



MEMORANDUM

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

From: Dawn MacNeil

Date: May 30, 2012

Subject: Odour Monitoring Daily Report; May 29, 2012

Weather Conditions	Mostly Cloudy
Precipitation	None
Wind Direction	North/North East
Wind Speed	Moderate Wind (8 - 25 km/h)
Temperature	5°C - 11°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 29, 2012
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: May 29, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:02	3								X		
7:08	6								X		
7:14	7								X		
7:19	8								X		
7:25	9								X		
7:31	10								X		
7:49	12								X		
7:55	17								X		
8:01	13								X		
8:07	14								X		
8:13	15								X		
8:18	16								X		
8:30	5								X		
8:38	1								X		
8:44	11								X		
8:54	2								X		
9:00	4								X		

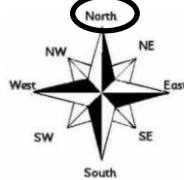
Weather Conditions

- 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: 5 °C

Relative Humidity: 69 %

Barometric Pressure: 101.85 kpa

Notes:

Date Signed: May 29, 2012

Name: Denise Walker

Signature: *Denise Walker*



ODOUR MONITORING DATA SHEET

DATE: May 29, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:19	3								X		
9:25	6								X		
9:30	7								X		
9:35	8							X		722	Very slight coke ovens site odour
9:41	9							X		722	Slight coke ovens sight odour
9:47	10							X		515	Non site related (sewer)
9:59	12								X		
10:05	17								X		
10:10	13								X		
10:16	14								X		
10:22	15								X		
10:27	16								X		
10:55	5								X		
11:06	1								X		
11:12	11								X		
11:17	2								X		
11:22	4								X		

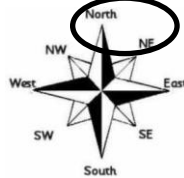
Weather Conditions

- 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: 7 °C

Relative Humidity: 55 %

Barometric Pressure: 101.94 kpa

Notes:

Date Signed: May 29, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: May 29, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
11:30	3								X		
11:35	6								X		
11:41	7								X		
11:46	8							X		722	Very slight coke ovens site odour
11:51	9							X		722	Slight coke ovens sight odour
11:56	10							X		515	Non site related (sewer)
12:35	12								X		
12:43	17								X		
12:53	13								X		
12:58	14								X		
1:07	15								X		
1:17	16								X		
1:29	5								X		
1:34	1								X		
1:40	11								X		
1:46	2								X		
1:51	4								X		

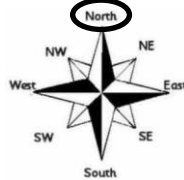
Weather Conditions

- 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: 9 °C

Relative Humidity: 45 %

Barometric Pressure: 101.98 kpa

Notes:

Date Signed: May 29, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: May 29, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
2:04	3								X		
2:10	6								X		
2:15	7							X		722	Site odour
2:20	8							X		722	Site odour
2:27	9								X		
2:34	10							X		515	Non site related (sewer)
2:47	12								X		
2:54	17								X		
3:10	13								X		
3:15	14								X		
3:21	15								X		
3:26	16								X		
3:37	5								X		
3:48	1								X		
3:54	11								X		
4:00	2								X		
4:06	4								X		

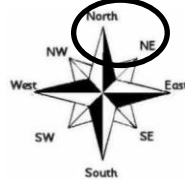
Weather Conditions

- 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: 9 °C

Relative Humidity: 45 %

Barometric Pressure: 101.94 kpa

Notes:

Date Signed: May 29, 2012

Name: Denise Walker

Signature: *Denise Walker*



ODOUR MONITORING DATA SHEET

DATE: May 29, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
4:11	3								X		
4:17	6								X		
4:22	7								X		
4:27	8								X		
4:33	9								X		
4:39	10								X		
4:49	12								X		
4:56	17								X		

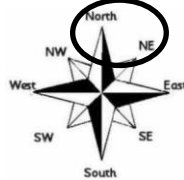
Weather Conditions

- 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: 11 °C

Relative Humidity: 28 %

Barometric Pressure: 101.93 kpa

Notes:

Date Signed: May 29, 2012

Name: Denise Walker

Signature: *Denise Walker*

Table 1 - Odour Monitoring Circuit
Air Monitoring Plan - Odour (AMPO)

Location No.	Description	Latitude (Degrees (°) Minutes (') Seconds (")	Longitude (Degrees (°) Minutes (') Seconds (")
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

