



MEMORANDUM

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

From: Dawn MacNeil

Date: June 15, 2012

Subject: Odour Monitoring Daily Report; June 14, 2012

Weather Conditions	Partly Cloudy
Precipitation	Fog
Wind Direction	North
Wind Speed	Light Breeze (1 - 8 km/h)
Temperature	8°C - 20°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 June 14, 2012
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: June 14, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:02	3								X		
7:10	6								X		
7:15	7								X		
7:20	8								X		
7:26	9								X		
7:32	10						X			515	WWTP
7:44	12							X		722	Slight site odour
7:52	17								X		
8:00	13								X		
8:06	14								X		
8:11	15								X		
8:17	16								X		
8:30	5								X		
8:36	1								X		
8:42	11								X		
8:50	2								X		
8:56	4								X		

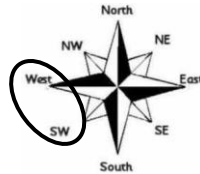
Weather Conditions

- 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: 8 °C

Relative Humidity: 100 %

Barometric Pressure: 101.88 kpa

Notes:

Date Signed: June 14, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: June 14, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:30	3								X		
9:36	6								X		
9:43	7								X		
9:48	8							X		722	Slight site odour
9:54	9								X		
9:59	10							X		515	WWTP
10:22	12								X		
10:29	17								X		
10:36	13								X		
10:42	14								X		
10:47	15								X		
10:52	16								X		
11:18	5								X		
11:26	1								X		
11:32	11							X		400	Not site related (lilacs?)
11:38	2								X		
11:45	4								X		

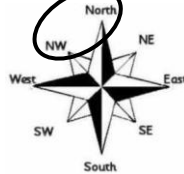
Weather Conditions

- 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: 99 %

Barometric Pressure: 101.94 kpa

Notes:

Date Signed: June 14, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: June 14, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
12:30	3								X		
12:38	6							X		722	Slight site odour
12:45	7							X		722	Slight site odour
12:51	8						X			722	Slight site odour
12:58	9								X		
1:13	10							X		515	WWTP
1:28	12								X		
1:35	17								X		
1:41	13								X		
1:48	14								X		
1:55	15								X		
2:01	16								X		
2:12	5								X		
2:19	1								X		
2:25	11								X		
2:30	2								X		
2:35	4								X		

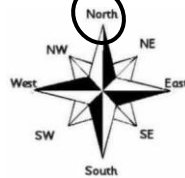
Weather Conditions

- 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: 75 %

Barometric Pressure: 101.96 kpa

Notes:

Date Signed: June 14, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: June 14, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
2:43	3								X		
2:49	6								X		
2:55	7								X		
3:00	8							X		722	Slight site odour
3:08	9								X		
3:14	10							X		515	WWTP
3:30	12								X		
3:36	17								X		
3:41	13								X		
3:46	14								X		
3:57	15								X		
3:56	16								X		
4:11	5								X		
4:17	1								X		
4:23	11							X		700	Slight site odour
4:42	2								X		
4:47	4								X		

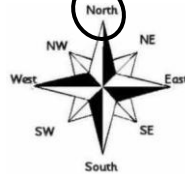
Weather Conditions

- 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: 101.97 kpa

Notes:

Date Signed: June 14, 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

