



MEMORANDUM

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

From: Dawn MacNeil

Date: July 20, 2012

Subject: Odour Monitoring Daily Report; July 19, 2012

Weather Conditions	Partly Cloudy
Precipitation	None
Wind Direction	South/SouthWest
Wind Speed	Moderate Wind (8 - 25 km/h)
Temperature	16 °C - 24 °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 19, 2012
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: July 19, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:00	3								X		
7:10	6								X		
7:18	7								X		
7:23	8								X		
7:29	9								X		
7:40	10								X		
7:55	12								X		
8:05	17								X		
8:12	13								X		
8:18	14								X		
8:23	15								X		
8:29	16								X		
8:43	5								X		
8:50	1								X		
8:56	11								X		
9:02	2								X		
9:06	4								X		

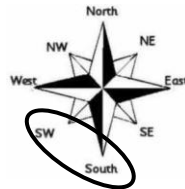
Weather Conditions

- 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: 91 %

Barometric Pressure: 100.84 kpa

Notes:

Date Signed: July 19, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: July 19, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:30	3								X		
9:38	6								X		
9:44	7								X		
9:49	8								X		
9:55	9								X		
10:00	10								X		
10:19	12								X		
10:27	17								X		
10:36	13								X		
10:41	14								X		
10:46	15								X		
10:51	16								X		
11:00	5							X		713	Slight site odour
11:14	1								X		
11:22	11								X		
11:27	2								X		
11:32	4								X		

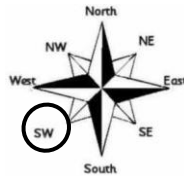
Weather Conditions

- 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: 88 %

Barometric Pressure: 100.85 kpa

Notes:

Date Signed: July 19, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: July 19, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
11:40	3								X		
11:45	6								X		
11:50	7								X		
11:55	8								X		
12:30	9								X		
12:36	10								X		
12:53	12								X		
1:00	17								X		
1:06	13								X		
1:11	14								X		
1:16	15								X		
1:21	16								X		
1:36	5							X		722	Slight site odour
1:44	1								X		
1:51	11								X		
1:59	2								X		
2:05	4								X		

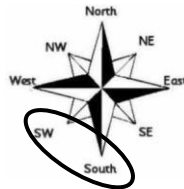
Weather Conditions

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- 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: 21 °C

Relative Humidity: 77 %

Barometric Pressure: 100.76 kpa

Notes:

Date Signed: July 19, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: July 19, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
2:21	3								X		
2:26	6								X		
2:32	7								X		
2:37	8								X		
2:43	9								X		
2:49	10							X		515	Non site related (Sewer)
3:15	12							X		722	Site odour
3:22	17								X		
3:27	13								X		
3:33	14								X		
3:38	15								X		
3:43	16								X		
4:15	5								X		
4:21	1								X		
4:27	11								X		
4:33	2								X		
4:38	4								X		

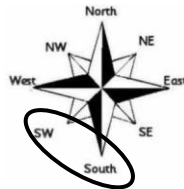
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Temperature: 21 °C

Relative Humidity: 77 %

Barometric Pressure: 100.76 kpa

Notes:

Date Signed: July 19, 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

