

Prepared for

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See. Track. Control Odor.

**PROJECT : COMMUNITY ODOUR MONITORING PROJECT – ANNUAL REPORT
2014-2015**

DRAFT VERSION
WOOD BUFFALO ENVIRONMENTAL ASSOCIATION

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Note to reader

The information, analysis and recommendations are to be used solely for the intent presented in the report. The information, conclusions, estimations, results and recommendations are based on : i) the information available and accessible during the production of the document, ii) data obtained from external sources, and iii) the conditions, estimations, scenarios and hypotheses as stated in the report.

The recommendations included in the present document are based on the objectives and deliverables agreed upon between the client and Odotech. Other impacts that are not included or discussed in the study could exist, such as and not limited to: changes in the emission rates of other contaminants, impacts on the processes and their capacity, impacts on the operational and capital costs, impacts on human resources requirements, and social impacts.

TABLE OF CONTENTS

GLOSSARY, ACRONYMS AND UNITS	VI
1 CONTEXT AND OBJECTIVES	1
2 VOLUNTEERS, TRAINING AND QUARTERLY MEETINGS	2
3 OBSERVATION COLLECTION	2
4 RESULTS SUMMARY FOR 2014-2015	3
4.1 GEOGRAPHICAL DISTRIBUTION OF THE OBSERVATIONS RECEIVED	4
4.2 TYPE OF ODOUR REPORTED	6
4.3 TIME AND DURATION OF THE OBSERVATIONS	6
4.4 ODOUR INTENSITY AND APPRECIATION	8
4.5 WIND AND WEATHER CONDITIONS	9
4.6 ODOUR EPISODES	10
5 RESULTS SUMMARY FOR 2013-2015	14
6 CONCLUSIONS	16
ANNEX A: RESPONSE CARD	18
ANNEX B: RAW OBSERVATIONS FROM JUNE 1 ST 2014 TO MAY 31 ST 2015	19

LIST OF TABLES

Table 4-1: Number of Participants and Observations Received.....	3
Table 4-2: List of Observation with Duration of 60 minutes or more.....	7
Table 4-3: Odour Intensity Reported	9
Table 4-4: Odour Appreciation Reported	9
Table 4-5: Odour Episodes.....	11

LIST OF FIGURES

Figure 1-1: Project Area	1
Figure 4-1: Monthly Number of Observation Received	4
Figure 4-2: Geographical Distribution of Odour Observations.....	5
Figure 4-3: Location of the Observations and Odour Type	5
Figure 4-4: Type of Odours Reported.....	6
Figure 4-5: Number of Observations per Hour of the Day.....	7
Figure 4-6: Wind and Weather Conditions.....	10
Figure 4-7: Days with Observation and Odour Episodes per Month	11
Figure 4-8: Observation Journal – June 2014 to May 2015	13
Figure 5-1: Observations per Season – 2013-2015	14
Figure 5-2: Type of Odours Reported 2013-2015.....	15
Figure 5-3: Odour Days per Month.....	15

LIST OF TABLES

Table 4-1: Number of Participants and Observations Received.....	3
Table 4-2: List of Observation with Duration of 60 minutes or more.....	7
Table 4-3: Odour Intensity Reported	9
Table 4-4: Odour Appreciation Reported.....	9
Table 4-5: Odour Episodes.....	11

GLOSSARY, ACRONYMS AND UNITS

Term / Acronym / Unit	Definition
COMP	Community odour monitoring project.
HEMP	Human Exposure Monitoring Program
Observation	One type of odour with the conditions during which it was observed. If a report indicates 2 or more types of odours, each odour is counted as one observation
Odour episode	For the purposes of this study, odour episodes are considered to occur when 3 observations or more are received for the same day by the participants of the odour observer committee
Participant	Registered volunteer for the community odour monitoring project for 2014-2015
Report	A complete report is one submission of information from a participant. A report may list more than one type of odour perceived (or observation). A report must be complete to be analysed.
WBEA	Wood Buffalo Environmental Association.

1 CONTEXT AND OBJECTIVES

Odours have become a prominent issue in some communities in the Wood Buffalo region. As a result, Wood Buffalo Environmental Association's (WBEA's) Human Exposure Monitoring Program (HEMP) monitors, detects and chemically characterizes odorous compounds in ambient air. In addition to using specialized instrumentation to detect odours, HEMP is conducting a community-based odour monitoring project. For this initiative, WBEA has recruited volunteer participants from the community of Fort McMurray, Wood Buffalo's urban centre. Fort McMurray draws attention from around the world as the residential and commercial focal point of Canada's Oil sands industry. Residents come from all regions of Canada and around the world, and according to 2010 census; approximately 76,800 people live in Fort McMurray.

Monitoring human exposure to odours in the region is part of a long-term strategy of WBEA. Due to public concerns over odours, HEMP will continue to identify, assess and communicate how odours can be monitored and reported to community members. The main objective of WBEA's Fort McMurray Community Odour Monitoring Project (COMP) is to involve the community in identifying and monitoring odours in the air in order to determine the impact on residents. Figure 1-1 shows the area covered by this project.

The COMP relies on volunteers from the community who are helping by gathering information about the odours they perceive during their day-to-day activities. Odour observers use cards or online forms to report odour character, intensity and hedonic tone.

The project was launched in February 2013. A first year of monitoring was completed from June 1st 2013 to May 31st 2014 (Odotech, 2014). The program was extended for a second year with the monitoring phase going from June 1st 2014 to May 31st 2015.

This report summarizes the data collected during the course of the second year of the project and presents the major statistics and conclusions of this first year of monitoring by the community.

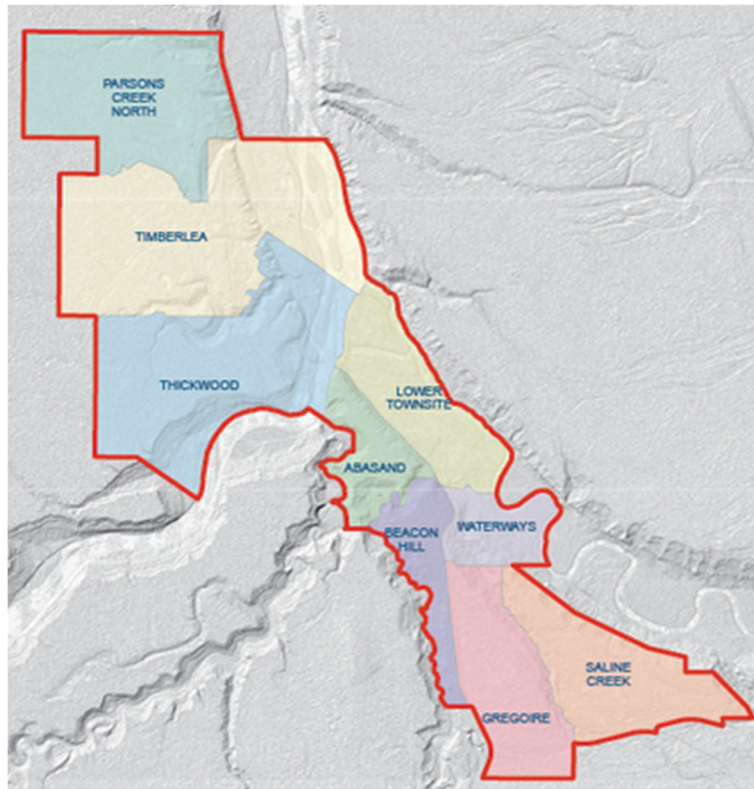


Figure 1-1: Project Area

2 VOLUNTEERS, TRAINING AND QUARTERLY MEETINGS

For this second year of monitoring, the project was promoted by WBEA to present the project and inform the community on how they could provide input by participating in the Community Odour Monitoring Project (COMP).

For 2014-2015, new volunteers could register to participate in the project and returning participants from 2013-2014 were invited to continue their involvement in the project.

Two (2) training sessions were held on May 29th, 2014 to give the participants general information about odours and to provide them with the tools to be able to produce complete odour observations. The participants were submitted to three (3) tests to establish their sensitivity to odours and assess their ability to recognize specific odours from the region including wastewater treatment plant and oil.

A total of ten (10) participants, including five (5) returning volunteers from 2013, attended the training sessions. Eight (8) participants responded within normal ranges to at least two out of three tests. WBEA wanted to extend the opportunity to other community members to also provide observations even if they did not go through the training sessions. On that basis, the observation phase of the project started with 37 volunteers in June 2014. Throughout the year, participants withdrew from participating and others registered. At the end of May 2015, 37 volunteers were registered in the program.

Quarterly meetings were held to update the participants on the status of the project and to present them with the results from their observations. Meetings were held on September 23rd 2014, January 14th 2015 and March 25th 2015. The last meeting will be held on June 17th, 2015.

3 OBSERVATION COLLECTION

Participants were asked to send observations of odour perceived during their day-to-day activities. Observations were submitted by computer to the project website, by wireless handheld device (smart phone or tablet) to the mobile version of the project website, using pre-stamped cards or using an automated phone system.

For each observation the participants were asked to indicate the following information:

- Date of the observation;
- Beginning and end time;
- Location of the observation – anywhere in the project area;
- Physical state (healthy or sick);
- Meteorological condition;
- Wind condition;
- Type of odour perceived;
- Intensity of the odour;
- Appreciation of the odour;
- Any comments they had about their observation.

Annex A presents the response card provided to the observer. The same questions and information were collected using the website and phone system.

Annex B lists all the observations received during the course of the 2nd year of the project from June 1st, 2014 to May 31st, 2015.

4 RESULTS SUMMARY FOR 2014-2015

A total of 272 complete reports were received and analysed. Twelve (12) reports listed two or three observations. A total of 285 observations were received between June 2014 and May 2015. Only one report was submitted by card, the rest were submitted through the website (including the mobile version). 282 reports were submitted by participants that declared being healthy and thus presenting no congestion that might interfere with the sense of smell or may affect the nature of their observation.

A total of sixteen (16) different participants provided between 1 and 44 observations during the course of the second year of monitoring. Table 4-1 summaries the number of observation received per quarter and the mean by which reports were received between June 2014 and May 2015.

Table 4-1: Number of Participants and Observations Received

	June to August 2014	Sept. to Nov. 2014	Dec. 2014 to Feb. 2015	March to May 2015	Total - June 2014 to May 2015
Number of Participant at the end of each period	37	37	37	37	37
Number of Participant who reported odours	14	11	8	12	16
Number of observation per participant	From 1 to 23	From 1 to 11	From 1 to 8	From 1 to 14	From 1 to 44
Total Number of Complete Reports	133	48	33	58	272
Reports by card / phone / email	0	1	0	0	1
Reports by website / smartphone	133	47	33	58	271
Total Number of Complete Observations	139	51	33	62	285
Observation made by healthy participants	136	51	33	62	282

Figure 4-1 shows the number of odour observations received each month since June 2014. Close to 60% of all observations were received between June 2014 and September 2014 and another 10% were received in May 2015.

The following paragraphs present various statistics based on the observations received as they were submitted.

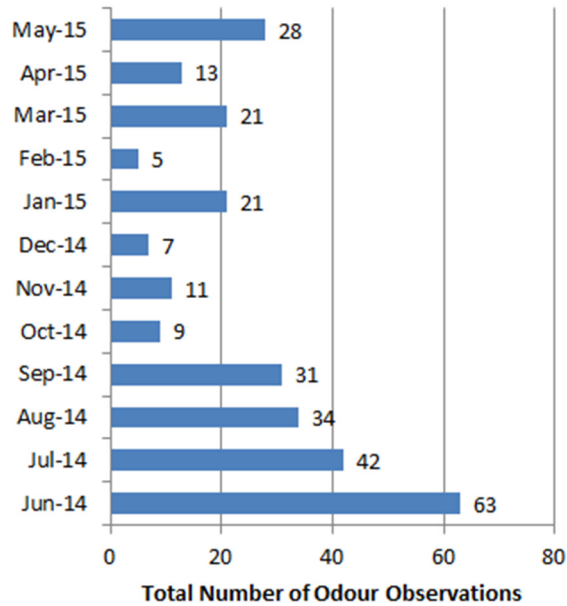


Figure 4-1: Monthly Number of Observation Received

4.1 GEOGRAPHICAL DISTRIBUTION OF THE OBSERVATIONS RECEIVED

Most of the observations were reported in Timberlea (52.6%), Thickwood (40.4%) and Lower Townsite (5.6%) – see Figure 4-2. Observations were also reported in Beacon Hill, Gregoire and Saline Creek. Figure 4-3 presents the geographical distribution of the odour observations received and type of odours reported within the project area.

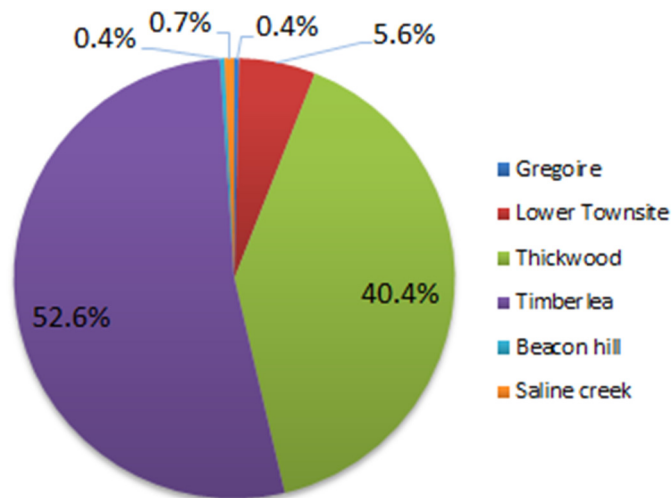


Figure 4-2: Geographical Distribution of Odour Observations

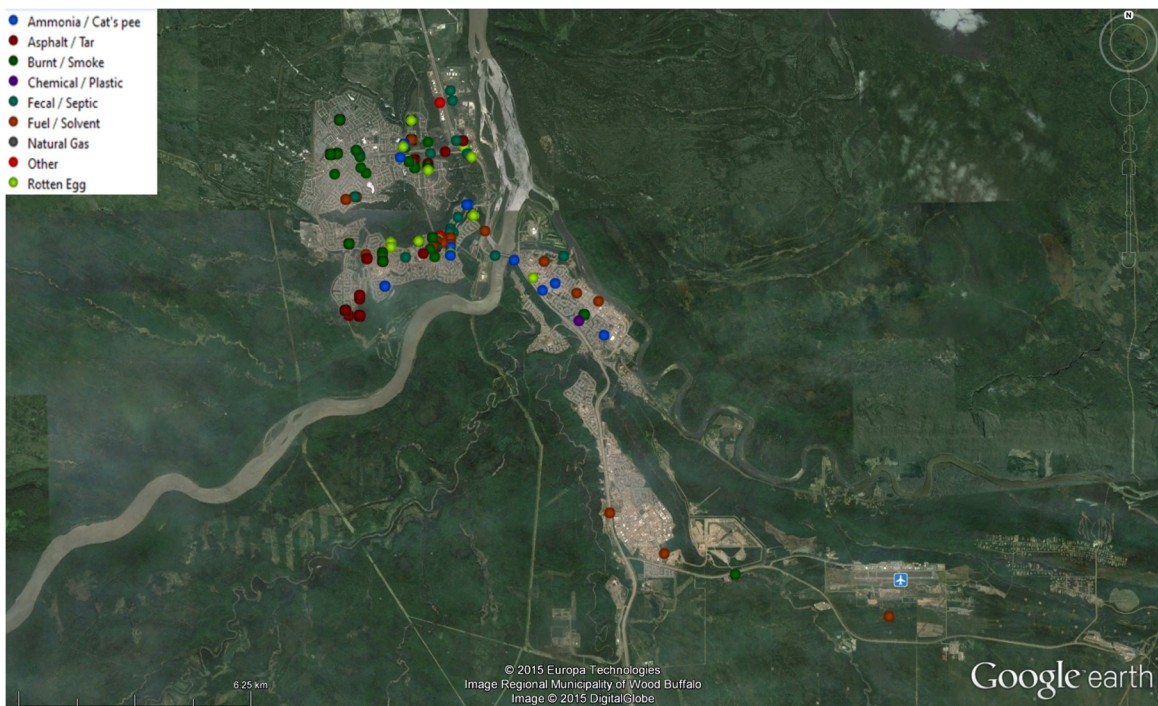


Figure 4-3: Location of the Observations and Odour Type

4.2 TYPE OF ODOUR REPORTED

For each report, the participant could report one or more type of odour perceived. Figure 4-4 summarizes the type of odours reported. If a report provided more than one type of odour, each odour reported is counted as one observation.

The observers had the possibility of selecting from a list of predefined odour type or select “other” and specify what they thought described the odour the best. The analysis was conducted on the observations as they were submitted.

Between June 2014 and May 2015, close to 29% of the odour perceived were attributed to Burnt/smoke, 21% to Fuel / solvent and 19% to Asphalt / tar. Odours described as Fecal / Septic and Ammonia / Cat’s pee accounted for 15% each of the observations. Other types of odours reported include: chemical / plastic, natural gas, rotten eggs, skunk and other (hydrocarbon, manure, burnt tires, garbage dump, nail-polish, dead animals).

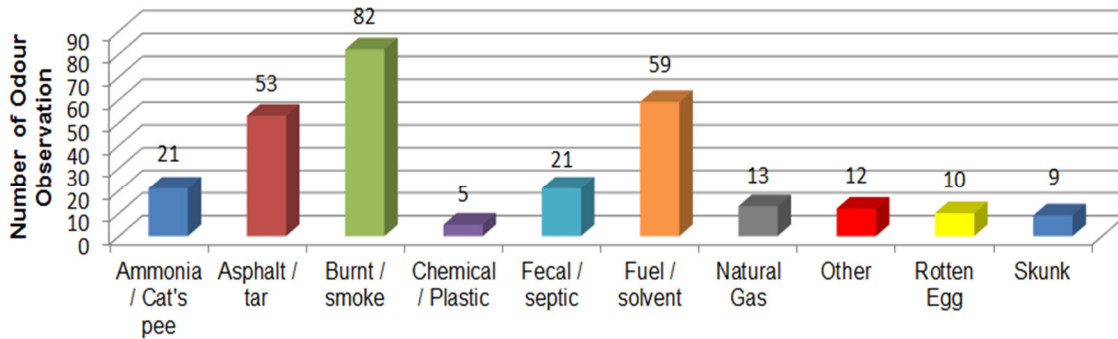


Figure 4-4: Type of Odours Reported

4.3 TIME AND DURATION OF THE OBSERVATIONS

Since odour observations are from volunteers during their day to day activities, observations are more likely to coincide with daytime and evening than nighttime and also reflect the time for which the volunteer remains at the location of the odour perceived. 54% of all observations were between 6 AM and 9AM or between 4PM and 6PM. Figure 4-5 shows the numbers of observations per hour of the day.

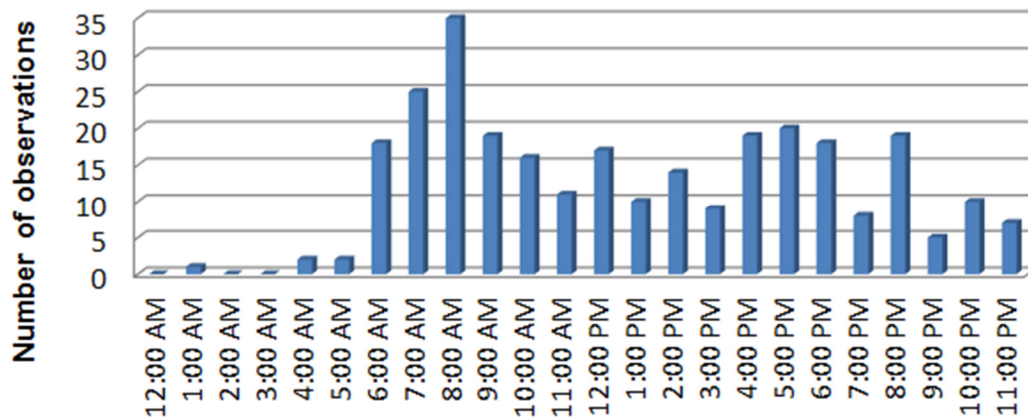


Figure 4-5: Number of Observations per Hour of the Day

Observations were reported for periods of 1 to 825 minutes (> 13 hours). Forty-five (45) observations out of the 285 received had duration of 60 minutes or longer. Close to 80% of all observations reported duration of 30 minutes or less. The default period of observation is one minute if no other value is reported. Table 4-2 lists the observation that indicated duration of 60 minutes or more. Those observations were reported in Thickwood, Timberlea and Gregoire. The odours reported were various and included: asphalt / tar, ammonia / cat's pee, burnt/smoke, rotten egg, fecal / septic, and fuel/solvent. Nine (9) of these observations were in July 2014. Observations with duration over 60 minutes were less frequent between November 2014 and February 2015.

Table 4-2: List of Observation with Duration of 60 minutes or more

Date	Location	Duration (minutes)	Type of Odours
03/06/2014	Thickwood	120	Asphalt / tar
21/06/2014	Timberlea	120	Asphalt / tar
23/06/2014	Thickwood	120	Asphalt / tar
27/06/2014	Timberlea	240	Burnt / smoke
01/07/2014	Timberlea	90	Rotten Egg
07/07/2014	Thickwood	210	Burnt / smoke
12/07/2014	Timberlea	240	Burnt / smoke
12/07/2014	Timberlea	120	Fuel / solvent
16/07/2014	Timberlea	240	Burnt / smoke
16/07/2014	Thickwood	180	Asphalt / tar
19/07/2014	Thickwood	299	Burnt / smoke

Date	Location	Duration (minutes)	Type of Odours
31/07/2014	Thickwood	210	Burnt / smoke
31/07/2014	Timberlea	240	Burnt / smoke
08/08/2014	Thickwood	210	Asphalt / tar
14/08/2014	Thickwood	170	Burnt / smoke
20/08/2014	Timberlea	117	Rotten Egg
21/08/2014	Timberlea	120	Asphalt / tar
23/08/2014	Timberlea	190	Asphalt / tar
24/08/2014	Timberlea	150	Ammonia / Cat's pee
08/09/2014	Timberlea	60	Ammonia / Cat's pee
08/09/2014	Thickwood	98	Ammonia / Cat's pee
12/09/2014	Thickwood	210	Asphalt / tar
16/09/2014	Thickwood	131	Ammonia / Cat's pee
30/09/2014	Timberlea	76	Asphalt / tar
07/10/2014	Timberlea	180	Other (burnt tires)
21/11/2014	Thickwood	87	Ammonia / Cat's pee
06/01/2015	Gregoire	150	Fuel / solvent
22/01/2015	Timberlea	63	Burnt / smoke
12/03/2015	Timberlea	88	Burnt / smoke
12/03/2015	Timberlea	825	Burnt / smoke
18/03/2015	Thickwood	60	Asphalt / tar
23/03/2015	Thickwood	60	Fecal / septic
24/03/2015	Timberlea	60	Fecal / septic
25/05/2015	Timberlea	76	Asphalt / tar
30/05/2015	Timberlea	467	Burnt / smoke

4.4 ODOUR INTENSITY AND APPRECIATION

Participants were also asked to give the intensity (from very weak to very high) and their appreciation (from very pleasant to very unpleasant) of the odour perceived. Table 4-3 summarizes the intensity reported and the type of odours associated with it. Of all observations, 73% were reported as weak or medium. Observations with high or very high intensity account for the remaining 27% of the reported intensity.

Ammonia/cat's pee, asphalt/tar, burnt/smoke and fuel / solvent odours were associated with intensity ranging from weak to very high. Burnt/smoke odours accounts for 29% of

the observations reported with high or very high intensity. Odours of fecal/septic, natural gas, rotten eggs and other were reported with intensity ranging from weak to high.

Table 4-3: Odour Intensity Reported

Intensity	Number of Observations	Type of Odours (number of observation)
Very High	16	Ammonia/Cat's pee (4), Asphalt/tar (3), Burnt/smoke (6), Fuel/solvent (3)
High	60	Ammonia/Cat's pee (6), Asphalt/tar (15), Burnt/smoke (16), Chemical/Plastic (1), Fecal/Septic (5), Fuel/solvent (6), Natural gas (1), Rotten egg (6) and Other (4)
Medium	157	Ammonia/Cat's pee (9), Asphalt/tar (28), Burnt/smoke (47), Chemical/Plastic (4), Fecal/Septic (11), Fuel/solvent (34), Natural gas (10), Rotten egg (3), Skunk (6) and Other (5)
Weak	51	Ammonia/Cat's pee (2), Asphalt/tar (7), Burnt/smoke (13), Fecal/Septic (5), Fuel/solvent (16), Natural gas (2), Rotten egg (1), Skunk (2) and Other (3)
Very Weak	1	Skunk (1)

Table 4-4 summarizes the appreciation reported and the type of odours associated with it. Of all observations, 83.5% were reported as unpleasant or very unpleasant. 39% of the burnt/smoke odour observations were reported as being pleasant or neutral.

Table 4-4: Odour Appreciation Reported

Appreciation	Number of Observations	Type of Odours (number of observation)
Very Pleasant	0	-
Pleasant	1	Burnt/smoke (1)
Neutral	46	Ammonia/Cat's pee (1), Asphalt/tar (8), Burnt/smoke (31), Fecal/Septic (1), Fuel/solvent (4), Natural gas (1)
Unpleasant	194	Ammonia/Cat's pee (10), Asphalt/tar (34), Burnt/smoke (41), Chemical/Plastic (5), Fecal/Septic (16), Fuel/solvent (50), Natural gas (11), Rotten egg (9), Skunk (8) and Other (10)
Very Unpleasant	44	Ammonia/Cat's pee (10), Asphalt/tar (11), Burnt/smoke (9), Fecal/Septic (4), Fuel/solvent (5), Natural gas (1), Rotten egg (1), Skunk (1) and Other (2)

4.5 WIND AND WEATHER CONDITIONS

The majority of the observations reported calm winds and cloudy or sunny conditions. Very few observations were reported when the conditions were windy. Figure 4-6 shows the wind and weather conditions reported by the observers.

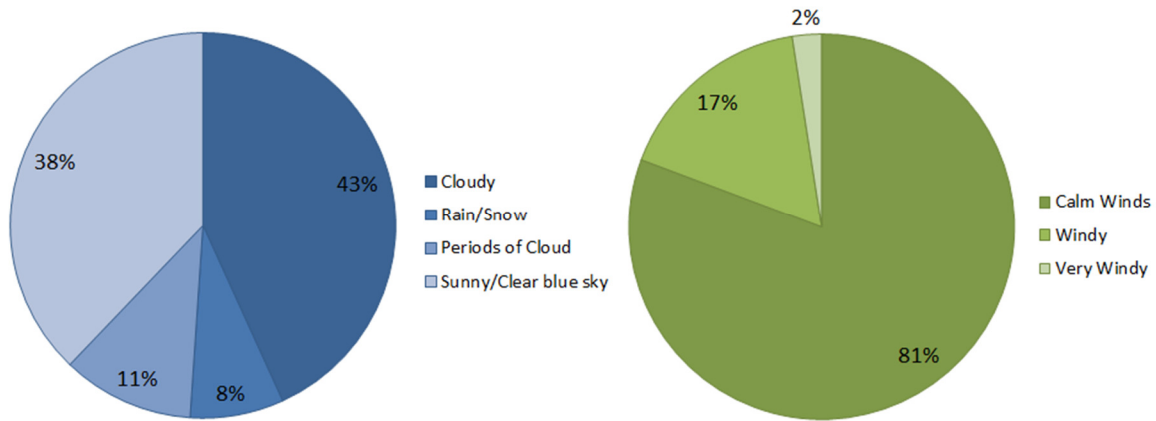


Figure 4-6: Wind and Weather Conditions

4.6 ODOUR EPISODES

For purposes of this study, odour episodes are considered to occur when 3 observations or more are received for the same day. The observation journal (Figure 4-8) shows the number of observation received daily and the odour episodes are shown in red.

Between June 2014 and May 2015, observations were reported for 149 days and there were thirty-five (35) days with three (3) or more observations. Between 3 and 11 observations per day for a total of 145 observations were received during those 35 days. There were ten (10) days in June 2014, six (6) in July 2014 and (5) in August 2014 where 3 or more observations were reported – see Figure 4-7.

Twenty (20) of these odour episodes reported Fuel / solvent, sixteen (16) reported Asphalt /tar and seventeen (17) reported Burnt/smoke as the type of odour. Table 4-5 lists the dates of the odour episodes and the number of observation received as well as the type of odour reported and where they were reported.

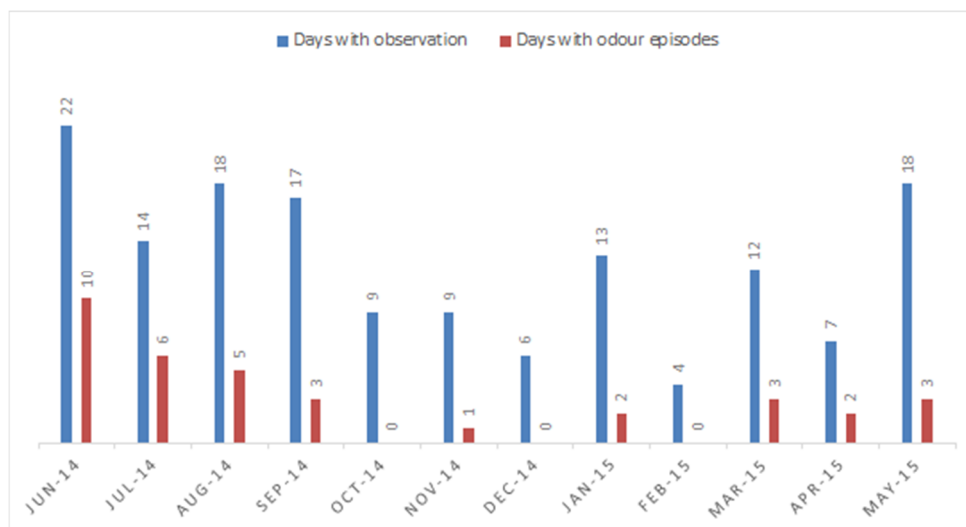


Figure 4-7: Days with Observation and Odour Episodes per Month

Table 4-5: Odour Episodes

Date	Number of Observations	Number of Observers	Location of the Observations *	Type of Odours Reported
02/06/2014	3	2	TW	Asphalt/tar, other (hydrocarbon)
03/06/2014	6	5	TW, TB	Asphalt / tar, Ammonia / Cat's pee, Fuel / solvent
16/06/2014	3	3	TW, TB	Skunk, other (manure), fecal/septic
20/06/2014	3	3	TW, TB	Asphalt / tar, Fuel / solvent
21/06/2014	7	5	TW, TB	Asphalt / tar, Ammonia / Cat's pee, rotten egg
23/06/2014	3	3	TW	Asphalt / tar, Chemical / Plastic, other (smoke bitumen)
26/06/2014	5	3	TW, TB	Asphalt / tar, Burnt / smoke
27/06/2014	5	3	TW, TB	Asphalt / tar, Burnt / smoke
29/06/2014	11	6	TW, TB	Burnt / smoke, Ammonia / Cat's pee, Fuel / solvent, fecal/septic
30/06/2014	3	2	TB, LT	Burnt / smoke, Fuel / solvent
07/07/2014	8	6	TW, TB, LT	Burnt / smoke
12/07/2014	4	2	TB	Burnt / smoke, Fuel / solvent
16/07/2014	3	2	TW, TB	Burnt / smoke, Asphalt / tar
18/07/2014	3	2	TW, TB	Asphalt / tar, Burnt / smoke
19/07/2014	3	2	TW	Asphalt / tar, Burnt / smoke, fuel/solvent
31/07/2014	7	5	TW, TB	Burnt / smoke, Ammonia / Cat's pee
04/08/2014	4	3	TB	Burnt / smoke

05/08/2014	4	2	TB, LT	Burnt / smoke
18/08/2014	3	2	TW, TB, LT	Asphalt / tar, Burnt / smoke, fuel/solvent
24/08/2014	3	3	TW, TB	Ammonia / Cat's pee, fuel/solvent
26/08/2014	3	3	TW, TB	Asphalt / tar, Burnt / smoke, other (hydrocarbon)
08/09/2014	7	5	TW, TB	Ammonia / Cat's pee, fuel/solvent
23/09/2014	3	2	TB	Burnt / smoke, fuel/solvent
30/09/2014	4	2	TW, TB	Asphalt / tar, fuel/solvent
03/11/2014	3	2	TW, TB	fecal/septic, rotten egg
14/01/2015	3	3	TW, TB	fecal/septic, fuel/solvent
19/01/2015	5	3	TB	fuel/solvent, natural gas
11/03/2015	3	2	TB	fuel/solvent
12/03/2015	3	2	TB	Burnt / smoke, fuel/solvent
18/03/2015	4	3	TW, TB	Asphalt / tar, fuel/solvent
20/04/2015	3	2	TB	fuel/solvent, chemical/plastic
21/04/2015	3	3	TW, TB	Asphalt / tar, fuel/solvent, fecal/septic
18/05/2015	3	1	TW	Skunk, natural gas, ammonia / cat's pee,
25/05/2015	3	2	TB	Asphalt / tar, fuel / solvent, rotten egg
27/05/2015	4	4	TW, TB	Burnt / smoke, fuel/solvent

* LT = Lower Townsite, TW = Thickwood, TB = Timberlea, G= Gregoire

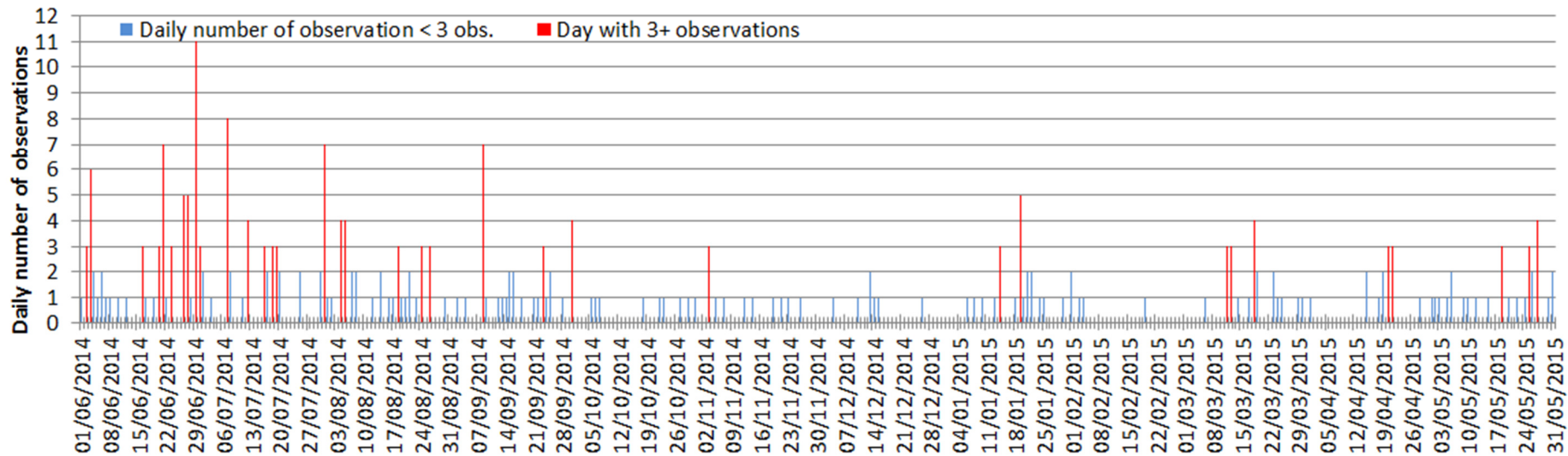


Figure 4-8: Observation Journal – June 2014 to May 2015



5 RESULTS SUMMARY FOR 2013-2015

The community odour monitoring project in the Fort McMurray area started in June 2013. A total of 55 volunteers were involved at some point in the monitoring project. From these participants, 26 reported between 1 and 97 odour observations each. A total of 436 observations were received and analysed.

Figure 5-1 summarizes the number of odour observations per season between June 2013 and May 2015. From these two years of monitoring, there is an increase in the odour observations during the summer month and a decrease throughout fall and winter. Odour observations started to increase in the spring. This trend may also coincide with the fluctuation in exterior temperatures along with a decrease with outside activities during winter time. Observers are then less likely to encounter odour and to report them.

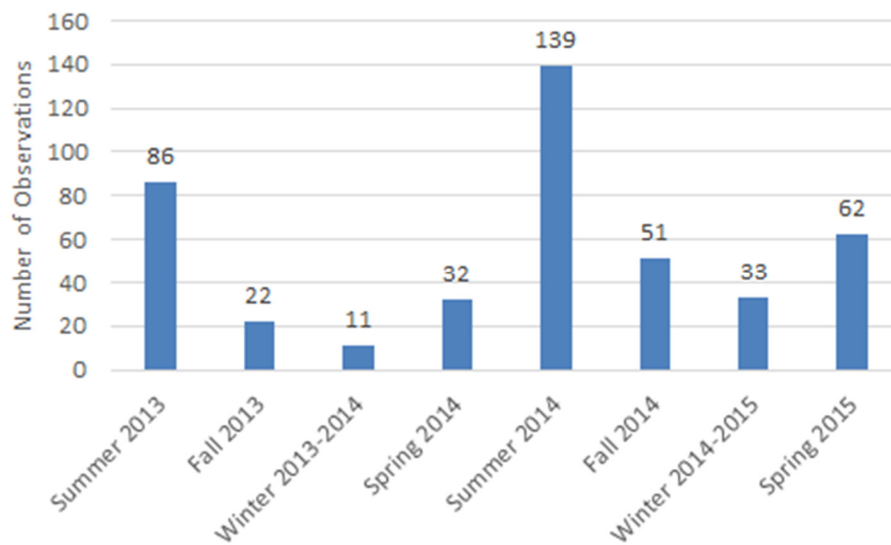


Figure 5-1: Observations per Season – 2013-2015

Between June 2013 and May 2015, close to 25% of the odour perceived were attributed to Burnt/smoke, 23% to Fuel / solvent and 20% to Asphalt / tar (Figure 5-2). Odours described as Fecal / Septic also accounted for 10% of the observations. Similar results were obtained for both periods of monitoring (June to May) with a slight increase in the burnt/smoke odours for 2014-2015.

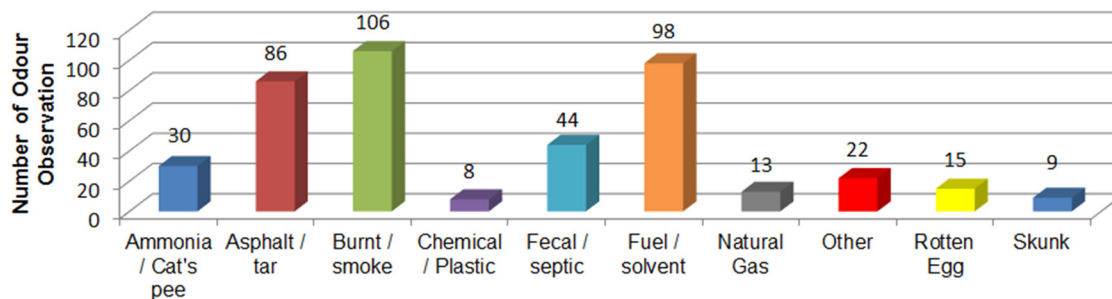


Figure 5-2: Type of Odours Reported 2013-2015

From June 2013 to May 2015, there were 224 days where at least one observation was reported and 56 days where at least three (3) observations were reported (odour episodes). Most odour episodes were recorded between May and September of each year. Figure 5-3 shows the number of days with at least one observation per month and the number of days with odour episodes.

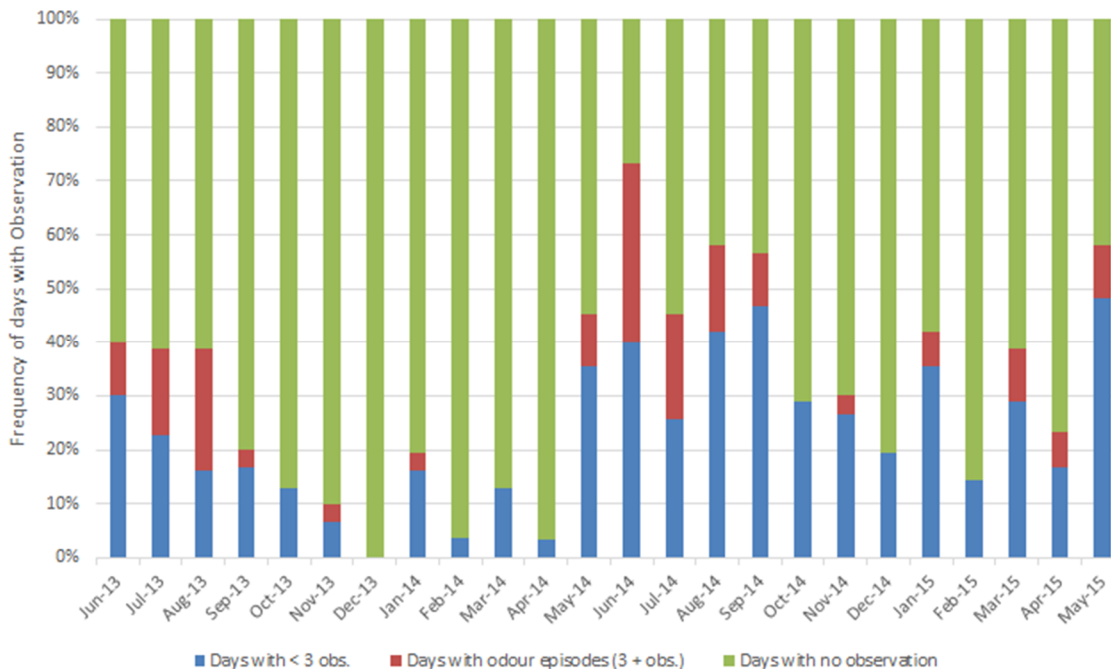


Figure 5-3: Odour Days per Month

6 CONCLUSIONS

Volunteers from the community were recruited to provide their qualitative odour observations during their day to day activities during the course of one year. Observers were introduced to the field of odours and the basic concepts of quantification of odours by their character, intensity and hedonic tone (pleasantness or unpleasantness).

The second year of the community odour monitoring project achieved the following objectives / findings:

- The observations made by the odour committee members were collected on a website which could be accessed by computer or a hand held device, making the data immediately available for comparison to other information collected (record complaint or other).
- The volunteers participated in the odour training session and were invited to attend the quarterly meetings where the odour observations collected that quarter were reviewed. This allowed for an exchange of information between the observer and WBEA (HEMP).
- Having observers quantify the date, time, location, character, intensity, hedonic tone of the observed odours along with the weather conditions at the time of the observation, greatly enhances the quality of the information provided. Records of complaints are sometimes lacking that level of details.
- Every odour observation submitted was useful to the project and added to the understanding of odours in the region. Most observations were reported in Thickwood, Timberlea and Lower Townsite.
- A total of 285 observations were received between June 2014 and May 2015. 69 percent of all observations were received between June 2014 and September 2014 (summer) or in May 2015 (spring). Approximately 29 percent of the odours perceived were attributed Burnt/smoke, 21 percent of Fuel / solvent and 19 percent to Asphalt / tar.
- Most observations were between 6 AM and 9AM or between 4PM and 6PM and reported duration of 30 minutes or less.
- Observations reported odours as unpleasant or very unpleasant in 84 percent.
- Observations reported odours intensity as weak or medium in 73 percent. Burnt/smoke odours accounts for 29 percent of the observations reported with high or very high intensity. However, 39 percent of the burnt/smoke odour observations were reported as being pleasant or neutral.
- Between June 2014 and May 2015, there were thirty-five (35) days with three (3) or more observations. Between 3 and 11 observations per day for a total of 145 observations were received during those 35 days, twenty-four (24) of which were in summer 2014 (between June and September 2014).

- From June 2013 to May 2015, it is 436 odour observations that were provided by the participants. Most observations were reported between May and September for each year (spring and summer). Odours were reported on 224 separate days.
- Between June 2013 and May 2015, odours of Burnt/smoke Fuel / solvent and Asphalt / tar accounts for 67 percent of all the observations.

The HEMP will continue monitoring odours, but for 2015-2016, the community odour monitoring project will be focused on Anzac and its surrounding communities.

ANNEX A: RESPONSE CARD

Odour Observation Card

Q1. Current Physical State

- Healthy
- Sick

Q2. Meteorological Conditions

- Cloudy
- Rain
- Snow
- Sunny/Clear Blue Sky
- Periods of Clouds

Q3. Wind Conditions

- Calm Winds
- Windy
- Very Windy

Initials: _____

Identification No. 1410 -

Date (Day/Month/Yr): / /

Start Time (hh:mm): : :

End Time (hh:mm): : :

Q4. Type of Odour Perceived

- Asphalt / tar
- Fuel / Solvent
- Chemical / Plastic
- Rotten egg
- Skunk
- Natural Gas
- Ammonia / Cat's pee
- Burnt / Smoke
- Fecal / Septic
- Other _____

Q5. Intensity of Odour Perceived

- Very Weak
- Weak
- Medium
- High
- Very High

Q6. Appreciation of Odour Perceived

- Very Unpleasant
- Unpleasant
- Neutral
- Pleasant
- Very Pleasant

Q7. Address of observation
(if different than home address)

Q8. Comments

Thank you for your cooperation!

For any questions or to order additional observation cards, please contact ODOTECH at 1-855-790-8838 or odoview@wbea.odotech.com and WBEA at 780-747-8217 or abwumasismith@wbea.org. Thank you!



ANNEX B: RAW OBSERVATIONS FROM JUNE 1ST 2014 TO MAY 31ST 2015



No. Obs.	Role	USERNAME	LAT	LON	DATE	Q1. Current Physical State		Q2. Weather Condition	Q3. Wind Condition	Q4. Type of Odour Perceived	Q5. Intensity of Odour Perceived	Q6. Odour Appreciation	SOURCE	PROJECT AERA	Comments	
						Time From	Time to									
1	Observer	WBEA-AM	56.760	-111.437	01/06/2014	12:53 PM	12:54:00 PM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Other: smells like rotten dead animal	Weak	Unpleasant	WebSite	Timberlea	
2	Observer	WBEA-KN	56.753	-111.430	02/06/2014	6:26 AM	6:31:00 AM	Healthy	Sunny/Clear Blue Sky	Calm Winds			Unpleasant	WebSite Smartphone	Timberlea	
3	Observer	WBEA-JP	56.717	-111.460	02/06/2014	9:47 PM	9:49:00 PM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Asphalt / tar	Medium	Unpleasant	WebSite Smartphone	Thickwood	
4	Observer	WBEA-JP	56.717	-111.460	02/06/2014	5:52 PM	6:14:00 PM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Asphalt / tar	Medium	Unpleasant	WebSite Smartphone	Thickwood	
5	Observer	WBEA-BW	56.731	-111.457	02/06/2014	9:30 PM	9:31:00 PM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Other: hydrocarbon	Weak	Unpleasant	WebSite	Thickwood	
6	Observer	WBEA-JP	56.717	-111.460	03/06/2014	7:08 AM	7:22:00 AM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Asphalt / tar	High	Very Unpleasant	WebSite Smartphone	Thickwood	
7	Observer	WBEA-KP	56.718	-111.466	03/06/2014	5:18 AM	7:18:00 AM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Asphalt / tar	Medium	Unpleasant	WebSite	Thickwood	
8	Observer	WBEA-KN	56.753	-111.430	03/06/2014	6:44 AM	7:34:00 AM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Asphalt / tar	High	Very Unpleasant	WebSite Smartphone	Timberlea	
9	Observer	WBEA-AM	56.760	-111.437	03/06/2014	7:36 AM	7:37:00 AM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Fuel / solvent	Medium	Unpleasant	WebSite	Timberlea	I noticed a fuel like the fuel smell in my apartment this morning. This prompted me to go outside to take this odor observation. It will be nice if this odor can be traced to the source to prevent future odor leak out.
10	Observer	WBEA-JW	56.731	-111.457	03/06/2014	11:30 PM	11:31:00 PM	Healthy	Cloudy	Calm Winds	Asphalt / tar	High	Very Unpleasant	WebSite	Thickwood	
11	Observer	WBEA-JP	56.732	-111.420	03/06/2014	7:02 PM	7:11:00 PM	Healthy	Rain	Calm Winds	Ammonia / Cat's pee	Medium	Very Unpleasant	WebSite Smartphone	Thickwood	undefined
12	Observer	WBEA-JW	56.731	-111.457	04/06/2014	8:00 AM	8:01:00 AM	Healthy	Rain	Calm Winds	Asphalt / tar	Weak	Unpleasant	WebSite	Thickwood	
13	Observer	WBEA-AM	56.721	-111.355	04/06/2014	12:57 PM	12:58:00 PM	Healthy	Cloudy	Windy	Fuel / solvent	Medium	Unpleasant	WebSite	Lower Townsite	
14	Observer	WBEA-AM	56.745	-111.466	05/06/2014	8:15 AM	8:16:00 AM	Healthy	Rain	Windy	Fuel / solvent	Weak	Unpleasant	WebSite	Timberlea	Odor was noticed within the compound of Timberlea Public School Fort McMurray Alberta. Please kindly help to trace the odor to the source and effect corrective actions to prevent future odor leak out so that we can ensure good air quality for the children attending this school and people living in this area.
15	Observer	WBEA-AM	56.760	-111.437	06/06/2014	9:06 AM	9:07:00 AM	Healthy	Cloudy	Calm Winds	Fuel / solvent	Weak	Unpleasant	WebSite	Timberlea	Odor was noticed by shoppers drugmart in Timberlea Fort McMurray.
16	Observer	WBEA-YA	56.764	-111.437	06/06/2014	6:10 PM	6:12:00 PM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Fecal / septic	Medium	Unpleasant	WebSite	Timberlea	
17	Observer	WBEA-KP	56.718	-111.466	07/06/2014	12:52 PM	12:53:00 PM	Healthy	Cloudy	Calm Winds	Asphalt / tar	Medium	Unpleasant	WebSite	Thickwood	
18	Observer	WBEA-CH	56.723	-111.379	08/06/2014	9:00 AM	9:04:00 AM	Healthy	Periods of Cloud	Calm Winds	Ammonia / Cat's pee	Medium	Unpleasant	WebSite	Lower Townsite	
19	Observer	WBEA-KN	56.753	-111.430	10/06/2014	6:45 AM	6:54:00 AM	Healthy	Cloudy	Calm Winds	Asphalt / tar	Weak	Very Unpleasant	WebSite Smartphone	Timberlea	
20	Observer	WBEA-KN	56.753	-111.430	12/06/2014	10:43 AM	10:53:00 AM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Fecal / septic	High	Very Unpleasant	WebSite Smartphone	Timberlea	This observation occurred at Confederation Way & Hwy 63
21	Observer	WBEA-LS	56.736	-111.420	14/06/2014	9:16 AM	9:17:00 AM	Healthy	Sunny/Clear Blue Sky	Windy			Unpleasant	WebSite Smartphone	Thickwood	Slightly oily smell
22	Observer	WBEA-LS	56.736	-111.420	16/06/2014	3:48 PM	3:52:00 PM	Healthy	Cloudy	Calm Winds	Fecal / septic	Weak	Unpleasant	WebSite Smartphone	Thickwood	Perhaps manure fertilizer
23	Observer	WBEA-KN	56.753	-111.430	16/06/2014	2:35 PM	3:00:00 PM	Healthy	Cloudy	Calm Winds	Skunk	Very Weak	Very Unpleasant	WebSite Smartphone	Timberlea	
24	Observer	WBEA-KN	56.753	-111.430	16/06/2014	7:10 PM	8:00:00 PM	Healthy	Cloudy	Calm Winds		High	Very Unpleasant	WebSite Smartphone	Timberlea	
25	Observer	WBEA-AM	56.760	-111.437	16/06/2014	6:05 AM	6:06:00 AM	Healthy	Cloudy	Calm Winds	Other: smells like manure	Medium	Unpleasant	WebSite	Timberlea	Similar odor like manure smell was noticed in downtown later
26	Observer	WBEA-LS	56.732	-111.420	17/06/2014	6:45 PM	6:46:00 PM	Healthy	Rain	Calm Winds	Skunk	Weak	Unpleasant	WebSite Smartphone	Thickwood	
27	Observer	WBEA-YA	56.726	-111.384	19/06/2014	7:51 AM	8:00:00 AM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Rotten Egg	High	Very Unpleasant	WebSite	Lower Townsite	Awful smell (Franklin & Main)
28	Observer	WBEA-AR	56.734	-111.465	20/06/2014	8:16 AM	8:30:00 AM	Healthy	Cloudy	Calm Winds	Fuel / solvent	Medium	Unpleasant	WebSite	Thickwood	The smell of money today.Winds from the north.
29	Observer	WBEA-KN	56.753	-111.430	20/06/2014	8:14 AM	8:18:00 AM	Healthy	Cloudy	Calm Winds	Asphalt / tar	Medium	Unpleasant	WebSite Smartphone	Timberlea	
30	Observer	WBEA-JP	56.717	-111.460	20/06/2014	8:21 AM	8:25:00 AM	Healthy	Cloudy	Calm Winds	Asphalt / tar	Medium	Unpleasant	WebSite Smartphone	Thickwood	
31	Observer	WBEA-KN	56.754	-111.430	21/06/2014	6:30 AM	8:30:00 AM	Healthy	Rain	Windy	Asphalt / tar	Weak	Unpleasant	WebSite Smartphone	Timberlea	
32	Observer	WBEA-JP	56.717	-111.460	21/06/2014	8:41 AM	8:45:00 AM	Healthy	Rain	Calm Winds	Asphalt / tar	Medium	Unpleasant	WebSite Smartphone	Thickwood	
33	Observer	WBEA-KP	56.718	-111.466	21/06/2014	8:52 AM	9:00:00 AM	Healthy	Rain	Calm Winds	Asphalt / tar	Weak	Unpleasant	WebSite	Thickwood	
34	Observer	WBEA-JW	56.731	-111.457	21/06/2014	7:30 AM	7:31:00 AM	Healthy	Rain	Calm Winds	Asphalt / tar	Medium	Unpleasant	WebSite	Thickwood	
35	Observer	WBEA-JP	56.717	-111.460	21/06/2014	10:53 AM	10:55:00 AM	Healthy	Rain	Calm Winds	Asphalt / tar	High	Very Unpleasant	WebSite Smartphone	Thickwood	
36	Observer	WBEA-JP	56.717	-111.460	21/06/2014	11:47 AM	11:50:00 AM	Healthy	Rain	Calm Winds	Ammonia / Cat's pee	High	Very Unpleasant	WebSite Smartphone	Thickwood	
37	Observer	WBEA-AR	56.734	-111.465	21/06/2014	8:31 AM	9:00:00 AM	Healthy	Rain	Calm Winds	Rotten Egg	High	Unpleasant	WebSite	Thickwood	I hope I am using the right designation for the oil site smell.
38	Observer	WBEA-AM	56.760	-111.437	22/06/2014	1:34 PM	1:35:00 PM	Healthy	Rain	Calm Winds	Fuel / solvent	Medium	Unpleasant	WebSite	Timberlea	Fuel smell was noticed in down town Fort McMurray a while later in the day on 6/22/2014 by 10003 Gordon Avenue Fort McMurray Canada
39	Observer	WBEA-KP	56.718	-111.466	23/06/2014	5:00 AM	7:00:00 AM	Healthy	Cloudy	Calm Winds	Asphalt / tar	Weak	Unpleasant	WebSite	Thickwood	
40	Observer	WBEA-AR	56.734	-111.465	23/06/2014	7:55 AM	7:56:00 AM	Healthy	Cloudy	Calm Winds	Chemical / Plastic	High	Unpleasant	WebSite	Thickwood	It is the smell from the sites.winds from the north

No. Obs.	Role	USERNAME	LAT	LON	DATE	Time From	Time to	Q1. Current Physical State	Q2. Weather Condition	Q3. Wind Condition	Q4. Type of Odour Perceived	Q5. Intensity of Odour Perceived	Q6. Odour Appreciation	SOURCE	PROJECT AERA	Comments
41	Observer	WBEA-AB	56.730	-111.450	23/06/2014	8:20 AM	9:00:00 AM	Healthy	Cloudy	Calm Winds	Other: smoke/bitumen	Medium	Unpleasant	WebSite	Thickwood	This smell only seems to occur in the mornings. I believe it comes from the flare stacks on Suncor/Syncrude sites.
42	Observer	WBEA-KP	56.718	-111.466	26/06/2014	8:22 PM	8:23:00 PM	Healthy	Periods of Cloud	Calm Winds	Burnt / smoke	Weak	Neutral	WebSite	Thickwood	
43	Observer	WBEA-JP	56.717	-111.460	26/06/2014	9:00 PM	9:15:00 PM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Asphalt / tar	Very High	Very Unpleasant	WebSite Smartphone	Thickwood	
44	Observer	WBEA-KP	56.718	-111.466	26/06/2014	8:34 PM	9:29:00 PM	Healthy	Periods of Cloud	Calm Winds	Burnt / smoke	Very High	Very Unpleasant	WebSite	Thickwood	
45	Observer	WBEA-KN	56.753	-111.430	26/06/2014	9:30 PM	9:36:00 PM	Healthy	Periods of Cloud	Calm Winds	Asphalt / tar	Medium	Unpleasant	WebSite Smartphone	Timberlea	
46	Observer	WBEA-JP	56.717	-111.460	26/06/2014	10:00 PM	10:35:00 PM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Asphalt / tar	High	Very Unpleasant	WebSite Smartphone	Thickwood	
47	Observer	WBEA-JP	56.717	-111.460	27/06/2014	7:11 AM	8:09:00 AM	Healthy	Cloudy	Calm Winds	Asphalt / tar	Medium	Very Unpleasant	WebSite Smartphone	Thickwood	
48	Observer	WBEA-JP	56.717	-111.460	27/06/2014	9:00 AM	9:26:00 AM	Healthy	Periods of Cloud	Calm Winds	Asphalt / tar	Medium	Unpleasant	WebSite Smartphone	Thickwood	
49	Observer	WBEA-KN	56.753	-111.430	27/06/2014	11:00 AM	3:00:00 PM	Healthy	Cloudy	Calm Winds	Burnt / smoke	High	Unpleasant	WebSite Smartphone	Timberlea	Smelled this at Stone Creek shopping centre
50	Observer	WBEA-KN	56.753	-111.430	27/06/2014	5:30 PM	6:00:00 PM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Burnt / smoke	High	Very Unpleasant	WebSite Smartphone	Timberlea	
51	Observer	WBEA-AM	56.760	-111.437	27/06/2014	1:17 PM	1:18:00 PM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Burnt / smoke	Weak	Unpleasant	WebSite	Timberlea	A building was on fire in this neighborhood on this day.
52	Observer	WBEA-LS	56.736	-111.420	28/06/2014	7:00 AM	7:05:00 AM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Fuel / solvent	Weak	Unpleasant	WebSite Smartphone	Thickwood	Blue ski above - fog on ground 13degrees c
53	Observer	WBEA-CF	56.756	-111.470	29/06/2014	7:30 AM	7:32:00 AM	Healthy	Cloudy	Windy	Burnt / smoke	Medium	Neutral	WebSite Smartphone	Timberlea	
54	Observer	WBEA-CF	56.756	-111.470	29/06/2014	9:45 AM	9:48:00 AM	Healthy	Cloudy	Windy	Burnt / smoke	Medium	Neutral	WebSite Smartphone	Timberlea	
55	Observer	WBEA-CF	56.755	-111.460	29/06/2014	12:00 PM	12:30:00 PM	Healthy	Cloudy	Windy	Burnt / smoke	Medium	Neutral	WebSite Smartphone	Timberlea	
56	Observer	WBEA-LS	56.732	-111.420	29/06/2014	1:16 PM	1:18:00 PM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Fecal / septic	Medium	Unpleasant	WebSite Smartphone	Thickwood	
57	Observer	WBEA-KN	56.753	-111.430	29/06/2014	2:00 PM	2:10:00 PM	Healthy	Cloudy	Windy	Burnt / smoke	Weak	Unpleasant	WebSite Smartphone	Timberlea	
58	Observer	WBEA-KN	56.753	-111.430	29/06/2014	5:50 PM	6:20:00 PM	Healthy	Cloudy	Very Windy	Burnt / smoke	Medium	Unpleasant	WebSite Smartphone	Timberlea	
59	Observer	WBEA-YA	56.757	-111.462	29/06/2014	9:45 AM	9:50:00 AM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Ammonia / Cat's pee	High	Unpleasant	WebSite	Timberlea	
60	Observer	WBEA-CH	56.764	-111.469	29/06/2014	10:00 PM	10:20:00 PM	Healthy	Cloudy	Calm Winds	Ammonia / Cat's pee	High	Very Unpleasant	WebSite	Timberlea	
61	Observer	WBEA-AM	56.760	-111.437	29/06/2014	6:39 PM	6:40:00 PM	Healthy	Sunny/Clear Blue Sky	Windy	Burnt / smoke	Medium	Unpleasant	WebSite	Timberlea	
62	Observer	WBEA-AM	56.760	-111.437	29/06/2014	11:01 PM	11:02:00 PM	Healthy	Cloudy	Windy	Fuel / solvent,Fecal / septic,	High	Unpleasant	WebSite	Timberlea	noticed.
63	Observer	WBEA-LS	56.736	-111.420	30/06/2014	8:28 AM	8:31:00 AM	Healthy	Sunny/Clear Blue Sky	Calm Winds		Weak	Neutral	WebSite Smartphone	Thickwood	You can smell the oilsands but not in a way that says eww
64	Observer	WBEA-AM	56.760	-111.437	30/06/2014	9:16 AM	9:17:00 AM	Healthy	Cloudy	Windy	Fuel / solvent	High	Unpleasant	WebSite	Timberlea	
65	Observer	WBEA-CF	56.756	-111.470	30/06/2014	7:00 AM	7:05:00 AM	Healthy	Cloudy	Calm Winds	Burnt / smoke	Medium	Neutral	WebSite Smartphone	Timberlea	
66	Observer	WBEA-CF	56.717	-111.361	30/06/2014	12:00 PM	12:30:00 PM	Healthy	Cloudy	Windy	Burnt / smoke	Medium	Neutral	WebSite	Lower Townsite	
67	Observer	WBEA-YA	56.764	-111.437	01/07/2014	7:00 AM	8:30:00 AM	Healthy	Cloudy	Calm Winds	Rotten Egg	High	Unpleasant	WebSite	Timberlea	
68	Observer	WBEA-KN	56.732	-111.370	01/07/2014	11:00 AM	11:14:00 AM	Healthy	Cloudy	Calm Winds	Fecal / septic	Medium	Unpleasant	WebSite Smartphone	Lower Townsite	
69	Observer	WBEA-AM	56.760	-111.437	03/07/2014	11:24 PM	11:25:00 PM	Healthy	Cloudy	Calm Winds	Fuel / solvent	Medium	Unpleasant	WebSite	Timberlea	
70	Observer	WBEA-KN	56.753	-111.430	07/07/2014	6:45 AM	6:50:00 AM	Healthy	Cloudy	Calm Winds	Burnt / smoke	Weak	Unpleasant	WebSite Smartphone	Timberlea	
71	Observer	WBEA-CF	56.756	-111.473	07/07/2014	6:50 AM	6:55:00 AM	Healthy	Cloudy	Calm Winds	Burnt / smoke	Weak	Neutral	WebSite	Timberlea	
72	Observer	WBEA-LS	56.736	-111.420	07/07/2014	9:45 AM	9:48:00 AM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Burnt / smoke	Weak	Neutral	WebSite Smartphone	Thickwood	
73	Observer	WBEA-AM	56.734	-111.465	07/07/2014	8:00 AM	11:30:00 AM	Healthy	Cloudy	Calm Winds	Burnt / smoke	High	Unpleasant	WebSite	Thickwood	Apparently from the forest fires in NWT
74	Observer	WBEA-AM	56.760	-111.437	07/07/2014	9:49 AM	9:50:00 AM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Burnt / smoke	Medium	Unpleasant	WebSite	Timberlea	McMurray later this morning.
75	Observer	WBEA-CF	56.717	-111.361	07/07/2014	12:00 PM	12:30:00 PM	Healthy	Periods of Cloud	Calm Winds	Burnt / smoke	Medium	Neutral	WebSite	Lower Townsite	
76	Observer	WBEA-CF	56.756	-111.473	07/07/2014	4:00 PM	4:35:00 PM	Healthy	Periods of Cloud	Calm Winds	Burnt / smoke	Medium	Neutral	WebSite	Timberlea	
77	Observer	WBEA-CH	56.734	-111.427	07/07/2014	10:00 AM	10:01:00 AM	Healthy	Cloudy	Calm Winds	Burnt / smoke	Medium	Unpleasant	WebSite	Thickwood	
78	Observer	WBEA-LS	56.726	-111.370	08/07/2014	2:44 PM	2:46:00 PM	Healthy	Sunny/Clear Blue Sky	Calm Winds		Weak	Neutral	WebSite Smartphone	Lower Townsite	
79	Observer	WBEA-LS	56.741	-111.410	08/07/2014	8:13 PM	8:15:00 PM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Skunk	Medium	Unpleasant	WebSite Smartphone	Thickwood	
80	Observer	WBEA-LS	56.736	-111.420	08/07/2014	8:13 PM	8:16:00 PM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Skunk	Medium	Unpleasant	WebSite Smartphone	Thickwood	
81	Observer	WBEA-YA	56.734	-111.426	11/07/2014	12:00 PM	12:10:00 PM	Healthy	Periods of Cloud	Calm Winds	Ammonia / Cat's pee	Medium	Unpleasant	WebSite	Thickwood	
82	Observer	WBEA-KN	56.753	-111.430	12/07/2014	8:32 AM	8:45:00 AM	Healthy	Cloudy	Calm Winds	Burnt / smoke	Medium	Unpleasant	WebSite Smartphone	Timberlea	
83	Observer	WBEA-KN	56.753	-111.430	12/07/2014	11:05 AM	11:15:00 AM	Sick	Cloudy	Calm Winds	Burnt / smoke	Medium	Unpleasant	WebSite Smartphone	Timberlea	

No. Obs.	Role	USERNAME	LAT	LON	DATE	Time From	Time to	Q1. Current Physical State	Q2. Weather Condition	Q3. Wind Condition	Q4. Type of Odour Perceived	Q5. Intensity of Odour Perceived	Q6. Odour Appreciation	SOURCE	PROJECT AERA	Comments
84	Observer	WBEA-CH	56.764	-111.469	12/07/2014	6:00 PM	10:00:00 PM	Healthy	Cloudy	Calm Winds	Burnt / smoke	High	Unpleasant	WebSite	Timberlea	
85	Observer	WBEA-CH	56.764	-111.469	12/07/2014	8:00 AM	10:00:00 AM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Fuel / solvent	Medium	Unpleasant	WebSite	Timberlea	
86	Observer	WBEA-CH	56.764	-111.469	16/07/2014	8:00 AM	12:00:00 PM	Healthy	Cloudy	Calm Winds	Burnt / smoke	Medium	Unpleasant	WebSite	Timberlea	
87	Observer	WBEA-CH	56.734	-111.426	16/07/2014	9:00 AM	12:00:00 PM	Healthy	Cloudy	Calm Winds	Asphalt / tar	Medium	Unpleasant	WebSite	Thickwood	
88	Observer	WBEA-AR	56.734	-111.465	16/07/2014	1:30 PM	1:31:00 PM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Burnt / smoke	Medium	Neutral	WebSite	Thickwood	From the Forest fires further north
89	Observer	WBEA-AR	56.734	-111.465	17/07/2014	2:00 PM	3:00:00 PM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Fuel / solvent	Weak	Unpleasant	WebSite	Thickwood	seemed to mix with the smoke
90	Observer	WBEA-AR	56.734	-111.465	17/07/2014	8:00 AM	8:30:00 AM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Fuel / solvent	Medium	Neutral	WebSite	Thickwood	Smell of money again
91	Observer	WBEA-KP	56.718	-111.466	18/07/2014	7:00 AM	8:00:00 AM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Asphalt / tar	High	Unpleasant	WebSite	Thickwood	some attributes of a combustion source
92	Observer	WBEA-SB	56.764	-111.437	18/07/2014	7:15 AM	7:16:00 AM	Healthy	Periods of Cloud	Calm Winds	Asphalt / tar,Burnt / smoke,	Medium	Unpleasant	WebSite	Timberlea	
93	Observer	WBEA-JP	56.722	-111.460	19/07/2014	8:10 PM	8:15:00 PM	Healthy	Cloudy	Windy	Fuel / solvent,Asphalt / tar,	Very High	Very Unpleasant	WebSite Smartphone	Thickwood	industrial plume is blowing in from the north. Worst smell in
94	Observer	WBEA-AB	56.730	-111.450	19/07/2014	5:01 PM	10:00:00 PM	Healthy	Periods of Cloud	Calm Winds	Burnt / smoke	Medium	Unpleasant	WebSite	Thickwood	Seemed like forest fire smoke.
95	Observer	WBEA-CF	56.756	-111.473	20/07/2014	9:05 AM	9:10:00 AM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Burnt / smoke	Medium	Neutral	WebSite	Timberlea	
96	Observer	WBEA-CF	56.756	-111.473	20/07/2014	11:00 AM	11:15:00 AM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Burnt / smoke	Medium	Neutral	WebSite	Timberlea	
97	Observer	WBEA-CF	56.756	-111.470	25/07/2014	6:50 AM	7:00:00 AM	Healthy	Periods of Cloud	Calm Winds	Asphalt / tar	High	Unpleasant	WebSite Smartphone	Timberlea	
98	Observer	WBEA-JP	56.717	-111.460	25/07/2014	7:00 AM	7:16:00 AM	Healthy	Cloudy	Windy	Asphalt / tar	Medium	Unpleasant	WebSite Smartphone	Thickwood	
99	Observer	WBEA-JP	56.717	-111.465	30/07/2014	10:25 AM	10:40:00 AM	Healthy	Rain	Very Windy	Asphalt / tar	High	Unpleasant	WebSite Smartphone	Thickwood	Thunder and lightning storm. Wind from North.
100	Observer	WBEA-KP	56.718	-111.466	30/07/2014	10:28 PM	10:38:00 PM	Healthy	Rain	Very Windy	Burnt / smoke	Very High	Very Unpleasant	WebSite	Thickwood	fuel combustion very pungent burning joint smells of burning wood and oilsands. Thunder and lightning but no rain and moderate wind
101	Observer	WBEA-LS	56.736	-111.420	31/07/2014	5:24 PM	5:25:00 PM	Healthy	Cloudy	Windy	Burnt / smoke,Other:Oilsands,	High	Unpleasant	WebSite Smartphone	Thickwood	
102	Observer	WBEA-JP	56.718	-111.466	31/07/2014	4:30 PM	8:00:00 PM	Healthy	Cloudy	Windy	Burnt / smoke	Very High	Very Unpleasant	WebSite	Thickwood	
103	Observer	WBEA-JP	56.718	-111.466	31/07/2014	7:30 PM	7:31:00 PM	Healthy	Cloudy	Very Windy	Ammonia / Cat's pee	High	Very Unpleasant	WebSite	Thickwood	
104	Observer	WBEA-YA	56.754	-111.438	31/07/2014	5:37 PM	5:47:00 PM	Healthy	Cloudy	Calm Winds	Burnt / smoke	Medium	Unpleasant	WebSite	Timberlea	
105	Observer	WBEA-AM	56.760	-111.437	31/07/2014	11:23 PM	11:24:00 PM	Healthy	Cloudy	Windy	Burnt / smoke	Medium	Unpleasant	WebSite	Timberlea	
106	Observer	WBEA-KN	56.759	-111.430	01/08/2014	4:20 PM	8:20:00 PM	Healthy	Cloudy	Windy	Burnt / smoke	High	Very Unpleasant	WebSite Smartphone	Timberlea	
107	Observer	WBEA-KN	56.753	-111.430	01/08/2014	8:20 AM	8:40:00 AM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Burnt / smoke	Medium	Very Unpleasant	WebSite Smartphone	Timberlea	The sky is not cloudy but hazy
108	Observer	WBEA-KN	56.758	-111.440	02/08/2014	4:05 PM	4:14:00 PM	Healthy	Periods of Cloud	Calm Winds	Burnt / smoke	Weak	Unpleasant	WebSite Smartphone	Timberlea	
109	Observer	WBEA-KN	56.753	-111.430	04/08/2014	5:15 PM	5:22:00 PM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Burnt / smoke	High	Very Unpleasant	WebSite Smartphone	Timberlea	Very hazy outside
110	Observer	WBEA-YA	56.764	-111.437	04/08/2014	5:45 PM	5:50:00 PM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Burnt / smoke	High	Neutral	WebSite	Timberlea	
111	Observer	WBEA-CF	56.756	-111.473	04/08/2014	7:00 PM	7:32:00 PM	Healthy	Cloudy	Very Windy	Burnt / smoke	High	Unpleasant	WebSite	Timberlea	
112	Observer	WBEA-CF	56.654	-111.294	04/08/2014	8:00 PM	8:16:00 PM	Healthy	Cloudy	Calm Winds	Burnt / smoke	Medium	Neutral	WebSite	Saline creek	
113	Observer	WBEA-KN	56.753	-111.430	05/08/2014	8:13 AM	8:24:00 AM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Burnt / smoke	High	Very Unpleasant	WebSite Smartphone	Timberlea	It's so hazy that I can't even see if the sky is blue lol
114	Observer	WBEA-KN	56.759	-111.430	05/08/2014	9:30 AM	9:50:00 AM	Sick						WebSite Smartphone	Timberlea	
115	Observer	WBEA-CF	56.756	-111.473	05/08/2014	7:00 AM	7:05:00 AM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Burnt / smoke	Medium	Neutral	WebSite	Timberlea	
116	Observer	WBEA-CF	56.717	-111.361	05/08/2014	12:00 PM	12:30:00 PM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Burnt / smoke	High	Unpleasant	WebSite	Lower Townsite	
117	Observer	WBEA-CF	56.717	-111.361	05/08/2014	2:30 PM	2:45:00 PM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Burnt / smoke	Medium	Neutral	WebSite	Lower Townsite	
118	Observer	WBEA-CF	56.756	-111.473	07/08/2014	6:50 AM	7:00:00 AM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Burnt / smoke	Medium	Neutral	WebSite	Timberlea	
119	Observer	WBEA-SB	56.669	-111.350	07/08/2014	10:45 AM	10:50:00 AM	Healthy	Periods of Cloud	Calm Winds	Fuel / solvent	Medium	Unpleasant	WebSite	Beacon hill	
120	Observer	WBEA-AB	56.730	-111.450	08/08/2014	7:30 AM	11:00:00 AM	Healthy	Sunny/Clear Blue Sky	Windy	Asphalt / tar,Fuel / solvent,	Medium	Unpleasant	WebSite	Thickwood	
121	Observer	WBEA-SB	56.756	-111.411	12/08/2014	4:50 PM	4:57:00 PM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Rotten Egg	High	Unpleasant	WebSite	Thickwood	
122	Observer	WBEA-SB	56.734	-111.427	14/08/2014	11:00 AM	1:50:00 PM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Burnt / smoke	Medium	Unpleasant	WebSite	Thickwood	
123	Observer	WBEA-CF	56.717	-111.361	14/08/2014	12:00 PM	12:30:00 PM	Healthy	Cloudy	Calm Winds	Burnt / smoke	Medium	Neutral	WebSite	Lower Townsite	
124	Observer	WBEA-CF	56.756	-111.473	16/08/2014	9:30 AM	9:44:00 AM	Healthy	Cloudy	Calm Winds	Burnt / smoke	Medium	Neutral	WebSite	Timberlea	
125	Observer	WBEA-YA	56.757	-111.462	17/08/2014	9:47 AM	10:40:00 AM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Burnt / smoke	Medium	Unpleasant	WebSite	Timberlea	
126	Observer	WBEA-CF	56.717	-111.361	18/08/2014	3:40 PM	4:00:00 PM	Healthy	Cloudy	Calm Winds	Burnt / smoke	Medium	Neutral	WebSite	Lower Townsite	
127	Observer	WBEA-CF	56.756	-111.473	18/08/2014	5:45 PM	5:55:00 PM	Healthy	Cloudy	Calm Winds	Asphalt / tar	Weak	Neutral	WebSite	Timberlea	
128	Observer	WBEA-LS	56.736	-111.420	18/08/2014	6:03 PM	6:05:00 PM	Healthy	Rain	Calm Winds	Fuel / solvent	Weak	Unpleasant	WebSite Smartphone	Thickwood	Light rain
129	Observer	WBEA-CF	56.756	-111.473	19/08/2014	6:40 AM	6:45:00 AM	Healthy	Rain	Calm Winds	Asphalt / tar	Weak	Neutral	WebSite	Timberlea	
130	Observer	WBEA-SB	56.752	-111.430	20/08/2014	12:00 PM	1:57:00 PM	Sick	Cloudy	Calm Winds	Rotten Egg	High	Unpleasant	WebSite Smartphone	Timberlea	
131	Observer	WBEA-US	56.755	-111.436	21/08/2014	6:00 PM	8:00:00 PM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Asphalt / tar,Fuel / solvent,	High	Unpleasant	WebSite	Timberlea	about 2 hours.
132	Observer	WBEA-US	56.755	-111.436	23/08/2014	5:50 PM	9:00:00 PM	Healthy	Sunny/Clear Blue Sky	Windy	Asphalt / tar	High	Unpleasant	WebSite	Timberlea	I could smell it as soon as I opened the balcony door.

No. Obs.	Role	USERNAME	LAT	LON	DATE	Time From	Time to	Q1. Current Physical State	Q2. Weather Condition	Q3. Wind Condition	Q4. Type of Odour Perceived	Q5. Intensity of Odour Perceived	Q6. Odour Appreciation	SOURCE	PROJECT AERA	Comments
133	Observer	WBEA-AM	56.760	-111.437	24/08/2014	7:23 AM	7:24:00 AM	Healthy	Cloudy	Calm Winds	Fuel / solvent	Medium	Unpleasant	WebSite	Timberlea	
134	Observer	WBEA-LS	56.736	-111.420	24/08/2014	8:20 AM	8:24:00 AM	Healthy	Cloudy	Calm Winds	Fuel / solvent	High	Very Unpleasant	WebSite Smartphone	Thickwood	Very heavy oil smell
135	Observer	WBEA-YA	56.764	-111.437	24/08/2014	8:30 AM	11:00:00 AM	Sick	Periods of Cloud	Windy	Ammonia / Cat's pee	Weak	Unpleasant	WebSite	Timberlea	
136	Observer	WBEA-AM	56.760	-111.437	26/08/2014	1:15 PM	1:16:00 PM	Healthy	Cloudy	Calm Winds	Burnt / smoke	Weak	Unpleasant	WebSite	Timberlea	Odor was noticed at the parking lot area
137	Observer	WBEA-JW	56.731	-111.457	26/08/2014	8:00 PM	8:01:00 PM	Healthy	Cloudy	Calm Winds	Other: hydrocarbon	Medium	Unpleasant	WebSite	Thickwood	
138	Observer	WBEA-JP	56.717	-111.460	26/08/2014	8:13 PM	8:23:00 PM	Healthy	Cloudy	Calm Winds	Asphalt / tar	High	Very Unpleasant	WebSite Smartphone	Thickwood	
139	Observer	WBEA-AR	56.734	-111.465	30/08/2014	9:00 AM	9:30:00 AM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Asphalt / tar	Medium	Unpleasant	WebSite	Thickwood	From Oil Sands
140	Observer	WBEA-AM	56.730	-111.379	02/09/2014	8:35 PM	8:36:00 PM	Healthy	Cloudy	Calm Winds	Fuel / solvent	Weak	Unpleasant	WebSite	Lower Townsite	
141	Observer	WBEA-YA	56.754	-111.438	04/09/2014	6:10 PM	6:15:00 PM	Healthy	Rain	Calm Winds	Rotten Egg	Medium	Unpleasant	WebSite	Timberlea	
142	Observer	WBEA-AM	56.760	-111.437	08/09/2014	8:13 AM	8:14:00 AM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Fuel / solvent	Medium	Unpleasant	WebSite	Timberlea	Odor noticed in the parking lot of 1158 Riverstone Ridge Fort McMurray Alberta Canada.
143	Observer	WBEA-AR	56.734	-111.465	08/09/2014	8:15 AM	8:40:00 AM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Fuel / solvent	Medium	Unpleasant	WebSite	Thickwood	WINDS FROM THE NORTH BRINGING US THE "SMELL OF MONEY" oIL SANDS SITE SMELL
144	Observer	WBEA-JP	56.718	-111.466	08/09/2014	3:26 PM	4:20:00 PM	Healthy	Cloudy	Calm Winds	Ammonia / Cat's pee	Very High	Very Unpleasant	WebSite	Thickwood	
145	Observer	WBEA-CF	56.756	-111.473	08/09/2014	5:30 PM	6:30:00 PM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Ammonia / Cat's pee	Medium	Neutral	WebSite	Timberlea	
146	Observer	WBEA-JP	56.717	-111.460	08/09/2014	6:22 PM	8:00 PM	Healthy	Cloudy	Calm Winds	Ammonia / Cat's pee	Very High	Very Unpleasant	WebSite Smartphone	Thickwood	
147	Observer	WBEA-LS	56.755	-111.442	08/09/2014	6:25 PM	6:40 PM	Healthy	Cloudy	Windy	Ammonia / Cat's pee	Medium	Unpleasant	WebSite	Timberlea	
148	Observer	WBEA-AM	56.760	-111.437	08/09/2014	5:31 PM	5:32 PM	Healthy	Cloudy	Calm Winds	Other	High	Unpleasant	WebSite	Timberlea	Initially an unpleasant smell similar to an odor that may come from pile of dirty/damp clothes or very strong body odor. The unpleasant smell feels a little like a choking smell. After a while a pleasant cooking smell was noticed like when you are frying bean cake (Akara). Odor classification was specified as unpleasant because I regard the unpleasant part of the observation as more serious than the pleasant part.
149	Observer	WBEA-LS	56.734	-111.428	09/09/2014	6:40 PM	6:44 PM	Healthy	Cloudy	Calm Winds	Fuel / solvent	Medium	Unpleasant	WebSite	Thickwood	
150	Observer	WBEA-AB	56.730	-111.450	12/09/2014	6:30 AM	10:00 AM	Healthy	Periods of Cloud	Calm Winds	Asphalt / tar	Medium	Unpleasant	WebSite	Thickwood	
151	Observer	WBEA-AM	56.760	-111.437	13/09/2014	10:15 PM	10:16 PM	Healthy	Cloudy	Calm Winds	Burnt / smoke	Weak	Unpleasant	WebSite	Timberlea	Ridge Fort McMurray Alberta T9K0V1
152	Observer	WBEA-LS	56.733	-111.429	14/09/2014	7:45 PM	7:55 PM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Burnt / smoke	Medium	Unpleasant	WebSite	Thickwood	
153	Observer	WBEA-JP	56.717	-111.460	15/09/2014	11:58 AM	12:15 PM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Ammonia / Cat's pee	High	Very Unpleasant	WebSite Smartphone	Thickwood	
154	Observer	WBEA-MP	56.723	-111.364	15/09/2014	12:35 PM	12:36 PM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Fuel / solvent	Weak	Unpleasant	Card	Lower Townsite	Drove away from odour. marks work warehouse. No response provided for Q6 - unpleasant was assigned
155	Observer	WBEA-JP	56.717	-111.460	16/09/2014	4:18 AM	6:29 AM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Ammonia / Cat's pee	Very High	Very Unpleasant	WebSite Smartphone	Thickwood	
156	Observer	WBEA-MP	56.732	-111.450	16/09/2014	4:20 AM	4:21 AM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Fuel / solvent	Weak	Unpleasant	WebSite Smartphone	Thickwood	While driving near home
157	Observer	WBEA-AM	56.760	-111.437	18/09/2014	10:49 AM	10:50 AM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Fuel / solvent	Medium	Unpleasant	WebSite	Timberlea	
158	Observer	WBEA-MP	56.734	-111.420	21/09/2014	10:00 AM	10:01 AM	Healthy	Sunny/Clear Blue Sky	Windy	Fuel / solvent	Medium	Unpleasant	WebSite Smartphone	Thickwood	Near has station
159	Observer	WBEA-CH	56.734	-111.426	22/09/2014	9:00 AM	9:01 AM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Chemical / Plastic	Medium	Unpleasant	WebSite	Thickwood	

No. Obs.	Role	USERNAME	LAT	LON	DATE	Time From	Time to	Q1. Current Physical State	Q2. Weather Condition	Q3. Wind Condition	Q4. Type of Odour Perceived	Q5. Intensity of Odour Perceived	Q6. Odour Appreciation	SOURCE	PROJECT AERA	Comments
160	Observer	WBEA-AM	56.760	-111.437	23/09/2014	10:54 AM	10:55 AM	Healthy	Cloudy	Calm Winds	Fuel / solvent	Medium	Unpleasant	WebSite	Timberlea	I noticed a tanker at petro-canada gas station this morning at the time the odor was perceived. Considering the closeness of the gas station to my apartment I thought probably this odor might be from the gas station if the tanker was delivering fuel. But after driving a considerable distance fuel smell was also noticed by the parking lot at Timberlea Public school.I noticed that I did not remember to include the weather condition in the initial record on my phone but I think it might be just cloudy at the time of the observation. So I recorded cloudy for the weather condition in this report.
161	Observer	WBEA-AM	56.745	-111.466	23/09/2014	11:02 AM	11:03 AM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Fuel / solvent	Weak	Unpleasant	WebSite	Timberlea	Odor was noticed by parking lot to Timberlea Public School.Health ok. Except that I have a little neck pain today.
162	Observer	WBEA-YA	56.753	-111.460	23/09/2014	6:25 PM	6:33 PM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Burnt / smoke	High	Neutral	WebSite	Timberlea	
163	Observer	WBEA-LS	56.738	-111.420	24/09/2014	7:39 PM	7:41 PM	Healthy	Cloudy	Calm Winds	Fecal / septic	Medium	Unpleasant	WebSite Smartphone	Thickwood	
164	Observer	WBEA-JP	56.756	-111.460	25/09/2014	4:38 PM	4:41 PM	Healthy	Cloudy	Calm Winds	Ammonia / Cat's pee	Medium	Unpleasant	WebSite Smartphone	Timberlea	
165	Observer	WBEA-JP	56.717	-111.460	25/09/2014	6:13 PM	6:23 PM	Healthy	Cloudy	Calm Winds	Ammonia / Cat's pee	High	Very Unpleasant	WebSite Smartphone	Thickwood	
166	Observer	WBEA-YA	56.764	-111.437	28/09/2014	2:07 PM	2:12 PM	Healthy	Sunny/Clear Blue Sky	Windy	Burnt / smoke	High	Neutral	WebSite	Timberlea	
167	Observer	WBEA-JP	56.721	-111.460	30/09/2014	2:04 PM	2:12 PM	Healthy	Cloudy	Calm Winds	Asphalt / tar,Fuel / solvent,	Very High	Very Unpleasant	WebSite Smartphone	Thickwood	
168	Observer	WBEA-US	56.755	-111.436	30/09/2014	2:16 PM	3:32 PM	Healthy	Rain	Calm Winds	Asphalt / tar,Fuel / solvent,	Medium	Neutral	WebSite	Timberlea	
169	Observer	WBEA-SB	56.764	-111.437	05/10/2014	1:00 PM	1:14 PM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Asphalt / tar	High	Unpleasant	WebSite	Timberlea	Oil Sand Smell
170	Observer	WBEA-YA	56.754	-111.438	06/10/2014	5:35 PM	5:45 PM	Healthy	Periods of Cloud	Windy	Rotten Egg	Weak	Unpleasant	WebSite	Timberlea	
171	Observer	WBEA-CH	56.760	-111.437	07/10/2014	9:00 AM	12:00 PM	Healthy	Cloudy	Calm Winds	Other: Burnt tires	High	Very Unpleasant	WebSite	Timberlea	
172	Observer	WBEA-YA	56.764	-111.437	18/10/2014	1:45 PM	1:50 PM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Burnt / smoke	High	Unpleasant	WebSite	Timberlea	Strong localized smoke smell to one side of the street. When facing the back of my home no smoke smell.
173	Observer	WBEA-AM	56.760	-111.437	22/10/2014	10:53 AM	10:54 AM	Healthy	Cloudy	Calm Winds	Natural gas	Weak	Unpleasant	WebSite	Timberlea	Cooking Gas Odor was noticed at 1158 Riverstone Ridge Fort McMurray. Cooking Gas odor was also noticed by the parking lot of Timberlea public school a little while after the first odor was noticed.
174	Observer	WBEA-AR	56.769	-111.425	23/10/2014	8:20 AM	8:44 AM	Healthy	Cloudy	Calm Winds	Other: FURNACE EXHAUST FROM burnco	High	Very Unpleasant	WebSite	Timberlea	The cool air was causing the furnace smoke to settle to the ground. Was not very pleasant do drive through and feel it in my eyes and nose.It was like a light fog
175	Observer	WBEA-JP	56.734	-111.420	27/10/2014	8:02 PM	8:17 PM	Healthy	Cloudy	Calm Winds	Ammonia / Cat's pee	Very High	Very Unpleasant	WebSite Smartphone	Thickwood	
176	Observer	WBEA-AM	56.760	-111.437	29/10/2014	8:17 AM	8:18 AM	Healthy	Cloudy	Calm Winds	Other: Smells like burning tire	Weak	Unpleasant	WebSite	Timberlea	This smell was noticed few minutes before the time recorded. I was taking the kids to school at the time and I don't want to be late so I couldn't record the odor at that time. The odor was also noticed by Timberlea public school in Fort McMurray Alberta. The odor is like that of a burning tire.
177	Observer	WBEA-SB	56.758	-111.414	31/10/2014	4:35 PM	4:38 PM	Healthy	Cloudy	Calm Winds	Rotten Egg	Medium	Unpleasant	WebSite	Timberlea	
178	Observer	WBEA-AM	56.760	-111.437	03/11/2014	2:45 PM	2:46 PM	Healthy	Snow	Calm Winds	fuel/solvent, fecal/septic	Weak	Unpleasant	WebSite	Timberlea	A while before the time recorded above it smells like a mixture of fuel and burning tire. At 2:45 PM it smells like fuel smell. At 2:46 PM it smells like fecal smell.
179	Observer	WBEA-YA	56.735	-111.434	03/11/2014	8:55 AM	8:58 AM	Healthy	Periods of Cloud	Calm Winds	Rotten Egg	High	Unpleasant	WebSite	Thickwood	Smelled odour in vicinity of school and residential area.
180	Observer	WBEA-AM	56.760	-111.437	05/11/2014	8:21 AM	8:22 AM	Healthy	Cloudy	Calm Winds	Burnt / smoke	Weak	Unpleasant	WebSite	Timberlea	Burnt Smell was first noticed a little earlier than the time specified. I was taking my kids to school at the time. Burnt smell was also notice by Timberlea Public school Fort McMurray..

No. Obs.	Role	USERNAME	LAT	LON	DATE	Time From	Time to	Q1. Current Physical State	Q2. Weather Condition	Q3. Wind Condition	Q4. Type of Odour Perceived	Q5. Intensity of Odour Perceived	Q6. Odour Appreciation	SOURCE	PROJECT AERA	Comments
181	Observer	WBEA-YA	56.757	-111.423	07/11/2014	8:53 PM	8:55 PM	Healthy	Periods of Cloud	Calm Winds	Asphalt / tar	High	Unpleasant	WebSite	Timberlea	Smelled on Confederation way just before entering Hwy 63
182	Observer	WBEA-SB	56.644	-111.227	12/11/2014	11:00 PM	11:10 PM	Healthy	Cloudy	Calm Winds	Fuel / solvent	Medium	Unpleasant	WebSite	Saline creek	
183	Observer	WBEA-CH	56.772	-111.420	14/11/2014	4:00 PM	4:01 PM	Healthy	Cloudy	Windy	Fecal / septic	Medium	Unpleasant	WebSite	Timberlea	
184	Observer	WBEA-CH	56.764	-111.469	19/11/2014	12:40 PM	1:40 PM	Healthy	Sunny/Clear Blue Sky	Windy	Asphalt / tar	Medium	Unpleasant	WebSite	Timberlea	
185	Observer	WBEA-JP	56.718	-111.466	21/11/2014	2:45 PM	4:12 PM	Healthy	Cloudy	Calm Winds	Ammonia / Cat's pee	Medium	Unpleasant	WebSite	Thickwood	
186	Observer	WBEA-CF	56.732	-111.432	23/11/2014	4:00 PM	4:04 PM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Asphalt / tar	Medium	Neutral	WebSite	Thickwood	
187	Observer	WBEA-YA	56.735	-111.434	26/11/2014	9:05 AM	9:08 AM	Healthy	Cloudy	Calm Winds	Burnt / smoke	Weak	Neutral	WebSite	Thickwood	
188	Observer	WBEA-YA	56.738	-111.405	04/12/2014	12:04 PM	12:05 PM	Healthy	Periods of Cloud	Calm Winds	Fuel / solvent	Very High	Very Unpleasant	WebSite	Thickwood	While driving on Hwy 63 (towards downtown)
189	Observer	WBEA-CF	56.756	-111.473	10/12/2014	6:10 PM	6:12 PM	Healthy	Periods of Cloud	Calm Winds	Asphalt / tar	Medium	Neutral	WebSite	Timberlea	
190	Observer	WBEA-CF	56.756	-111.473	13/12/2014	8:40 AM	8:45 AM	Healthy	Cloudy	Calm Winds	Burnt / smoke	Medium	Neutral	WebSite	Timberlea	
191	Observer	WBEA-AM	56.760	-111.437	13/12/2014	4:05 PM	4:06 PM	Healthy	Cloudy	Calm Winds	Burnt / smoke	Weak	Unpleasant	WebSite	Timberlea	Odor was noticed outside building B at 115B Riverstone Ridge Fort McMurray. AB
192	Observer	WBEA-CF	56.756	-111.473	14/12/2014	12:00 PM	12:05 PM	Healthy	Cloudy	Calm Winds	Asphalt / tar	Medium	Neutral	WebSite	Timberlea	
193	Observer	WBEA-YA	56.735	-111.423	15/12/2014	8:48 AM	8:49 AM	Healthy	Snow	Calm Winds	Fuel / solvent,Other: fuel, gas smell,	Medium	Unpleasant	WebSite	Thickwood	
194	Observer	WBEA-AM	56.760	-111.437	26/12/2014	5:58 PM	5:59 PM	Healthy	Cloudy	Calm Winds	Fuel / solvent	Weak	Unpleasant	WebSite	Timberlea	
195	Observer	WBEA-CH	56.659	-111.326	06/01/2015	9:00 AM	11:30 AM	Healthy	Cloudy	Windy	Fuel / solvent	High	Very Unpleasant	WebSite	Greigoire	
196	Observer	WBEA-LS	56.737	-111.419	08/01/2015	3:43 PM	3:46 PM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Fecal / septic	Medium	Unpleasant	WebSite	Thickwood	
197	Observer	WBEA-AR	56.756	-111.429	10/01/2015	11:00 AM	11:15 AM	Healthy	Periods of Cloud	Calm Winds	Fecal / septic	Medium	Unpleasant	WebSite	Timberlea	First time in a long time I have smelled the water treatment plant
198	Observer	WBEA-CF	56.756	-111.473	13/01/2015	6:50 AM	6:53 AM	Healthy	Cloudy	Calm Winds	Asphalt / tar	Medium	Neutral	WebSite	Timberlea	
199	Observer	WBEA-LS	56.735	-111.426	14/01/2015	8:10 PM	8:11 PM	Healthy	Snow	Windy	Fuel / solvent	Weak	Unpleasant	WebSite	Thickwood	smelled like diesel fuel
200	Observer	WBEA-AM	56.746	-111.462	14/01/2015	8:08 AM	8:09 AM	Healthy	Cloudy	Calm Winds	Fecal / septic	Weak	Unpleasant	WebSite	Timberlea	
201	Observer	WBEA-KN	56.760	-111.418	14/01/2015	4:30 PM	4:31 PM	Healthy	Cloudy	Windy	Fecal / septic	High	Very Unpleasant	WebSite	Timberlea	Driving up the Confederation Way overpass at Hwy 63. I was able to smell it through the closed car windows.
202	Observer	WBEA-LS	56.736	-111.428	18/01/2015	3:54 PM	3:55 PM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Natural gas	Weak	Neutral	WebSite	Thickwood	
203	Observer	WBEA-KN	56.758	-111.440	19/01/2015	3:49 PM	3:50 PM	Healthy	Cloudy	Calm Winds	Natural gas	Medium	Unpleasant	WebSite	Timberlea	I smelled it while walking to work.
204	Observer	WBEA-CF	56.756	-111.473	19/01/2015	6:55 AM	6:57 AM	Healthy	Cloudy	Calm Winds	Fuel / solvent	Medium	Unpleasant	WebSite	Timberlea	
205	Observer	WBEA-AM	56.757	-111.461	19/01/2015	3:00 PM	3:01 PM	Healthy	Cloudy	Calm Winds	Fuel / solvent	Medium	Unpleasant	WebSite	Timberlea	Odor noticed at extra foods' parking lot.
206	Observer	WBEA-KN	56.758	-111.441	19/01/2015	10:07 PM	10:08 PM	Healthy	Cloudy	Calm Winds	Natural gas	Medium	Unpleasant	WebSite	Timberlea	I smelled while walking home from work the exact location I smelled 4 hours earlier.
207	Observer	WBEA-AM	56.760	-111.437	19/01/2015	7:53 AM	7:54 AM	Healthy	Cloudy	Calm Winds	Fuel / solvent	Medium	Unpleasant	WebSite	Timberlea	
208	Observer	WBEA-KN	56.758	-111.441	20/01/2015	10:10 PM	10:11 PM	Healthy	Cloudy	Calm Winds	Skunk	Weak	Unpleasant	WebSite	Timberlea	The smell was only in a small location. I walked through it in about one-meter. I had to walk back to make sure I actually smelled something because it was gone so quickly but it was there.
209	Observer	WBEA-LS	56.712	-111.352	21/01/2015	8:18 AM	8:19 AM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Natural gas	Medium	Unpleasant	WebSite	Lower Townsite	still smell it as I am walking into work
210	Observer	WBEA-LS	56.736	-111.428	21/01/2015	8:02 AM	8:04 AM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Natural gas	Medium	Unpleasant	WebSite	Thickwood	Friend picked me up for work. She had noticed the smell at her house too (Duncan Drive).
211	Observer	WBEA-US	56.755	-111.436	22/01/2015	6:15 AM	7:18 AM	Healthy	Rain	Windy	Burnt / smoke	Medium	Neutral	WebSite	Timberlea	Smells like wood stove burning or fireplace.
212	Observer	WBEA-LS	56.731	-111.392	22/01/2015	8:10 AM	8:11 AM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Natural gas	High	Very Unpleasant	WebSite	Lower Townsite	Coming into Downtown on the drive to work. Very strong smell. Don't normally get smells inside the vehicle on our drive but sure did this time. Yuck!
213	Observer	WBEA-KN	56.758	-111.441	24/01/2015	10:36 PM	10:37 PM	Healthy	Rain	Calm Winds	Natural gas	Medium	Unpleasant	WebSite	Timberlea	Same location as Jan. 19
214	Observer	WBEA-KN	56.758	-111.441	25/01/2015	10:08 PM	10:09 PM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Natural gas	Medium	Unpleasant	WebSite	Timberlea	The weather conditions were dark and stary. There seems to be a smelly pocket of gas close to the Save-On-Foods store.
215	Observer	WBEA-AR	56.725	-111.374	30/01/2015	9:05 PM	9:12 PM	Healthy	Cloudy	Windy	Natural gas	Medium	Unpleasant	WebSite	Lower Townsite	Driving home from work and going up Franklin from Reidel. The odour was quite prevalent and appeared to be localized from Reidel to Father Mercredi
216	Observer	WBEA-KN	56.758	-111.440	01/02/2015	5:19 PM	5:20 PM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Natural gas	Medium	Unpleasant	WebSite	Timberlea	
217	Observer	WBEA-LS	56.732	-111.400	01/02/2015	1:55 PM	1:56 PM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Fecal / septic	High	Very Unpleasant	WebSite	Thickwood	crossing bridge from downtown - could smell inside the vehicle quite strong.
218	Observer	WBEA-LS	56.734	-111.427	03/02/2015	4:06 PM	4:07 PM	Healthy	Cloudy	Windy	Fuel / solvent	Medium	Unpleasant	WebSite	Thickwood	
219	Observer	WBEA-BM	56.751	-111.457	04/02/2015	12:30 PM	12:35 PM	Healthy	Snow	Windy	Burnt / smoke	Medium	Unpleasant	WebSite	Timberlea	It smelled more like burnt plastic rather than burnt smoke.
220	Observer	WBEA-CF	56.756	-111.473	19/02/2015	6:10 PM	6:15 PM	Healthy	Periods of Cloud	Calm Winds	Fuel / solvent	Medium	Unpleasant	WebSite	Timberlea	

No. Obs.	Role	USERNAME	LAT	LON	DATE	Time From	Time to	Q1. Current Physical State	Q2. Weather Condition	Q3. Wind Condition	Q4. Type of Odour Perceived	Q5. Intensity of Odour Perceived	Q6. Odour Appreciation	SOURCE	PROJECT AERA	Comments
221	Observer	WBEA-CH	56.734	-111.426	04/01/2015	12:00 PM	12:59 PM	Healthy	Cloudy	Very Windy	Fecal / septic	Medium	Unpleasant	WebSite	Thickwood	
222	Observer	WBEA-KP	56.718	-111.466	06/03/2015	10:13 AM	10:32 AM	Healthy	Sunny/Clear Blue Sky	Windy	Asphalt / tar	Medium	Unpleasant	WebSite	Thickwood	
223	Observer	WBEA-AM	56.760	-111.437	11/03/2015	7:52 AM	7:53 AM	Healthy	Cloudy	Calm Winds	Fuel / solvent	Medium	Unpleasant	WebSite	Timberlea	Shortly after the fuel smell was noticed another foul smell like septic smell was also noticed.
224	Observer	WBEA-AM	56.746	-111.461	11/03/2015	10:59 AM	11:00 AM	Healthy	Cloudy	Calm Winds	Fuel / solvent	Medium	Unpleasant	WebSite	Timberlea	Fuel Smell was noticed by Timberlea Public School Area.
225	Observer	WBEA-CF	56.756	-111.473	11/03/2015	6:55 AM	7:00 AM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Fuel / solvent	Medium	Unpleasant	WebSite	Timberlea	
226	Observer	WBEA-CF	56.756	-111.473	12/03/2015	6:55 AM	7:00 AM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Fuel / solvent	Medium	Unpleasant	WebSite	Timberlea	
227	Observer	WBEA-US	56.755	-111.436	12/03/2015	7:32 AM	9:00 AM	Healthy	Cloudy	Calm Winds	Burnt / smoke	Medium	Pleasant	WebSite	Timberlea	Smelled like burning wood mild intensity
228	Observer	WBEA-US	56.755	-111.436	12/03/2015	10:12 AM	11:57 PM	Healthy	Cloudy	Calm Winds	Burnt / smoke	Very High	Neutral	WebSite	Timberlea	Very strong smell (even inside the lobby of the apartment) almost as intense as forest fire.
229	Observer	WBEA-CF	56.756	-111.473	14/03/2015	8:45 PM	8:50 PM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Burnt / smoke	Medium	Unpleasant	WebSite	Timberlea	
230	Observer	WBEA-CF	56.756	-111.470	17/03/2015	6:10 PM	6:15 PM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Burnt / smoke	Medium	Unpleasant	WebSite Smartphone	Timberlea	
231	Observer	WBEA-CF	56.756	-111.473	18/03/2015	5:30 PM	5:32 PM	Healthy	Periods of Cloud	Calm Winds	Fuel / solvent	Medium	Unpleasant	WebSite	Timberlea	
232	Observer	WBEA-CH	56.764	-111.469	18/03/2015	5:00 PM	6:00 PM	Healthy	Periods of Cloud	Calm Winds	Asphalt / tar	Medium	Unpleasant	WebSite	Timberlea	
233	Observer	WBEA-CH	56.734	-111.426	18/03/2015	4:00 PM	5:00 PM	Healthy	Periods of Cloud	Windy	Asphalt / tar	Medium	Unpleasant	WebSite	Thickwood	
234	Observer	WBEA-AB	56.730	-111.450	18/03/2015	4:30 PM	4:31 PM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Asphalt / tar	Medium	Unpleasant	WebSite	Thickwood	
235	Observer	WBEA-SB	56.760	-111.415	19/03/2015	4:53 PM	4:56 PM	Healthy	Periods of Cloud	Calm Winds	Asphalt / tar, Chemical / Plastic,	Medium	Unpleasant	WebSite	Timberlea	
236	Observer	WBEA-CF	56.756	-111.473	23/03/2015	5:40 PM	5:44 PM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Fuel / solvent	Medium	Unpleasant	WebSite	Timberlea	
237	Observer	WBEA-CH	56.731	-111.440	23/03/2015	4:00 PM	5:00 PM	Healthy	Cloudy	Calm Winds	Fecal / septic	Medium	Unpleasant	WebSite	Thickwood	
238	Observer	WBEA-CH	56.756	-111.413	24/03/2015	8:00 AM	9:00 AM	Healthy	Cloudy	Calm Winds	Fecal / septic	Medium	Unpleasant	WebSite	Timberlea	
239	Observer	WBEA-SB	56.764	-111.437	25/03/2015	8:00 PM	8:30 PM	Healthy	Cloudy	Calm Winds	Burnt / smoke	Medium	Unpleasant	WebSite	Timberlea	
240	Observer	WBEA-AR	56.769	-111.419	29/03/2015	10:15 AM	10:30 AM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Fecal / septic	Medium	Unpleasant	WebSite	Timberlea	I was driving in the area of the Water Treatment plant and in the area for about 15 minutes and the odour was constant. The wind direction was from the east.
241	Observer	WBEA-CH	56.724	-111.449	30/03/2015	5:00 PM	6:00 PM	Healthy	Cloudy	Very Windy	Ammonia / Cat's pee	Medium	Unpleasant	WebSite	Thickwood	
242	Observer	WBEA-LS	56.735	-111.426	15/04/2015	7:52 PM	7:55 PM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Natural gas	Medium	Unpleasant	WebSite	Thickwood	right by pipe gas "corridor" was windy earlier but okay.
243	Observer	WBEA-LS	56.737	-111.420	15/04/2015	7:47 PM	7:48 PM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Fecal / septic	Weak	Unpleasant	WebSite	Thickwood	
244	Observer	WBEA-CF	56.734	-111.446	19/04/2015	11:10 AM	11:15 AM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Skunk	Medium	Unpleasant	WebSite	Thickwood	by birchwood trails-?bear
245	Observer	WBEA-LS	56.735	-111.446	19/04/2015	11:15 AM	11:16 AM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Skunk	Medium	Unpleasant	WebSite	Thickwood	more skunk like less "weed" like
246	Observer	WBEA-AM	56.760	-111.437	20/04/2015	10:49 AM	10:50 AM	Healthy	Cloudy	Calm Winds	Fuel / solvent	Weak	Unpleasant	WebSite	Timberlea	
247	Observer	WBEA-AM	56.746	-111.462	20/04/2015	10:58 AM	10:59 AM	Healthy	Cloudy	Calm Winds	Fuel / solvent	Weak	Unpleasant	WebSite	Timberlea	At 10:58 AM Odor was noticed by the parking lot at Timberlea Public School Fort McMurray.
248	Observer	WBEA-CH	38.749	-77.463	20/04/2015	4:40 PM	5:00 PM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Chemical / Plastic	Medium	Unpleasant	WebSite	Timberlea	
249	Observer	WBEA-AM	56.760	-111.437	21/04/2015	7:55 AM	7:56 AM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Fuel / solvent	Weak	Unpleasant	WebSite	Timberlea	Fuel Smell was also noticed by the parking lot area of Timberlea Public School Fort McMurray this morning. At 8:05AM I will classify the fuel smell by the parking lot of Timberlea Public School as medium unpleasant. On getting back home the fuel smell can still be perceived. Knowing that there are some days with odor like this it might be good to ensure that odor like this can be traced to the source and ensure real-time feedback anytime people notice this odor in the community so that anybody / organization that have operations resulting in this kind of odor can make due adjustments for the benefit of all.
250	Observer	WBEA-CH	56.764	-111.469	21/04/2015	7:30 AM	8:06 AM	Healthy	Sunny/Clear Blue Sky	Windy	Asphalt / tar	High	Unpleasant	WebSite	Timberlea	
251	Observer	WBEA-LS	56.741	-111.417	21/04/2015	6:51 PM	6:52 PM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Fecal / septic	Weak	Neutral	WebSite	Thickwood	
252	Observer	WBEA-LS	56.736	-111.428	28/04/2015	8:08 AM	8:09 AM	Healthy	Cloudy	Calm Winds	Fuel / solvent	Weak	Neutral	WebSite	Thickwood	had 'notes' of diesel fuel specifically as opposed to regular fuel. And no it wasn't my truck.
253	Observer	WBEA-LS	56.736	-111.428	01/05/2015	10:10 PM	10:12 PM	Healthy	Cloudy	Calm Winds	Burnt / smoke	Weak	Neutral	WebSite	Thickwood	
254	Observer	WBEA-LS	56.734	-111.427	02/05/2015	4:09 PM	4:13 PM	Healthy	Periods of Cloud	Calm Winds	Other: garbage dump	Medium	Unpleasant	WebSite	Thickwood	strong smell of rotting garbage
255	Observer	WBEA-LS	56.736	-111.425	03/05/2015	1:32 PM	1:33 PM	Healthy	Cloudy	Windy	Other: acetone	Medium	Unpleasant	WebSite	Thickwood	smelled like nail-polish remover (outside - weird)
256	Observer	WBEA-YA	56.735	-111.434	05/05/2015	9:00 AM	9:02 AM	Healthy	Cloudy	Windy	Burnt / smoke	Medium	Neutral	WebSite	Thickwood	burning smell like wood burning
257	Observer	WBEA-CF	56.756	-111.473	06/05/2015	6:55 AM	7:00 AM	Healthy	Rain	Windy	Fuel / solvent	Medium	Unpleasant	WebSite	Timberlea	

No. Obs.	Role	USERNAME	LAT	LON	DATE	Time From	Time to	Q1. Current Physical State	Q2. Weather Condition	Q3. Wind Condition	Q4. Type of Odour Perceived	Q5. Intensity of Odour Perceived	Q6. Odour Appreciation	SOURCE	PROJECT AERA	Comments
258	Observer	WBEA-LS	56.735	-111.425	06/05/2015	8:05 PM	8:07 PM	Healthy	Periods of Cloud	Windy	Skunk	Medium	Unpleasant	WebSite	Thickwood	Perhaps more like "wacky tobaccy" than skunk but you get the idea
259	Observer	WBEA-CF	56.751	-111.471	09/05/2015	7:10 PM	7:20 PM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Burnt / smoke	Medium	Unpleasant	WebSite	Timberlea	burning grass?
260	Observer	WBEA-LS	56.744	-111.412	10/05/2015	1:09 PM	1:11 PM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Ammonia / Cat's pee	Weak	Unpleasant	WebSite	Thickwood	reminded me of the diaper pail when my kids were little
261	Observer	WBEA-CF	56.716	-111.363	12/05/2015	2:45 PM	2:55 PM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Chemical / Plastic	Medium	Unpleasant	WebSite	Lower Townsite	smelled like burning rubber or plastic
262	Observer	WBEA-LS	56.744	-111.413	18/05/2015	8:22 PM	8:38 PM	Healthy	Sunny/Clear Blue Sky	Windy	Skunk,Natural gas,Ammonia / Cat's pee,	Medium	Unpleasant	WebSite	Thickwood	Out for a walk coming up Timberlea. First smelled what smelled like sewer and wet diapers. Continued on the walk and smelled skunk (wacky tobaccy?) and then a little further still the lovely sent of natural gas. what a delightful walk - not
263	Observer	WBEA-LS	56.736	-111.428	20/05/2015	10:10 PM	10:16 PM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Burnt / smoke	Medium	Unpleasant	WebSite	Thickwood	
264	Observer	WBEA-CF	56.756	-111.473	24/05/2015	9:45 AM	10:00 AM	Healthy	Periods of Cloud	Calm Winds	Burnt / smoke	Medium	Unpleasant	WebSite	Timberlea	?forest fire
265	Observer	WBEA-YA	56.764	-111.437	25/05/2015	8:50 AM	8:53 AM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Rotten Egg	Medium	Unpleasant	WebSite	Timberlea	
266	Observer	WBEA-US	56.755	-111.436	25/05/2015	3:08 PM	4:24 PM	Healthy	Cloudy	Calm Winds	Asphalt / tar,Fuel / solvent,	High	Neutral	WebSite	Timberlea	Similar to the smell at oilsands site - very intense.
267	Observer	WBEA-CF	56.756	-111.473	26/05/2015	6:55 AM	7:00 AM	Healthy	Sunny/Clear Blue Sky	Windy	Fuel / solvent	Medium	Unpleasant	WebSite	Timberlea	
268	Observer	WBEA-LS	56.732	-111.457	26/05/2015	7:30 AM	7:54 AM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Fuel / solvent	Medium	Unpleasant	WebSite	Thickwood	
269	Observer	WBEA-CF	56.756	-111.473	27/05/2015	6:45 AM	6:50 AM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Burnt / smoke	Medium	Unpleasant	WebSite	Timberlea	?forest fire
270	Observer	WBEA-MP	56.732	-111.450	27/05/2015	10:40 AM	10:45 AM	Healthy	Cloudy	Calm Winds	Burnt / smoke	High	Unpleasant	WebSite Smartphone	Thickwood	Forest Fire smoke...forest fires in Alberts
271	Observer	WBEA-YA	56.754	-111.438	27/05/2015	8:55 AM	9:00 AM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Burnt / smoke	Medium	Neutral	WebSite	Timberlea	
272	Observer	WBEA-LS	56.736	-111.428	27/05/2015	8:03 AM	8:05 AM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Fuel / solvent	Medium	Unpleasant	WebSite	Thickwood	
273	Observer	WBEA-US	56.755	-111.436	30/05/2015	1:13 AM	9:00 AM	Healthy	Cloudy	Calm Winds	Burnt / smoke	Very High	Neutral	WebSite	Timberlea	It was like wood burning but very intense and the atmosphere was smoky (forest fire?).
274	Observer	WBEA-MP	56.732	-111.450	31/05/2015	11:55 PM	11:57 PM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Burnt / smoke	Very High	Very Unpleasant	WebSite Smartphone	Thickwood	Calm night...orange moon. Local fires reported near the airport. Smoggy.
275	Observer	WBEA-CF	56.731	-111.427	31/05/2015	2:00 PM	3:00 PM	Healthy	Cloudy	Calm Winds	Burnt / smoke	Medium	Unpleasant	WebSite	Thickwood	forest fire south of town
276	Observer	WBEA-KN	56.753	-111.436	18/04/2015	6:15 PM	6:16 PM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Burnt / smoke	Medium	Unpleasant	WebSite	Timberlea	Walking home from work at Grouse and Sparrow Hawk
277	Observer	WBEA-KN	56.753	-111.436	15/05/2015	12:26 PM	12:27 PM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Fecal / septic	High	Very Unpleasant	WebSite	Timberlea	Driving home at the overpass of Hwy 63 and Confederation.
278	Observer	WBEA-KN	56.753	-111.436	22/05/2015	7:15 AM	7:16 AM	Healthy	Sunny/Clear Blue Sky	Calm Winds	Burnt / smoke	High	Unpleasant	WebSite	Timberlea	I did yard work starting at 7:15 am until about 3 pm and got use