



MEMORANDUM

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

From: Dawn MacNeil

Date: July 17, 2012

Subject: Odour Monitoring Daily Report; July 16, 2012

Weather Conditions	Mostly Cloudy
Precipitation	None
Wind Direction	South/SouthWest
Wind Speed	Moderate Wind (8 - 25 km/h)
Temperature	14 °C - 20 °C

Four and one half rounds of monitoring were conducted today with no quantifiable site-related odours detected.

Please find attached:

- Odour Monitoring Data Sheets for July 16, 2012
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: July 16, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:01	3								X		
7:11	6								X		
7:18	7								X		
7:23	8								X		
7:29	9								X		
7:35	10								X		
7:49	12								X		
7:56	17								X		
8:01	13								X		
8:06	14								X		
8:11	15								X		
8:16	16								X		
8:34	5								X		
8:41	1								X		
8:49	11								X		
8:57	2								X		
9:02	4								X		

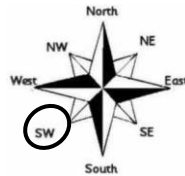
Weather Conditions

- 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: 89 %

Barometric Pressure: 101.42 kpa

Notes:

Date Signed: July 16, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: July 16, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:22	3								X		
9:30	6								X		
9:36	7								X		
9:41	8								X		
9:46	9								X		
9:52	10								X		
10:09	12								X		
10:17	17								X		
10:24	13								X		
10:29	14								X		
10:34	15								X		
10:39	16								X		
10:49	5								X		
11:00	1								X		
11:07	11								X		
11:12	2								X		
11:17	4								X		

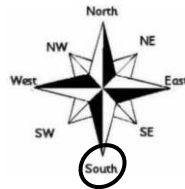
Weather Conditions

- 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: 81 %

Barometric Pressure: 101.28 kpa

Notes:

Date Signed: July 16, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: July 16, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
12:30	3								X		
12:37	6								X		
12:43	7								X		
12:48	8								X		
12:54	9								X		
1:06	10								X		
1:17	12								X		
1:23	17								X		
1:30	13								X		
1:40	14								X		
1:45	15								X		
1:49	16							X		506	Not site related - sewer
1:59	5								X		
2:06	1								X		
2:13	11								X		
2:19	2								X		
2:24	4								X		

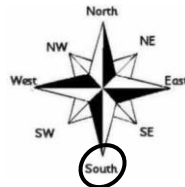
Weather Conditions

- 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: 20 °C

Relative Humidity: 70 %

Barometric Pressure: 101.21 kpa

Notes:

Date Signed: July 16, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: July 16, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
2:40	3								X		
2:46	6								X		
2:52	7								X		
2:57	8								X		
3:03	9								X		
3:09	10								X		
3:23	12								X		
3:31	17								X		
3:37	13								X		
3:42	14								X		
3:47	15								X		
3:52	16								X		
4:05	5								X		
4:11	1								X		
4:17	11								X		
4:22	2								X		
4:28	4								X		

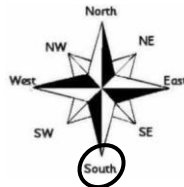
Weather Conditions

- 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: 20 °C

Relative Humidity: 68 %

Barometric Pressure: 101.10 kpa

Notes:

Date Signed: July 16, 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

