



MEMORANDUM

To: Jerome MacNeil; Donnie Burke; Geoff Verner; Ellen Gushue; Barbara Mattie
From: Peter Weaver
Date: October 18, 2012
Subject: Odour Monitoring Daily Report; October 17, 2012

Weather Conditions	Mostly Cloudy
Precipitation	None
Wind Direction	West/North West
Wind Speed	Moderate Winds (8 - 25 km/h)
Temperature	7 °C - 10 °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 October 17, 2012
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: October 17, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:00	3								X		
7:11	6								X		
7:16	7								X		
7:21	8								X		
7:26	9								X		
7:31	10								X		
7:41	12								X		
7:47	17								X		
7:53	13								X		
7:58	14							X		506	Not site related – other activity in the area
8:03	15								X		
8:10	16								X		
8:26	5								X		
8:46	1								X		
8:53	11								X		
8:58	2								X		
9:04	4								X		

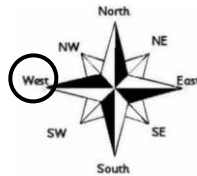
Weather Conditions

- 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: 10 °C

Relative Humidity: 73 %

Barometric Pressure: 100.36 kpa

Notes:

Date Signed: October 17, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: October 17, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:20	3								X		
9:29	6								X		
9:34	7								X		
9:41	8								X		
9:46	9								X		
9:51	10								X		
10:00	12								X		
10:07	17								X		
10:13	13								X		
10:18	14								X		
10:23	15							X		411/712	Slight site odour
10:28	16							X		411/712	Slight site odour
10:43	5								X		
10:50	1								X		
10:57	11								X		
11:02	2								X		
11:07	4								X		

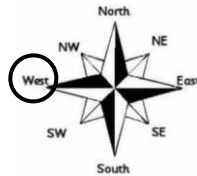
Weather Conditions

- 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: ____72____%

Barometric Pressure: ____100.65____ kpa

Notes:

Date Signed: October 17, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: October 17, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
11:20	3								X		
11:27	6								X		
11:32	7								X		
11:37	8								X		
11:42	9								X		
11:48	10							X		515	Not site related – other activity in the area
12:31	12							X		515	Not site related – other activity in the area
12:39	17								X		
12:46	13								X		
12:51	14								X		
12:56	15								X		
1:02	16								X		
1:11	5								X		
1:21	1								X		
1:28	11								X		
1:33	2								X		
1:38	4							X		411	Slight site odour

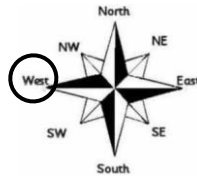
Weather Conditions

- 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: 8 °C

Relative Humidity: 67 %

Barometric Pressure: 100.70 kpa

Notes:

Date Signed: October 17, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: October 17, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
1:58	3								X		
2:04	6								X		
2:09	7								X		
2:14	8								X		
2:19	9								X		
2:35	10							X		515	Not site related – other activity in the area
2:45	12							X		515/411	Slight site odour
2:52	17								X		
2:58	13								X		
3:03	14								X		
3:08	15								X		
3:13	16								X		
3:23	5								X		
3:30	1								X		
3:40	11								X		
3:48	2								X		
3:54	4								X		

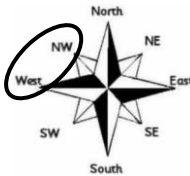
Weather Conditions

- 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: 68 %

Barometric Pressure: 100.75 kpa

Notes:

Date Signed: **October 17, 2012**

Name: **Denise Walker**

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: October 17, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
4:10	3								X		
4:16	6								X		
4:21	7							X		712	Slight site odour
4:26	8							X		712	Slight site odour
4:31	9								X		
4:36	10							X		515	Not site related – other activity in the area
4:48	12								X		
4:55	17								X		

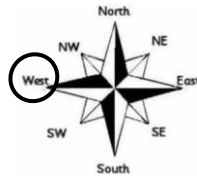
Weather Conditions

- 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: 10 °C

Relative Humidity: 69 %

Barometric Pressure: 100.65 kpa

Notes:

Date Signed: October 17, 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

