



## MEMORANDUM

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

**From:** Dawn MacNeil

**Date:** July 6, 2012

**Subject:** Odour Monitoring Daily Report; July 5, 2012

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<b>Weather Conditions</b>	Mostly Cloudy
<b>Precipitation</b>	<b>Rain</b>
<b>Wind Direction</b>	South/South East
<b>Wind Speed</b>	Moderate Wind ( 8 - 25 km/h)
<b>Temperature</b>	14 °C - 22 °C

Four and a 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 5, 2012
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



**ODOUR MONITORING DATA SHEET**

DATE: July 5, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:01	3								X		
7:08	6								X		
7:13	7								X		
7:19	8								X		
7:32	9								X		
7:39	10								X		
7:52	12								X		
8:00	17								X		
8:06	13								X		
8:11	14								X		
8:17	15								X		
8:22	16								X		
8:32	5								X		
8:44	1								X		
8:51	11								X		
8:56	2								X		
9:02	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: 94 %

Barometric Pressure: 101.21 kpa

**Notes:**

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Date Signed: June 5, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: July 5, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:25	3								X		
9:31	6								X		
9:38	7								X		
9:45	8								X		
9:53	9								X		
9:59	10								X		
10:20	12								X		
10:33	17							X		722/411	Slight site odour
10:43	13							X		722	Slight site odour
10:49	14								X		
10:54	15								X		
10:59	16							X		506	Non site related (Transfer station)
11:10	5								X		
11:17	1								X		
11:23	11								X		
11:29	2								X		
11:34	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: 16 °C

Relative Humidity: 84 %

Barometric Pressure: 101.29 kpa

Notes:

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Date Signed: June 5, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: July 5, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
11:40	3								X		
11:45	6								X		
11:51	7								X		
11:56	8								X		
12:01	9								X		
12:32	10								X		
12:45	12								X		
12:52	17							X		722	Slight site odour
12:58	13								X		
1:04	14								X		
1:09	15								X		
1:14	16							X		506	Non site related (Transfer station)
1:26	5								X		
1:40	1								X		
1:48	11								X		
1:56	2								X		
2:01	4								X		

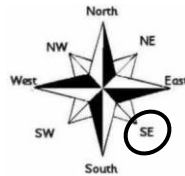
Weather Conditions

- 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: 19 °C

Relative Humidity: 70 %

Barometric Pressure: 101.29 kpa

Notes:

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Date Signed: June 5, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: July 5, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
2:20	3								X		
2:27	6								X		
2:33	7								X		
2:38	8								X		
2:44	9								X		
2:50	10								X		
3:02	12								X		
3:08	17						X			722	Slight site odour
3:17	13							X		722	Slight site odour
3:23	14								X		
3:28	15								X		
3:33	16							X		506	Non site related (Transfer station)
3:49	5								X		
3:57	1								X		
4:06	11								X		
4:17	2								X		
4:22	4								X		

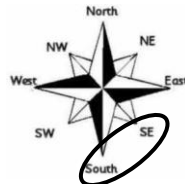
Weather Conditions

- 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: 22 °C

Relative Humidity: 58 %

Barometric Pressure: 101.27 kpa

Notes:

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Date Signed: June 5, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: July 5, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
4:29	3								X		
4:35	6								X		
4:41	7								X		
4:46	8								X		
4:51	9								X		
4:56	10								X		

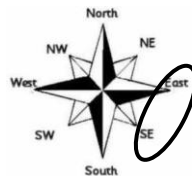
Weather Conditions

- 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: 80 %

Barometric Pressure: 101.29 kpa

Notes:

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Date Signed: June 5, 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

