

2011-Sept-15 Minutes

Written by Chris on November 2nd, 2011

Meeting: Tuesday, Sept 15, 2011

Community Futures Offices – Boardroom 7:00 pm

Committee Members in Attendance:

Dieter Bogs, Chair, City of Trail

Mark Tinholt, Teck Trail Operations

Ron Joseph, Community Rep.

Graham Kenyon, Community Rep.

Jacque Johnson, Interior Health Authority
Authority

Jeannine Stefani, Interior Health

John Crozier, Councilor, Village of Warfield

Craig Adams, Community Rep.

Brad McCandlish, BC Ministry of Environment

Steve Hilts, Teck Metals Ltd.

Others in Attendance:

Bruce Enns, SNC-Lavalin Environment

Greg Belland, Teck Metals Ltd.

Fiona Mooney, Interim Program Manager
nection

Christina Pistner, Kootenay Skills Con-

Rachelle Vogel, Community Rep.
Rep.

Martin (Andy) David, Community

Mike Patterson, Community Rep.

MEETING MINUTES: Dated June 28, 2011 (approved) Craig Adams/Graham Kenyon-carried

Introduction of new Committee members

Jeannine Stefani replaces Jacque Johnson, Interior Health Authority

Mark Tinholt replaces Steve Hilts, Teck Trail Operations

Bruce Enns fills in for Andrea McCormick, SNC-Lavalin Environment, while she is on maternity leave

Fiona Mooney fills in for Ruth Beck as Program Manager while she is away for health reasons

New invitees include: Richard Deane, Teck Trail Operations; Rachelle Vogel, Community Rep.; Martin (Andy) Davis, Community Rep.

REPORTS

Air Quality – Mark Tinholt, Teck. Report attached.

Air Quality Program - reviewed report

Quarterly Lead levels at Butler Park continue to remain low (0.38 micrograms/m³) and are well below the BC objective for annual average (1.0) but have not reached the 2018 goal (0.2).

Arsenic levels continued their significant decrease since 2008 as a result of upgrades at Teck and are currently (0.009 micrograms/m³) below the 2018 goal (0.01).

Report on Lead in Dustfalls – continues to follow a seasonal cycle, with no apparent increase or decrease over the long term; note – Trail bridge measurements may be influenced by truck traffic; 11 stations are monitored for dustfall, 3 representative stations included in this report

Question: What about Tadanac Dustfall?

Answer: Tadanac concentrations are higher and will be included in future reports.

Question: How does dustfall concentration compare correlate with blood lead levels?

Answer: Since the Kivcet lead smelter started up in 1997, there has been an approximate 70% reduction of lead in ambient air and an approximate 50% reduction in lead in dustfalls. The only reliable correlation with blood lead was found to be with dustfall concentrations during the month prior to blood lead testing. (This would be good to recheck with this fall's blood lead clinics)

[MJT1] Question: What upgrades have taken place in the continuous dressing furnace and Refinery Scrubber Stack?

Answer: In the furnace, accretions were removed during shutdown and control of furnace is improved. In the Scrubber Stack, an agitator was installed on the Larox filter as well as other process changes that improved the scrubber by not over-loading it.[MJT2]

Fugitive Emissions Reduction Plan 2011 – Teck continues to pursue emissions reduction in three business areas: Roaster/Acid – improving housekeeping and baghouse performance; Lead Smelter - The first consultant report delivered in July re: fugitive dust emissions was rejected due to worker hygiene concerns. A second report was received Aug. 31st is being reviewed. There will be 6 units replaced in the Smelter baghouse in 2012; Lead Refinery – ongoing operational improvements to scrubber, Larox filter system performance, and a fall shutdown project for improvements in No. 2 and No. 4 pots.

Question: Are there spikes in emissions in Lead Smelter Baghouse? Is there a sampler there and what does it measure?

Answer: there is a continuous emission monitor that gives good indications of changes but doesn't give exact reading, stack testing is done quarterly and reported to Ministry of Environment.

Question: Is Teck sourcing a more complex measuring system?

Answer: Teck has a portable one that can be moved from stack to stack (not economical to have one for every stack); have tried to match a stack source to a community measuring station (fingerprinting) but haven't been able to due to complexity and variability of our site.

Question: Do any other plants have this type of measuring system?

Answer: most others have less if any, the ambient results speak greater volumes re: what is in the community; lead emission readings are weather influenced.

ACTION: Send photo of stack emissions taken in August to Richard - Dieter

Dust control, material storage and handling plan – details provided on improvements to road sweeping, spraying uncovered stockpiles, dust suppression using a fog machine: a plan is being developed to address generation of stockpiles; handling, segregation and mixing of stockpiles; recycle or sale of stockpile material, treatment requirements for recycle or sale: a new regenerative road sweeper can be used in winter and will start this Nov. to address dustfall spikes in winter

Question – is Trail road sweeper able to operate in winter?

ACTION – Don't know and will check into it - Dieter

Dust suppression – fogging machine is currently being installed to moisten stockpiles

Question: Is this reliable when there is a certain level of wind?

Answer: weather reports are monitored and if winds are predicted, action is taken

Xact Measurement – continuing to collect Xact data and site operating data to identify correlations

Question: What is schedule of reporting on the Fugitive Emissions Reduction?

Answer: every 6 months

Question: What training is given to operators re: how to reduce dust emissions?

Answer: dustfall awareness is in annual plan, awareness is increasing and is being addressed; challenge is to identify where the dustfall originates from

Update on Health Canada's Lead: State of Science report – Report states there is no evidence of a safe lead level, and that blood lead levels that are less than the current national average have been associated with increased risks of adverse effects. Graham commented that the accompanying Risk Management Strategy report is vague and hard to interpret. Health Canada has asked for comments on both reports by Sept. 26th – Steve and Graham will follow up. Neither of the draft public reports contain any new guidance with respect to testing and following up on blood lead levels – that is the subject of ongoing discussions between Health Canada and the Provincial/Territorial senior public health officials.

It's important to note that Teck has meet our targets since 2005 and we are being looked to as a resource and leader for communities that don't even have a lead program. We may need to adjust our programs to be even more effective. Dieter is meeting with MofE at upcoming UBCM in 2 weeks and

perhaps this can be brought to their attention.

ACTION: Submit comments on report from committee to Health Canada by Sept. 26th – Steve, Graham

Health Canada Air Quality Monitoring – received a letter re: their plans for air quality sampling between Sept. 2011 and March 2012 however little information is available on details

ACTION: committee to write a letter to Health Canada to get more information - Steve

Family Health:

Interior Health – Jacquie Johnson, Report attached

Fall Blood Lead Clinic – starts next week, invited 178 children, 56 are booked including 8 who were not invited. Advertised in Fall Newsletter that went out last week. Posters are available for distribution.

Point of Care: this will be tested at upcoming clinic and a trial will be run to determine accuracy of new finger poke machine, have confirmed 49 participants for the trial (a minimum of 20 were needed for valid trial)

Park & Wildlands: Verbal report provided by Dieter Bogs

Some testing has been done and there are some issues with how the results are reported which will be corrected and reported on at an upcoming meeting.

Home & Garden: Community Program Office – Bruce Enns, SNC Lavalin Environment

Report reviewed (see attached).

Garden and Yard Assessment – 53 gardens and 65 yards assessed to date in 2011

Garden and Yard Remediation – 15 full yards and 12 gardens to date in 2011

Home Renovation Support – 71 to date in 2011

Case Management – 2 properties to date in 2011

Radon test kits now available at Community Program Office, suggested donation of \$15, should be kept in basement of home for 3-12 months, can be returned by mail to lab or dropped off at the office to be forwarded.

ACTION: prepare documentation on distributing and collecting test kits - Bruce

Property Development: Dieter Bogs

A presentation on a community remediation plan for future developments will be given at UBCM in 2

weeks and will be brought to this committee in November.

Graham brought a discussion paper he co-authored with David Parker in 1978, Environmental Protection: Balancing Environmental, Social and Economic Goals for consideration by committee

ACTION: Circulate a scanned copy of paper to committee with background information from Graham – Chris, Graham

Program Planning and Operations: Fiona Mooney, Interim Program Manager

Reviewed report (attached)

Family Action Days: reviewed survey results – 131 completed, 3 main themes emerged:

1. More education and activities groups
2. More daycare spots needed and better/more regional transportation
3. We need a coordinated way to approach/access services

Overall, very positive comments on Trail being a great community

Biggest Barriers: cost of programs, lack of transportation, limited hours of access to facilities

Next meeting will be Nov. 1st with a presentation by a group from Revelstoke, the committee will support this.

Community Newsletter: Fall Newsletter went out Sept 12th to households in Trail, Warfield, Rivervale and Oasis with info on Blood Lead Clinics, Point of Care testing, Radon kits and past events in 2011.

Website revamp: first design proof has gone out, still expect launch Feb. 2012

Note: current thec.ca website doesn't have up to date info

ACTION: upload current info to thec.ca - Chris

Executive Committee: Fiona provided a verbal report.

Recruitment of new members on THEC

Welcome to new community members present tonight.

NEXT MEETING

Tuesday, November 22nd, 2011 – note location change to Community Futures Boardroom, 825 Spokane St., Trail