

## **BATTLE LAKE WATERSHED SYNERGY GROUP**

< <http://synergyalberta.ca/group/battle-lake-watershed-synergy-group> >

**February 7, 2013**

A meeting of the Battle Lake Watershed Synergy Group was held on Thursday, February 7, 2013 at the Lakedell Ag. Centre (Hall B) with Paul McLauchlin acting as Facilitator.

### **CALLED TO ORDER:**

Paul called the meeting to order at 7:00 pm.

### **Agenda**

- Introductions
- Review of Minutes
- Action Items
- Outsource Update/Wrap-up
- ERCB Updates
- Industry Updates
- Community Updates
- Seismic BMP
- Next Meeting

### **ATTENDANCE:**

In attendance were {4} residents, {11} industry representatives and government officials.  
(See the attached list.)

## Action Items Review:

#174 – Follow up with Reclamation BMP

#175 – Seismic Operations BMP

**ERCB Updates:** Steve Harrington-ST57 Field Operations Provincial Summary has been released on our website. This report provides field operations inspection data received by Dec. 31, 2011. Highlights include

- 13 827 inspections conducted, 437 of which were high risk noncompliant
- Total of 10 711 wells were drilled
- Three well blowouts
- Pipeline failure rate was 1.5 failures per 1000 Km.

Hydraulic Fracturing Information Reports required under ERCB Directive 59 can be found on the fracfocus.ca website. (“How to Read a Fracturing Record” is attached)

Single Regulatory: the work to stand up the Alberta Energy Regulator is still underway and continues to be tasked to have a new and larger single regulatory for upstream oil and gas, oil sands and coal. The date set for AER is June 1, 2013. This consists of all of ERCB, and parts of SRD and AB Environment.

Water Conservation: The AB Gov't. has announced our plans to engage Albertans in how water is managed. 20 sessions across AB will be hosted including Thorsby (March 13) and Rocky Mnt. Hse. (March 12). Everyone is welcome to these Community Water Conservation public events. (More dates and times attached).

Four focus topics include:

- Healthy lakes
- Hydraulic fracturing
- Drinking and wastewater systems
- Water management

## How to Read a Fracturing Record

**The following is a list of elements contained in the hydraulic fracturing records viewable on this site and an explanation of what each element means. Minor differences may be observed between reports prepared by different provinces. The header of each fracturing record contains general information about a well:**

- 1. Fracture date:** This is the date on which the fracturing associated with the record occurred.
- 2. Submission date:** This is the date of the most recent submission of hydraulic fracturing information related to a well, reflecting either subsequent hydraulic fracturing operations or information amendments (Alberta).
- 3. Province:** The name of the province in which the surface location of the well is located.
- 4. Region:** The name of the region within the province.
- 5. Field Centre:** The name of the regulatory agency field centre within the province (Alberta).
- 6. Surface Location:** The Dominion Land Survey location of the surface of the well (Alberta).
- 7. Well (Licence) Number:** This is the permit or license number associated with the well.
- 8. Operator (Licensee) Name:** This is the name of the company that is responsible for operations at the well at the time the report is prepared.
- 9. Unique Well Identifier:** The unique well identifier is the standard 16-character code which defines the bottom hole location and each significant drilling or completion event in the well. (Alberta). When considered with the surface location, interested parties can better appreciate the approximate sub surface path of the lateral reach of the well.
- 10. Well Name:** The well name typically provides generalized information regarding the operator region and location of the well.
- 11. Number of Stages:** The number of completed intervals along the length of a wellbore that were hydraulically fractured in the well (Alberta).
- 7. Longitude:** This is the east-west coordinate location of the well on the earth in degrees, minutes and seconds.
- 8. Latitude:** This is the north-south coordinate location of the well on the earth in degrees, minutes and seconds.
- 9. Latitude/ Longitude Projection:** This is the particular projection method for the

Latitude/ Longitude (e.g. North American Datum (NAD) 27 or 83).

10. **True Vertical Depth:** This is the absolute depth of the well measured from the surface to the deepest point of penetration.

11. **Total Water Volume:** This is the total amount of water in cubic metres (m<sup>3</sup>) used as the carrier fluid for the hydraulic fracturing job. It may include recycled, fresh or saline water.

12. **Production Type:** This designates the well type (e.g. oil, gas).

In addition to the general information shown above, each record contains information about the specific ingredients used during the fracturing process.

*The following is a list of the information shown on the fracturing record:*

1. **Trade Name:** This is the name of the product designated by the supplier.

2. **Supplier:** This is the name of the company that supplied the product (e.g. Schlumberger, Halliburton).

3. **Purpose:** This is the function served by the additive (Trade Name) in the fracturing process (e.g. surfactant, biocide, etc...).

4. **Fracture Start/End Date:** The period when the hydraulic fracturing operations occurred (Alberta).

5. **Component Type:** This indicates the component of the hydraulic fracturing fluid system to which an additive or ingredient is associated (Alberta).

6. **Ingredients:** This is the name of the chemical ingredient (e.g. Ethanol, Naphthalene etc...). An ingredient chemical family name may be reported for ingredients considered to be confidential business information.

7. **Chemical Abstract Service ‡ ‡ or CAS #:** This is a number assigned by a division of the American Chemical Society for the purpose of identifying a specific substance. You can learn more about the characteristics of chemicals by searching for name or CAS number on the USEPA National Center for Computational Toxicology ‡ ‡ website.

8. **Hazardous Material Information Review Commission or HMIRC (registry) #:** This number indicates that the particular ingredient or additive formulation is considered to be confidential business information and is subject to a Hazardous Material Information Review Act claim exemption.

9. **Ingredient Percentage in Additive by % Mass:** This describes the amount of ingredient within the additive (Trade Name) as a per cent of the total mass of the additive. **Note: Because the % Mass of the additive may be expressed in its maximum concentration, the total % Mass of ingredient percentage may exceed 100 per cent.**

10. **Ingredient Concentration in HF (Hydraulic fracturing) fluid % by mass:** This describes the amount of ingredient as a per cent of the total mass of the HF fluid including carrier fluid and additives. ***Note: The total may not equal 100 per cent due to the redaction of proprietary components in accordance with the Trade Secrets provisions of the Federal Hazardous Material Information Review Act.***

## Community Conversations

---

All sessions are open to the public.

Doors open at 5 p.m. Facilitated conversations run from 5:30 to 8 p.m.

Tues, February 19  
**Grande Prairie**  
 Pomeroy Hotel & Conf Centre  
 11633 - 100 Street

Wed, February 20  
**Peace River**  
 Belle Petroleum Conf Centre  
 9403 - 94 Street

Thurs, February 21  
**Hinton**  
 Hinton Centre  
 965 Switzer Drive

Tues, February 26  
**Camrose**  
 Norsemen Inn  
 6505 - 48 Avenue

Wed, February 27  
**Edmonton**  
 Ramada Inn & Conf Centre  
 11834 Kingsway Avenue

Thurs, February 28  
**Bonnyville**  
 Willow Prairie Hall  
 Hwy 41 & Hwy 55 (near La Corey)

Tues, March 12 (*\*new date*)  
**Slave Lake**  
 Slave Lake Inn & Conf Centre  
 1200 Main Street SW

Wed, March 13  
**Thorsby**  
 Thorsby Community Centre  
 4813 - 49 Street

Thurs, March 14  
**Fort McMurray**  
 Sawridge Inn & Conf Centre  
 530 MacKenzie Blvd

**Fort Chipewyan**  
 TBA

Wed, March 20  
**Calgary**  
 Marriot Courtyard Calgary Airport

Tues, February 19  
**Medicine Hat**  
 Medicine Hat Lodge  
 1051 Ross Glen Drive SE

Wed, February 20  
**Milk River**  
 Civic Centre  
 321 - 3 Avenue NE

Tues, February 26  
**Pincher Creek**  
 Heritage Inn  
 919 Waterton Ave & Hwy 6

Wed, February 27  
**Okotoks**  
 Centennial Centre  
 4 - 204 Community Way

Thurs, February 28  
**Lethbridge**  
 Lethbridge Lodge & Conf Centre  
 320 Scenic Drive

Tues, March 12  
**Rocky Mountain House**  
 Lou Soppit Community Centre  
 4733 - 54 Avenue

Thurs, March 14  
**Red Deer**  
 iHotel (*formerly Holiday Inn*)  
 6500 - 67 Street

Tues, March 19  
**Drumheller**  
 Jurassic Inn  
 1103 Hwy #9 South

Thurs, March 21  
**Canmore**  
 Radisson Hotel & Conf Centre

EMAIL FEEDBACK VIA: [ESRD.INFO-CENTRE@GOV.AB.CA](mailto:ESRD.INFO-CENTRE@GOV.AB.CA)

WEBSITE: [WWW.WATERCONVERSATION.ALBERTA.CA](http://WWW.WATERCONVERSATION.ALBERTA.CA)

ENVIRONMENTAL HOTLINE - 1-800-222-6514

<http://environment.alberta.ca/04132.html>

2/6/2013

## Industry Updates:

**Advantage:**Monte Hurt: Feb. 5,2013- announcement that Advantage Oil and Gas Ltd. has sold all of their assets in the Watershed to Questfire Energy Corp.

Activity at 5-25-46-2 W5:Revive Energy may be installing a riser at Advantages wellsite in the near future and will be responsible for all stakeholder notifications

Monte shared the website <http://surfacewaterdiversion.com/login/index.php>

This is an online learning portal for Surface Water Diversion (Under the *Water Act*) for the Oil and Gas Industry in Alberta. This learning portal contains resources and training to ensure you understand how to do your part in properly managing water resources in Alberta. An overview of Surface Water Diversion is available in the Surface Water Diversion Course.

**BayTex:** Shane Koss-Nothing new to share.

**PennWest:** Allan Browse-PennWest submitted an application to the ERCB to relicense an oil multi-well battery at 6-1-46-2-W5. The relicense will involve the increase of the inlet rates to accommodate new production in the area.

**Scollard:** Myles Aitken-Kingsmere has acquired some of our assets, but Scollard has kept gas wells, compression and pipelines.

**Kingsmere:**Dennis Miller-Sec. 8-25-46-2, planning well on surface location 1-9-46-2. No tree disturbance, standard fracing, if any gas-will be a standard tie in with Conoco. 3-4 week plan.

**NEP:** (Newton Energy Partners)-William Evans-Took over from MEC in early 2012. 11-25-46-2-surveying being done. If well pans out, will be using a Belly River Formation. Landowners notified as directed by ERCB.

**County of Wetaskiwin:** Kathy Rooyakkers-following up with questions from previous meeting.

County of Wetaskiwin's policy on sterilizing County equipment? The county has no policy in place, but equipment is sprayed before going on private land at the request of the land owner.

Did the County receive money from Siesmic operations? No the County did not receive the money in 2012. When the county receives money for such things as Siesmic or pipeline that money go into General Revenue. If the money is to be put to any areas or projects it would have to be passed by resolution at a county council public meeting

Kathy shared info from [www.battleriverwatershed.ca](http://www.battleriverwatershed.ca)

The draft *Approved Water Management Plan for the Battle River Basin (Alberta)* was developed with extensive input from a Stakeholder Advisory Group representing government, agriculture, industry, stewardship communities and private citizens. The Government of Alberta is now seeking broad public input on the draft Plan. Key recommendations contained within the plan include:

- Setting a water allocation limit;
- Establishing a Water Conservation Objective (WCO);
- Enabling Transfers from senior water licences; and
- Introducing Water Conservation Holdbacks for the Battle River Basin.

The draft plan will be taken out to stakeholders for feedback from January to March 2013. The resulting draft Water Management Plan and recommendations will be submitted to the Director appointed under the Water Act. Responsibility for final approval of the water management plan rests with the Minister of Environment (and possibly Cabinet if an “Approved” plan).

### **Community Updates:**

**Bob Whiteside:** Confirming that Baytex is working on the noise issue.

**Michael Black:** Questions for NEP in reference to their previously noted activity.

1. Willing to test waterwells? Yes, within 800 meters
2. Where is the water coming from? Devon
3. How much water will be used? Not yet known, but will find out.
4. Chemicals being used? Nitrogen and sand.

**Jim Stevens:** Question for Steve @ ERCB-Is fracking causing harm to ground water and the water supply to people? Not a major issue and water volume is recorded.

- Gave history of the Lakedell Ag society. They are a non-profit organization dedicating their diverse facilities to the community. Without volunteers and sponsors, most of the programs offered would not be possible. With rising utility costs, the society is looking for more sponsorship to help with the expenses, which would be greatly appreciated.



**Seismic BMP:** A few more changes in the wording. Draft is ready for final changes.

\*Paul got the consensus that the group is in favour of him distributing another questionnaire, looking for input on whether the group is going in the right direction. With regards to effective and sensitive planning of oil and gas development in the Battle Lake watershed area through open and honest communication and planning between residents, the oil and gas industry and government agencies.

**Next Meeting: April 4, 2013**

**Action Items Review:**

**#174** – Follow up with Reclamation BMP

**#175** – Final Seismic Operations BMP

**#176**-Asset side of Evaluation sheet

**ATTENDANCE LIST**

**February 7, 2013**

<b>INDIVIDUAL</b>	<b>REPRESENTING</b>
Paul McLauchlin	Facilitator
Jim Stevens	Resident
William Evans	NEP
Myles Aitken	Scollard
Shane Koss	Baytex
Allan Browse	Penn West
Lavonne Ingram	PennWest
Michael Black	Resident
Monte Hurt	Advantage
Steve Harrington	ERCB
Rod Calder	PennWest
Joanne Broderson	Resident
Kathy Rooyakkers	County of Wetaskwin
Dennis Miller	Kingsmere
Deneen Evans	Facilitator Assist.
Bob Whiteside	Resident