



MEMORANDUM

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

From: Peter Weaver

Date: November 7, 2012

Subject: Odour Monitoring Daily Report; November 5, 2012

Weather Conditions	Mostly Cloudy
Precipitation	None
Wind Direction	South/South 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 November 5, 2012
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: November 5, 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		
7:22	8								X		
7:27	9								X		
7:32	10								X		
7:42	12								X		
7:50	17								X		
7:55	13								X		
8:00	14							X		506	Not site related – other activity in the area
8:05	15								X		
8:10	16								X		
8:25	5								X		
8:31	1								X		
8:37	11								X		
8:42	2								X		
8:47	4								X		

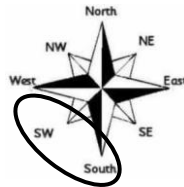
Weather Conditions

- 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: ____7____ °C

Relative Humidity: ____86____ %

Barometric Pressure: ____100.67____ kpa

Notes:

Date Signed: November 5, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: November 5, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:15	3								X		
9:21	6								X		
9:26	7								X		
9:31	8								X		
9:36	9							X		706	Slight site odour
9:41	10								X		
9:50	12								X		
9:56	17								X		
10:02	13								X		
10:07	14							X		506	Not site related – other activity in the area
10:12	15								X		
10:17	16								X		
10:42	5								X		
10:49	1								X		
10:55	11								X		
11:00	2								X		
11:05	4								X		

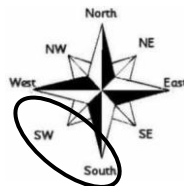
Weather Conditions

- 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: ____7____ °C

Relative Humidity: ____87____ %

Barometric Pressure: ____100.90____ kpa

Notes:

Date Signed: November 5, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: November 5, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
11:19	3								X		
11:25	6								X		
11:30	7								X		
11:35	8								X		
11:40	9								X		
11:46	10								X		
12:35	12								X		
12:42	17								X		
12:48	13								X		
12:53	14								X		
12:58	15								X		
1:04	16								X		
1:14	5								X		
1:20	1								X		
1:26	11								X		
1:47	2								X		
1:52	4								X		

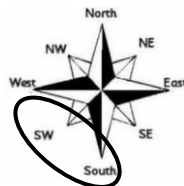
Weather Conditions

- 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: ____8____ °C

Relative Humidity: ____83____ %

Barometric Pressure: ____101.00____ kpa

Notes:

Date Signed: November 5, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: November 5, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
2:10	3								X		
2:17	6								X		
2:22	7								X		
2:28	8								X		
2:34	9								X		
2:40	10								X		
2:51	12								X		
2:57	17								X		
3:10	13								X		
3:15	14								X		
3:20	15								X		
3:25	16								X		
3:35	5								X		
3:41	1								X		
3:47	11								X		
3:52	2								X		
3:57	4								X		

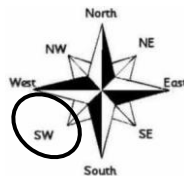
Weather Conditions

- 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: 11 °C

Relative Humidity: 73 %

Barometric Pressure: 101.08 kpa

Notes:

Date Signed: November 5, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: November 5, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
4:15	3								X		
4:21	6								X		
4:26	7								X		
4:31	8								X		
4:36	9								X		
4:41	10								X		
4:50	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: ____8____ °C

Relative Humidity: ____78____ %

Barometric Pressure: ____101.20____ kpa

Notes:

Date Signed: November 5, 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

