



## MEMORANDUM

**To:** Jerome MacNeil; Donnie Burke; Geoff Verner; Ellen Gushue; Barbara Mattie  
**From:** Peter Weaver  
**Date:** December 5, 2012  
**Subject:** Odour Monitoring Daily Report; December 4, 2012

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<b>Weather Conditions</b>	Overcast
<b>Precipitation</b>	None
<b>Wind Direction</b>	North/North West
<b>Wind Speed</b>	Moderate Winds (8 - 25 km/h)
<b>Temperature</b>	3 °C - 4 °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 December 4, 2012
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: December 4, 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		515	Not site related – other activity in the area
7:30	10						X			515	Not site related – other activity in the area
7:40	12								X		
7:47	17								X		
7:53	13								X		
7:58	14								X		
8:03	15								X		
8:08	16								X		
8:18	5								X		
8:27	1								X		
8:33	11								X		
8:38	2								X		
8:43	4								X		

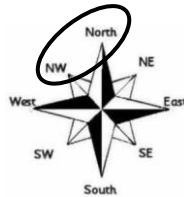
Weather Conditions

- 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: \_\_\_\_94\_\_\_\_ %

Barometric Pressure: \_\_\_\_102.29\_\_\_\_ kpa

Notes:

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Date Signed: December 4, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: December 4, 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		
9:36	8								X		
9:41	9							X		515	Not site related – other activity in the area
9:46	10								X		
10:08	12								X		
10:14	17								X		
10:20	13								X		
10:25	14								X		
10:30	15								X		
10:35	16								X		
10:45	5								X		
10:51	1								X		
10:57	11								X		
11:04	2								X		
11:10	4								X		

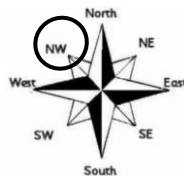
Weather Conditions

- 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: \_\_\_\_92\_\_\_\_ %

Barometric Pressure: \_\_\_\_102.50\_\_\_\_ kpa

Notes:

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Date Signed: December 4, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: December 4, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
11:20	3								X		
11:26	6								X		
11:31	7								X		
11:36	8								X		
11:41	9							X		515	Not site related – other activity in the area
11:46	10								X		
12:35	12								X		
12:42	17								X		
12:49	13								X		
12:54	14								X		
12:59	15								X		
1:05	16								X		
1:15	5								X		
1:21	1								X		
1:27	11								X		
1:32	2								X		
1:37	4								X		

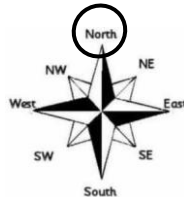
Weather Conditions

- Mostly Sunny
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- 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: \_\_\_\_102.62\_\_\_\_ kpa

Notes:

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Date Signed: December 4, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: December 4, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
2:00	3								X		
2:13	6								X		
2:20	7								X		
2:25	8								X		
2:38	9							X		515	Not site related – other activity in the area
2:43	10								X		
2:53	12								X		
2:59	17								X		
3:05	13								X		
3:10	14								X		
3:15	15								X		
3:20	16								X		
3:45	5								X		
3:51	1								X		
3:58	11								X		
4:03	2								X		
4:08	4								X		

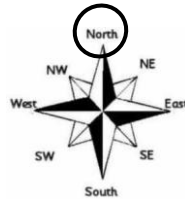
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- Mostly Cloudy
- Overcast
- Hazy

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: \_\_\_\_4\_\_\_\_ °C

Relative Humidity: \_\_\_\_86\_\_\_\_ %

Barometric Pressure: \_\_\_\_102.49\_\_\_\_ kpa

Notes:

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Date Signed: December 4, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: December 4, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
4:20	3								X		
4:26	6								X		
4:31	7								X		
4:36	8								X		
4:41	9								X		
4:46	10								X		

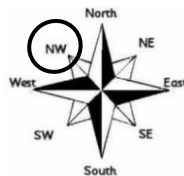
Weather Conditions

- 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:   3   °C

Relative Humidity:   87   %

Barometric Pressure:   102.45   kpa

Notes:

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Date Signed: December 4, 2012

Name: Denise Walker

Signature: Denise Walker



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

<b>Location No.</b>	<b>Description</b>	<b>Latitude (Degrees (°) Minutes (') Seconds (")</b>	<b>Longitude (Degrees (°) Minutes (') Seconds (")</b>
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

