



MEMORANDUM

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

From: Dawn MacNeil

Date: July 12, 2012

Subject: Odour Monitoring Daily Report; July 10, 2012

Weather Conditions	Mostly Sunny
Precipitation	None
Wind Direction	South/SouthWest
Wind Speed	Moderate Wind (8 - 25 km/h)
Temperature	13 °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 10, 2012
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: July 10, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:02	3								X		
7:10	6								X		
7:16	7								X		
7:21	8								X		
7:44	9								X		
7:50	10								X		
8:03	12								X		
8:12	17								X		
8:20	13								X		
8:23	14								X		
8:30	15							X		500	Not site related - Millcreek
8:35	16								X		
8:45	5								X		
8:51	1								X		
8:58	11								X		
9:03	2								X		
9:08	4								X		

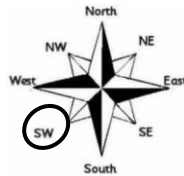
Weather Conditions

- 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: 85 %

Barometric Pressure: 101.02 kpa

Notes: _____

Date Signed: July 10, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: July 10, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:24	3								X		
9:30	6								X		
9:36	7								X		
9:44	8								X		
9:51	9								X		
9:57	10								X		
10:08	12								X		
10:15	17								X		
10:20	13								X		
10:26	14								X		
10:31	15								X		
10:36	16								X		
10:53	5								X		
10:59	1								X		
11:05	11								X		
11:12	2								X		
11:20	4								X		

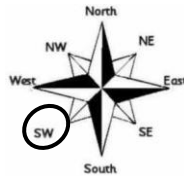
Weather Conditions

- 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: 65 %

Barometric Pressure: 101.16 kpa

Notes: _____

Date Signed: July 10, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: July 10, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
11:26	3								X		
11:31	6								X		
11:37	7								X		
11:42	8								X		
11:48	9								X		
11:54	10							X		515	Not site related - sewer
12:36	12								X		
12:43	17								X		
12:49	13								X		
12:53	14							X		506/722	Slight site odour
1:00	15								X		
1:05	16								X		
1:14	5							X		722	Slight site odour
1:28	1								X		
1:35	11								X		
1:40	2								X		
1:45	4								X		

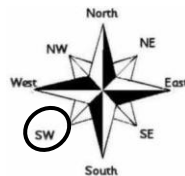
Weather Conditions

- 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: 21 °C

Relative Humidity: 49 %

Barometric Pressure: 101.22 kpa

Notes:

Date Signed: July 10, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: July 10, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
2:02	3								X		
2:08	6								X		
2:14	7								X		
2:19	8								X		
2:25	9								X		
2:31	10							X		515	Not site related - sewer
2:43	12								X		
2:50	17								X		
2:56	13								X		
3:02	14							X		506/722	Slight site odour
3:07	15							X		722	Slight site odour
3:14	16								X		
3:35	5							X		722	Slight site odour
3:42	1								X		
3:48	11								X		
3:53	2								X		
3:58	4								X		

Weather Conditions

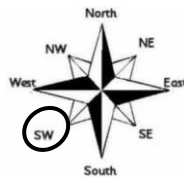
Precipitation

Wind Direction (Blowing From)

Wind Speed

- Mostly Sunny
- Partly Cloudy
- Mostly Cloudy
- Overcast
- Hazy

- None
- Fog
- Rain
- Sleet
- Snow



- Calm
- Light Breeze (1 – 8 km/h)
- Moderate Wind (8 – 25 km/h)
- Strong Winds (25 km/h or higher)

Temperature: 23 °C

Relative Humidity: 37 %

Barometric Pressure: 101.22 kpa

Notes: _____

Date Signed: July 10, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: July 10, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
4:10	3								X		
4:16	6								X		
4:22	7								X		
4:27	8								X		
4:33	9								X		
4:39	10								X		
4:52	12								X		

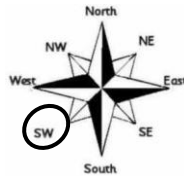
Weather Conditions

- 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: 24 °C

Relative Humidity: 32 %

Barometric Pressure: 101.22 kpa

Notes: _____

Date Signed: July 10, 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

