

**PARKLAND AIRSHED MANAGEMENT ZONE (PAMZ)
PUBLIC MEETING ON ISSUES IDENTIFICATION
& LOCATIONS FOR AIR QUALITY MONITORING
Innisfail Legion - May 19, 2010**

The purpose of the meeting was to solicit input from the public and other sectors to the PAMZ Issues Response Group (IRG):

- To identify air quality-related issues that PAMZ should be addressing
- To make recommendations on locations for the Martha Kostuch Portable Air Quality Monitoring (AQM) Station's use from January through December 2011

Seventeen participants participated in the meeting with representation from three of of PAMZ's four stakeholder groups; industry, government, non-government organizations (NGOs) and the public. A list of the meeting's participants that registered is attached.

The meeting began with a welcome and an overview of the agenda by the meeting's facilitator Rhonda King. Brian Goliss, the chair of the PAMZ Board of Directors then presented an introduction and a brief overview of PAMZ and the purpose of the meeting. The PAMZ Executive Director, Kevin Warren, then gave a brief presentation about the PAMZ AQM Program. Jennifer Lutz of the ERCB then explained the Issues Identification and Response Process with Kenneth Dahl, of Alberta Environment reviewing the guidelines for the use of the Martha Kostuch Portable AQM Station.

A round table brainstorming discussion was held to table the air quality-related issues of most concern to the participants and to identify possible locations for the Martha Kostuch Portable AQM Station that would provide air quality data to better understand the issues. It was explained by Kevin that the most likely scenario is that monitoring with the Peregrine Station in 2011 will occur at six different locations with two one-month periods for each location spaced approximately six months apart, to collect data under different seasonal conditions.

The issues identified in this discussion are summarized below:

Transportation

- Highway 2 Transportation Corridor (Vehicle Emissions)
- Fine Particulate Matter (PM_{2.5})
- Dust from Road Construction Activity
- Excessive Vehicle Idling
- Emissions from older or poorly tuned Vehicles
- Roadway Paving Emissions

Agriculture

- Chicken Farm Odours
- Herbicide Application
- Stubble & Brushpile Burning
- Odours from Silage Pits
- Composting Odours

Oil and Gas

- Emissions from Coalbed Methane Production

Human, Animal & Ecosystem Health

- Human Health & Air Quality

Other

- Emissions from Johns Mannville Plant (Innisfail)
- Odors from Purina Plant (Innisfail)
- Emissions associated with Proposed BioDiesel Plant (Niobe)
- Sewage Treatment Facilities
- Emissions from Industrial Parks (Red Deer)
- Elevated SO₂ in NE Zone
- Ground-level Ozone – “Natural” vs. Man-Made
- Ultrafine Particulate Matter (PM_{1.0})
- Urban Air Quality (Red Deer)
- Garbage Barrel Burning
- Plastic Off-Gassing in Motor Vehicles

All the issues identified above will be tabled at the August 11 Meeting of the PAMZ IRG for further discussion.

A number of monitoring locations that had been identified in the round table brainstorming session were listed on a separate chart. Each participant was then given four colored dots and asked to apply them to the sites where they wanted monitoring with no restriction on how they used the dots. The weighting results were then tabulated. The sites selected, in order of declining weighting, were:

Innisfail - Downwind of Johns Mannville Plant	15
Highway 2 Traffic Corridor - Vehicle Emissions	15
Jennifer Lutz's Farm - Chicken Farms & Silage	7
Calumet Area - SO ₂ in Northeast Zone	5
East of Innisfail - Stubble Burning	5
Innisfail - Within Town Limits	5
Innisfail - Downwind of Purina Plant	4
Red Deer - Edgar-Blindman Industrial Parks	2
Highway 11 - Highway 2 Overpass -Dust	1
Innisfail - Downwind of Auction Mart	1
Red Deer - Within City Limits	0
Caroline Gas Plant - Ground Level Ozone	0

Using the recommendations from the meeting and a review of the 2009-10 Alberta Environment, Alberta Energy Utilities Board, Sundre Petroleum Operators Group and Natural Resources Conservation Board's Complaint Records, the IRG will finalize its siting recommendations for the six Sites at its August 11 meeting and table them at the September PAMZ Board Meeting. Once the Board has approved the sites, the TWG will then finalize the schedule for Board approval at the November Board Meeting.

Thanks to all who attended and specifically to Rhonda King of Alberta Environment who, as usual, did a wonderful job as the meeting's facilitator.

REGISTERED ATTENDEE LIST

Jim	Ainslie	Public
Barry	Bennett	Agrium
Andrea	Brack	NRCB
Ken	Dahl	Alberta Environment
Brian	Goliss	Shell Canada
David	Helmer	Alberta Environment
Margo	Jacobs	ERCB
Rhonda	King	AENV
Andy	Lamb	Alberta Environment
Jennifer	Lutz	ERCB
Ron	McGinnis	Public
Jim	McKinley	NRCB
Dan	Richen	Alberta Health Services
MaryKay	Robert	Public
Monica	Rosevear	Rosevear Land Services
Al	Simcoe	West Fraser Mills
Kevin	Warren	Amarok Consulting