



## MEMORANDUM

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

**From:** Dawn MacNeil

**Date:** May 29, 2012

**Subject:** Odour Monitoring Daily Report; May 28, 2012

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<b>Weather Conditions</b>	Partly Cloudy
<b>Precipitation</b>	None
<b>Wind Direction</b>	North East
<b>Wind Speed</b>	Light Breeze (1 - 8 km/h)
<b>Temperature</b>	4 C - 14 C

Five rounds of monitoring were conducted today with no quantifiable site-related odours greater than <2 were detected.

Please find attached:

- Odour Monitoring Data Sheets for May 28, 2012
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: May 28, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:02	3								X		
7:10	6								X		
7:16	7								X		
7:23	8								X		
7:29	9								X		
7:35	10								X		
7:49	12								X		
7:56	17								X		
8:01	13								X		
8:06	14								X		
8:13	15								X		
8:18	16								X		
8:28	5							X		411	Slight coke ovens odour
8:34	1								X		
8:40	11								X		
8:45	2								X		
8:50	4								X		

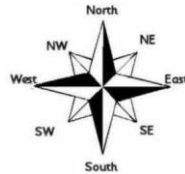
Weather Conditions

- 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: 4 °C

Relative Humidity: 95 %

Barometric Pressure: 101.69 kpa

Notes:

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Date Signed: May 28, 2012

Name: Denise Walker

Signature: *Denise Walker*



ODOUR MONITORING DATA SHEET

DATE: May 28, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:10	3								X		
9:15	6								X		
9:21	7								X		
9:27	8								X		
9:33	9							X		722	Slight site odour
9:40	10								X		
9:56	12							X		722	Slight site odour
10:03	17								X		
10:11	13								X		
10:19	14								X		
10:23	15								X		
10:28	16								X		
10:43	5								X		
10:53	1								X		
10:59	11								X		
11:05	2								X		
11:11	4								X		

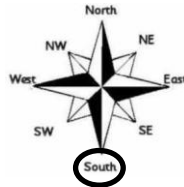
Weather Conditions

- 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: 8 °C

Relative Humidity: 81 %

Barometric Pressure: 101.67 kpa

Notes:

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Date Signed: May 28, 2012

Name: Denise Walker

Signature: *Denise Walker*



ODOUR MONITORING DATA SHEET

DATE: May 28, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
11:17	3								X		
11:22	6								X		
11:27	7								X		
11:32	8								X		
11:38	9								X		
11:43	10								X		
12:33	12								X		
12:40	17								X		
12:46	13								X		
12:51	14								X		
12:56	15								X		
1:02	16								X		
1:12	5								X		
1:22	1								X		
1:33	11							X		722	Slight coke ovens odour
1:39	2								X		
1:45	4							X		722	Slight site odour

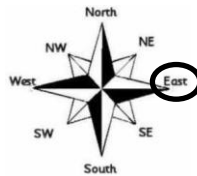
Weather Conditions

- 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: 13 °C

Relative Humidity: 52 %

Barometric Pressure: 101.53 kpa

Notes:

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Date Signed: May 28, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: May 28, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
1:51	3								X		
1:57	6								X		
2:03	7								X		
2:08	8								X		
2:15	9								X		
2:21	10							X		722	Site odour
2:57	12								X		
3:03	17								X		
3:16	13								X		
3:21	14								X		
3:26	15								X		
3:32	16								X		
3:43	5								X		
3:54	1								X		
4:00	11								X		
4:05	2								X		
4:11	4								X		

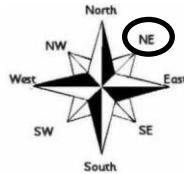
Weather Conditions

- 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: 14 °C

Relative Humidity: 51 %

Barometric Pressure: 101.46 kpa

Notes:

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Date Signed: May 28, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: May 28, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
4:18	3								X		
4:23	6								X		
4:28	7								X		
4:33	8								X		
4:39	9								X		
4:44	10							X		515/722	Sewage odour/site odour
4:54	12								X		
5:00	17								X		

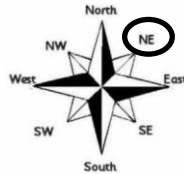
Weather Conditions

- 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: 13 °C

Relative Humidity: 50 %

Barometric Pressure: 101.53 kpa

Notes:

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Date Signed: May 28, 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

