

## BATTLE LAKE WATERSHED SYNERGY GROUP

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

A meeting of the Battle Lake Watershed Synergy Group was held on Thursday June 2, 2016 at the Lakedell Ag. Centre with Paul McLauchlin acting as Facilitator.

### CALL TO ORDER:

Paul called the meeting to order at 7:05 pm.

### Agenda

- Introductions
- Review of Minutes (March 3, 2016)
- AER Update
- Industry Updates
- Community Updates
- Next Meeting

### ATTENDANCE:

In attendance were { 4 } residents, { 12 } industry representatives and government officials. (See the attached list.)

### Review of Minutes:

March 3, 2016 meeting notes had been distributed and now accepted.

### AER Update: Darcy Allan-Emailed update

Many of the AER staff have been redeployed to assist and support Local, Provincial and Federal efforts to return the FMM area to normal operations. – I will be unable to provide an AER staff delegate for our meeting.

Here are a few Bulletins that may be of interest.

- Bulletin 2016-05: First 2016/17 Orphan Fund Levy  
<http://www.aer.ca/rules-and-regulations/bulletins/bulletin-2016-05>
- Bulletin 2016-09: Alignment of Reclamation Application Process with Responsible Energy Development Act Statement of Concern Requirements  
<http://www.aer.ca/rules-and-regulations/bulletins/bulletin-2016-09>

- Bulletin 2016-10: Obligations of Licensees When in Insolvency or When Otherwise Ceasing Operations  
<http://www.aer.ca/rules-and-regulations/bulletins/bulletin-2016-10>
- Bulletin 2016-15: 2016 AER Administration Fees (Industry Levy)  
<http://www.aer.ca/rules-and-regulations/bulletins/bulletin-2016-15>
- Public Statement 2016-05-27 (AERPS2016-01) - AER appeals Court of Queen's Bench Redwater decision  
<http://www.aer.ca/about-aer/media-centre/news-releases/public-statement-2016-05-27>

## Industry Updates:

### Baytex Energy: Shane Koss

- No new updates

### ConocoPhillips: Jill Salus, Leon Heck, Jamie Fleck & Elaine Arruda

- The 4-8-46-2w5 compressor location south of hwy 13 and the bear creek trail, compressor has been shut in since Dec 2015. We are planning on removing our HP/LP flare system consisting of a single incinerator that is not in compliance with AER regulations and deemed unsafe to operate due to the insufficient height of the incinerator and the heat that it gives off when we are burning gas in it. We will be installing a HP and LP flare stack both 60' in height
- The 4-8 compressor station will also be re-licensed from a sour compressor station to a sour multi well battery, this will be done because we store hydrocarbon in a 400 bbl tank on site.
- The 3-9-46-2w5 gas well will also be licensed as a sour single well battery from a sweet multi well battery, we are also installing a sweetening chemical system on this well because it is sour.
- ConocoPhillips has had constant thefts from their sites.
- D.D. Had concerns with the wording of the information package he received as well as the overall changes being made. Conoco to follow up with Dave as the changes progress.

### Questfire Energy Corp: Ted Thompson

- Regular operations. No new activities are planned.

**BonaVista Energy: James Lutes**

- Normal operations, nothing new to report.
- Rimbey Regional Synergy Group Open House on June 8, 2016 5:00 pm at the Rimbey Peter Loughheed Community Center. Everyone welcome.

**County of Wetaskiwin: Kathy Rooyakkers**

- Unable to attend. Email stating no new updates.

**Resourceful Petroleum: Bill Dolan**

- Unable to attend. Emailed Update: Resourceful has no current activity updates at this time.

**Community Updates:**

**Ken Jenny:**

- Questioned if Inplay has been attending the meetings. As he understood they would honor the responsibilities of the property bought from the previous co. Paul stated that they are an active member, but have not been at the last few meetings.

**Karl Zales: Consultant**

- Shared an invite to the WPSRG special Presentation on June 14, 2016 7:00 pm at Warburg Community Hall. Flyer attached to these meeting notes. Everyone welcome.

**Dave Doze:**

- Shared a quote from the book "Endangered Brains" by Kaye H. Kilburn, M.D. Please see attachment to these meeting notes from Dave with further information regarding risk potential of H2S.

**Bob Whiteside:**

- Nothing new to share.

**Graham Gilchrist: Consultant**

- Several S36, non-payment files on the go. One rent review.

**Michael Black:**

- Nothing to share

**Projected Meeting Dates:**

**September 8, 2016**

**Nov. (TBA) waiting on SA to book 2016 conf. dates**

**ACTION ITEMS**

**2016**

<b>#</b>	<b>Action</b>	<b>Request Date</b>	<b>Person Responsible</b>	<b>Status</b>
<b>182</b>				

**ATTENDANCE LIST**

<b>INDIVIDUAL</b>	<b>REPRESENTING</b>
Paul McLauchlin	Facilitator
James Lutes	Bonavista Energy
Shane Koss	Baytex
Dave Doze	Resident
Ken Jenny	Resident
Deneen Evans	Minute recorder
Ted Thompson	Questfire
Graham Gilchrist	Consultant
Leon Heck	ConocoPhillips
Karl Zajes	WPSRG
Bob Whiteside	Resident
Jill Salus	ConocoPhillips
Jessica Thiessen	Summer Student
Michael Black	Resident
Jamie Fleck	ConocoPhillips
Elaine Arruda	ConocoPhillips

# Warburg Pembina Surface Rights Group FARMERS ADVOCATE SPECIAL PRESENTATION

ADMISSION IS FREE TO EVERYONE

**Tuesday Evening, June 14, 2016, 7:00 pm**  
**at the Pioneer Agricultural Centre (Warburg Community Hall)**

**Agenda:** 6:30 pm Registration (come early - seating is limited)

6:45 pm Overview & Introduction

7:00 pm Presentation by Janet Patriquin and/or Jeana Les from the **Farmers Advocates Office**



### Topics:

- Overview of the services we offer to farmers and ranchers
- Update on the recent Notices on our website
  - Advisory 2016-2: FAO warns landowners about selling surface leases (April 22, 1016)
  - Advisory: FAO warns landowners about actions that contradict the Surface Rights Act (March 17, 2016)



Question & answer session to follow

8:30 pm Coffee break

8:45 pm Meeting continues with question & answers and other surface right issues

9:15 pm Financial report and election of directors & officers for the coming year and directors meeting



---

Everyone is welcome, plan to attend & bring a friend  
For information, call Karl Zajes, President (780) 848-2508  
Dave Doze, Vice President (780) 682-2348

Next meeting - WPSRG Meeting July 12, 2016, 7:00 p.m.  
Plan to Attend & get informed now.  
2016 newsletters will be available to subscribers



## AREA RESIDENTS HEAR RISK POTENTIAL OF HYDROGEN SULPHIDE FROM NOTED M.D.

Independent Surface Rights Consultant, Oscar Steiner, arranged a Speaking Tour with two venues in our area; The Alberta Surface Rights Federation AGM Feb 25 at Camrose, and The Pembina Agricultural Protection Association meeting Feb 27 at Drayton Valley. The featured speaker was, Dr Kaye Kilburn, a Medical Doctor, who holds a Medical Chair at U.S.C.. He is the author of two books "Chemical Brain Injury" and "Endangered Brains", and is widely recognized for his research and expertise on the effects of chemical exposure, including Formaldehyde, Chlorine, Ammonia, and featured in this tour, Hydrogen Sulphide.

Hydrogen Sulphide is a heavier than air, toxic gas consisting of one sulphur and two hydrogen molecules, that when burned (flared) releases the hydrogen and combines with atmospheric oxygen to form, also toxic, Sulphur Dioxide, that reacts with water to form Sulphuric Acid, a major source of acid rain. Dr. Kilburn identified historical sources and it's acute effects, and then focused on the area of most concern to Albertans, Hydrogen Sulphide emitted by the Petroleum Industry in both the production and refining of Hydrocarbons.

Hydrogen Sulphide is a component of crude oil and natural gas all along the eastern slope of the Rocky Mountains from Mexico to the Arctic. Even so called "sweet" product usually contains some Hydrogen Sulphide, but below an arbitrary level set by regulators as "not of concern". Dr. Kilburn, a Neurologist, debates this "safe level" as being set too high, as it was set by physical symptoms and did not take into account the impairment in brain function. His research in this area has shown the effects lasting many years after a single acute exposure and, even more disturbing, similar impairment after long term exposure to sub toxic levels.

Such exposure will effect: balance, colour perception, muscle strength (particularly grip strength), loss of hearing, and loss of vision. Dr. Kilburn has devised a series of tests to evaluate the extent of such effects, which he then compares to unexposed populations. His data shows the equivalent of premature ageing by as much as 20 to 40 years!

Typical symptoms of exposure include: headache, nausea, fatigue, weakness, reduced recall memory, and lack of concentration. Prolonged or heavy exposure adds: coughing, shortness of breath, wheezing, mucousal burning, and skin irritations. Acute poisoning results in knockdown that requires immediate evacuation and resuscitation within 3 to 5 minutes along with supplemental oxygen to avoid severe irreversible brain damage. Physical recovery may be apparent but neurological symptoms may appear several hours to several days later. A link between Alzheimer's and M.S. is suspected, and further research of Hydrogen Sulphide and other Chemicals is indicated to establish a "causative" effect.

Emergency response zones and evacuation plans are inadequate due to the short duration of exposure necessary to cause problems -"Two breaths and your dead" says Dr. Kilburn! And sheltering in place is ineffective as most homes only allow a 30 second delay. Basements and other low lying areas are most vulnerable as Hydrogen Sulphide collects at the lowest point and may persist long after the source has been eliminated.

Safe levels are "well" below 1ppm and if you can smell it you're at risk. The only effective prevention is to isolate and quarantine the source

Submitted by Freelance Writer  
Dave Doze, of Westrose A.B..

# ANNUAL OPEN HOUSE



**Wednesday JUNE 8<sup>th</sup>, 2016**

5:00pm – 9:00pm

Peter Lougheed Community Centre, Rimbey

PRESENTATIONS ON

## **Noise on our Landscape Implications and Mitigation**

Doors Open 5:00pm BBQ begins 5:30pm

Presentations begin 6:30pm

Question & Answer Period to Follow

~Door Prize Draws~

*Displays with representatives from Oil and Gas companies,  
Regulatory bodies, RRSRG members, Farmer's Advocate office  
and MORE.*

**Contact** Rick Anderson 403-847-8086 email [rimbeysynergy@gmail.com](mailto:rimbeysynergy@gmail.com)