



## MEMORANDUM

**To:** Jerome MacNeil; Donnie Burke; Geoff Verner; Ellen Gushue; Barbara Mattie

**From:** Peter Weaver

**Date:** January 10, 2013

**Subject:** Odour Monitoring Daily Report; January 9, 2013

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<b>Weather Conditions</b>	Mostly Cloudy
<b>Precipitation</b>	None
<b>Wind Direction</b>	West/North West
<b>Wind Speed</b>	Moderate Winds (8 - 25 km/h)
<b>Temperature</b>	0 °C - 1 °C

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

Please find attached:

- Odour Monitoring Data Sheets for January 9, 2013
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: January 9, 2013

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:02	3								X		
7:12	6								X		
7:18	7								X		
7:23	8								X		
7:28	9								X		
7:33	10								X		
7:53	12								X		
8:01	17								X		
8:08	13								X		
8:13	14								X		
8:19	15								X		
8:24	16								X		
8:40	5								X		
8:47	1								X		
8:53	11								X		
8:58	2								X		
9:03	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: \_\_\_ -1 \_\_\_ °C

Relative Humidity: \_\_\_ 79 \_\_\_ %

Barometric Pressure: \_\_\_ 102.31 \_\_\_ kpa

Notes:

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Date Signed: January 9, 2013

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: January 9, 2013

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:35	3								X		
9:41	6								X		
9:46	7								X		
9:51	8								X		
9:56	9								X		
10:01	10							X		515	Not site related – other activity in the area
10:30	12								X		
10:36	17								X		
10:41	13								X		
10:46	14								X		
10:51	15								X		
10:56	16								X		
11:07	5								X		
11:14	1								X		
11:21	11								X		
11:26	2								X		
11:31	4								X		

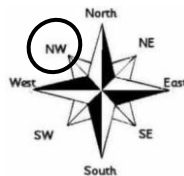
Weather Conditions

- 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: \_\_\_\_0\_\_\_\_ °C

Relative Humidity: \_\_\_\_72\_\_\_\_ %

Barometric Pressure: \_\_\_\_102.48\_\_\_\_ kpa

Notes:

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Date Signed: January 9, 2013

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: January 9, 2013

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
12:40	3								X		
12:48	6								X		
12:56	7								X		
1:15	8								X		
1:21	9								X		
1:26	10							X		515	Not site related – other activity in the area
1:38	12								X		
1:44	17								X		
1:54	13								X		
2:00	14								X		
2:05	15								X		
2:10	16								X		
2:29	5								X		
2:38	1								X		
2:44	11								X		
2:50	2								X		
2:55	4								X		

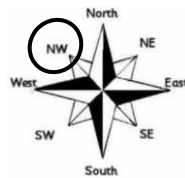
Weather Conditions

- 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: \_\_\_\_0\_\_\_\_ °C

Relative Humidity: \_\_\_\_68\_\_\_\_ %

Barometric Pressure: \_\_\_\_102.71\_\_\_\_ kpa

Notes:

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Date Signed: January 9, 2013

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: January 9, 2013

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
3:25	3								X		
3:32	6								X		
3:37	7								X		
3:42	8								X		
3:47	9								X		
3:52	10								X		
4:05	12								X		
4:11	17								X		
4:16	13								X		
4:22	14								X		
4:27	15								X		
4:32	16								X		

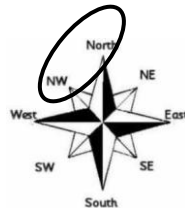
Weather Conditions

- 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: \_\_\_\_1\_\_\_\_ °C

Relative Humidity: \_\_\_\_60\_\_\_\_ %

Barometric Pressure: \_\_\_\_102.58\_\_\_\_ kpa

Notes:

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Date Signed: January 9, 2013

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

