



MEMORANDUM

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

From: Dawn MacNeil

Date: May 9, 2012

Subject: Odour Monitoring Daily Report; May 8, 2012

Weather Conditions	Partly Cloudy
Precipitation	None
Wind Direction	North/North East
Wind Speed	Moderate Winds (8 - 25 km/h)
Temperature	4 C - 11 C

Five rounds of monitoring were conducted today with no quantifiable site-related odours detected greater than 2.

Please find attached:

- Odour Monitoring Data Sheets for May 8, 2012
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: May 8, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:00	5								X		
7:05	1								X		
7:11	11								X		
7:17	2								X		
7:23	4								X		
7:29	6								X		
7:35	7								X		
7:40	8								X		
7:46	9								X		
7:52	10								X		
7:59	3								X		
8:26	12								X		
8:32	17								X		
8:38	13								X		
8:44	14								X		
8:51	15								X		
8:56	16								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: 4 °C

Relative Humidity: 100 %

Barometric Pressure: 102.07 kpa

Notes:

Date Signed: May 8, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: May 8, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:15	5								X		
9:21	1								X		
9:27	11							X		415	Slight site odour
9:33	2								X		
9:39	4								X		
9:46	6								X		
9:52	7								X		
9:57	8								X		
10:02	9								X		
10:08	10								X		
10:15	3								X		
10:22	12								X		
10:28	17								X		
10:33	13								X		
10:39	14								X		
10:45	15								X		
10:50	16							X		722	Slight site odour

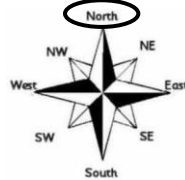
Weather Conditions

- 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: 5 °C

Relative Humidity: 100 %

Barometric Pressure: 102.23 kpa

Notes:

Date Signed: May 8, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: May 8, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
11:01	5								X		
11:08	1								X		
11:15	11								X		
11:21	2								X		
11:26	4								X		
11:32	6							X		722	Slight site odour
11:38	7						X			722	Slight site odour
11:43	8							X		722	Slight site odour
11:49	9								X		
11:55	10						X			515	WWTP
12:37	3							X		515	WWTP
12:43	12								X		
12:49	17								X		
12:55	13								X		
1:01	14								X		
1:08	15								X		
1:14	16								X		

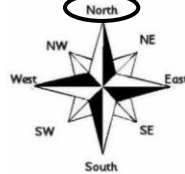
Weather Conditions

- 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: 6 °C

Relative Humidity: 99 %

Barometric Pressure: 102.26 kpa

Notes:

Date Signed: May 8, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: May 8, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
1:34	5								X		
1:41	1						X			600	Not site related
1:47	11								X		
1:56	2							X		722	Slight site odour
2:03	4							X		722	Slight site odour
2:20	6								X		
2:27	7								X		
2:33	8							X		722	Slight site odour
2:39	9								X		
2:45	10						X			515	WWTP
2:54	3							X		722	Slight site odour
3:00	12								X		
3:07	17								X		
3:13	13								X		
3:19	14								X		
3:25	15								X		
3:34	16								X		

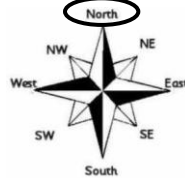
Weather Conditions

- 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: 10 °C

Relative Humidity: 78 %

Barometric Pressure: 102.26 kpa

Notes:

Date Signed: May 8, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: May 8, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
3:50	5								X		
3:56	1								X		
4:02	11								X		
4:08	2								X		
4:14	4							X		722	Slight site odour
4:20	6								X		
4:26	7								X		
4:32	8								X		
4:36	9								X		
4:42	10								X		
4:48	3								X		
4:54	12								X		

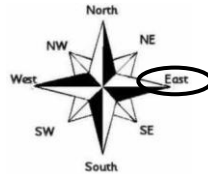
Weather Conditions

- 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: 74 %

Barometric Pressure: 102.17 kpa

Notes:

Date Signed: May 8, 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

