



MEMORANDUM

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

From: Dawn MacNeil

Date: September 19, 2012

Subject: Odour Monitoring Daily Report; September 18, 2012

Weather Conditions	Mostly Sunny
Precipitation	None
Wind Direction	South / South West
Wind Speed	Moderate Wind (8 -25 km/h)
Temperature	11 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 September 18, 2012
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: September 18, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:03	3								X		
7:13	6								X		
7:18	7								X		
7:23	8								X		
7:28	9								X		
7:33	10								X		
7:54	12								X		
8:00	17								X		
8:09	13								X		
8:14	14								X		
8:19	15								X		
8:24	16								X		
8:37	5								X		
8:50	1								X		
8:58	11								X		
9:03	2								X		
9:08	4								X		

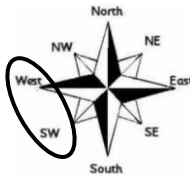
Weather Conditions

- 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: 11 °C

Relative Humidity: 87 %

Barometric Pressure: 102.02 kpa

Notes: _____

Date Signed: September 18, 2012 Name: Denise Walker Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: September 18, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:15	3								X		
9:27	6								X		
9:35	7								X		
9:40	8								X		
9:45	9								X		
9:51	10								X		
10:11	12								X		
10:18	17								X		
10:24	13								X		
10:29	14								X		
10:34	15								X		
10:39	16								X		
10:47	5							X		722	Slight site odour
10:53	1								X		
11:05	11								X		
11:12	2								X		
11:17	4								X		

Weather Conditions

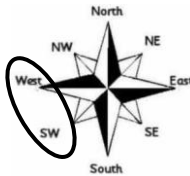
Precipitation

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: 24 °C

Relative Humidity: 52 %

Barometric Pressure: 102.04 kpa

Notes: _____

Date Signed: September 18, 2012 Name: Denise Walker Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: September 18, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
11:25	3								X		
11:32	6								X		
11:37	7								X		
11:42	8								X		
11:47	9								X		
11:54	10								X		
12:35	12								X		
12:42	17								X		
12:49	13								X		
12:57	14								X		
1:03	15								X		
1:09	16								X		
1:21	5							X		722	Slight site odour
1:34	1								X		
1:41	11								X		
1:46	2								X		
1:51	4								X		

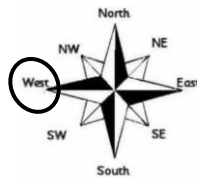
Weather Conditions

- 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: 24 °C

Relative Humidity: 52 %

Barometric Pressure: 102.04 kpa

Notes:

Date Signed: September 18, 2012

Name: Denise Walker

Signature: *Denise Walker*



ODOUR MONITORING DATA SHEET

DATE: September 18, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
2:02	3								X		
2:12	6								X		
2:17	7								X		
2:21	8								X		
2:25	9								X		
2:30	10								X		
2:50	12								X		
2:59	17								X		
3:07	13								X		
3:12	14								X		
3:17	15							X		506	Not site related-other activity in the area
3:18	16								X		
3:30	5								X		
3:37	1								X		
3:42	11								X		
3:47	2								X		
3:52	4								X		

Weather Conditions

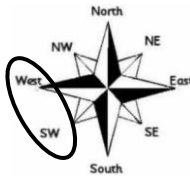
Precipitation

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: 21 °C

Relative Humidity: 43 %

Barometric Pressure: 102.29 kpa

Notes: _____

Date Signed: September 18, 2012 Name: Denise Walker Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: September 18, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
4:05	3								X		
4:11	6								X		
4:16	7								X		
4:21	8								X		
4:26	9								X		
4:31	10								X		
4:44	12								X		
4:51	17								X		

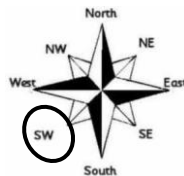
Weather Conditions

- 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: 45 %

Barometric Pressure: 102.28 kpa

Notes: _____

Date Signed: September 18, 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

