

June 26, 2015

3600-4800-32640-02

Tom Johnston  
Aqua Terra Water Management Inc.  
#108, 32 Burnt Lake Crescent  
Red Deer, AB  
T4S 0K6

Dear Mr. Johnston,

**RE: PRODUCED WATER DISPOSAL SPECIAL PROJECT  
AQTWM FT ST JOHN 11-12-84-19 W6M; WA# 3010  
HALFWAY FORMATION**

A letter from Aqua Terra Water Management, dated May 25, 2015, requests a delay of the testing deadline set by the Commission in our letter of April 30, 2015. The testing requirements for the subject well include a casing inspection log, hydraulic isolation temperature log, and reservoir pressure test, submitted by July 15, 2015. Aqua Terra stated that this testing will require shut-in of the well for an extended period of up to 14 days, significantly affecting the business of both Aqua Terra and their customers.

Both the reservoir pressure test and hydraulic isolation log require extended shut in time to achieve valid results. The Commission agrees to a delay of the deadline for submission of the reservoir pressure test and hydraulic isolation log until **December 15, 2015**. However, this approval is conditional upon the performance of a casing inspection log, which may be performed with minimal down time. Recent technology through-tubing casing inspection logs have been accepted by the Commission, providing cost and risk benefits over pulling tubing and packer.

To provide assurance regarding well operation, please provide records of the wellhead casing and tubing pressure monitoring for the past year, installed on the well as per condition 2d) of Order 92-02-005 Amendment #2. Please also provide packer isolation tests for the past 4 years, performed annually as per section 16(3) of the Drilling and Production Regulation.

The casing inspection log and above noted supplementary information must be provided to the Commission by **July 27, 2015**. Detected casing condition that is unsatisfactory for continued disposal operation will require remediation.

Aqua Terra has indicated a plan to complete the required testing on 11-12 following the commencement of disposal at the well AQTWM 6-24-84-19 (WA 3060). As a reminder, the following must be completed on well 6-24 prior to commencing disposal operation, as outlined in Order 10-02-001 Amendment #1:

- a reservoir pressure test
- a hydraulic isolation log
- install groundwater monitoring wells & conduct baseline sampling

Should you have any questions, please contact Ron Stefik at (250) 419-4430 or Michelle Harding at (250) 419-4493.

Sincerely,



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Ron Stefik, Eng.L.  
Supervisor, Reservoir Engineering  
Oil and Gas Commission