



MEMORANDUM

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

From: Dawn MacNeil

Date: July 18, 2012

Subject: Odour Monitoring Daily Report; July 17, 2012

Weather Conditions	Overcast
Precipitation	None
Wind Direction	South/SouthWest
Wind Speed	Moderate Wind (8 - 25 km/h)
Temperature	17 °C - 23 °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 July 17, 2012
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: July 17, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:02	3								X		
7:11	6								X		
7:16	7								X		
7:23	8								X		
7:29	9								X		
7:36	10								X		
7:49	12								X		
7:57	17								X		
8:03	13								X		
8:09	14								X		
8:14	15								X		
8:19	16								X		
8:33	5							X		722	Slight site odour
8:39	1								X		
8:45	11								X		
8:51	2								X		
8:56	4								X		

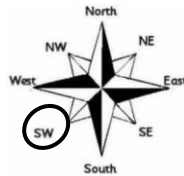
Weather Conditions

- 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: 17 °C

Relative Humidity: 94 %

Barometric Pressure: 100.75 kpa

Notes:

Date Signed: July 17, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: July 17, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:15	3								X		
9:20	6								X		
9:26	7								X		
9:31	8								X		
9:45	9								X		
9:55	10								X		
10:08	12								X		
10:14	17								X		
10:19	13								X		
10:25	14								X		
10:30	15								X		
10:35	16								X		
10:49	5							X		722	Slight site odour
11:03	1								X		
11:08	11								X		
11:13	2								X		
11:18	4								X		

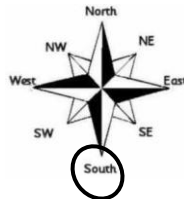
Weather Conditions

- 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: 18 °C

Relative Humidity: 93 %

Barometric Pressure: 100.76 kpa

Notes:

Date Signed: July 17, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: July 17, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
11:26	3								X		
11:31	6								X		
11:37	7								X		
11:42	8								X		
11:47	9								X		
11:53	10								X		
12:32	12								X		
12:40	17								X		
12:47	13								X		
12:53	14								X		
12:58	15								X		
1:05	16								X		
1:16	5								X		
1:24	1								X		
1:31	11								X		
1:37	2								X		
1:42	4								X		

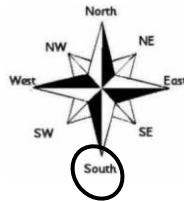
Weather Conditions

- 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: 19 °C

Relative Humidity: 85 %

Barometric Pressure: 100.73 kpa

Notes:

Date Signed: July 17, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: July 17, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
2:05	3								X		
2:11	6								X		
2:17	7								X		
2:22	8								X		
2:28	9								X		
2:35	10								X		
2:49	12								X		
2:56	17								X		
3:03	13								X		
3:10	14								X		
3:15	15								X		
3:20	16							X		506	Not site related - sewer
3:33	5							X		722	Slight site odour
3:46	1								X		
3:52	11								X		
3:57	2								X		
4:02	4								X		

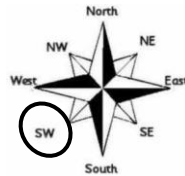
Weather Conditions

- 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: 22 °C

Relative Humidity: 75 %

Barometric Pressure: 100.77 kpa

Notes:

Date Signed: July 17, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: July 17, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
4:07	3								X		
4:13	6								X		
4:19	7								X		
4:24	8								X		
4:30	9								X		
4:36	10								X		
4:48	12								X		
4:55	17								X		

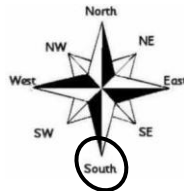
Weather Conditions

- 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: 23 °C

Relative Humidity: 73 %

Barometric Pressure: 100.69 kpa

Notes:

Date Signed: July 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

