



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

June 20, 2014

ORDER NO. 2014-184

TO: Pressure Tech Industrial Cleaning Services Incorporated
609 First Street
Worthington, KY 41183

RE: Pressure Tech Norwich Facility
Muskingum County, Union Township

SUBJECT: Temporary Authorization to Process, Recycle, and Treat 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) Pressure Tech Industrial Cleaning Services Incorporated ("Pressure Tech") proposes to operate a processing, treatment, and recycling facility to be located at 7675 East Pike, Norwich, Ohio in Muskingum County ("Pressure Tech Norwich Facility"). The Pressure Tech Norwich Facility will receive brine or other waste substances associated with the exploration, development, well stimulation, production operations, or plugging of oil and gas resources for recycling, treatment, and processing for dewatering and eventual transportation for final disposal.
- (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 April 17, 2014, the Division received an application from Pressure Tech requesting to recycle, process, and treat materials associated with the exploration, development, well stimulation, production operations, or plugging of oil and gas resources at the Pressure

Tech Norwich Facility. In its application, Pressure Tech supplied the Division with information and details regarding its proposed operations.

ORDER:

IT IS HEREBY ORDERED:

Pressure Tech has temporary approval at the Pressure Tech Norwich Facility to recycle, process, and treat brine or other waste substances associated with the exploration, development, well stimulation, production operations, or plugging of oil and gas resources, subject to the following conditions:

- (1) Pressure Tech shall conduct all operations in compliance with R.C. Chapter 1509 and Ohio Adm.Code 1501:9.
- (2) 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.
- (3) This Chief's Order shall terminate upon any of the following, whichever occurs first:
 - a) The Division issues a permit to Pressure Tech for the Pressure Tech Norwich Facility pursuant to rules promulgated under R.C. 1509.22(C);
 - b) The Division denies a permit to Pressure Tech for the Pressure Tech Norwich 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).

Date June 20, 2014

Jason R. Hill 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 1303 5538

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



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June 20, 2014

Pressure Tech Industrial Cleaning Services Incorporated
609 First Street
Worthington, KY 41183

To Whom It May Concern:

RE: Stabilization of brines and other waste substances

Pressure Tech Industrial Cleaning Services Incorporated is receiving this letter because Pressure Tech Industrial Cleaning Services Incorporated has been issued Chief's Order 2014-184 to recycle, treat, and 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,

Richard J. Simmers

Richard Simmers
Chief, Division of Oil and Gas Resources Management