



MEMORANDUM

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

From: Dawn MacNeil

Date: September 13, 2012

Subject: Odour Monitoring Daily Report; September 11, 2012

Weather Conditions	Mostly Cloudy
Precipitation	Showers
Wind Direction	North/North West
Wind Speed	Strong Winds (25 km/h or higher)
Temperature	14 C - 17 C

Four and one 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 September 11, 2012
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: September 11, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:00	3								X		
7:11	6								X		
7:17	7								X		
7:22	8								X		
7:27	9								X		
7:34	10								X		
7:42	12								X		
7:49	17								X		
7:55	13								X		
8:00	14								X		
8:05	15								X		
8:11	16								X		
8:28	5								X		
8:36	1								X		
8:43	11								X		
8:48	2								X		
9:00	4								X		

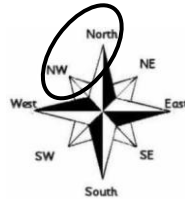
Weather Conditions

- 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: 16 °C

Relative Humidity: 91 %

Barometric Pressure: 99.55 kpa

Notes:

Date Signed: September 11, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: September 11, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:30	3								X		
9:38	6								X		
9:43	7								X		
9:48	8								X		
9:53	9								X		
9:59	10							X		515	Not site related – other activities in area
10:17	12								X		
10:24	17								X		
10:32	13								X		
10:37	14								X		
10:42	15								X		
10:47	16								X		
10:57	5								X		
11:03	1								X		
11:09	11								X		
11:14	2								X		
11:19	4								X		

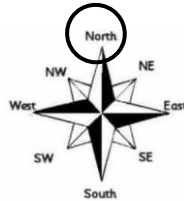
Weather Conditions

- 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: 86 %

Barometric Pressure: 99.63 kpa

Notes:

Date Signed: September 11, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: September 11, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
11:29	3								X		
11:34	6								X		
11:39	7								X		
11:44	8								X		
11:49	9								X		
11:54	10							X		515	Not site related – other activities in area
12:33	12							X		500	Not site related – other activities in area
12:40	17								X		
12:47	13								X		
12:53	14								X		
12:58	15								X		
1:06	16								X		
1:23	5								X		
1:30	1								X		
1:36	11								X		
1:42	2								X		
1:47	4								X		

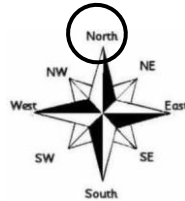
Weather Conditions

- 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: 87 %

Barometric Pressure: 100.44 kpa

Notes:

Date Signed: September 11, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: September 11, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
2:05	3							X		200/712	Slight site odour
2:13	6								X		
2:18	7								X		
2:23	8							X		712	Slight site odour
2:28	9							X		712	Slight site odour
2:33	10							X		515	Not site related – other activities in area
2:44	12								X		
2:52	17								X		
3:00	13								X		
3:05	14								X		
3:10	15								X		
3:15	16								X		
3:25	5								X		
3:38	1								X		
3:44	11								X		
3:49	2								X		
3:57	4								X		

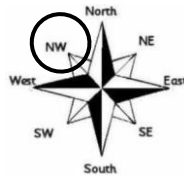
Weather Conditions

- 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: 82 %

Barometric Pressure: 100.71 kpa

Notes:

Date Signed: September 11, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: September 11, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
4:12	3								X		
4:18	6								X		
4:23	7								X		
4:28	8								X		
4:33	9							X		712	Slight site odour
4:39	10								X		
4:50	12								X		

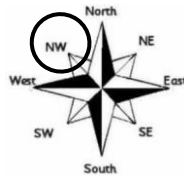
Weather Conditions

- 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: 17 °C

Relative Humidity: 61 %

Barometric Pressure: 100.07 kpa

Notes:

Date Signed: September 11, 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

