



Trail Area Health & Environment Committee

Minutes

Meeting: Tuesday, April 18, 2017 7:00 p.m.
City of Trail Committee Room, Spokane St. Entrance

Committee Members:

Mike Martin, Chair, City of Trail
Alternate: Councillor Lisa Pasin
Dawn Tomlin, Interior Health
Shane Ferraro, Councillor, Village of Warfield
Mark Tinholt, Teck Trail Operations

Mike Adams, Interior Health
Ron Joseph, Community Rep.
Marylynn Rakuson, Community Rep.
Linda Worley, Director, RDKB Area B
Jeannine Stefani, Interior Health

Invitees:

Andrea McCormick, SNC-Lavalin Inc
Cindy Hall, SNC-Lavalin Inc.
Bruce Enns, SNC-Lavalin Inc.
Liz Anderson, SNC-Lavalin Inc.
Ruth Beck, Circle B Services

Thompson Hickey, Teck Trail Operations
Dan Bouillon, Teck Trail Operations
Catherine Adair, Teck Trail Operations
Frances Maika, VOX Communications

MEETING MINUTES: Dated February 7, 2017

Approve the minutes from February 7, 2017; with no errors or omissions and no comments, the minutes were accepted as circulated.

PRESENTATIONS, REPORTS, DISCUSSIONS & RECOMMENDATIONS

Presentations:

Public Consultation 2016 Results – VOX Communications and Program Manager

Frances Maika, VOX Communications, presented the THEP Consultation Report and noted that any feedback is still welcome and appreciated as the document is still draft. The report will be finalized in 2 weeks and will be on the website by the time the media release goes out.

Infographic

Ruth spoke about the draft infographic document, a two page graphic presentation of the consultation input highlights. She added that feedback is welcome. The infographic will be included in the Spring newsletter package as a part of our accountability to the public. The front page shares the proposed goals and the second page is “what we heard”. We want to let Trail area residents know that we heard their views and we value their input.

Marylynn requested something simple to be put in the middle (blue) box on page 2 that shows how we compare to other communities regarding air quality. Ruth and Mark will look into how to do that. Jeannine pointed out a correction: change ‘Planned Parenthood’ to ‘Prenatal classes’.

Follow-up Steps

- 1) Post-Consultation Survey

During the consultation, some respondents indicated they would be interested in
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receiving follow-up. We will ask them three questions: How easy was it to participate and give input? Is there anything else to add? Would you participate again?

- 2) Communicate to the community – consultation highlights and our follow-up
 - a. Infographic
 - b. Continuing to connect with other organizations
 - Communities in Bloom (for example)
 - We can also utilize the Community and Families Working Group to consider and propose a thorough follow-up strategy

Thompson complimented the consultation and suggested that the comments from the second page of the infographic should be easily accessible on the website. THEP.ca can be a hub for information to provide a forum for answering questions raised during the consultation. Mayor Martin supports Thompson's comments and added that we should provide a more precise link to the information on the website on the infographic. Mike added kudos for the infographic as it grabs attention.

Internal Evaluation

Frances shared an evaluation form to each meeting attendee and the THEC members, Program Team and invited guests had the opportunity to provide evaluative comments on paper.

Review of the Draft Program Goals

Mark and Ruth presented the Draft THEC 2020 Goals and Protocols Recommended for Approval; these goals represent continuous improvement and will guide our actions moving forward. Ruth pointed out that the THEC approved the draft goals at the Winter Workshop in February, 2016, and that she and Mark added two program 'protocols' regarding the soil testing and remediation programs to ensure that we canvassed the community on its views on our soils programs. Ruth added that we received feedback at the consultation Focus Group last October that we should have consulted on the goal to have 95% of children's blood lead levels under 10µg/dL.

Discussion took place regarding how we chose the 95% rate of participation for the Healthy Home program. It was agreed that we will change the goal wording to say 'identified eligible' families for the Healthy Families Healthy Homes participation goal. Cindy and Jeannine clarified that they are comfortable with aiming for that participation goal and that we can always re-evaluate in the future. Jeannine noted that, over time, that high rate of uptake is challenging for kids that are the second or third child in a family. Mark clarified that as the family already had the visit for their first child, they *have* participated. Ruth suggested we evaluate annually for this goal. Dawn agreed and suggested we could take out "each year" as they may have had a visit already for an older child.

Mike requested that the list of proposed goals be re-ordered: #5 becomes #3, #3 becomes #4, and #4 becomes #5

It was noted that the soil assessment protocol should specify that it's for Trail and Rivervale; this can be added as a footnote. Discussion took place about the prioritization of soil assessments

and it was pointed out that the priority isn't clear for someone who doesn't have young children and doesn't garden. It was agreed that this protocol will be stated using bullet points and specify that requests from the community for general yard sampling are prioritized last. Andrea clarified that residents requesting general yard soil testing who live closer to the smelter are given priority over general requests for properties further away from the smelter.

ACTION: Ruth to re-write the statement as described above.

Regarding the remediation protocol:

Mark shared that the MoE soil standards are changing in November and the Blood Lead Reduction Working Group (BLRWG) is underway to decide what our program's new action levels will be. Discussion took place and it was agreed that we will use the following statement: "Future action levels may change in consideration of provincial regulatory standards and recommendations from the BLRWG".

Mark also noted that the soil action levels change on an ongoing basis as they are dependent on government regulators, whereas there are no provincial regulations for lead or arsenic in the air, so we set our own 5 year goals.

MOTION: Ron moved to approve the program goals and protocols with the following changes:

- 1) To include "identified families" and remove "each year" in the participation goals:
 - a. To have minimum of 75% of children aged 6 months to 36 months from 'identified families' in Trail and Rivervale participate in voluntary blood lead testing clinics.
 - b. To have at least 95% participation of identified families in the voluntary Healthy Families Healthy Homes Program.
- 2) Re-number the order of the goals
- 3) Clearly state the prioritization cascade for soil assessment so that it is clear for all property owners.
- 4) Encompass all provincial regulators in the soil remediation protocol.

Marylynn seconded the motion; all members in favour; carried.

Mike commented that this was a great discussion, members provided incredible input.

Media Release

Ruth presented the draft media release. Catherine suggested that we send out the media release once the Consultation Report has been finalized (in approximately 2 weeks); the members agreed. Marylynn pointed out that the media release should be modified to say that the report is available.

Ron questioned the quote from Dan Bouillon in the media release stating that fugitive dust reduction has the "greatest" impact on further improving air quality in our community. Dan requested that his quote be amended to say "...a great impact on further improving air quality..."

Ruth will add the precise website link for consultation information, amend the release date of the media release, and align it with the date when consultation information will be available on our website.

MOTION: Ron motioned to approve the media release with the noted corrections to the dates and Dan’s quote, and to set the release to coincide with the finalization of the Consultation Report. Linda seconded the motion. Carried.

Programming Recommendations – THEP Program Team & CFWG

Ruth presented the programming recommendations:

- 1) *Offer a Healthy Renovation visit to participating Healthy Homes families planning or doing renovations*

It has been identified as an opportunity to be pro-active with our client group. Often, the parent in charge of the renovation is not the one we meet with during the Healthy Home visit and that there is already a lot of information imparted during a Healthy Home visit so that adding information on lead-safe renovation would not be practical. Providing a visit specific to renovators allows for the time to focus on lead-safe renovations and prevent families’ exposure to lead dust (we see indications that renovations contribute to lead exposure). Bruce explained that these visits can be tracked similarly to the Healthy Home visits in the Home & Garden Program database. Andrea clarified that these visits are strictly offered to Healthy Family Healthy Home clients, and Mark clarified that this specific Healthy Renovation visit is offered only where we know a renovation is occurring or planned.

Jeannine commented that the Healthy Family visit as an opportunity for identifying families.

- 2) *Offer house cleaning services to families receiving Case Management – on a case-by-case basis*

This service will be offered when we identify a combination of visible dust and clutter in the home and a family that doesn’t have the capacity to cope with the dust within the time frame of the child’s early years. Cindy clarified that there are many circumstances and each family is different, so we assess on a case-by-case basis. Cindy clarified that, for this year, we have budgeted for 10 families (2 post-renovation cleanings and 8 for regular bi-weekly housekeeping); this would aid 10 families out of the 14 identified case management families – a significant number. Ruth clarified that the term “Lower Columbia” refers to Greater Trail.

Dawn noted a correction needed: the age number of children who can qualify as Case Management; we do have some CM families with children over 36 months.

- 3) *Radio Ad Recommendation 1*

Retain and continue the THEP’s radio ad program and acknowledge the campaign’s focus on healthy habits.

- 4) *Radio Ad Recommendation 2*

To review the radio ads program annually before the beginning of each year’s campaign.

- a. This year we are tweaking the nutrition ad and adding a thank you ad for the consultation.

MOTION: Lisa motioned to approve the four listed recommendations; Mark seconded; with none opposed; carried.

Community Check-in

Nothing raised.

Program Reports & Issues Arising:

Air Quality - Teck Trail Operations & AQTWG Report

Note: Marylynn Rakuson would like to be invited to the next AQTWG meeting.

Mark presented the Teck report and highlighted for the first quarter of 2017, the ambient lead and arsenic numbers are higher than the last quarter of 2016, but still below the 2018 air quality goals. Mark noted that we had favourable weather, but that we also see this as a promising result of the Smelter Recycle Building commissioning; this is ongoing good news. Mike commended the results: a very nice trend. Marylynn added her compliments as well.

Ron reported that the AQTWG meeting went overtime and there will be another meeting to get through the agenda; we'll provide a more detailed update in June. The next AQTWG meeting will be some time in May. THEC members are welcome to attend; if anyone would like a briefing on SO₂, please contact Mark.

Family Health - Interior Health

Jeannine presented the report and highlighted the winter clinic results: there are no new case management children; 10 of the 14 current case management children attended the clinic and all of them had lower blood lead levels.

Home & Garden/Program Office – SNC-Lavalin Inc.

Cindy highlighted the upcoming Trail Market Family Zone. The Success by 6 Partnership is keen to be involved and it's a great opportunity to connect with families. The Home & Garden Team will support the Family Zone by providing logistical support.

Andrea spoke about the soils program and mentioned that the weather has impeded the start-up this Spring. Thompson asked how many properties will be remediated this year and Andrea replied that we will work on approximately 50. Andrea added that we would like to shift to more full-yard work and provide conditioning where metals are low (rather than offer yard improvement).

Bruce spoke about soil assessment and noted that the Program Office is in the process of hiring a new soil assessment technician.

Program Manager – Circle B Services Consulting

No additional comments; see the reports of the working groups Ruth has been supporting.

Executive Committee

Mike offered a verbal update from the Executive Committee.

Ron raised a question regarding whether the smoke deposition easement on property titles defines an area of special designation. Mark and Mike agreed that this falls outside of the auspices of the THEC.

Ruth provided a verbal update regarding the IH/BCCDC research project on the THEP. The Blood Lead Reduction Working Group (BLRWG) will interface with the researchers and will likely hold an all day workshop in June. All THEC members are invited though not required to attend. The workshop will be segmented by topic and it is possible that members may wish to join the workshop for certain parts. Mark added that it will be a good opportunity to provide the researchers with information on our Program and collaborate with them. We don't know the exact scope of the research as of yet, nor how long it will take. Ruth added that the researchers have requested a lot of data and it will take time to gather it, then it needs to be analysed; then recommendations will be formed. Thompson cautioned the THEC: don't underestimate the time and effort the research may demand of the participants. It is recommended that we clarify the scope and time needed ahead of time. Dan added that this is a great Program; don't let research demands derail that. Ruth pointed out that Dr. Ames and Steve Hilts can provide some perspective and we're hoping they will attend the workshop. Ruth noted that we need to emphasize that our Program aims to reduce children's blood lead levels and support children's healthy development; this direction is supported in the research with the Port Pirie longitudinal study (2014). The current aim is to hold the workshop in June.

Ruth spoke about the Canadian Health Measures Survey; Trail is one of 16 communities participating and there will be 500 participants from the area. The survey will include blood lead level checking and tests for arsenic and thallium in urine.

Ruth shared that Donna Haga (a MoE meteorologist in Cranbrook) has been involved in the SO₂ meetings and we would like to officially invite Donna to participate in our THEC meetings when we're talking about SO₂ (especially the June meeting and going forward). Mike added that she has greatly contributed to the discussion.

Ron offered to pen a request as the Chair of the AQTWG; it was agreed that the Chair of AQTWG and the Chair of the THEC will co-sign the request. Dan commented that it is great to have some regulatory presence and great for them to also see what we are doing. Ruth added that Donna is aware of the SO₂ communications issues and has a lot of knowledge of other agencies as well; it is great that she is willing to work with the THEC. Marylynn likes that she's from a rural area and has a different perspective than someone from the city.

Mike extended a thank-you to Frances for all the work she did on the consultation and added that he is looking forward to seeing the Consultation Report finalized. Any feedback on the Report can be sent to Ruth in the next week.

NEXT MEETING

Tuesday, June 27, 2017



TRAIL AREA
Health & Environment Program

Draft Goals and Protocols
Recommended for Approval
To the Trail Area Health & Environment Committee
April 18, 2017

Draft goals & protocols for review

Introduction to the Goals & Protocols

- *These are our new goals – the goals to guide us to 2020. They represent new steps in our history of continuous improvement.*
- *There are 7 draft goals, all of which were approved at the 2016 THEC Winter Workshop*

Draft goals & protocols for review 2

Introduction to the Goals & Protocols

- *We added 2 “program protocols” to the list of “goals” during the public consultation to get more public feedback on soil testing and remediation*

Draft goals & protocols for review 3

Goals related to Family Health

- To have an average blood lead level of **3.5 µg/dL** for children aged 6 months to 36 months in Trail and Rivervale by 2020
- To have at least **95%** of children aged 6 months to 36 months in Trail and Rivervale with blood lead levels below 10 µg/dL by 2020

Draft goals & protocols for review 4

Goals related to Family Health

- To have a minimum of **75%** of children aged 6 months to 36 months in Trail and Rivervale participate in voluntary blood lead testing clinics each year

Draft goals & protocols for review

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Goals related to Air Quality

- To have an annual average of lead in community air of **0.20 $\mu\text{g}/\text{m}^3$** or lower by **2018 with continuous improvement to 2020;**
- To have an annual average of arsenic in community air of **0.01 $\mu\text{g}/\text{m}^3$** or lower by **2018 with continuous improvement to 2020;**

Draft goals & protocols for review

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Goals related to Home & Garden

- To have **continuous improvement in the number** of home renovators in Trail and Rivervale, and renovators of pre-1976 homes throughout Greater Trail using the Lead Safe Renovation Program;
- To have at least **95%** participation of eligible families in the voluntary Healthy Families Healthy Homes Program each year.

Draft goals & protocols for review

7

Protocols related to Home & Garden

- To **continue to prioritize for soil assessment** expectant families and families with young children, residents requesting vegetable garden testing, and residents of identified city blocks close to the smelter where soil levels may exceed remediation Action Levels.

Draft goals & protocols for review

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Protocols related to Home & Garden

- To conduct soil removal and replacement for yards where lead levels exceed the **Action Level of 4,000 ppm**, and for vegetable gardens, an **Action Level of 1,000 ppm**.

Future Action Levels may change in consideration of changes in BC Ministry of Environment standards or recommendations from the Blood Lead Objectives Working Group.

Draft goals & protocols for review

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Thank-You!



Draft goals & protocols for review

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Programming Recommendations

Program Team (2) - Home & Garden Program including how the H& G program supports Case Management

Community & Family Working Group (2) - radio ads

Costs related to all the recommendations would come from within existing budgets

Draft recommendations for review 2

H&G #1: Healthy Renovation Visit

RECOMMENDATION 1: To offer a Healthy Renovation visit to Healthy Homes program families who are planning or doing home renovations

WHY: We want more renovators to use lead safe practices. Families with young children are an important target audience. We already have a relationship with these families through Healthy Homes and/but it's often a different parent who's taking the main responsibility for the renovation. This allows us to be more pro-active with a key group of renovators.

Draft recommendations for review 3

H&G #1: Healthy Renovation Visit

WHO QUALIFIES: Healthy Homes (HH) families and Case Management (CM) families planning/doing home renos.

WHERE: Trail & Rivervale for HH; CM in Lower Columbia

HOW: We will identify families via HH, CM &/or Lead Safe Renovation contacts. We'll customize the renovation supports from within the list of free supplies we provide. Opportunity to show our How-To videos and deliver the supplies and equipment loans.

Draft recommendations for review 4

H&G #2: Housecleaning Options for Case Management Families

RECOMMENDATION 2: To offer house cleaning services to families receiving Case Management as warranted in specific circumstances based on approved criteria

WHY: Indoor house dust is the dominant source of lead exposure for young children in the Trail area. A notable proportion of CM families have visible dust and clutter, recent renos or other circumstances where house cleaning support would reduce exposure to dust.

Draft recommendations for review 5

H&G #2: House Cleaning

WHO QUALIFIES: Case Management (CM) families, especially repeat CM with visible dust/clutter, recent renos, or specific circumstances that create a perceived need.

WHERE: Lower Columbia

HOW: Family cases are identified by children's blood lead results. Within the list, specific cases are reviewed by the Program Team, including families where there's a perceived need for house cleaning. It will be offered as a one-time deep clean (incl. post renovation) and/or as regular bi-weekly cleaning for up to one year. Annual review.

Draft recommendations for review 6

CFWG: Radio Ads Program

RECOMMENDATION 1: To retain and continue the THEP's radio ad program and acknowledge the campaign's focus on healthy habits

RECOMMENDATION 2: To review the radio ads program annually before the beginning of each year's campaign

WHY: Upon review, the Working Group supports the radio ads as part of the THEP's multi-pronged outreach and education program. Public consultation input requested broader THEP outreach and information. The ads are worded to promote healthy habits relevant to the THEP mandate that would apply in any community.

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Thank-You!



Draft recommendations for review

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April 18, 2017

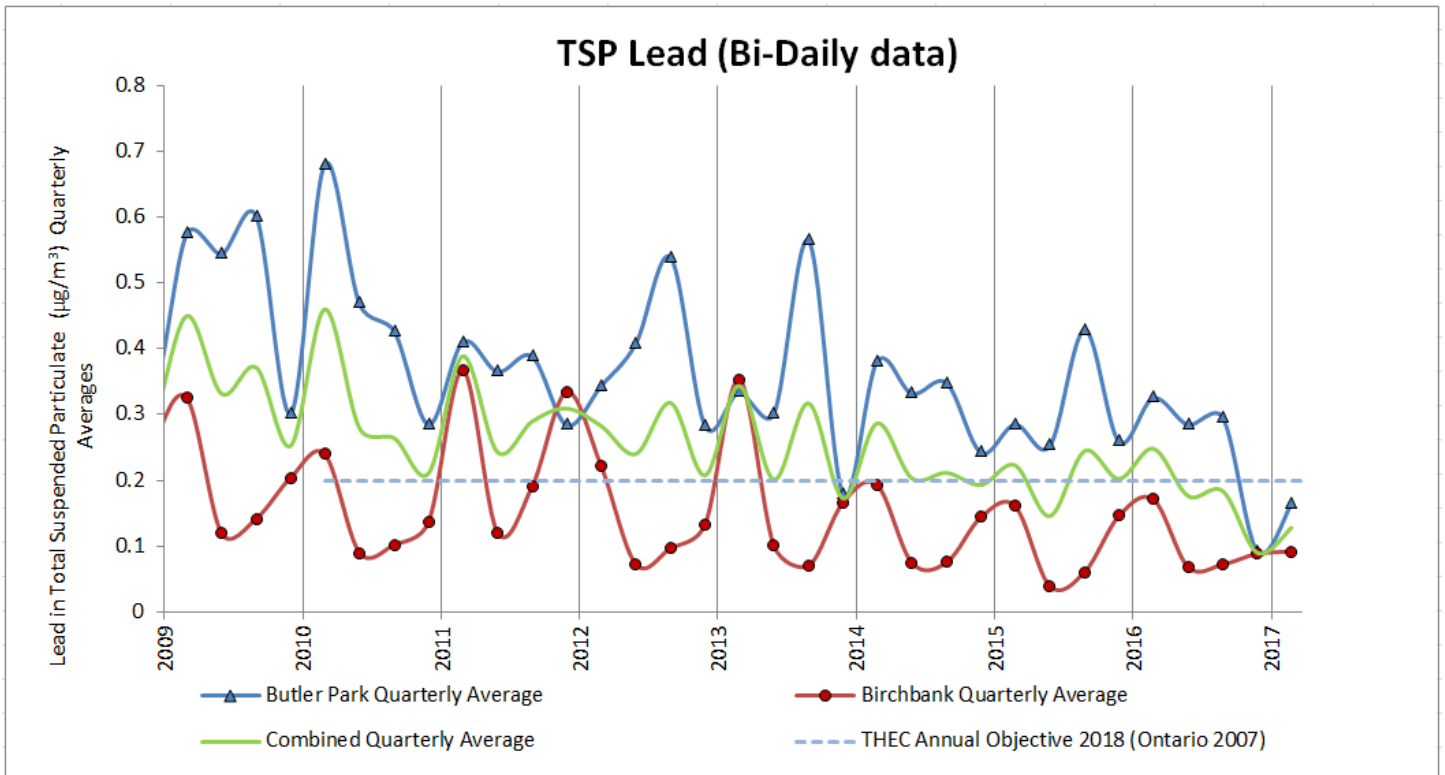
RECENT HIGHLIGHTS

1. Lead in Air:

- The last quarter of 2016 and first quarter of 2017 have both been below the THEC goal set for an annual average. The first quarter for 2017 was the second lowest ever average for lead in air at the Butler Park station, following the lowest ever average in the fourth quarter of 2016.

Details:

The chart shows quarterly averages for Lead in air (measured in Total Suspended Particulate) for Butler Park (dark blue), Birchbank (red), in comparison to the 2018 THEC Air Quality Objective (dashed line). The green line is the average of the two. Quarterly averages for Lead in ambient air are expected to have some variability due to season, weather, predominant wind direction and operational variance. The averages for the fourth quarter of 2016 at Butler Park ($0.09 \mu\text{g}/\text{m}^3$) and first quarter of 2017 ($0.16 \mu\text{g}/\text{m}^3$) were very low – and below the 2018 goal. Birchbank has also remained lower than is typical in winter when winds are generally directed to the North. This success could be due to the commissioning of the Smelter Recycle Building, however other factors such as favorable weather may have also played a role, and it is too soon to draw conclusions about the effectiveness of the SRB.

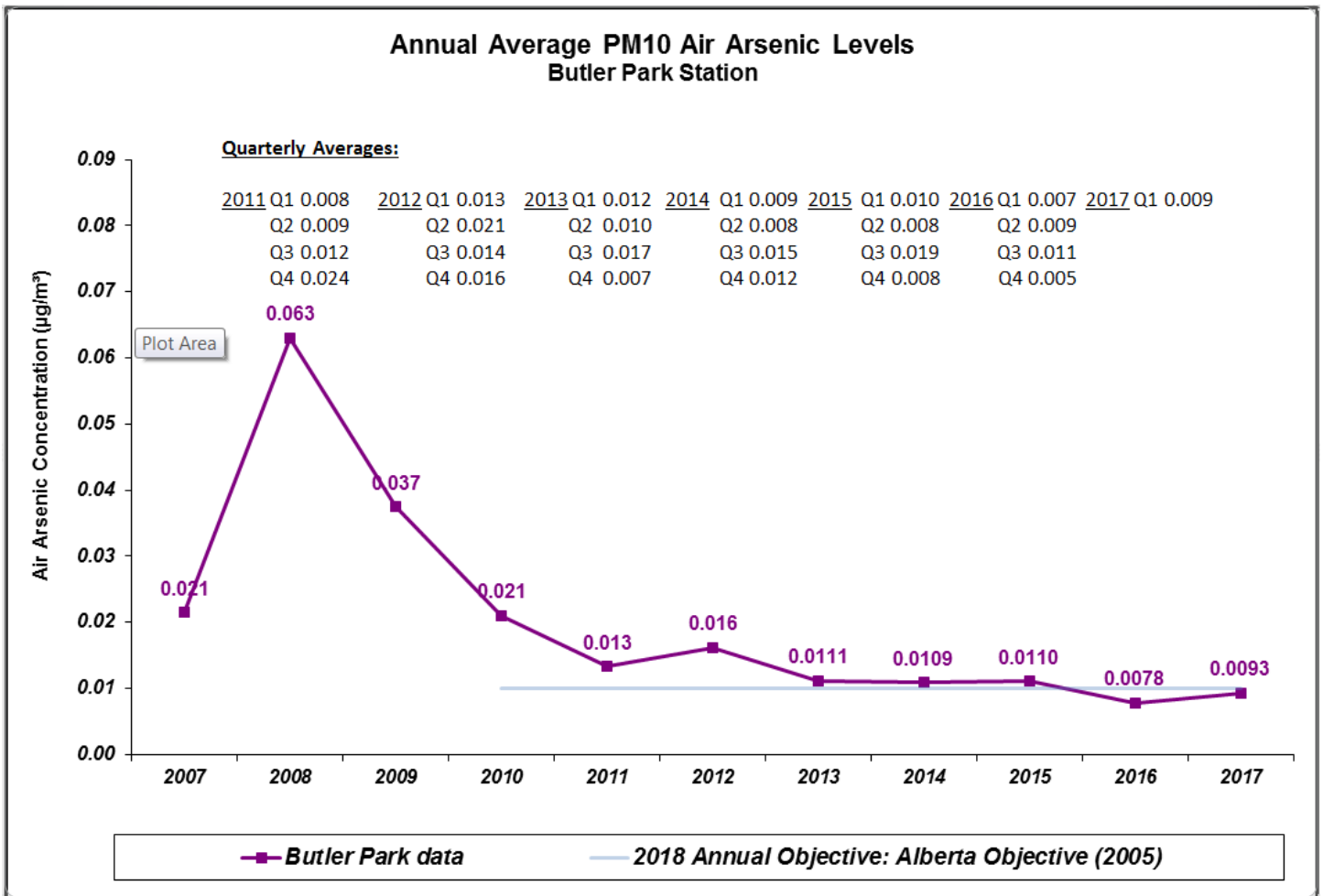


2. Arsenic in Air:

- The average for the first quarter of 2017 remains lower than the THEC 2018 objective, which was first achieved in 2016. The annual average for arsenic in air in was the lowest ever annual average for arsenic in community air at Butler Park.

Details:

The chart shows the annual average for Arsenic in air (measured as inhalable PM₁₀ fraction) for Butler Park (purple) in comparison to the 2018 THEC Air Quality Objective (blue line). Improvements between 2008 and 2011 appear to be the result of maintenance of the Continuous Drossing Furnace and Refinery Scrubber Stack. The 2016 annual average was 0.0078 µg/m³, lower than the objective of 0.01 µg/m³, and the lowest ever annual average for arsenic in community air using the current monitoring locations. The average for the first quarter of 2017 at Butler Park (0.009 µg/m³) remains lower than the THEC objective of 0.01 µg/m³.





April 18, 2017

RECENT HIGHLIGHTS

1. February 20th and 21st, 2017 blood lead clinics
2. Fall 2017 Blood Lead Clinic tentative dates
3. Healthy Family Visits
4. Community Outreach

ADDITIONAL DETAILS

1. February 20th and 21st, 2017 blood lead clinics
 - 45 children invited
 - 30 children attended
 - 9 unable to attend, 2 no show, 4 not interested
 - No new Case Management
 - 1 repeat Case Management
 - All Case Management children that attended (10 out of 14) had blood lead results were lower
2. Fall 2017 Blood Lead Clinic tentative dates
 - September 11, 13, 19, 20, 25 and 26
3. Healthy Family Visits
 - 17 done so far 2017
 - 11 since last THEC meeting February 2, 2017
 - 3 more visits scheduled
4. Community Outreach
 - Attended local pregnancy outreach program on March 7th and April 11th and continue about once a month.
 - Presented with Cindy at Sunningdale Children's Centre on March 29th.
 - Presented with Cindy at Prenatal Classes on April 6th.
 - Ready, Set, Learn at Glenmerry School to be scheduled in May.
 - Teddy Bear Picnic scheduled at Gyro June 22nd.
 - Supporting partners of Family Zone at the Trail Market this summer.



April 18, 2017

RECENT HIGHLIGHTS

1. Trail Market Family Zone – The THEP is working in collaboration with the Family Action Network (FAN) and the Columbia Basin Alliance for Literacy (CBAL) to organize the Family Zone area for another season of the Trail Market. Excitement is building and the Success by 6 Partnership organizations and agencies are stepping up to help host the Family Zone. The objective is to provide a place for parents, grandparents or caregivers to relax with their children and have easy access to information about local programs and services that focuses on the early years in our region. New this year will be preplanned weekly activities (e.g. THEP hand wash station, Ages & Stages onsite developmental screenings, story walk, etc.). The H&G Team will be providing storage and transport of materials and equipment and set-up support for each of the 10 markets. The Success by 6 partners are:

- BC Cancer Agency
- Beaver Valley Public Library
- Beaver Valley Nursery School
- City of Trail
- Columbia Basin Alliance for Literacy
- Childcare Resource and Referral
- Family Action Network
- Four Winds Daycare Centre
- Golden Bear Children’s Centre
- Kootenay Boundary Community Services Co-Op
- Kootenay Family Place
- Interior Health
- Ministry of Children and Family Development
- Rossland Library
- Trail Area Health & Environment Program
- Trail and District Public Library
- Trail FAIR Society
- Sunshine Children’s Centre
- Warfield Preschool

2. Soil Remediation – We are planning to start the remediation and yard improvement programs within the week. The program looks fairly similar to previous years with possibly a few adjustments to our yard improvement program.

3. Soil Assessment – With the late snow pack and very wet weather we haven’t been able to start our soil sampling program yet. We are currently in the process of finding someone to help with this work. There were over 150 applications for this part-time position including several promising local candidates. The selection process is ongoing and we are anticipating having someone in place by the beginning of May.

Trail part of Canadian Health Measures Survey

Thursday, March 23rd 2017 - 10:40 am

Approximately 500 households in Trail will have a chance to be a part of the voluntary Canadian Health Measures Survey, a national survey conducted by Statistics Canada.

Spokesperson Anne Lostracco says it will be a two phase survey, the first part an in home interview, the 2nd phase at a mobile clinic, to undergo a number of tests.

Data from the survey will help provide an accurate portrait of the health of Canada.

It will also help adapt programs and services to the populations needs.

Trail is one of 16 sites selected across the country to participate.

Households are selected randomly.

Meanwhile she says it's an interesting survey to be a part of, participants will get some lab measure results that they typically wouldn't be tested for.

www.statcan.gc.ca/eng/survey/household/5071

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► **Data sharing agreements and record linkage**

▼ **Topics covered in the survey**

The survey asks questions about:

- body composition
- blood pressure
- bone density
- vision
- environmental contaminants in blood, urine and hair

For a copy of the fall CHMS Content Summary for cycles 1-8, please contact Statistics Canada's Statistical Information Service (toll-free 1-800-263-1136); 1-514-283-8300; statcan.infostats-infostats.statcan@canada.ca

▼ **Published data**

Statistics Canada publishes the results from the Canadian Health Measures Survey in many formats:

- [latest news releases](#) published in *The Daily*
- [publications](#)
- [analysts and researchers](#)
- [CANSIM](#) tables

▼ **Biobank**

As part of the Canadian Health Measures Survey (CHMS), blood, urine and DNA samples (biospecimens) are collected from consenting participants. With respondents' consent, these samples are then stored at the [CHMS Biobank](#) located at the National Microbiology Laboratory in Winnipeg for use in future health studies.

► **Respondent relations**

Questionnaires, definitions, data sources and methods: [survey number 5071](#)



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*Your health and
safety... our priority.*

*Votre santé et votre
sécurité... notre priorité.*

THIRD REPORT ON **HUMAN BIOMONITORING OF ENVIRONMENTAL CHEMICALS IN CANADA**

Results of the Canadian
Health Measures
Survey Cycle 3 (2012–2013)

July 2015



Canada 