



Keeping the Community Informed

The companies operating in the Three Creeks area are committed to sharing information with the community and continue to address concerns about air quality, emissions and traffic.

Fall 2013

Shell Canada, Murphy Oil, Husky Energy, Baytex Energy and PennWest Exploration operate in the Three Creeks area and are committed to listening to their neighbours and addressing concerns about air quality, emissions and traffic. Representatives from these companies, as well as Tervita, have formed an Industry Steering Committee to provide direction and resources at the senior leadership level for the collective work of the companies involved in looking at how to improve air quality, reduce fugitive emissions and better control traffic.

Best Practices Working Group

Chair: Rick Ramsay, Baytex

Facilitator: David Hill

We are working to mitigate the impacts of bitumen production on the community and the environment. A list has been compiled of potential emission sources at all facilities, including trucking operations, and areas with noticeable odours. We will recommend adopting practices where it's practical to further eliminate emissions.

A review of trucking operations is underway, including:

- Techniques to minimize odours, especially during loading
- Strategies to deal with vacuum trucks, which are used during cleanouts of produced sand, from an oil storage tank.

We have been making a concerted effort to understand each other's operations, and looking into technology that exists to reduce emissions. We have begun the process of drafting best management practices in a number of areas, which we look forward to sharing with the wider community when they are finalized.

The group is also reviewing an analysis of traffic data conducted for the area and determining whether further traffic enforcement and surveillance is needed. The RCMP



has been asked to look at some of the information as well. We have recently made arrangements with the county to install speed-monitoring signs along county road 842. We have also developed a traffic brochure to be distributed to contractors hired by the working group companies, and arranged a clean-up schedule for the county road 842 .

As decisions are made regarding how to better mitigate emissions and traffic issues, we will let you know what steps are being taken.

Air Quality Working Group

Chair: Allison Fisher, Shell Canada

Facilitator: Karla Reesor

We are working to make real-time air monitoring data available online to the public. Maxxam Analytics, which manages on-site air monitoring equipment, is helping to organize the information in a manner similar to how it is presented by other airsheds or jointly-owned stations in the province. The aim is for the data to be made available and understandable by everybody, including the community. Once the information is available, details on how to access it will be provided on the County's web site, and in future editions of this newsletter.

The group is undertaking two air studies.

- In the Emissions Inventory Study, Clearstone Engineering will identify and quantify the emissions in the Three

Creeks area. We will then work with the Best Practices Working Group to recommend adopting practices, where it's practical to further eliminate emissions.

- In the Air Monitoring Data Review, consultants from Stantec are helping us analyze current and historical air quality monitoring information in the area, and will provide recommendations for improving the existing monitoring system.

An analyzer at one of the two air monitoring trailers was not functioning properly during the summer – repairs were made in June, August and September and it has been operating consistently since then. We continue to work with Maxxam Analytics to improve its reliability. We are investigating using another manufacturer or adding different equipment.

Multi-stakeholder Air Monitoring Subcommittee

Facilitator: Karla Reesor

The Subcommittee includes community members, as well as representatives from Northern Sunrise County, Alberta Environment and Sustainable Resource Development and Alberta Energy Regulator. During monthly teleconference calls the Subcommittee members have provided input to the Request for Proposals for the two air studies and participated in the decision-making for the award of the contracts. Participants also provided valuable perspectives on issues such as security at the air monitoring trailers, making air monitoring data available to the public and communicating with the community. The Subcommittee has been instrumental in the continual improvement of air monitoring in the Three Creeks area.

The mandate and participants of the Industry Steering Committee, Working Groups and Subcommittee is available on the County's web site.

PennWest
Exploration



BAYTEX
ENERGY CORP.

MURPHY
OIL CORPORATION

 **Husky Energy**

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