



MEMORANDUM

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

From: Dawn MacNeil

Date: April 3, 2012

Subject: Odour Monitoring Daily Report; April 2, 2012

Weather Conditions	Mostly Cloudy
Precipitation	None
Wind Direction	South/South East
Wind Speed	Moderate Winds (8 - 25 km/h)
Temperature	-1 °C - 4 °C

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

Please find attached:

- Odour Monitoring Data Sheets for April 2, 2012
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: April 2, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:10	4								X		
7:16	3								X		
7:21	6								X		
7:28	7								X		
7:34	8								X		
7:41	9								X		
7:46	10								X		
7:58	12								X		
8:05	17								X		
8:12	13								X		
8:20	14								X		
8:25	15								X		
8:30	16								X		
8:37	11								X		
8:43	2								X		
8:48	1								X		
8:54	5								X		

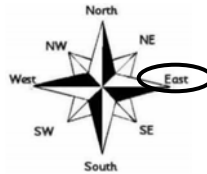
Weather Conditions

- 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: ___69___ %

Barometric Pressure: ___100.43___ kPa

Notes:

Date Signed: April 2, 2012

Name: Jackie Miles

Signature: Jackie Miles



ODOUR MONITORING DATA SHEET

DATE: April 2, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:20	4								X		
9:26	3								X		
9:31	6								X		
9:37	7								X		
9:42	8								X		
9:49	9								X		
9:55	10								X		
10:06	12								X		
10:12	17								X		
10:17	13								X		
10:24	14								X		
10:29	15								X		
10:34	16								X		
10:41	11								X		
10:46	2								X		
10:55	1								X		
11:02	5								X		

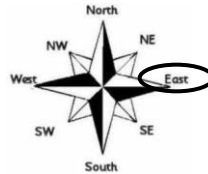
Weather Conditions

- 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: 40 %

Barometric Pressure: 100.42 kPa

Notes:

Date Signed: April 2, 2012

Name: Jackie Miles

Signature: Jackie Miles



ODOUR MONITORING DATA SHEET

DATE: April 2, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
11:25	4								X		
11:31	3								X		
11:36	6								X		
11:41	7								X		
11:47	8								X		
12:52	9								X		
12:58	10							X		500	WWTP
1:12	12								X		
1:18	17								X		
1:24	13								X		
1:31	14								X		
1:36	15								X		
1:43	16								X		
1:51	11								X		
1:56	2								X		
2:06	1								X		
2:15	5								X		

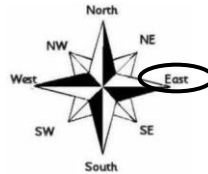
Weather Conditions

- 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: 40 %

Barometric Pressure: 100.42 kPa

Notes:

Date Signed: April 2, 2012

Name: Jackie Miles

Signature: Jackie Miles



ODOUR MONITORING DATA SHEET

DATE: April 2, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
2:35	4								X		
2:40	3								X		
2:46	6								X		
2:53	7								X		
3:00	8								X		
3:06	9								X		
3:13	10								X		
3:44	12								X		
3:50	17								X		
3:55	13								X		
4:01	14								X		
4:07	15								X		
4:14	16								X		
4:23	11								X		
4:28	2								X		
4:34	1								X		
4:39	5								X		

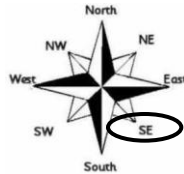
Weather Conditions

- 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: 51 %

Barometric Pressure: 100.22 kPa

Notes:

Date Signed: April 2, 2012

Name: Jackie Miles

Signature: Jackie Miles



ODOUR MONITORING DATA SHEET

DATE: April 2, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
4:56	4								X		
5:01	3								X		
5:06	6								X		
5:11	7								X		
5:17	8								X		
5:22	9								X		

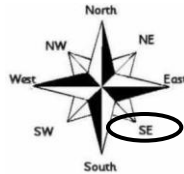
Weather Conditions

- 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: 56 % Barometric Pressure: 100.18 kPa

Notes: _____

Date Signed: April 2, 2012 Name: Jackie Miles Signature: Jackie Miles

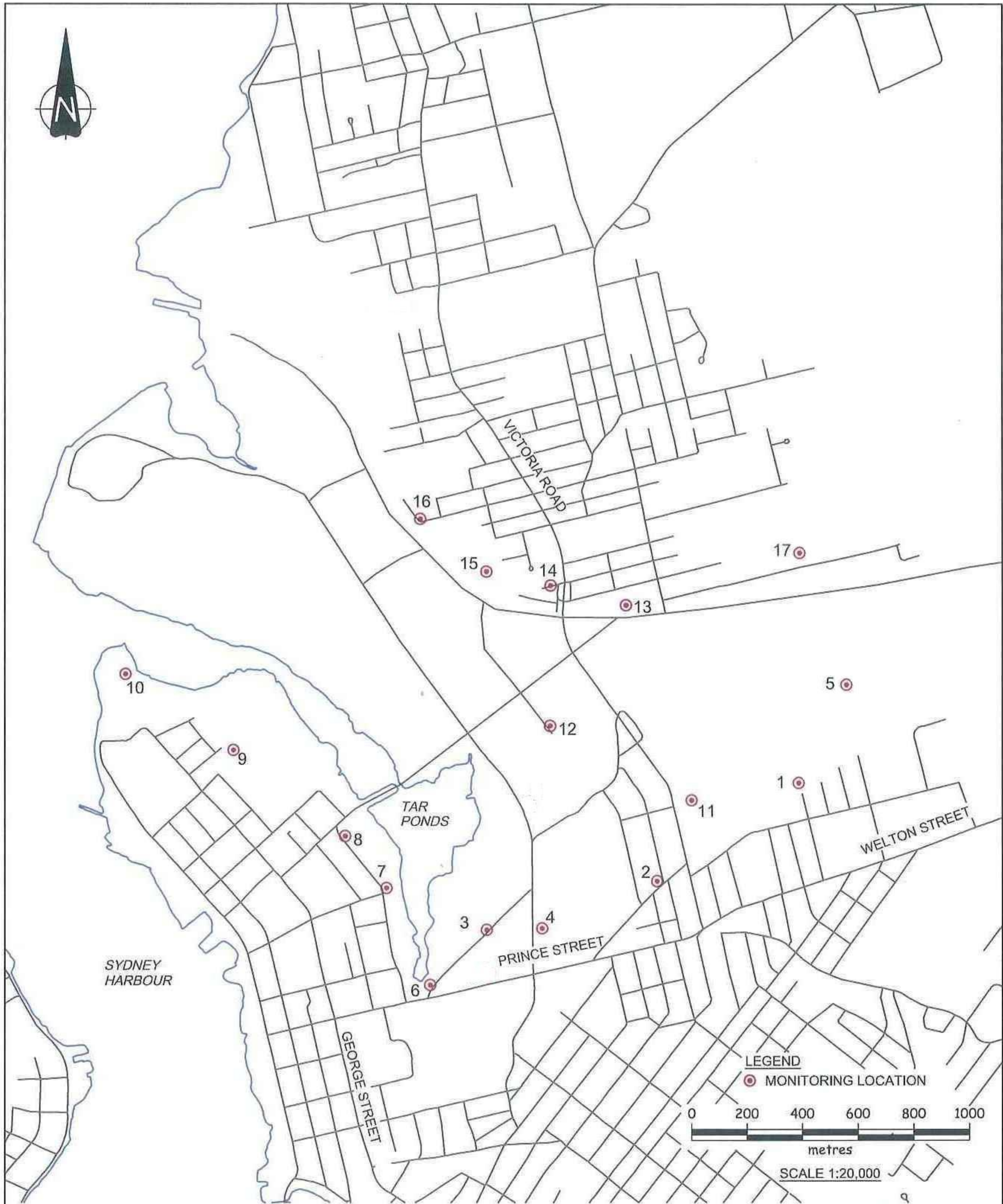


Figure 1

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

