



# Ohio Department of Natural Resources

JOHN R. KASICH, GOVERNOR

JAMES ZEHRINGER, DIRECTOR

**Richard J. Simmers, Chief**  
**Division of Oil and Gas Resources Management**  
2045 Morse Road – Bldg. F-2  
Columbus, OH 43229-6693  
Phone: (614) 265-6922, Fax: (614) 265-6910

## **ORDER BY THE CHIEF**

September 2, 2014

**ORDER NO. 2014-370**

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

**RE: Goff Storage Facility**  
**Muskingum County, Union Township**

**SUBJECT: Temporary Authorization to Store, Process, Treat, and Recycle Brine and**  
**Other Waste Substances Pursuant to R.C. 1509.22**

Pursuant to Ohio Revised Code Section 1509.22, the Chief of the Division of Oil and Gas Resources Management ("Chief" or "Division") issues the following Order:

### **BACKGROUND:**

- (1) Heckmann Water Resources, Inc. ("Heckmann") operates the Goff Storage Facility located at 6350 E. Pike, Norwich, Ohio ("Goff Storage Facility"). The Goff Storage Facility is a brine storage facility. Brine associated with the exploration, development, well stimulation, production operations, or plugging of oil and gas resources that is stored at the Goff Storage Facility is either disposed of at the Goff #1 injection well or returned to Heckmann's customers for reuse.
- (2) Division (B)(2)(a) of R.C. 1509.22 states, in pertinent part, that "On and after January 1, 2014, 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) On December 23, 2013, the Division received an application from Heckmann requesting to store brine and other waste substances associated with the exploration, development, well stimulation, production operations, or plugging of oil and gas resources at the Goff Storage Facility. In its application, Heckmann Water Resources Inc. supplied the Division

with information and details regarding its proposed operations. On January 3, 2014, the Division issued Chief's Order 2014-13 to Heckmann, authorizing operations at the Goff Storage Facility

- (4) On July 1, 2014, Heckmann filed an application to modify Chief's Order 2014-13 to include additional storage, processing, treatment, and recycling processes at the Goff Storage Facility. In its application, Heckmann supplied the Division with information and details regarding its storage, processing, and recycling operations.

**ORDER:**

**IT IS HEREBY ORDERED:**

Heckmann Water Resources Inc. has temporary approval at the Goff Storage Facility to store, process, and recycle brine and other waste materials associated with the exploration, development, well stimulation, production operations, or plugging of oil and gas resources, subject to the following conditions:

- (1) Heckmann Water Resources Inc. shall conduct all operations in compliance with R.C. Chapter 1509 and Ohio Adm.Code 1501:9.
- (2) Heckmann Water Resources Inc. shall conduct all operations at the Goff Storage Facility in accordance with the application it submitted to the Division for the facility.
- (3) Brine shall not be disposed of in a manner not specified in R.C. 1509.22(C)(1)(a) through R.C. 1509.22(C)(1)(c). Disposal of brine pursuant to R.C. 1509.22(C)(1)(d) requires separate written approval by the Chief.
- (4) This Chief's Order shall terminate upon any of the following, whichever occurs first:
  - a) The Division issues a permit to Heckmann Water Resources Inc. for the Goff Storage Facility pursuant to rules promulgated under to R.C. 1509.22(C);
  - b) The Division denies a permit to Heckmann Water Resources Inc. for the Goff Storage Facility pursuant to rules promulgated under R.C. 1509.22(C); or
  - c) Six months after the effective date of rules adopted under R.C. 1509.22(C).
- (5) Chief's Order No. 2014-13, issued to Heckmann Water Resources Inc. on January 3, 2014, is terminated.

9-4-2014  
Date

Scott R. Kell for  
Richard J. 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 7034 1498 5566

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cc: Eric Vendel, Legal Counsel, DOGRM  
Rocky King, Region Supervisor  
Steve Opritza, Permitting Manager  
Engineering Section  
Pat Shreve, Muskingum County Oil and Gas Inspector



# Ohio Department of Natural Resources

JOHN R. KASICH, GOVERNOR

JAMES ZEHRINGER, DIRECTOR

September 2, 2014

Heckman Water Resources, Inc.  
300 Cherrington Parkway, Suite 200  
Coraopolis, PA 15108

To Whom It May Concern:

RE: Stabilization of brines and other waste substances

Heckman Water Resources, Inc. is receiving this letter because Heckman Water Resources, Inc. has been issued Chief's Order 2014-13 to store, recycle, treat, or process brine or other waste substances pursuant to R.C. 1509.22. Division (C)(1) of R.C. 1509.22 states that brine from a horizontal well can only be disposed of by injection into a Class II injection well, in association with a method of enhanced recovery, or in a manner approved by a permit or an order issued by the Chief that authorizes an alternative method of brine disposal. If wastes containing amounts of brine are being solidified with compressible bulking agents, such as sawdust or auto-fluff, the use of such bulking agents may release brine when the waste is transported and/or placed in a landfill. In order to eliminate the release of brine during transportation or placement in a landfill, liquid and semi-solid oil and gas wastes that contain free liquids must be stabilized with Portland cement, quick-lime (CaO), and other materials that may be approved by the Chief. Stabilization with these agents binds the liquid waste component to the stabilizing agent resulting in a stable solid that passes the paint filter test.

All facilities that are operating under a Chief's order authorized under R.C. 1509.22 must ensure that all oil and gas wastes are stabilized with agents as referenced above.

Please note that the above process does not eliminate the responsibility to test for levels of radium 226 and radium 228 in all technologically enhanced naturally occurring radioactive material (TENORM), pursuant to R.C. 1509.074.

Sincerely,

A handwritten signature in cursive script that reads "Scott Kell for Richard Simmers".

Richard Simmers

Chief, Division of Oil and Gas Resources Management