



MEMORANDUM

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

From: Dawn MacNeil

Date: December 13, 2011

Subject: Odour Monitoring Daily Report; December 12, 2011

Weather Conditions	Partly Cloudy
Precipitation	None
Wind Direction	West/South West
Wind Speed	Moderate Winds (8 - 25 km/h)
Temperature	-4 °C - 3 °C

Three and one half rounds of monitoring were conducted today with no quantifiable site-related odours detected.

Please find attached:

- Odour Monitoring Data Sheets for December 12, 2011
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: December 12, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
6:40	1								X		
6:49	2								X		
6:58	3								X		
7:08	4								X		
7:24	5								X		
7:35	6								X		
7:44	7								X		
7:52	8								X		
8:02	9								X		
8:11	10								X		
8:28	11								X		
8:39	12								X		
8:49	13								X		
8:58	14								X		
9:06	15								X		
9:15	16								X		
9:24	17								X		

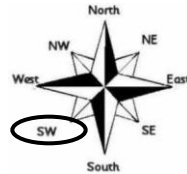
Weather Conditions

- 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: ___-4___ °C Relative Humidity: ___74___ %

Barometric Pressure: ___103.29___ kPa

Notes:

Date Signed: December 12, 2011

Name: Gloria Paul

Signature:



ODOUR MONITORING DATA SHEET

DATE: December 12, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:34	1								X		
9:43	2								X		
9:52	3								X		
10:00	4								X		
10:14	5								X		
10:28	6								X		
10:37	7								X		
10:47	8								X		
10:58	9								X		
11:06	10								X		
11:21	11								X		
11:36	12								X		
11:45	13								X		
11:54	14								X		
12:56	15								X		
1:05	16								X		
1:16	17								X		

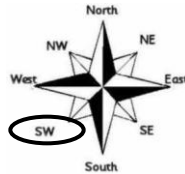
Weather Conditions

- 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: ___-3___ °C

Relative Humidity: _____ 58 _____ %

Barometric Pressure: ___103.16___ kPa

Notes:

Date Signed: December 12, 2011

Name: Gloria Paul

Signature:



ODOUR MONITORING DATA SHEET

DATE: December 12, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
1:30	1								X		
1:39	2								X		
1:48	3								X		
1:58	4								X		
2:13	5								X		
2:28	6								X		
2:37	7								X		
2:45	8								X		
2:54	9								X		
3:03	10								X		
3:26	11								X		
3:38	12								X		
3:47	13								X		
3:56	14								X		
4:04	15								X		
4:12	16								X		
4:25	17								X		

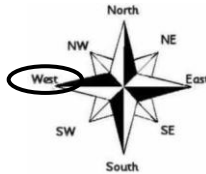
Weather Conditions

- 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: 3 °C Relative Humidity: 70 %

Barometric Pressure: 102.90 kPa

Notes:

Date Signed: December 12, 2011

Name: Gloria Paul

Signature:

ODOUR MONITORING DATA SHEET

DATE: December 12, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
4:35	1								X		
4:43	2								X		
4:51	3								X		
4:58	4								X		

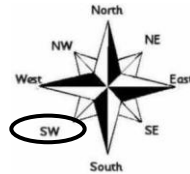
Weather Conditions

- 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: 3 °C Relative Humidity: 68 %

Barometric Pressure: 102.88 kPa

Notes: _____

Date Signed: December 12, 2011

Name: Gloria Paul

Signature:



Figure 1

Community Odour Monitoring Circuit
 Sydney Tar Ponds and Coke Ovens Cleanup
Sydney, Nova Scotia



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

