Trail Area Health & Environment Committee

Summary

Meeting: Wednesday, June 17, 2021, 7:00 p.m. (by Zoom)



Committee Members in attendance:

Jane Power, Interior Health Kyle Jorgenson, USW Local 480 Rep Dan Bouillon, Teck Trail Operations Clare North, Teck Trail Operations Cassandra Caunce, BC Ministry of Environment Marylynn Rakuson, Community Member Steve Hilts, Community Member

Others in attendance:

Dean Johnson, USW Local 480 Anton Mackay, Community Member Cecilee Pitman, Interior Health Christina Yamada, Interior Health Andrea McCormick, SNC-Lavalin Michelle Laurie, THEC Facilitator Colleen Delaney, BC Ministry of Environment

The Trail Area Health & Environment Committee (THEC) meets five times per year online or in-person. Members, designates and community members are welcome.

WELCOME and INTRODUCTIONS

 Participants held a round of introductions. The Chair sent regrets. She was unable to join due to technical issues.

MEETING MINUTES

The minutes from THEC meeting, April 21, 2021 were approved.

PRESENTATIONS, REPORTS, DISCUSSIONS & RECOMMENDATIONS

Presentations

Community Representation within THEC Discussion

Presenter: Steve Hilts, Community Leader of Committee Working Group

Steve provided an update from the 'community working group'. He explained the context map (see attached) developed outlining the vision for effective and representative community involvement in/on THEC. Participants then divided into three smaller groups to discuss the content and provide feedback via a template that asked what questions remain, what is missing, what could be improved.

A summary of feedback is attached with the context map.

The working group will follow up on the comments, and report back to THEC in September. Anyone that is interested to join this discussion is welcome. Please email: michelle@thep.ca.

Program Reports & Updates

All reports are provided in the agenda package. Presenters will provide highlights with time for questions / comments.

Air Quality

- Air Quality Report Dan Bouillon, Teck Trail Operations
 - See attached for the report.

- There was discussion on the importance of improving air quality for reducing lead exposure through reducing lead in dust.
- A question was asked about current standards for lead in air in Canada and the USA.
 This question will be brought to the Air Quality Working Group for follow up.
- Air Quality Working Group Update Michelle Laurie, THEC Lead Facilitator
 - The priority continues to be development of communication materials on SO₂. The AQWG will meet June 24th and is planning to have draft documents ready for discussion at the THEC meeting in September.

Family Health Report - Cecilee Pitman, Interior Health

- See attached for the report.
- Cecilee shared that after being in the position for several months she is gaining an appreciation for the depth of the program and the visits with families have been well received.

Home & Garden Report - Andrea McCormick, SNC Lavalin

- See attached for the report.
- Andrea shared that soil testing uptake as well as remediation uptake, has been positive. The
 team will provide a substantial update at the September THEC meeting and full annual summary
 in February 2022.
- Observations on the most recent sampling from the residential lead inspection were shared. 16
 homes were sampled for potential lead sources including soil, water, dust and paint. None of the
 properties had Pb in water over the MAC (maximum allowable concentration). Indoor dust was
 typically highest at entrances and they also found lead paint on high friction sources in several
 homes. Soil had been replaced in almost all the yards (or was in the process of being replaced).

Property Development Update - Clare North, Teck Trail Operations

 Clare shared information on the Property Development Program as a support to development in Trail and area. The program supports assessment and, if required, risk-based remediation of metals contaminated soils during development and construction. An email has been created (development@thep.ca) and the website will be updated with information for the public.

Soil Management Program Report - Clare North, Teck Trail Operations

This section reports on the Soil Management Plan (SMP). The SMP is an annual requirement to
outline assessment and remediation from the previous year and for the year ahead. Going
forward, Clare will provide a report to the THEC when submitting the annual plan to ENV, and the
Home & Garden team will provide a summary of progress through the regular Home & Garden
report to the THEC.

Community Check-In - All community members

No comments were provided at this time.

Program Planning Update - Michelle Laurie, THEC Lead Facilitator

- THEP recently met with the BC Centre for Disease Control as an ongoing knowledge sharing
 initiative. Since 2020, the Province has been recording elevated Pb including in children. THEP
 and the BCCDC compared Trail blood lead clinic data with data from the rest of the Province and
 will continue to do so into the future.
- They also invited researchers from UBC to share research projects that may interest the Trail
 community. One is using bees as an indicator of lead in soil. The other project is looking at baby
 teeth to analyze lead over time in children.
- IH's epidemiologist reviewed historical blood lead data from Area 1. She suggested continued annual testing to better understand trends in the region.

- The RDKB has a new Contaminated Soils Policy outlining the process for property owners and contractors to dispose of contaminated soils at any Regional District landfill. THEP will support residents by offering free testing and support to fill out the application.
- Thep.ca is receiving traffic. Analytics show that in the last six months, there have been 5565 views by 1640 users (as compared to 30 views between July-Dec of the previous year). Much of the increase is from promoting the website and putting soil testing and consent forms online. The increase has been steady since January 2021. Another analytic looked at file downloads. Since January 1st, 2021, 382 downloads occurred from 137 users. This is compared to 5 files downloaded by 3 users in 2020. The website will receive additional improvements in the fall to ensure more sections are updated and pages with less views receive more prominence.

Executive Report - Lisa Pasin, THEC Chair, Mayor, City of Trail

No meeting was held.

2021 THEC MEETINGS

- Sept 23
- Nov 25

THEC meetings are held from 7:00-9:00pm.

Trail Area Health & Environment Committee

AGENDA

Meeting: Wednesday, June 17, 2021, 7:00 p.m.

By Zoom: https://us02web.zoom.us/j/88659433716

Committee Members:

Lisa Pasin, Chair, City of Trail Sandy Santori, Alternate Chair, City of Trail Dr. Karin Goodison, Interior Health MHO Jane Power, Interior Health Kyle Jorgenson, USW Local 480 Rep Dan Bouillon, Teck Trail Operations Clare North, Teck Trail Operations Linda Worley, RDKB Area B Cyra Yunkws, Village of Warfield Ali Grieve, RDKB Area A Cassandra Caunce, BC Ministry of Environment Ron Joseph, Community Member Steve Hilts, Community Member Julia Stockhausen, Community Member Marylynn Rakuson, Community Member

The Trail Area Health & Environment Committee (THEC) meets five times per year online or in-person. Members, designates and community members are welcome.

WELCOME and INTRODUCTIONS (5 min)

Opening remarks from Mayor Lisa Pasin, THEC Chair

MEETING MINUTES

Approve minutes from THEC meeting, April 21, 2021 (as attached)

PRESENTATIONS, REPORTS, DISCUSSIONS & RECOMMENDATIONS

Presentations

Increasing Community Representation within THEC (45 mins)
Presenter: Steve Hilts, Community Leader of Committee Working Group

See Context Map in THEC meeting package

Program Reports & Updates (45 mins)

PLEASE NOTE:

All reports are provided in the agenda package for your review prior to the meeting. TO MAKE THE MOST OF OUR TIME TOGETHER, PLEASE BRING YOUR QUESTIONS OR ITEMS FOR FURTHER DISCUSSION.

Air Quality

- Air Quality Report Dan Bouillon, Teck Trail Operations
- Air Quality Working Group Update Lisa Pasin, Chair

Family Health Report - Cecilee Pitman, Interior Health

Property Development Update - Clare North, Teck Trail Operations

Soil Management Program Report - Clare North, Teck Trail Operations



Home & Garden Report – Andrea McCormick, SNC Lavalin

Community Check-In - All community members (15 mins)

• Round table contributions & questions

Program Planning Update - Michelle Laurie, THEC Lead Facilitator

Executive Report - Lisa Pasin, THEC Chair, Mayor, City of Trail

2021 THEC MEETINGS

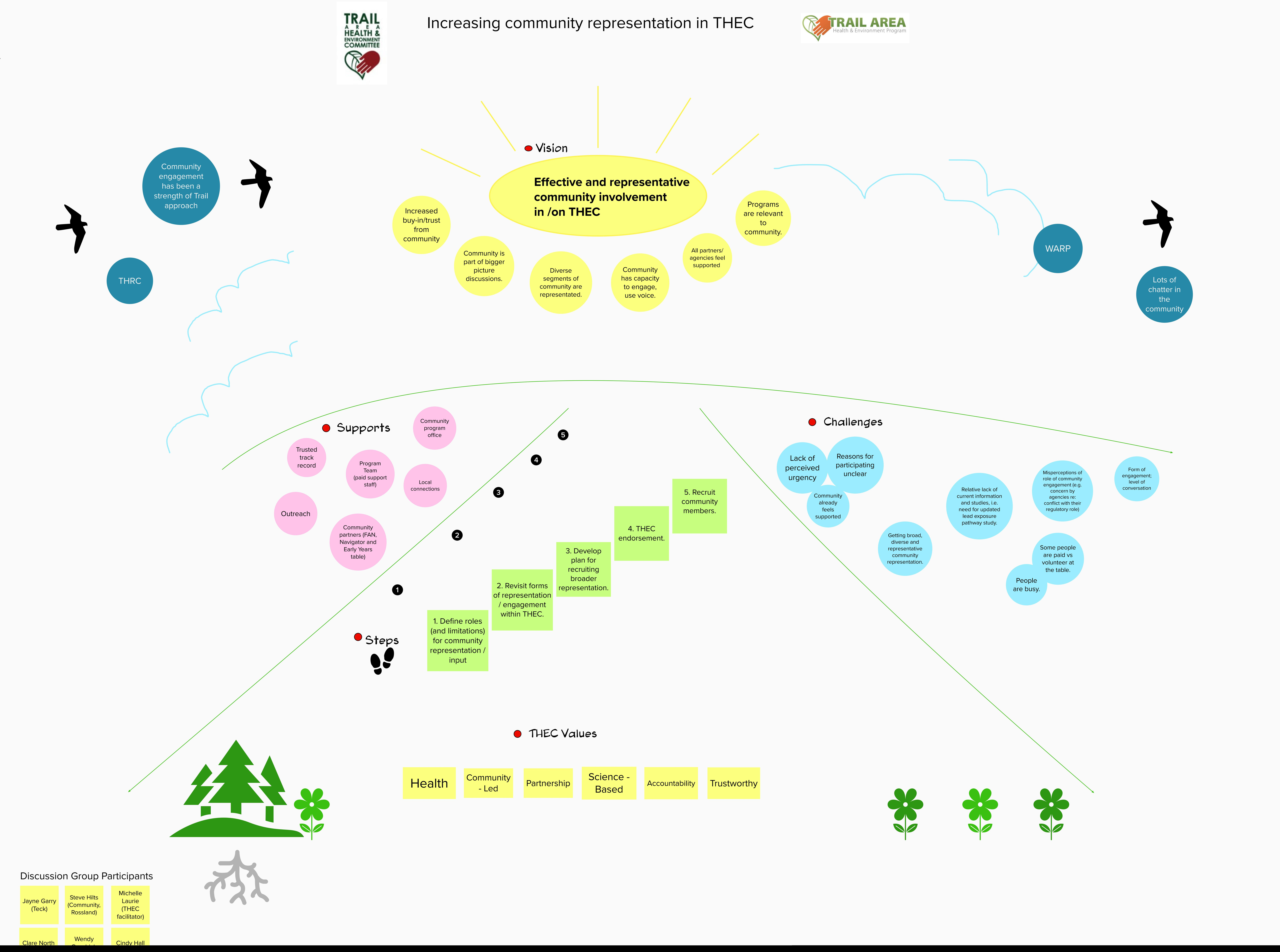
- Sept 23
- Nov 25

THEC meetings are held from 7:00-9:00pm.

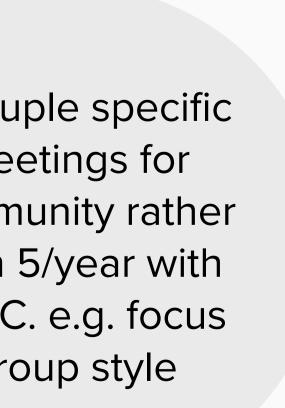
Presentation:

Increasing Community Representation Within THEC

Steve Hilts, Community Leader of THEC Working Group



* Future ideas, parking lot



Summary Feedback from THEC on Community Representation (THEC June 17, 2021)

What questions do you have when looking at this context map?

- What is THEP / THEC and why do you need me?
- How do we entice people to invest time when so much progress has been made on these issues?
- What do we mean by participating?
- Post-covid meeting format needs discussion for example the pros/cons of virtual meetings.

What do you feel is missing?

- The reasons for community participating are unclear. Clearly define the purpose of the group, why we exist and not just the role.
- Context on some of the big pieces of work, outstanding questions to help people understand the need for participation.
- First Nations participation.

What suggestions do you have to improve / edit it?

- Detail the mix of people and groups THEC is targeting and why.
- Engage with local indigenous people.
- Move the meetings to a less 'official location' to increase confidence of all people at the table.
- Gather feedback, comments and input at community events such as local markets; use THEC
 members' outreach channels for more information sharing on the committee/programs (i.e., Local
 480 newsletter article about committee)
- Define what participation looks like and explore different options for this.
- Invite people to take progress to the next level, address the information gaps that still exist.

Additional comments:

- The idea of being community led can be challenging; how does the community participate between programs which are quite siloed?
- THEC / THEP meeting spaces can be intimidating for community
- Can we find ways to encourage families with young children to attend meetings? (i.e., mitigate childcare, competing with sports teams and groups)
- Newcomers to town may be fearful.

The working group will follow up on the comments, and report back to THEC in September. Anyone that is interested to join this discussion is welcome. Please email: michelle@thep.ca.

Air Quality Report



Air Quality Report

June 17, 2021

1. Lead in Air:

First quarter 2021 average for lead in air at Butler Park was $0.066 \, \mu g/m^3$, which is significantly lower than the first quarter average for previous years. As seen in the monthly averages in Figure 2, variability in ambient levels has been reduced significantly over the past year as a result of Teck's environmental management systems which include identification of cause of elevated events and timely implementation of controls to mitigate the cause.

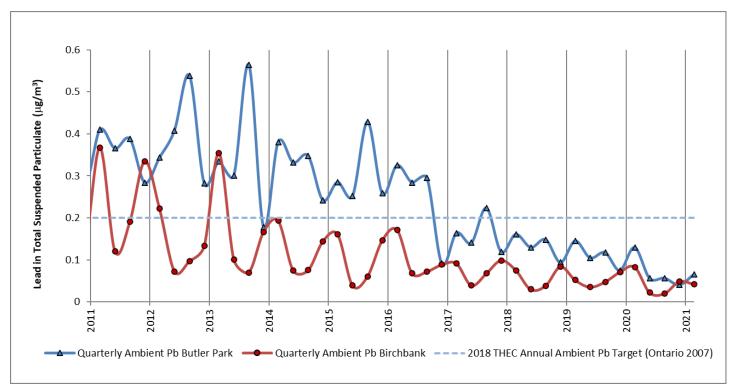


Figure 1: Quarterly monthly average lead at Butler Park and Birchbank stations (as total suspended particulate measured bi-daily)

The chart in Figure 1 shows quarterly averages for Lead in air for Butler Park (dark blue) and Birchbank (red), in comparison to the 2018 THEC Annual Ambient Lead in Air Objective (dashed line).

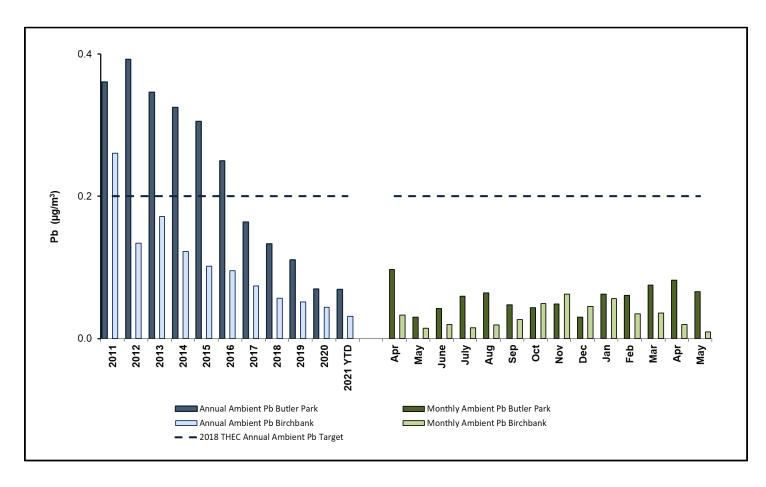


Figure 2: Annual and monthly average lead at Butler Park and Birchbank stations (as total suspended particulate measured bi-daily)

The chart in Figure 2 shows annual and monthly averages for Lead in air for Butler Park. Annual averages are shown on the left for Butler Park (dark blue) and Birchbank (light blue). Monthly averages for the past year are shown on the right for Butler Park (dark green) and Birchbank (light green). The 2018 THEC Annual Ambient Lead in Air Objective is shown as a dashed line. Monthly averages for Lead in ambient air are expected to have some variability due to season, weather, predominant wind direction and operational variance.

2. Arsenic in Air:

First quarter 2021 average for arsenic in air at Butler Park was 0.003 $\mu g/m^3$, which is significantly lower than first quarter averages in previous years.

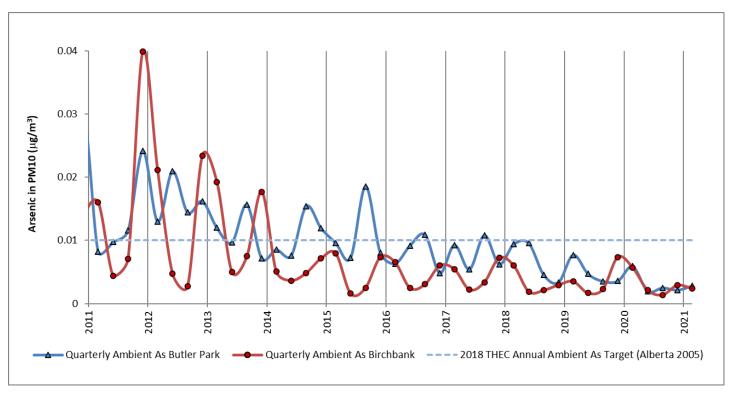


Figure 3: Quarterly average arsenic at Butler Park and Birchbank stations (as inhalable PM10 fraction measured weekly)

The chart in Figure 3 shows the annual average for Arsenic in air (measured as inhalable PM₁₀ fraction) at Butler Park (blue) and Birchbank (red) in comparison to the 2018 THEC Air Quality Objective (blue line).

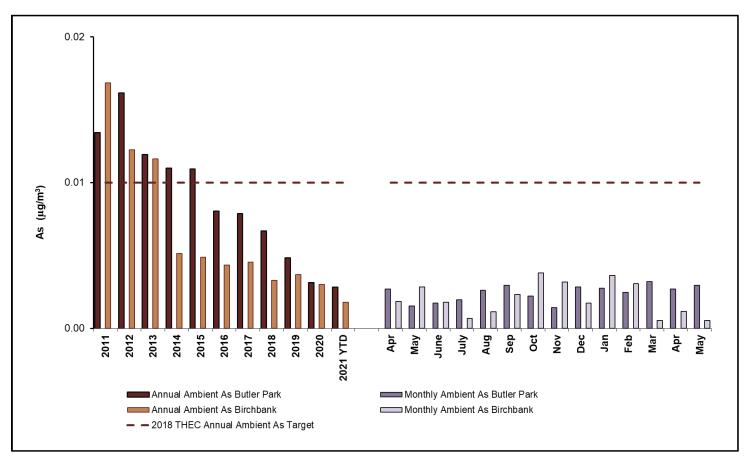


Figure 4: Annual and monthly average arsenic at Butler Park and Birchbank stations (as inhalable PM10 fraction measured weekly)

The chart in Figure 4 shows annual and monthly averages for Arsenic in air at Butler Park and Birchbank. Annual averages are shown on the left for Butler Park (dark brown) and Birchbank (light brown). Monthly averages for the past year are shown on the right for Butler Park (dark purple) and Birchbank (light purple). The 2018 THEC Air Quality Objective is shown as a dashed line. Monthly averages for Arsenic in ambient air are expected to have some variability due to season, weather, predominant wind direction, operational variance and sampling frequency.

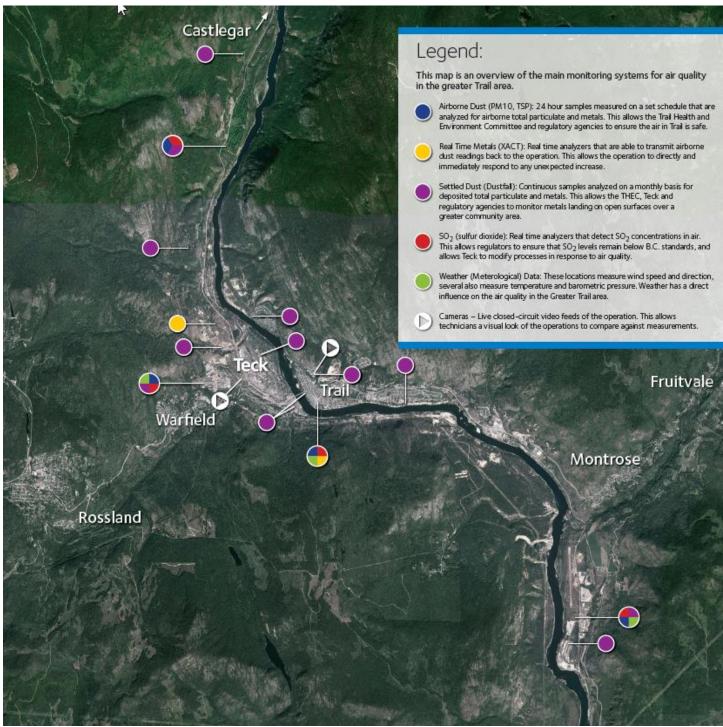


Figure 5: Teck Community Air Monitoring Stations

Family Health Report



FAMILY HEALTH REPORT

June 17, 2021 RECENT HIGHLIGHTS

- 1. Healthy Family Visits
- 2. Community Outreach
- 3. Fall 2021 Blood Lead Clinic Dates

ADDITIONAL DETAILS

1. Healthy Family Visits

- 30 Healthy Family visits completed in 2021, either in person at Kiro or over Zoom/FaceTime or WhatsApp based on families preference.
- Have started offering Healthy Family Healthy Home visits to Area 1 families. These visits have been received well. It is anticipated that we will make contact with any outstanding Area 1 families by early July.

3. Community Outreach

- Provided soap for Cindy and Erynn to give out at the first Trail Market of the year in May
- Unfortunately, unable to engage in much outreach work at this time due to Public Health capacity

2. Fall 2021 Blood Lead Clinic

- Early Planning Stages for September 2021 Blood Lead Clinic
- Dates have been set for the Fall clinic: September 13, 15, 21, 22, 27, and 29.

Home & Garden Report

TRAIL AREA Health & Environment Program

HOME & GARDEN REPORT

June 17, 2021

HIGHLIGHTS

It has been a busy spring for the H&G Team. The start-up of the Soils Program has been a major focus; however, all other activities have been able to proceed without disruption or delays.

1. Soils Program:

a. Soil Replacement

- i. Full soil replacement has been completed at 17 residential properties, along with partial soil replacement at 2 City parks and 2 vegetable gardens.
- ii. There are currently 18 more properties planned on the P1 list, & inquiry letters were sent out to 12 more newly identified P1 properties last week.

b. Soil Assessment

i. 29 properties have had soil testing so far this year, with the majority being for families with young children, and another 108 properties are in the queue. Now that nearly all Ground Cover Evaluations (GCE) are completed our field technicians will begin to focus on completing these.

c. Ground Cover Evaluations

i. Initiated only for properties that have children spending time there, the field technicians have focused primarily on completing these in the early months of Spring. In total, 124 properties have had their ground cover assessed to help the program identify where and how our supports could be best utilized.

d. Yard Improvement

i. Primarily based on the results of the GCE's, we offer lawn care services such as overseeding, aeration, and fertilizing of properties via West Kootenay Weedman. 44 families are currently receiving this support to help maintain good grass cover in their yards and more will be offered as they become identified. Other supports offered through the Yard Improvement program include soil pick up and disposal from DIY yard projects, providing materials for improving ground cover such as bark mulch and drainage rock or providing grass seed and soil for top dressing. So far, 9 of these improvements have been completed and 8 more are in progress.

2. Healthy Homes:

- a. HH Visits (virtual)
 - i. 27 Healthy Home visits have been completed since January 1, 2021, with 10 to be scheduled for June/July. Several families are waiting to be scheduled but are expectant families. Initial contact has been made and will be scheduled during the last trimester.
 - ii. Area 1 (Warfield, Oasis, Casino and Waneta) roll-out has begun, 2 visits completed and 3 are scheduled for June.
- b. Residential Lead Inspection (RLI) Pilot: Winter sampling and reporting to families has been completed. Families appear to value the detailed information provided with the results (verbal and letter format) and staff have reported that families are acting on recommendations (e.g., repainting, finishing ongoing renovations). Follow-up dust sampling is being scheduled for late summer/early fall.

3. Lead Safe Renovation:

- a. The program is back to capacity with only intermittent supply issues (e.g., Tyvek suits). Staff report a noticeable increase in new homeowners moving to town and learning about LSR through soil testing and Healthy Home visits. 24 properties have accessed supplies through the program this year, 14 of those since being back to full capacity in April, including 3 from Rossland.
- 4. Outreach and Engagement: opportunities are still limited due to H&G capacity and COVID-19 over the summer, but the hope is to re-connect with the community groups and daycares in the Fall.
 - a. H&G Administrator (Erynn Scaia) completed the Navigator training May 12 & 19th.
 - b. H&G staff attended the Trail IncrEdible Market May 8 to promote soil testing.
 - c. FAN Christy Anderson has resigned as ED to pursue an opportunity with Kootenay
 Boundary Division of Family Practice Primary Care Network supporting Aboriginal
 Cultural Safety. The board is working with Christy to plan a smooth transition.

Program Planning Update Website: thep.ca analytics

Pages and screens: Page title and screen class 🖸

This year (Jan - Today) Jan 1 - Jun 13, 2021 ▼





