



MEMORANDUM

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

From: Dawn MacNeil

Date: April 4, 2012

Subject: Odour Monitoring Daily Report; April 3, 2012

Weather Conditions	Overcast
Precipitation	None
Wind Direction	South
Wind Speed	Moderate Winds (8 - 25 km/h)
Temperature	-1 °C - -3 °C

Five rounds of monitoring were conducted today with no quantifiable site-related odours detected.

Please find attached:

- Odour Monitoring Data Sheets for April 3, 2012
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: April 3, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:00	5								X		
7:10	1								X		
7:16	2								X		
7:23	11								X		
7:31	16								X		
7:36	15								X		
7:42	14								X		
7:49	13								X		
7:54	17								X		
8:02	12								X		
8:15	4								X		
8:21	3								X		
8:26	6								X		
8:34	7								X		
8:40	8								X		
8:45	9								X		
8:51	10							X		515	WWTP

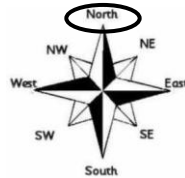
Weather Conditions

- 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: ____99.99____ kPa

Notes:

Date Signed: April 3, 2012

Name: Jackie Miles

Signature: Jackie Miles



ODOUR MONITORING DATA SHEET

DATE: April 3, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:07	5								X		
9:12	1								X		
9:18	2								X		
9:23	11								X		
9:30	16								X		
9:35	15								X		
9:41	14								X		
9:46	13								X		
9:51	17								X		
9:58	12								X		
10:08	4								X		
10:13	3								X		
10:19	6								X		
10:25	7								X		
10:32	8								X		
10:40	9								X		
10:46	10							X		515	WWTP

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: ____ 73 ____ %

Barometric Pressure: ____ 99.99 ____ kPa

Notes:

Date Signed: April 3, 2012

Name: Jackie Miles

Signature: Jackie Miles



ODOUR MONITORING DATA SHEET

DATE: April 3, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
10:05	5								X		
11:12	1								X		
11:20	2								X		
11:26	11								X		
11:35	16								X		
11:41	15								X		
11:46	14								X		
11:52	13								X		
11:57	17								X		
1:00	12								X		
1:09	4								X		
1:15	3								X		
1:21	6								X		
1:29	7								X		
1:39	8								X		
1:45	9								X		
1:51	10								X		

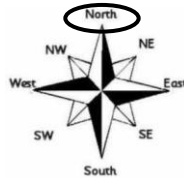
Weather Conditions

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- 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: ____ 71 ____ %

Barometric Pressure: ____ 99.94 ____ kPa

Notes:

Date Signed: April 3, 2012

Name: Jackie Miles

Signature: Jackie Miles



ODOUR MONITORING DATA SHEET

DATE: April 3, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
2:04	5								X		
2:12	1								X		
2:18	2								X		
2:24	11								X		
2:34	16								X		
2:40	15								X		
2:45	14								X		
2:52	13								X		
2:57	17								X		
3:04	12								X		
3:11	4								X		
3:17	3								X		
3:22	6								X		
3:28	7								X		
3:34	8								X		
3:39	9								X		
3:45	10								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: ____70____ %

Barometric Pressure: ____99.78____ kPa

Notes:

Date Signed: April 3, 2012

Name: Jackie Miles

Signature: Jackie Miles



ODOUR MONITORING DATA SHEET

DATE: April 3, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
3:56	5								X		
4:01	1								X		
4:08	2								X		
4:13	11								X		
4:22	16								X		
4:28	15								X		
4:35	14								X		
4:42	13								X		
4:47	17								X		
4:53	12								X		
5:00	4								X		
5:05	3								X		
5:10	6								X		
5:16	7								X		
5:21	8								X		
5:26	9								X		

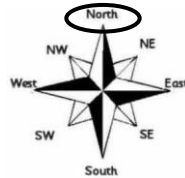
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- Overcast
- Hazy

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: _____72_____ %

Barometric Pressure: ____99.70____ kPa

Notes:

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Signature: Jackie Miles

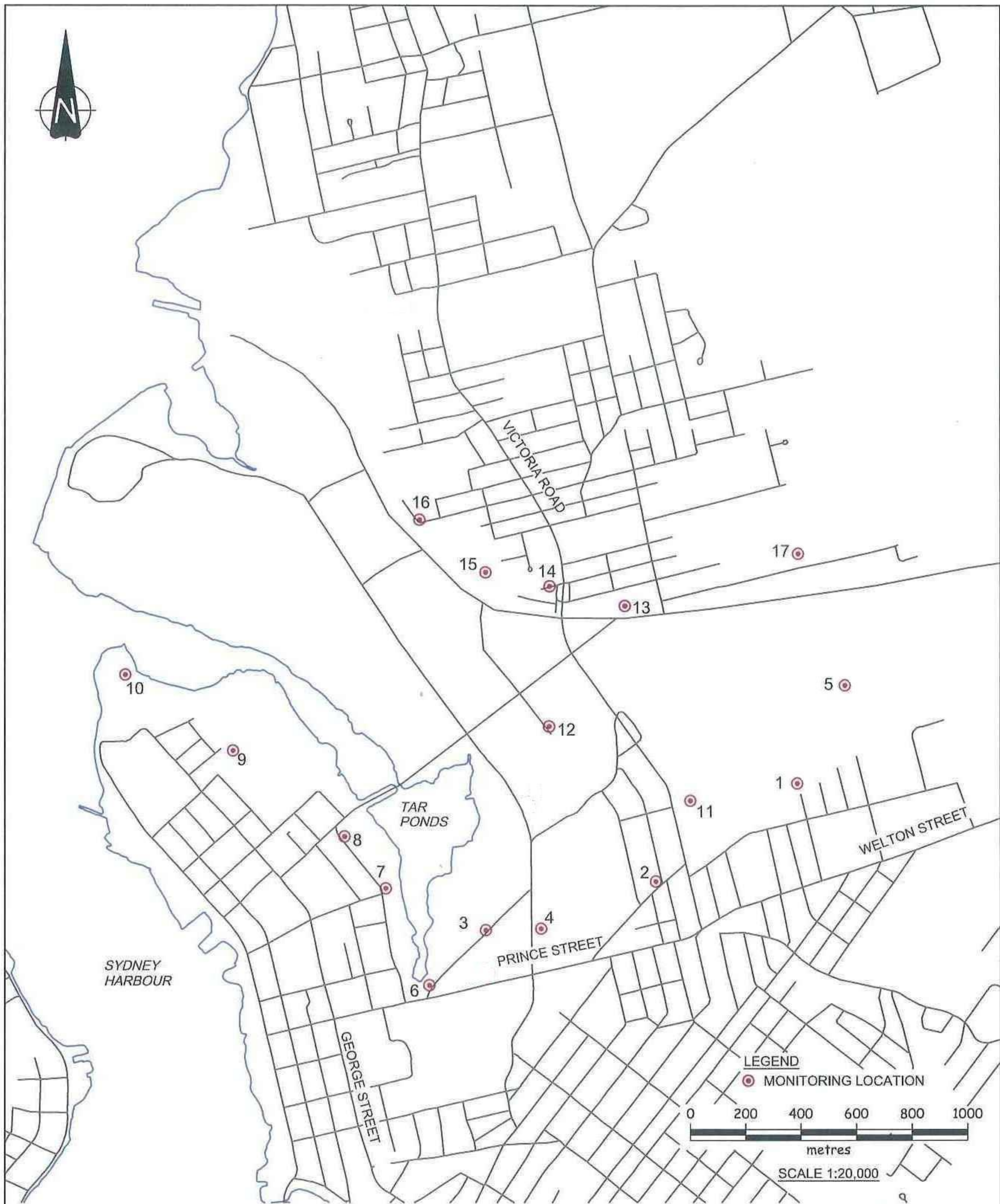


Figure 1

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

