



MEMORANDUM

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

From: Dawn MacNeil

Date: July 10, 2012

Subject: Odour Monitoring Daily Report; July 6, 2012

Weather Conditions	Overcast
Precipitation	Fog
Wind Direction	North East
Wind Speed	Moderate Wind (8 - 25 km/h)
Temperature	14 °C - 15 °C

Four rounds of monitoring were conducted today with no quantifiable site-related odours greater than 4 detected.

Please find attached:

- Odour Monitoring Data Sheets for July 6, 2012
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: July 6, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:01	3								X		
7:09	6								X		
7:15	7								X		
7:20	8								X		
7:26	9							X		411/415	Musty smell; cause undetermined
7:33	10								X		
7:46	12								X		
7:52	17								X		
7:58	13								X		
8:03	14								X		
8:08	15								X		
8:13	16								X		
8:43	5							X		507	Non site related (CBRM Compost)
8:49	1								X		
8:55	11								X		
9:00	2								X		
9:05	4								X		

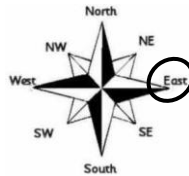
Weather Conditions

- 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: 98 %

Barometric Pressure: 101.27 kpa

Notes:

Date Signed: June 6, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: July 6, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:25	3								X		
9:31	6								X		
9:37	7								X		
9:42	8							X		507	Non site related (CBRM Compost)
9:48	9							X		411/415	Musty smell; cause undetermined
9:54	10					X				722/515	Site odour
10:40	12								X		
10:46	17								X		
10:51	13								X		
10:57	14								X		
11:02	15								X		
11:07	16								X		
11:14	5								X		
11:22	1								X		
11:29	11								X		
11:34	2								X		
11:39	4								X		

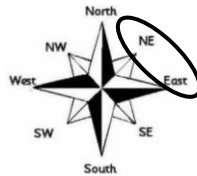
Weather Conditions

- 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: 98 %

Barometric Pressure: 101.30 kpa

Notes:

Date Signed: June 6, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: July 6, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
11:45	3								X		
11:50	6								X		
12:32	7								X		
12:37	8								X		
12:45	9								X		
12:51	10					X				722/515	Site odour
1:08	12								X		
1:15	17								X		
1:21	13								X		
1:27	14								X		
1:33	15								X		
1:39	16								X		
1:49	5								X		
1:55	1								X		
2:01	11								X		
2:06	2								X		
2:11	4								X		

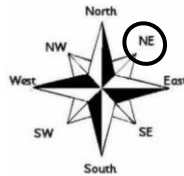
Weather Conditions

- 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: 14 °C

Relative Humidity: 97 %

Barometric Pressure: 101.27 kpa

Notes:

Date Signed: June 6, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: July 6, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
2:37	3								X		
2:43	6								X		
2:56	7								X		
3:01	8								X		
3:07	9							X		722	Site odour
3:15	10							X		515	Non site related (Sewer)
3:28	12								X		
3:34	17								X		
3:40	13								X		
3:46	14								X		
3:51	15								X		
3:57	16								X		
4:10	5								X		
4:17	1								X		
4:24	11							X		722	Slight site odour
4:29	2								X		
4:36	4								X		

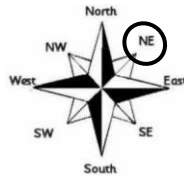
Weather Conditions

- 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: 98 %

Barometric Pressure: 101.12 kpa

Notes:

Date Signed: June 6, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: July 6, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
4:46	3								X		
4:52	6								X		

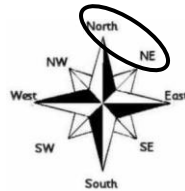
Weather Conditions

- 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: 98 %

Barometric Pressure: 100.95 kpa

Notes: _____

Date Signed: June 6, 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

