



MEMORANDUM

To: Jerome MacNeil; Donnie Burke; Geoff Verner; Ellen Gushue; Barbara Mattie
From: Peter Weaver
Date: November 16, 2012
Subject: Odour Monitoring Daily Report; November 15, 2012

Weather Conditions	Overcast
Precipitation	Rain
Wind Direction	North/North East
Wind Speed	Strong Winds (25 km/h or higher)
Temperature	6 °C - 7 °C

Four and one half rounds of monitoring were conducted today with no quantifiable site-related odours detected.

Please find attached:

- Odour Monitoring Data Sheets for November 15, 2012
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: November 15, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:02	3								X		
7:13	6								X		
7:18	7								X		
7:23	8								X		
7:29	9								X		
7:38	10							X		515	Not site related – other activity in the area
7:49	12								X		
7:56	17								X		
8:01	13								X		
8:06	14								X		
8:11	15								X		
8:16	16								X		
8:32	5								X		
8:39	1								X		
8:46	11								X		
8:52	2								X		
8:57	4								X		

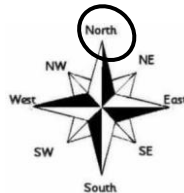
Weather Conditions

- Mostly Sunny
- Partly Cloudy
- Mostly Cloudy
- Overcast
- Hazy

Precipitation

- None
- Fog
- Rain
- Sleet
- Snow

Wind Direction (Blowing From)



Wind Speed

- Calm
- Light Breeze (1 – 8 km/h)
- Moderate Wind (8 – 25 km/h)
- Strong Winds (25 km/h or higher)

Temperature: ____6____ °C

Relative Humidity: ____83____ %

Barometric Pressure: ____102.78____ kpa

Notes:

Date Signed: November 15, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: November 15, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:20	3								X		
9:26	6								X		
9:31	7								X		
9:37	8								X		
9:42	9								X		
9:48	10							X		515	Not site related – other activity in the area
10:15	12								X		
10:21	17								X		
10:26	13								X		
10:31	14								X		
10:36	15								X		
10:41	16								X		
10:57	5								X		
11:05	1								X		
11:11	11								X		
11:18	2								X		
11:23	4							X		514	Not site related – other activity in the area

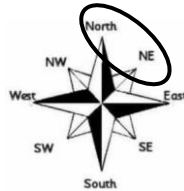
Weather Conditions

- Mostly Sunny
- Partly Cloudy
- Mostly Cloudy
- Overcast
- Hazy

Precipitation

- None
- Fog
- Rain
- Sleet
- Snow

Wind Direction (Blowing From)



Wind Speed

- Calm
- Light Breeze (1 – 8 km/h)
- Moderate Wind (8 – 25 km/h)
- Strong Winds (25 km/h or higher)

Temperature: ____6__ °C

Relative Humidity: ____89__ %

Barometric Pressure: ____102.81__ kpa

Notes:

Date Signed: November 15, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: November 15, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
11:30	3								X		
11:40	6								X		
11:45	7								X		
11:50	8								X		
11:55	9								X		
12:00	10							X		515	Not site related – other activity in the area
12:49	12								X		
12:59	17								X		
1:06	13								X		
1:11	14								X		
1:16	15								X		
1:21	16								X		
1:32	5								X		
1:42	1								X		
1:49	11								X		
1:55	2								X		
2:01	4								X		

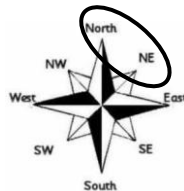
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- Mostly Sunny
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- Hazy

Precipitation

- None
- Fog
- Rain
- Sleet
- Snow

Wind Direction (Blowing From)



Wind Speed

- Calm
- Light Breeze (1 – 8 km/h)
- Moderate Wind (8 – 25 km/h)
- Strong Winds (25 km/h or higher)

Temperature: ____6____ °C

Relative Humidity: ____88____ %

Barometric Pressure: ____102.75____ kpa

Notes:

Date Signed: November 15, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: November 15, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
2:15	3								X		
2:21	6								X		
2:26	7								X		
2:31	8								X		
2:36	9								X		
2:41	10							X		515	Not site related – other activity in the area
3:17	12								X		
3:23	17								X		
3:28	13								X		
3:35	14								X		
3:40	15								X		
3:45	16								X		
3:54	5								X		
4:01	1								X		
4:11	11								X		
4:16	2								X		
4:21	4								X		

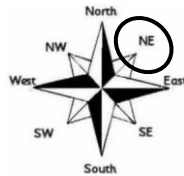
Weather Conditions

- Mostly Sunny
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Precipitation

- None
- Fog
- Rain
- Sleet
- Snow

Wind Direction (Blowing From)



Wind Speed

- Calm
- Light Breeze (1 – 8 km/h)
- Moderate Wind (8 – 25 km/h)
- Strong Winds (25 km/h or higher)

Temperature: ____7____ °C

Relative Humidity: ____96____ %

Barometric Pressure: ____102.49____ kpa

Notes:

Date Signed: November 15, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: November 15, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
4:30	3								X		
4:37	6								X		
4:42	7								X		
4:48	8								X		
4:53	9								X		

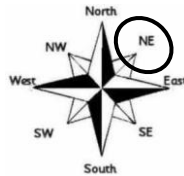
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Precipitation

- None
- Fog
- Rain
- Sleet
- Snow

Wind Direction (Blowing From)



Wind Speed

- Calm
- Light Breeze (1 – 8 km/h)
- Moderate Wind (8 – 25 km/h)
- Strong Winds (25 km/h or higher)

Temperature: 7 °C

Relative Humidity: 99 %

Barometric Pressure: 102.47 kpa

Notes:

Date Signed: November 15, 2012

Name: Denise Walker

Signature: Denise Walker

Table 1 - Odour Monitoring Circuit
Air Monitoring Plan - Odour (AMPO)

Location No.	Description	Latitude (Degrees (°) Minutes (') Seconds ("))	Longitude (Degrees (°) Minutes (') Seconds ("))
01	Forrest St.	N46° 8' 48.18"	W60° 10' 4.50"
02	FAST Furniture	N46° 8' 30.76"	W60° 10' 37.56"
03	Bus Station – Terminal Road	N46° 8' 28.30"	W60° 11' 7.55"
04	French School	N46° 8' 28.36"	W60° 10' 58.23"
05	Near Coke Oven Security Trailer	N46° 8' 55.56"	W60° 10' 7.74"
06	Fence Line – Prince and Terminal	N46° 8' 21.97"	W60° 11' 17.20"
07	Intercolonial Ambient Air Station (L5)	N46° 8' 33.36"	W60° 11' 24.30"
08	Corner of Intercolonial and Ferry Streets	N46° 8' 39.45"	W60° 11' 31.14"
09	DesBarres Street Ambient Air Station (L6)	N46° 8' 49.72"	W60° 11' 49.66"
10	Battery Point next to Fire Hydrant	N46° 8' 58.81"	W60° 12' 7.61"
11	Victoria Road Ambient Air Station (L1)	N46° 8' 42.97"	W60° 10' 32.62"
12	NS Lands Office Cul-de-sac	N46° 8' 51.94"	W60° 10' 56.32"
13	Currys Lane Ambient Air Station (L2)	N46° 9' 5.86"	W60° 10' 43.18"
14	Playground on Laurier Street Extension	N46° 9' 8.30"	W60° 10' 55.86"
15	200 m past Laurier Street Extension	N46° 9' 10.05"	W60° 11' 6.63"
16	Bottom of Henry Street	N46° 9' 16.30"	W60° 11' 17.60"
17	Fredrick St.	N46° 9' 10.26"	W60° 10' 12.12"

Odor Descriptors

