



## MEMORANDUM

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

**From:** Dawn MacNeil

**Date:** September 24, 2012

**Subject:** Odour Monitoring Daily Report; September 20, 2012

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<b>Weather Conditions</b>	Overcast
<b>Precipitation</b>	<b>Rain</b>
<b>Wind Direction</b>	North/North East
<b>Wind Speed</b>	Moderate Wind (8 -25 km/h)
<b>Temperature</b>	14 C - 19 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 September 20, 2012
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



**ODOUR MONITORING DATA SHEET**

DATE: September 20, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:03	3								X		
7:12	6								X		
7:17	7								X		
7:22	8								X		
7:29	9								X		
7:34	10							X		515	Non site related: other activities in area
7:53	12								X		
7:59	17								X		
8:06	13								X		
8:11	14								X		
8:16	15								X		
8:21	16								X		
8:33	5								X		
8:40	1								X		
8:46	11								X		
8:51	2								X		
8:56	4								X		

Weather Conditions

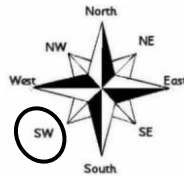
Precipitation

Wind Direction (Blowing From)

Wind Speed

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

- None
- Fog
- Rain
- Sleet
- Snow



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

Temperature: 19 °C

Relative Humidity: 86 %

Barometric Pressure: 102.16 kpa

Notes:

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Date Signed: September 20, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: September 20, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
12:33	3								X		
12:40	6								X		
12:45	7								X		
12:50	8							X		515	Non site related: other activities in area
12:57	9								X		
1:03	10						X			515	Non site related: other activities in area
1:20	12								X		
1:30	17								X		
1:36	13								X		
1:41	14								X		
1:46	15								X		
1:51	16								X		
2:00	5								X		
2:07	1								X		
2:13	11								X		
2:18	2								X		
2:23	4								X		

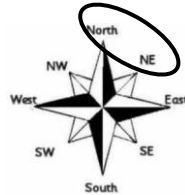
Weather Conditions

- 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: 14 °C

Relative Humidity: 89 %

Barometric Pressure: 102.32 kpa

Notes:

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Date Signed: September 20, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: September 20, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
12:33	3								X		
12:40	6								X		
12:45	7								X		
12:50	8								X		
12:57	9								X		
1:03	10						X			515	Non site related: other activities in area
1:20	12								X		
1:30	17								X		
1:36	13								X		
1:41	14								X		
1:46	15								X		
1:51	16								X		
2:00	5								X		
2:07	1								X		
2:13	11								X		
2:18	2								X		
2:23	4								X		

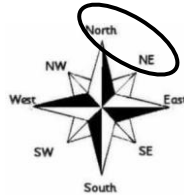
Weather Conditions

- 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: 14 °C

Relative Humidity: 90 %

Barometric Pressure: 102.44 kpa

Notes:

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Date Signed: September 20, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: September 20, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
2:40	3								X		
2:48	6								X		
2:53	7								X		
2:58	8								X		
3:03	9								X		
3:09	10							X		515	Non site related: other activities in area
3:19	12								X		
3:26	17								X		
3:33	13								X		
3:38	14								X		
3:43	15								X		
3:48	16								X		
3:59	5								X		
4:05	1								X		
4:11	11								X		
4:18	2								X		
4:25	4								X		

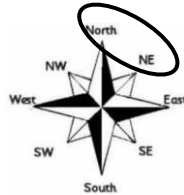
Weather Conditions

- 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: 14 °C

Relative Humidity: 90 %

Barometric Pressure: 102.44 kpa

Notes:

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Date Signed: September 20, 2012

Name: Denise Walker

Signature: Denise Walker



**ODOUR MONITORING DATA SHEET**

DATE: September 20, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
4:34	3								X		
4:40	6								X		
4:45	7								X		
4:50	8								X		

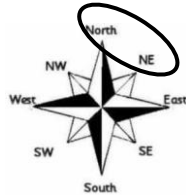
Weather Conditions

- 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: 15 °C

Relative Humidity: 90 %

Barometric Pressure: 102.41 kpa

Notes: \_\_\_\_\_  
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Date Signed: September 20, 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

