



MEMORANDUM

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

From: Dawn MacNeil

Date: September 18, 2012

Subject: Odour Monitoring Daily Report; September 17, 2012

Weather Conditions	Mostly Sunny
Precipitation	None
Wind Direction	South / South West
Wind Speed	Moderate Wind (8 -25 km/h)
Temperature	12 °C - 18 °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 17, 2012
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: September 17, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:03	3								X		
7:12	6								X		
7:17	7								X		
7:22	8								X		
7:27	9								X		
7:32	10								X		
7:46	12								X		
7:53	17								X		
7:59	13								X		
8:04	14								X		
8:09	15								X		
8:14	16								X		
8:37	5								X		
8:45	1								X		
8:52	11								X		
8:57	2								X		
9:02	4								X		

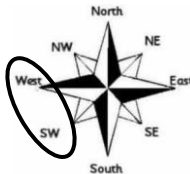
Weather Conditions

- 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: 70 %

Barometric Pressure: 100.98 kpa

Notes:

Date Signed: September 17, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: September 17, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:24	3								X		
9:30	6								X		
9:35	7								X		
9:41	8								X		
9:46	9								X		
9:51	10								X		
9:59	12								X		
10:06	17								X		
10:11	13							X		506	Not site related – other activities in area
10:16	14							X		506	Not site related – other activities in area
10:21	15							X		712	Slight site odour
10:27	16								X		
10:40	5								X		
10:46	1								X		
10:53	11								X		
10:58	2								X		
11:04	4								X		

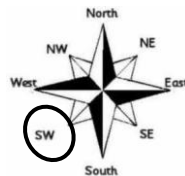
Weather Conditions

- 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: 76 %

Barometric Pressure: 101.12 kpa

Notes:

Date Signed: September 17, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: September 17, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
11:19	3								X		
11:25	6								X		
11:31	7								X		
11:36	8								X		
11:41	9								X		
11:46	10								X		
12:33	12								X		
12:41	17								X		
12:46	13								X		
12:51	14								X		
12:56	15								X		
1:02	16								X		
1:14	5								X		
1:23	1							X		712/713	Slight site odour
1:31	11								X		
1:36	2								X		
1:41	4								X		

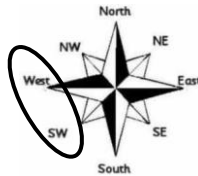
Weather Conditions

- 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: 15 °C

Relative Humidity: 64 %

Barometric Pressure: 101.21 kpa

Notes: _____

Date Signed: September 17, 2012 Name: Denise Walker Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: September 17, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
2:00	3								X		
2:09	6								X		
2:14	7								X		
2:19	8								X		
2:25	9								X		
2:31	10								X		
2:42	12								X		
2:49	17								X		
2:57	13								X		
3:04	14								X		
3:09	15								X		
3:14	16								X		
3:32	5								X		
3:43	1								X		
3:49	11								X		
3:55	2								X		
4:02	4								X		

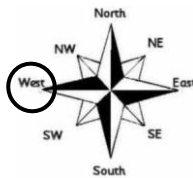
Weather Conditions

- 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: 17 °C

Relative Humidity: 52 %

Barometric Pressure: 101.25 kpa

Notes: _____

Date Signed: September 17, 2012 Name: Denise Walker Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: September 17, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
4:10	3								X		
4:18	6								X		
4:23	7								X		
4:28	8								X		
4:33	9								X		
4:39	10								X		
4:47	12							X		712	Slight site odour
4:54	17								X		

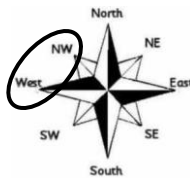
Weather Conditions

- 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: 18 °C

Relative Humidity: 48 %

Barometric Pressure: 101.25 kpa

Notes: _____

Date Signed: September 17, 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

