



## MEMORANDUM

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

**From:** Dawn MacNeil

**Date:** April 20, 2012

**Subject:** Odour Monitoring Daily Report; April 19, 2012

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<b>Weather Conditions</b>	Partly Cloudy
<b>Precipitation</b>	None
<b>Wind Direction</b>	North/North West
<b>Wind Speed</b>	Moderate Winds (8 - 25 km/h)
<b>Temperature</b>	-1 °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 April 19, 2012
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: April 19, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:00	5								X		
7:06	1								X		
7:12	11								X		
7:19	2								X		
7:25	4								X		
7:31	3								X		
7:37	6								X		
7:42	7								X		
7:46	8								X		
7:52	9								X		
7:58	10							X		515	WWTP – not site related
8:10	12								X		
8:17	17								X		
8:23	13								X		
8:39	14								X		
8:46	15								X		
9:03	16								X		

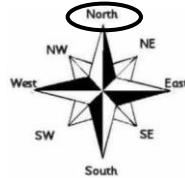
Weather Conditions

- 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: \_\_\_73\_\_\_ %

Barometric Pressure: \_\_\_102.02\_\_\_ kPa

Notes:

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Date Signed: April 19, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: April 19, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:10	5								X		
9:16	1								X		
9:23	11								X		
9:29	2								X		
9:35	4								X		
9:40	3								X		
9:46	6								X		
9:52	7								X		
9:58	8								X		
10:05	9								X		
10:11	10							X		515	WWTP – not site related
10:19	12								X		
10:24	17								X		
10:30	13								X		
10:36	14								X		
10:42	15								X		
10:49	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:   0   °C Relative Humidity:   73   %

Barometric Pressure:  102.06  kPa

Notes:

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Date Signed: April 19, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: April 19, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
11:05	5								X		
11:10	1								X		
11:16	11								X		
11:22	2								X		
11:28	4								X		
11:33	3								X		
11:36	6							X		515	Not site related - sewer
11:41	7								X		
11:43	8								X		
11:49	9							X		515	Not site related - sewer
11:56	10							X		515	WWTP – not site related
1:00	12							X		515	Not site related - sewer
1:10	17								X		
1:15	13								X		
1:20	14								X		
1:26	15								X		
1:31	16								X		

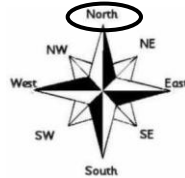
Weather Conditions

- 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: 77 %

Barometric Pressure: 102.08 kPa

Notes:

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Date Signed: April 19, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: April 19, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
1:39	5								X		
1:45	1								X		
1:51	11								X		
1:56	2								X		
2:02	4								X		
2:05	3								X		
2:10	6							X		515	Not site related - sewer
2:16	7								X		
2:21	8								X		
2:26	9							X		515	Not site related - sewer
2:30	10							X		515	WWTP – not site related
3:18	12							X		515	Not site related - sewer
3:24	17								X		
3:30	13								X		
3:35	14								X		
3:41	15								X		
3:43	16								X		

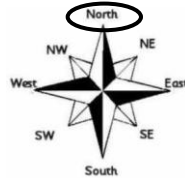
Weather Conditions

- 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: 77 %

Barometric Pressure: 102.08 kPa

Notes:

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Date Signed: April 19, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: April 19, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
3:52	5								X		
4:01	1								X		
4:05	11								X		
4:11	2								X		
4:16	4								X		
4:22	3								X		
4:26	6								X		
4:32	7								X		
4:37	8								X		
4:42	9								X		
4:48	10							X		515	WWTP – not site related

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: 4 °C Relative Humidity: 64 %

Barometric Pressure: 101.94 kPa

Notes:

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Date Signed: April 19, 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

