Division of Oil and Gas Resources Management ("Chief" or "Division") makes the following Findings and issues the following Order:

BACKGROUND:

- (1) Heckman Water Resources ("Heckman") is operating a storage, treatment, and processing facility located at 6350 E. Pike, Norwich, Ohio in Muskingum County ("Goff Storage Facility"). The Goff Storage Facility receives and filters brine, solidifies residual solids and transports the filtered brine for disposal at the Goff #1 injection well or returns the filtered brine to Heckman's customers for reuse.
- (2) Division (B)(2)(a) of R.C. 1509.22 states, in pertinent part, that "***[no] person shall store, recycle, treat, process, or dispose of in this state brine or other waste substances associated with the exploration, development, well stimulation, production operations, or plugging of oil and gas resources without an order or a permit issued under this section or section 1509.06 or 1509.21 of the Revised Code or rules adopted under any of those sections."
- (3) Division (A) of R.C. 1509.22 states, in pertinent part, that "***[no] person shall place or cause to be placed in ground water or in or on the land or discharge or cause to be discharged in surface water brine, crude oil, natural gas, or other fluids associated with the exploration, development, well stimulation, production operations, or plugging of oil and

gas resources that causes or could reasonably be anticipated to cause damage or injury to public health or safety or the environment.”

- (4) On December 23, 2013, the Division received an application from Heckman requesting to operate the Goff Storage Facility. In its application, Heckman supplied the Division with information and details regarding its operations.
- (5) On January 3, 2014, the Division issued Chief's Order 2014-13 granting Heckman the authority to process, treat, and store brine or other waste substances associated with oil and gas operations at the Goff Storage Facility.
- (6) On June 1, 2015, an inspection of the Goff Storage Facility by Division representatives found that secondary containment was being used as primary containment for spillage and that the containment had failed. Brine and other oilfield waste substances had been discharged onto the ground.
- (7) On June 5, 2015, Division representatives witnesses several test pits being constructed at the Goff Storage Facility. Quantab evaluations were performed at these and other locations around the facility. The results of the Quantab evaluations showed evidence of a brine release, and visual observations showed evidence of hydrocarbons. The Division determined that a sump located in the secondary containment had a compromised seal between the sump structure and the secondary containment liner.
- (8) On June 9, 2015, the Division issued to Heckman a compliance notice for violation of R.C. 1509.22(A) for placing, or causing to be placed, brine and other fluids associated with the exploration, development, well stimulation, production operations, or plugging of oil and gas resources onto the ground at the Goff Storage Facility.

FINDINGS:

The Chief finds that Heckman has failed to comply with Chief's Order 2014-13 and is in violation of 1509.22(A)

ORDERS:

IT IS HEREBY ORDERED:

- (1) Heckman shall do all of the following:
 - a) Cease all storing, recycling, and processing operations at the Goff Storage Facility.
 - b) Develop and submit for the Chief's approval a plan to determine the horizontal and vertical extents of the discharged brine and other oilfield waste substances.

- c) Remediate the site in accordance with the approved plan.
- (2) Heckman cannot resume operations at the Goff Storage Facility until the Chief determines that the Goff Storage Facility has been properly remediated and the Goff Storage Facility is inspected by the Chief in accordance with Chief's Order 2014-13.

8/27/15
Date

Jon Rayfield for R. Simmers
Richard J. Simmers, Chief
Division of Oil and Gas Resources Management

Addressee is hereby notified that this action is final and effective and may be appealed pursuant to Section 1509.36 of the Ohio Revised Code. If the Order is appealed to the Ohio Oil and Gas Commission, the appeal must be in writing and must set forth the Orders complained of and the grounds upon which the appeal is based. Such appeal must be filed with the Oil and Gas Commission, 2045 Morse Road, Building H-3, Columbus, Ohio 43229-6693, within thirty (30) days after receipt of this Order.

In addition, within three (3) days after the appeal is filed with the Oil and Gas Commission, notice of the filing must be submitted to Richard J. Simmers, Chief, Division of Oil and Gas Resources Management, Ohio Department of Natural Resources, 2045 Morse Road, Building F, Columbus, Ohio 43229-6693.

CERTIFIED MAIL No: 91 7199 9991 7036 1540 8581

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cc: Legal DOGRM
Robert Worstall, Deputy Chief
David Claus, Deputy Chief
Steve Opritza, Permitting Manager
Brent Bear, Regional Supervisor
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Engineering