



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 15, 2012

Weather Conditions	Partly Cloudy
Precipitation	None
Wind Direction	South
Wind Speed	Moderate Wind (8 -25 km/h)
Temperature	13 °C - 21 °C

Six 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 15, 2012
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: September 15, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
6:50	5								X		
7:00	1								X		
7:06	11								X		
7:12	2								X		
7:18	4								X		
7:24	3								X		
7:30	6								X		
7:36	7								X		
7:42	8								X		
7:48	9								X		
7:55	10							X		515	Not site related – other activities in the area
8:04	12								X		
8:10	17								X		
8:17	14								X		
8:23	15								X		
8:29	16								X		
8:36	13								X		

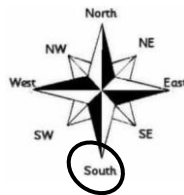
Weather Conditions

- 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: 93 %

Barometric Pressure: 102.20 kpa

Notes:

Date Signed: September 15, 2012

Name: Terry Hyisky

Signature: 



ODOUR MONITORING DATA SHEET

DATE: September 15, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
8:58	5								X		
9:04	1								X		
9:10	11								X		
9:16	2								X		
9:22	4								X		
9:28	3								X		
9:34	6								X		
9:40	7								X		
9:46	8								X		
9:52	9								X		
10:00	10								X		
10:09	12								X		
10:15	17								X		
10:21	14								X		
10:27	15								X		
10:33	16								X		
10:40	13								X		

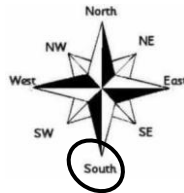
Weather Conditions

- 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: 80 %

Barometric Pressure: 102.20 kpa

Notes:

Date Signed: September 15, 2012

Name: Terry Hyisky

Signature:



ODOUR MONITORING DATA SHEET

DATE: September 15, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
10:59	5								X		
11:05	1								X		
11:11	11								X		
11:17	2								X		
11:23	4								X		
11:30	3								X		
11:36	6								X		
11:42	7								X		
11:48	8								X		
11:54	9								X		
12:00	10								X		
12:09	12								X		
12:15	17								X		
12:21	14								X		
12:27	15								X		
12:33	16								X		
12:41	13								X		

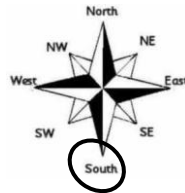
Weather Conditions

- 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: 81 %

Barometric Pressure: 102.10 kpa

Notes:

Date Signed: September 15, 2012

Name: Terry Hyisky

Signature:



ODOUR MONITORING DATA SHEET

DATE: September 15, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
1:05	5								X		
1:11	1								X		
1:17	11								X		
1:23	2								X		
1:29	4								X		
1:35	3								X		
1:41	6								X		
1:47	7								X		
1:53	8								X		
2:00	9								X		
2:06	10								X		
2:15	12								X		
2:21	17								X		
2:27	14								X		
2:33	15								X		
2:39	16								X		
2:46	13								X		

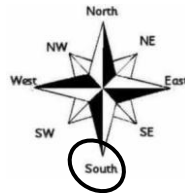
Weather Conditions

- 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: 63 %

Barometric Pressure: 102.00 kpa

Notes:

Date Signed: September 15, 2012

Name: Terry Hyisky

Signature:



ODOUR MONITORING DATA SHEET

DATE: September 15, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
3:02	5							X		712	Slight site odour
3:08	1								X		
3:14	11								X		
3:20	2								X		
3:26	4								X		
3:32	3								X		
3:38	6								X		
3:44	7								X		
3:50	8								X		
3:56	9								X		
4:04	10								X		
4:11	12								X		
4:17	17								X		
4:24	14								X		
4:30	15								X		
4:36	16								X		
4:44	13								X		

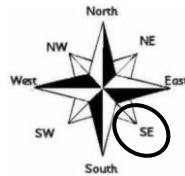
Weather Conditions

- 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: 20 °C

Relative Humidity: 70 %

Barometric Pressure: 101.90 kpa

Notes:

Date Signed: September 15, 2012

Name: Terry Hyisky

Signature:



ODOUR MONITORING DATA SHEET

DATE: September 15, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
5:07	5							X		712	Slight site odour
5:13	1								X		
5:20	11								X		
5:26	2								X		
5:33	4								X		
5:40	3								X		
5:46	6								X		
5:53	7								X		
6:00	8								X		
6:06	9								X		
6:15	10								X		
6:27	12								X		
6:29	17								X		
6:36	14								X		
6:42	15								X		
6:49	16								X		
6:57	13								X		

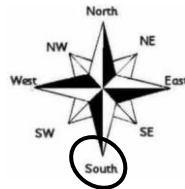
Weather Conditions

- 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: 72 %

Barometric Pressure: 101.80 kpa

Notes:

Date Signed: September 15, 2012

Name: Terry Hyisky

Signature:

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

