



MEMORANDUM

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

From: Dawn MacNeil

Date: November 24, 2011

Subject: Odour Monitoring Daily Report; November 23, 2011

Weather Conditions	Mostly Cloudy
Precipitation	None/Snow in the afternoon
Wind Direction	South West
Wind Speed	Light Breeze (1 - 8 km/h)
Temperature	-3 °C - 1 °C

Three rounds of monitoring were conducted today with no quantifiable site-related odours greater than <2DT detected.

Please find attached:

- Odour Monitoring Data Sheets for November 23, 2011
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: November 23, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
6:45	1								X		
6:54	2								X		
7:03	3								X		
7:12	4								X		
7:28	5								X		
7:41	6								X		
7:49	7								X		
7:58	8								X		
8:08	9								X		
8:17	10								X		
8:32	11								X		
8:47	12								X		
9:00	13								X		
9:09	14								X		
9:17	15								X		
9:26	16								X		
9:36	17								X		

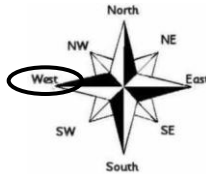
Weather Conditions

- 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: ___74___ % Barometric Pressure: ___102.50___ kPa

Notes: _____

Date Signed: November 23, 2011 Name: Gloria Paul Signature: *Gloria Paul*



ODOUR MONITORING DATA SHEET

DATE: November 23, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:47	1								X		
10:00	2								X		
10:09	3								X		
10:19	4								X		
10:30	5								X		
10:48	6								X		
10:56	7								X		
11:10	8								X		
11:20	9								X		
11:29	10								X		
11:43	11								X		
11:56	12								X		
1:00	13								X		
1:09	14								X		
1:19	15								X		
1:27	16								X		
1:37	17							X		715	Slight site odour

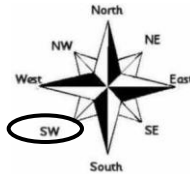
Weather Conditions

- 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: ___-2___ °C Relative Humidity: ___69___ % Barometric Pressure: ___102.50___ kPa

Notes: _____

Date Signed: November 23, 2011

Name: Gloria Paul

Signature: *Gloria Paul*



ODOUR MONITORING DATA SHEET

DATE: November 23, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
1:50	1								X		
2:00	2								X		
2:09	3								X		
2:16	4								X		
2:26	5								X		
2:48	6								X		
2:58	7								X		
3:06	8								X		
3:14	9								X		
3:24	10								X		
3:36	11								X		
3:48	12								X		
3:54	13								X		

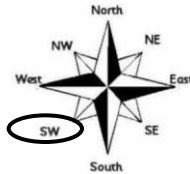
Weather Conditions

- 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: 1 °C Relative Humidity: 56 %

Barometric Pressure: 102.20 kPa

Notes: _____

Date Signed: November 23, 2011

Name: Gloria Paul

Signature: *Gloria Paul*



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

