



MEMORANDUM

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

From: Peter Weaver

Date: December 14, 2012

Subject: Odour Monitoring Daily Report; December 12, 2012

Weather Conditions	Partly Cloudy
Precipitation	None
Wind Direction	West/North West
Wind Speed	Moderate Wind (8 - 25 km/h)
Temperature	9 °C - 14 °C

Four rounds of monitoring were conducted today with no quantifiable site-related odours greater than 2 detected.

Please find attached:

- Odour Monitoring Data Sheets for December 12, 2012
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: December 12, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:03	3								X		
7:13	6								X		
7:18	7								X		
7:23	8								X		
7:28	9								X		
7:34	10								X		
7:47	12								X		
8:00	17								X		
8:10	13								X		
8:15	14								X		
8:20	15								X		
8:25	16								X		
8:35	5								X		
8:42	1								X		
8:49	11							X		515	Not site related – other activity in the area
8:54	2								X		
8:59	4								X		

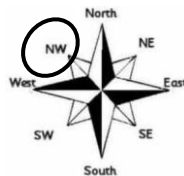
Weather Conditions

- 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: ____-2____ °C

Relative Humidity: ____73____%

Barometric Pressure: ____101.52____ kpa

Notes:

Date Signed: December 12, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: December 12, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:25	3								X		
9:31	6								X		
9:36	7								X		
9:41	8								X		
9:46	9								X		
9:51	10							X		515	Not site related – other activity in the area
10:03	12								X		
10:09	17								X		
10:15	13								X		
10:20	14								X		
10:25	15								X		
10:30	16								X		
10:55	5								X		
11:05	1								X		
11:11	11								X		
11:19	2								X		
11:24	4								X		

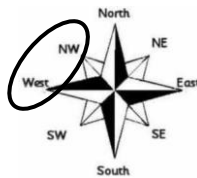
Weather Conditions

- 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: ____ -1 ____ °C

Relative Humidity: ____ 69 ____ %

Barometric Pressure: ____ 101.77 ____ kpa

Notes:

Date Signed: December 12, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: December 12, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
11:30	3								X		
11:36	6								X		
11:41	7								X		
11:46	8								X		
11:51	9								X		
11:56	10							X		515	Not site related – other activity in the area
12:39	12						X			722	Slight site odour
12:47	17								X		
12:53	13							X		414	Not site related – other activity in the area
12:59	14								X		
1:05	15								X		
1:10	16								X		
1:37	5								X		
1:59	1								X		
2:05	11								X		
2:13	2								X		
2:18	4								X		

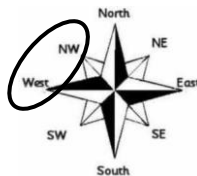
Weather Conditions

- 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: ____0__ °C

Relative Humidity: ____66__ %

Barometric Pressure: ____101.86__ kpa

Notes:

Date Signed: December 12, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: December 12, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
2:40	3								X		
2:48	6								X		
2:54	7								X		
2:59	8							X		514/722	Not site related – other activity in the area
3:15	9								X		
3:20	10							X		515	Not site related – other activity in the area
3:31	12								X		
3:38	17								X		
3:46	13								X		
3:51	14								X		
3:56	15								X		
4:01	16								X		
4:22	5								X		
4:28	1								X		
4:35	11								X		
4:40	2								X		
4:45	4								X		

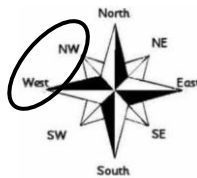
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Wind Direction (Blowing From)



Wind Speed

- Calm
- Light Breeze (1 – 8 km/h)
- Moderate Wind (8 – 25 km/h)
- Strong Winds (25 km/h or higher)

Temperature: ____1____ °C

Relative Humidity: ____59____ %

Barometric Pressure: ____101.84____ kpa

Notes:

Date Signed: December 12, 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

