



MEMORANDUM

To: Jerome MacNeil; Donnie Burke; Geoff Verner; Ellen Gushue; Barbara Mattie
From: Peter Weaver
Date: December 11, 2012
Subject: Odour Monitoring Daily Report; December 6, 2012

Weather Conditions	Partly Cloudy
Precipitation	None
Wind Direction	West/North West
Wind Speed	Moderate Winds (8 - 25 km/h)
Temperature	2 °C - 4 °C

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

Please find attached:

- Odour Monitoring Data Sheets for December 6, 2012
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: December 6, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:00	3								X		
7:10	6								X		
7:15	7								X		
7:20	8								X		
7:25	9								X		
7:33	10								X		
7:46	12								X		
7:52	17								X		
7:58	13								X		
8:03	14								X		
8:08	15								X		
8:13	16								X		
8:27	5								X		
8:39	1								X		
8:46	11								X		
8:51	2								X		
8:56	4								X		

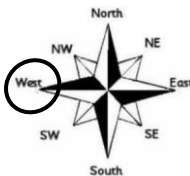
Weather Conditions

- 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: 3 °C

Relative Humidity: 90 %

Barometric Pressure: 100.42 kpa

Notes:

Date Signed: December 6, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: December 6, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:15	3								X		
9:21	6								X		
9:45	7								X		
9:51	8								X		
9:56	9								X		
10:01	10								X		
10:11	12								X		
10:25	17								X		
10:31	13								X		
10:36	14								X		
10:41	15								X		
10:46	16								X		
10:57	5								X		
11:19	1								X		
11:26	11								X		
11:31	2								X		
11:36	4								X		

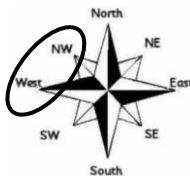
Weather Conditions

- 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: 2 °C

Relative Humidity: 90 %

Barometric Pressure: 100.59 kpa

Notes:

Date Signed: December 6, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: December 6, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
12:30	3								X		
12:37	6								X		
12:42	7							X		411	Slight site odour
12:47	8							X		411	Slight site odour
12:52	9							X		515	Not site related – other activity in the area
12:57	10						X			515	Not site related – other activity in the area
1:07	12								X		
1:14	17								X		
1:20	13								X		
1:25	14								X		
1:30	15								X		
1:35	16								X		
1:47	5								X		
2:03	1								X		
2:10	11								X		
2:15	2								X		
2:20	4								X		

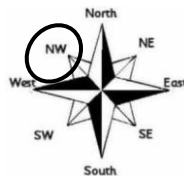
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- Hazy

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: ____4____ °C

Relative Humidity: ____78____ %

Barometric Pressure: ____100.67____ kpa

Notes:

Date Signed: December 6, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: December 6, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
3:00	3								X		
3:06	6								X		
3:11	7								X		
3:16	8								X		
3:21	9								X		
3:26	10								X		
3:36	12						X			515	Not site related – other activity in the area
3:43	17								X		
3:50	13								X		
3:55	14								X		
4:00	15								X		
4:05	16								X		
4:19	5								X		
4:30	1								X		
4:37	11								X		
4:42	2								X		
4:47	4								X		

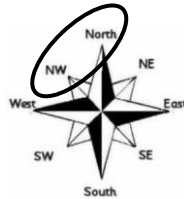
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Wind Direction (Blowing From)



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- Strong Winds (25 km/h or higher)

Temperature: ____4____ °C

Relative Humidity: ____71____%

Barometric Pressure: ____100.71____ kpa

Notes:

Date Signed: December 6, 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

