



MEMORANDUM

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

From: Dawn MacNeil

Date: June 14, 2012

Subject: Odour Monitoring Daily Report; June 13, 2012

Weather Conditions	Overcast
Precipitation	Fog
Wind Direction	North/North East
Wind Speed	Light Breeze (1 - 8 km/h)
Temperature	9 C - 14 C

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

Please find attached:

- Odour Monitoring Data Sheets for June 13, 2012
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: June 13, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:00	3								X		
7:07	6								X		
7:12	7								X		
7:18	8								X		
7:24	9								X		
7:35	10								X		
7:49	12								X		
7:58	17								X		
8:06	13								X		
8:12	14								X		
8:17	15								X		
8:23	16								X		
8:34	5								X		
8:41	1								X		
8:49	11								X		
8:54	2								X		
9:01	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: 9 °C

Relative Humidity: 95 %

Barometric Pressure: 102.02 kpa

Notes:

Date Signed: June 13, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: June 13, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:30	3							X		722	Slight site odour
9:37	6							X		722	Slight site odour
9:43	7								X		
9:48	8							X		515	Non site related (sewer)
9:54	9							X		722/406	Slight site odour
10:03	10						X			515	Non site related (sewer)
10:15	12								X		
10:23	17								X		
10:30	13								X		
10:36	14								X		
10:41	15								X		
10:46	16								X		
11:05	5								X		
11:11	1								X		
11:18	11								X		
11:23	2								X		
11:29	4								X		

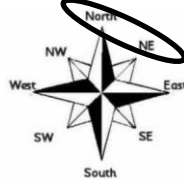
Weather Conditions

- 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: 96 %

Barometric Pressure: 102.05 kpa

Notes:

Date Signed: June 13, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: June 13, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
11:35	3								X		
11:40	6							X		515/722	Slight site odour
11:45	7							X		722	Slight site odour
11:50	8								X		
11:56	9							X		722/406	Slight site odour
12:01	10							X		515	WWTP
12:42	12								X		
12:49	17								X		
12:56	13								X		
1:03	14								X		
1:09	15								X		
1:14	16								X		
1:26	5								X		
1:36	1								X		
1:43	11								X		
1:49	2								X		
1:56	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: 13 °C

Relative Humidity: 86 %

Barometric Pressure: 102.00 kpa

Notes:

Date Signed: June 13, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: June 13, 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		
2:31	9								X		
2:37	10								X		
2:50	12								X		
2:57	17								X		
3:04	13								X		
3:11	14								X		
3:16	15								X		
3:21	16								X		
3:32	5								X		
3:40	1								X		
3:48	11								X		
3:53	2								X		
3:59	4								X		

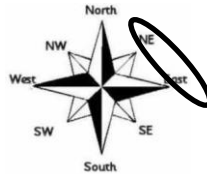
Weather Conditions

- 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: 12 °C

Relative Humidity: 88 %

Barometric Pressure: 102.01 kpa

Notes:

Date Signed: June 13, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: June 13, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
4:19	3								X		
4:25	6								X		
4:30	7								X		
4:35	8								X		
4:41	9								X		
4:47	10								X		

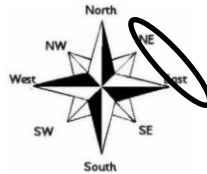
Weather Conditions

- 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: 81 %

Barometric Pressure: 100.95 kpa

Notes:

Date Signed: June 13, 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

