

2011-Nov 22-Minutes

Written by admin on March 22nd, 2012

MINUTES - final

Meeting: Tuesday, Nov 22, 2011

Community Futures Offices – Boardroom

7:00 pm

Committee Members in Attendance:

Dieter Bogs, Chair, City of Trail Mark Tinholt, Teck Trail Operations

Brad McCandlish, BC Ministry of Environment Graham Kenyon, Community Rep.

Jacque Johnson, Interior Health Authority Jeannine Stefani, Interior Health Authority

John Crozier, Councilor, Village of Warfield Craig Adams, Community Rep.

Steve Hilts, Teck Metals Ltd. (by phone)

Others in Attendance:

Bruce Enns, SNC-Lavalin Environment Richard Deane, Teck Metals Ltd.

Valerie Pitman, Interior Health Authority Barb Cole, Interior Health Authority

Fiona Mooney, Interim Program Manager Christina Pistner, Inside Job Consulting

Clare North, Teck Trail Operations

MEETING MINUTES: Dated Sept 22, 2011 (approved) Graham Kenyon/Mark Tinholt-carried

REPORTS

Family Health:

Interior Health – Jacque Johnson, Report attached

Fall Blood Lead Clinic Results

- targeted age range was 6-36 months

- Area 2 = Glenmerry, Shavers Bench, Sunningdale

- Area 3= E. Trail, W. Trail, Tadanac, Rivervale: populations are stable in these areas

- the 2015 goal is to have 95% of children tested below 10 microg/dL

Fall Blood Pb Clinic 2011 2010 Geometric Mean 2011 2010 % of total participants 2011 2010

Total (Areas 2&3) Total (microg/dL) 5.0 4.9 At /above 10 microg/dL 8% 12%

Invited 157 153 Area 2 4.2 3.9 At /above 15 microg/dL 1% 1%

Tested 106 91 Area 3 5.5 5.7 At /above 20 microg/dL 0% 0%

Participation Rate 68% 59%

Discussion-the results have been virtually flat for the last 5 years,

-if we want to see any more significant changes, we need to do things differently

-fugitive dust is an important factor and Teck will provide an aggressive action plan over next 12 months

-need to continue to work with families of children 0-60 months of age (i.e. early childhood education/support and health promotion programs)

Question-are there any trends in Torreon, Mexico over the last few years? Their avg. has been dropping for the last 9 yrs from 22 microg/dL to somewhere between 5 and 6

Question- how are ambient Pb levels in August related to Sept. testing? Testing happens in Sept. as it falls after the summer months when children have the highest traffic between indoors and out.

Question – can we expect that 5.0 microg/dL is the best we can hope for given results in other cities

with a primary Pb smelter? No, we can do better, based on the low levels we saw in previous years due to production decreases from shutdowns and strikes. There are opportunities for change especially with fugitive dust.

-we need to focus on health promotion such as targeting specific ages, earlier intervention and general education (this could be done through Family Action Days and Success by 6 action plans.)

Discussion-we need to be careful not to focus only on the 6-36 month age group, and not only on Pb; all children are affected; we need to be proactive rather than reactive

Point of Care: Was completed at fall blood lead clinics and data sent to Dr. M. Stefanelli in Kamloops for interpretation and recommendation re: accuracy; Jacquie and Jeannine will take these recommendations to Dr. Larder (Sr. Medical Health officer) for discussion re: use of machine locally and social implications; Following this meeting, they would like to meet with Steve and Nelson Ames; All those who participated in the trial received a \$50 grocery certificate; There were 11 additional winners of \$25 gift certificates whose names were drawn from all those who participated in the clinic.

Air Quality – Mark Tinholt, Teck. Report attached.

Air Quality Program - reviewed report

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

Arsenic levels continue to be low; the 2011 average of 0.011 µg/ m³ is approaching the 2018 goal (0.01)

Report on Lead in Dustfalls – continues to follow a seasonal cycle that has not changed significantly during the reporting period

Dust levels in Tadanac show high spikes in winter months which may be due to no winter street sweeping program because of freezing conditions. Tecks new street sweeper can now do street sweeping in winter.

Update on Health Canada's Lead: State of Science report – letter drafted by Steve and Graham was sent and an email received acknowledging receipt.

Health Canada Air Quality Monitoring – a letter was sent to Health Canada.

Park & Wildlands: Verbal report provided by Dieter Bogs

Some testing has been done and there are some issues with some of the results which will be reviewed 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 – 73 gardens and 93 yards assessed in 2011

Garden and Yard Remediation – 21 full yards and 19 gardens to date in 2011

Question – when do we start to retest remediated yards – we have only done one year of data so we need a few more years of data to establish trends, since there is analytical variability.

Question-how is yard and garden sampling determined? Both by owner request and by targeting specific areas that may be suspect.

Home Renovation Support – 87 to date in 2011, up from 70 in 2010

Case Management – 2 properties dealt with in 2011, 10 more identified in Fall Blood Lead clinic

Radon test kits – 30 given out and 26 have made a monetary donation

Property Development: Dieter Bogs

no update

ACTION – Follow up on request that THEC could review/support provincial legislative amendments -

Brad

Program Planning and Operations: Fiona Mooney, Interim Program Manager

Reviewed report (attached)

Family Action Days:

Nov. 1st presentation by a group from Revelstoke was postponed until the New Year. Fiona is working with Sonia Tavares at Success by 6 to set up a local meeting to maintain momentum around the action plans developed in the spring

Website revamp: still expect launch Feb. 2012

“Thinking of Moving to Trail” Brochure – draft copies distributed to attendees, Fiona will be asking for feedback

5 Year Plan – previously done annually and will now become part of the Wide Area Remediation Plan that can be submitted to MOE for review, prior to the legislative amendments.

-a working group consisting of Mark, Steve, Brad, Jeannine, Graham and Fiona (facilitator) will meet in Dec or Jan; a skeleton plan will be available at the next committee meeting

At the Sept meeting, 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 – Graham asked that this document be considered at this working group meeting and also by Teck members on the committee

Executive Committee: Fiona provided a verbal report.

Annable Groundwater Work Plan –Clare North, Environmental Projects Coor., Teck Trail Operations

- Teck has now completed the first phase of the work plan investigating elevated levels of ammonia in the

Silver Street area of Annable. In the fall of 2010, groundwater with elevated ammonia levels was encountered during a sewer pipe excavation on Silver Street.

- Based on the findings, there is no indication of risk to human health. The groundwater is not a source of

municipal drinking water. This is believed to be a legacy issue associated with historical operations.

- When made aware of the elevated levels, Teck immediately retained an environmental consultant (Golder Associates) to undertake an environmental investigation with the following scope:

- o Conduct a preliminary soil vapour investigation;

- o Delineate the extent of contaminated groundwater; and,

- o Assess the potential impacts to Trail Creek.

- The first phase of the work plan identified:

- o Soil vapour samples that were below detection limit and applicable standard for ammonia, and demonstrated no indication of risk to human health;

- o Elevated levels of ammonia and other fertilizer constituents (e.g. sulphate, phosphorus) were present in the groundwater within a one-block radius of Silver Street.

- o Levels of ammonia for all water samples from Trail Creek are within the applicable guidelines;

- o The elevated levels are most likely a legacy issue caused by historical operations in the fertilizer plant;

- o Elevated levels of cadmium and zinc were measured in all samples collected from Trail Creek, both upstream and downstream of the entrance of Haley Creek, where additional

elevated levels were measured. A former landfill at Trail Fertilizer Operations likely contributes to these elevated levels via Haley Creek.

- Teck has provided Notification of Likely or Actual Offsite Migration to those landowners in the Silver Street area, in accordance with the provincial Contaminated Sites Regulation.

- Teck Trail Operations is continuing its investigation and plan for mitigation. Our next phase will include:

- o Additional sampling of groundwater, surface water, soil vapour and storm sewers to confirm initial results and evaluate seasonal variability;

- o Development of remediation options to address impacted groundwater;
 - o An environmental investigation of the former landfill at Trail Fertilizer Operations and development of remediation options to address impacts to Haley Creek.
- Teck is committed to working with any potentially affected landowners to resolve this issue.

Other Ongoing Groundwater Assessment

- During the Trail Operations Ecological Risk Assessment in 2001, Teck discovered increased concentrations of ammonia, sulphate and several metals in the groundwater beneath the southeast corner of Trail Operations. The substances are believed to have originated from historical operations.
- In cooperation with the BC Ministry of Environment and Environment Canada, Teck is developing a remediation plan to address migration of contaminated groundwater to the Columbia River.

NEXT MEETING

Tuesday, February 28, 2012 – location to be determined