



MEMORANDUM

To: Jerome MacNeil; Donnie Burke; Geoff Verner; Ellen Gushue; Barbara Mattie
From: Peter Weaver
Date: November 20, 2012
Subject: Odour Monitoring Daily Report; November 16, 2012

Weather Conditions	Overcast
Precipitation	Rain
Wind Direction	North/North West
Wind Speed	Moderate Winds (8 - 25 km/h)
Temperature	6 °C - 7 °C

Four and one half rounds of monitoring were conducted today with no quantifiable site-related odours greater than <2 detected.

Please find attached:

- Odour Monitoring Data Sheets for November 16, 2012
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: November 16, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:03	3								X		
7:12	6							X		515	Not site related – other activity in the area
7:17	7								X		
7:22	8								X		
7:27	9								X		
7:33	10							X		515	Not site related – other activity in the area
7:51	12								X		
7:57	17								X		
8:03	13								X		
8:08	14								X		
8:13	15								X		
8:18	16								X		
8:31	5								X		
8:37	1								X		
8:43	11								X		
8:48	2								X		
8:51	4								X		

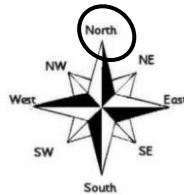
Weather Conditions

- 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: ____98____ %

Barometric Pressure: ____102.03____ kpa

Notes:

Date Signed: November 16, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: November 16, 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		
9:44	8								X		
9:50	9								X		
9:58	10							X		515	Not site related – other activity in the area
10:08	12								X		
10:14	17								X		
10:19	13								X		
10:24	14								X		
10:29	15								X		
10:34	16								X		
10:51	5								X		
11:13	1								X		
11:22	11								X		
11:27	2								X		
11:32	4								X		

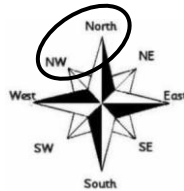
Weather Conditions

- 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: ____100____ %

Barometric Pressure: ____102.00____ kpa

Notes:

Date Signed: November 16, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: November 16, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
11:37	3								X		
11:42	6								X		
11:47	7								X		
11:52	8								X		
11:57	9								X		
12:02	10							X		515	Not site related – other activity in the area
12:40	12								X		
12:47	17								X		
12:53	13								X		
12:58	14								X		
1:04	15								X		
1:09	16								X		
1:19	5								X		
1:27	1								X		
1:34	11								X		
1:39	2								X		
1:44	4								X		

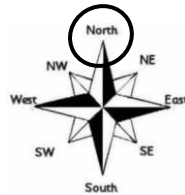
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Precipitation

- None
- Fog
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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: ____94____ %

Barometric Pressure: ____102.06____ kpa

Notes:

Date Signed: November 16, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: November 16, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
2:05	3								X		
2:12	6								X		
2:18	7								X		
2:23	8							X		712	Slight site odour
2:30	9							X		712/415	Slight site odour
2:39	10						X			515	Not site related – other activity in the area
2:49	12								X		
2:56	17								X		
3:04	13								X		
3:09	14								X		
3:14	15								X		
3:19	16								X		
3:30	5								X		
3:36	1								X		
3:42	11								X		
3:47	2								X		
3:52	4								X		

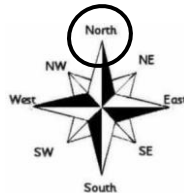
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- Hazy

Precipitation

- None
- Fog
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- 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: ____91____%

Barometric Pressure: ____101.98____ kpa

Notes:

Date Signed: November 16, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: November 16, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
4:10	3								X		
4:16	6								X		
4:21	7								X		
4:26	8								X		
4:31	9								X		
4:38	10						X			515	Not site related – other activity in the area
4:48	12								X		

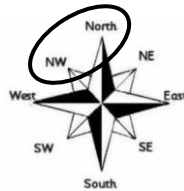
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Precipitation

- 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: ____6__ °C

Relative Humidity: ____90__ %

Barometric Pressure: ____101.97__ kpa

Notes:

Date Signed: November 16, 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

