



## MEMORANDUM

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

**From:** Dawn MacNeil

**Date:** July 12, 2012

**Subject:** Odour Monitoring Daily Report; July 11, 2012

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<b>Weather Conditions</b>	Mostly Sunny
<b>Precipitation</b>	None
<b>Wind Direction</b>	South/SouthWest
<b>Wind Speed</b>	Moderate Wind ( 8 - 25 km/h)
<b>Temperature</b>	15 °C - 24 °C

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

Please find attached:

- Odour Monitoring Data Sheets for July 11, 2012
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: July 11, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:01	3								X		
7:11	6								X		
7:18	7								X		
7:23	8								X		
7:30	9								X		
7:37	10								X		
7:50	12								X		
7:59	17								X		
8:05	13								X		
8:11	14								X		
8:16	15								X		
8:21	16								X		
8:32	5								X		
8:42	1								X		
8:49	11								X		
8:54	2								X		
8:59	4								X		

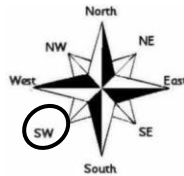
Weather Conditions

- 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: 15 °C

Relative Humidity: 70 %

Barometric Pressure: 101.54 kpa

Notes:

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Date Signed: July 11, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: July 11, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:16	3								X		
9:23	6								X		
9:37	7							X		722	Slight site odour
9:47	8							X		722	Slight site odour
9:53	9								X		
10:07	10							X		515	Not site related - sewer
10:17	12								X		
10:23	17								X		
10:31	13								X		
10:36	14								X		
10:41	15								X		
10:48	16								X		
11:00	5								X		
11:16	1								X		
11:22	11								X		
11:27	2								X		
11:32	4								X		

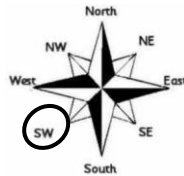
Weather Conditions

- 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: 18 °C

Relative Humidity: 67 %

Barometric Pressure: 101.79 kpa

Notes:

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Date Signed: July 11, 2012

Name: Denise Walker

Signature: Denise Walker



**ODOUR MONITORING DATA SHEET**

DATE: July 11, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
11:38	3								X		
11:44	6								X		
11:50	7								X		
11:55	8								X		
12:34	9								X		
12:42	10							X		515	Not site related - sewer
1:00	12								X		
1:07	17								X		
1:13	13								X		
1:18	14								X		
1:25	15								X		
1:31	16								X		
1:44	5								X		
1:54	1								X		
2:00	11								X		
2:06	2								X		
2:11	4								X		

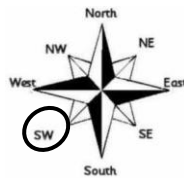
Weather Conditions

- 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: 21 °C

Relative Humidity: 51 %

Barometric Pressure: 101.87 kpa

Notes: \_\_\_\_\_  
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Date Signed: July 11, 2012

Name: Denise Walker

Signature: Denise Walker



**ODOUR MONITORING DATA SHEET**

DATE: July 11, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
2:20	3								X		
2:29	6								X		
2:35	7								X		
2:40	8								X		
2:46	9								X		
2:52	10							X		515	Not site related - sewer
3:06	12							X		506	Not site related – transfer station
3:14	17								X		
3:20	13								X		
3:27	14								X		
3:32	15								X		
3:37	16								X		
3:51	5							X		722	Slight site odour
4:02	1								X		
4:08	11								X		
4:15	2								X		
4:20	4								X		

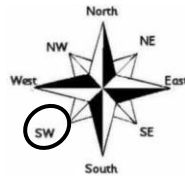
Weather Conditions

- 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: 24 °C

Relative Humidity: 38 %

Barometric Pressure: 101.87 kpa

**Notes:**

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Date Signed: July 11, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: July 11, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
4:30	3								X		
4:36	6								X		
4:42	7								X		
4:47	8								X		
4:52	9								X		
4:58	10							X		515	Not site related - sewer

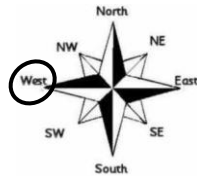
Weather Conditions

- 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: 24 °C

Relative Humidity: 35 %

Barometric Pressure: 101.87 kpa

Notes: \_\_\_\_\_  
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Date Signed: July 11, 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

