



MEMORANDUM

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

From: Dawn MacNeil

Date: May 8, 2012

Subject: Odour Monitoring Daily Report; May 7, 2012

Weather Conditions	Overcast
Precipitation	Fog/Drizzle
Wind Direction	North
Wind Speed	Moderate Winds (8 - 25 km/h)
Temperature	5 °C - 10 °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 7, 2012
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: May 7, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:07	5								X		
7:12	1								X		
7:17	11								X		
7:23	2								X		
7:29	4								X		
7:34	6								X		
7:40	7								X		
7:45	8							X		712	Slight site odour
7:50	9								X		
7:56	10						X			515	WWTP
8:10	3								X		
8:16	12								X		
8:23	17								X		
8:28	13								X		
8:34	14								X		
8:40	15								X		
8:40	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: 5 °C

Relative Humidity: 100 %

Barometric Pressure: 101.60 kpa

Notes:

Date Signed: May 7, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: May 7, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:08	5								X		
9:16	1								X		
9:22	11								X		
9:28	2								X		
9:34	4								X		
9:40	6								X		
9:45	7							X		712	Slight site odour
9:50	8							X		712	Slight site odour
9:56	9							X		712	Slight site odour
10:02	10						X			515	WWTP
10:09	3							X		712	Slight site odour
10:20	12								X		
10:28	17								X		
10:33	13								X		
10:38	14								X		
10:44	15								X		
10:49	16								X		

Weather Conditions

- Mostly Sunny
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- 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: 100 %

Barometric Pressure: 101.67 kpa

Notes:

Date Signed: May 7, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: May 7, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
11:14	5								X		
11:20	1								X		
11:26	11							X		415	Not site related
11:32	2								X		
11:37	4								X		
11:48	6							X		722	Slight site odour
11:53	7							X		722	Slight site odour
11:58	8								X		
12:35	9								X		
12:41	10						X			515	WWTP
12:55	3								X		
1:00	12								X		
1:09	17								X		
1:14	13								X		
1:19	14								X		
1:24	15								X		
1:29	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: 7 °C

Relative Humidity: 100 %

Barometric Pressure: 101.77 kpa

Notes:

Date Signed: May 7, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: May 7, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
1:40	5								X		
1:46	1								X		
1:51	11								X		
1:58	2								X		
2:06	4								X		
2:11	6								X		
2:17	7								X		
2:22	8								X		
2:27	9								X		
2:33	10						X			515	WWTP
2:38	3								X		
2:43	12								X		
2:48	17								X		
2:53	13								X		
2:58	14								X		
3:03	15								X		
3:08	16								X		

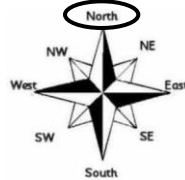
Weather Conditions

- 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: 8 °C

Relative Humidity: 96 %

Barometric Pressure: 101.78 kpa

Notes:

Date Signed: May 7, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: May 7, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
3:30	5								X		
3:35	1								X		
3:40	11							X		722	Slight Site Odour
3:46	2								X		
3:51	4								X		
4:00	6							X		722	Slight Site Odour
4:06	7								X		
4:11	8						X			722	Slight Site Odour
4:16	9								X		
4:22	10						X			515	WWTP
4:32	3								X		
4:38	12								X		
4:44	17								X		
4:50	13								X		
4:56	14								X		
5:01	15								X		
6:06	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: 87 %

Barometric Pressure: 101.76 kpa

Notes:

Date Signed: May 7, 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

