



## MEMORANDUM

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

**From:** Dawn MacNeil

**Date:** May 15, 2012

**Subject:** Odour Monitoring Daily Report; May 14, 2012

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<b>Weather Conditions</b>	Overcast
<b>Precipitation</b>	None
<b>Wind Direction</b>	South East
<b>Wind Speed</b>	Moderate Winds (8 - 25 km/h)
<b>Temperature</b>	7°C - 13°C

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

Please find attached:

- Odour Monitoring Data Sheets for May 14, 2012
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: May 14, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:00	5								X		
7:07	1								X		
7:13	11								X		
7:18	2								X		
7:24	4								X		
7:30	6								X		
7:36	7								X		
7:42	8								X		
7:47	9								X		
7:53	10								X		
7:59	3								X		
8:24	12								X		
8:30	17								X		
8:36	13								X		
8:42	14							X		507	Non site related (Solid waste compost)
8:47	15								X		
8:53	16								X		

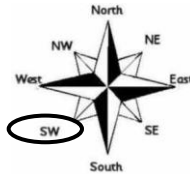
Weather Conditions

- 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: 7 °C

Relative Humidity: 89 %

Barometric Pressure: 102.55 kpa

Notes:

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Date Signed: May 14, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: May 14, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:03	5							X			Coke ovens gas odour
9:23	1								X		
9:29	11								X		
9:35	2								X		
9:40	4								X		
9:46	6								X		
9:51	7								X		
9:56	8								X		
10:01	9								X		
10:06	10								X		
10:12	3								X		
10:20	12								X		
10:26	17							X		705	Slight coke ovens odour
10:31	13								X		
10:37	14								X		
10:43	15								X		
10:52	16								X		

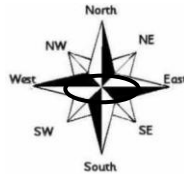
Weather Conditions

- 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: 9 °C

Relative Humidity: 82 %

Barometric Pressure: 102.62 kpa

Notes:

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Date Signed: May 14, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: May 14, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
11:10	5								X		
11:16	1								X		
11:22	11								X		
11:28	2								X		
11:34	4								X		
11:40	6								X		
11:45	7								X		
11:51	8								X		
11:56	9								X		
12:35	10								X		
12:41	3								X		
12:52	12								X		
12:58	17							X		722	Slight coke ovens odour
1:05	13								X		
1:11	14								X		
1:17	15								X		
1:22	16							X		511	Non site related (Mill Creek)

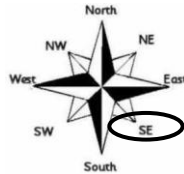
Weather Conditions

- 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: 11 °C

Relative Humidity: 66 %

Barometric Pressure: 102.68 kpa

Notes:

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Date Signed: May 14, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: May 14, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
1:35	5								X		
1:44	1								X		
1:50	11								X		
1:56	2								X		
2:02	4								X		
2:07	6								X		
2:13	7								X		
2:18	8								X		
2:24	9								X		
2:30	10								X		
2:35	3								X		
2:45	12								X		
2:52	17							X		722	Slight coke ovens odour
3:00	13								X		
3:06	14								X		
3:12	15								X		
2:17	16							X		511	Non site related (Mill Creek)

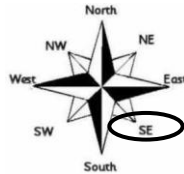
Weather Conditions

- 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: 11 °C

Relative Humidity: 70 %

Barometric Pressure: 102.68 kpa

Notes:

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Date Signed: May 14, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: May 14, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
3:37	5								X		
3:41	1								X		
3:46	11								X		
3:52	2								X		
3:57	4								X		
4:02	6								X		
4:08	7								X		
4:15	8								X		
4:20	9								X		
4:25	10								X		
4:31	3								X		
4:41	12								X		
4:47	17							X		722	Slight coke ovens odour
4:55	13								X		

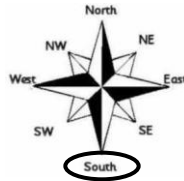
Weather Conditions

- 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: 49 %

Barometric Pressure: 102.61 kpa

Notes:

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Date Signed: May 14, 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

