



MEMORANDUM

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

From: Dawn MacNeil

Date: November 21, 2011

Subject: Odour Monitoring Daily Report; November 19, 2011

Weather Conditions	Mostly Sunny
Precipitation	None
Wind Direction	South West
Wind Speed	Moderate Winds (8 - 25 km/h)
Temperature	-2 °C - 4 °C

Four and one half 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 19, 2011
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: November 19, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:10	2								X		
7:17	3								X		
7:23	4								X		
7:29	6								X		
7:36	7								X		
7:41	8								X		
7:47	9								X		
7:54	10								X		
8:06	11								X		
8:15	12								X		
8:21	13								X		
8:26	17								X		
8:32	14								X		
8:37	15								X		
8:43	16								X		
8:53	1								X		
9:01	5							X		712	Slight site odour

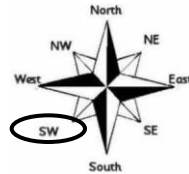
Weather Conditions

- 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: _____73_____ %

Barometric Pressure: ____102.52____ kPa

Notes:

Date Signed: November 19, 2011

Name: Jackie Miles

Signature: Jackie Miles



ODOUR MONITORING DATA SHEET

DATE: November 19, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:15	2								X		
9:21	3								X		
9:27	4								X		
9:32	6								X		
9:38	7								X		
9:43	8								X		
9:50	9								X		
9:58	10								X		
10:08	11								X		
10:15	12								X		
10:21	13								X		
10:26	17								X		
10:33	14								X		
10:38	15								X		
10:43	16								X		
10:53	1								X		
11:00	5								X		

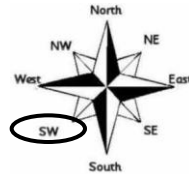
Weather Conditions

- 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: ____ 102.66 ____ kPa

Notes:

Date Signed: November 19, 2011

Name: Jackie Miles

Signature: Jackie Miles



ODOUR MONITORING DATA SHEET

DATE: November 19, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
11:12	2								X		
11:18	3								X		
11:23	4								X		
11:29	6								X		
11:34	7								X		
11:46	8								X		
11:46	9								X		
11:53	10								X		
12:06	11								X		
1:01	12								X		
1:08	13								X		
1:14	17								X		
1:23	14								X		
1:29	15								X		
1:35	16								X		
1:46	1								X		
1:55	5								X		

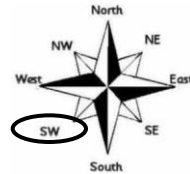
Weather Conditions

- 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: ____102.07____ kPa

Notes:

Date Signed: November 19, 2011

Name: Jackie Miles

Signature: Jackie Miles



ODOUR MONITORING DATA SHEET

DATE: November 19, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
2:10	2								X		
2:17	3								X		
2:23	4								X		
2:30	6								X		
2:37	7								X		
2:43	8								X		
2:50	9								X		
2:57	10								X		
3:10	11								X		
3:18	12								X		
3:25	13								X		
3:31	17								X		
3:39	14								X		
3:45	15								X		
3:52	16								X		
4:04	1								X		
4:14	5								X		

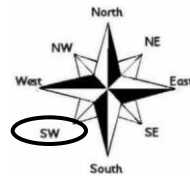
Weather Conditions

- 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: ____56____ %

Barometric Pressure: ____102.58____ kPa

Notes:

Date Signed: November 19, 2011

Name: Jackie Miles

Signature: Jackie Miles



ODOUR MONITORING DATA SHEET

DATE: November 19, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
4:24	2								X		
4:30	3								X		
4:36	4								X		
4:43	6								X		
4:49	7								X		
4:54	8								X		
5:00	9								X		
5:07	10								X		
5:19	11								X		

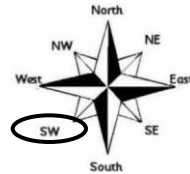
Weather Conditions

- 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: ____59____ %

Barometric Pressure: ____102.47____ kPa

Notes:

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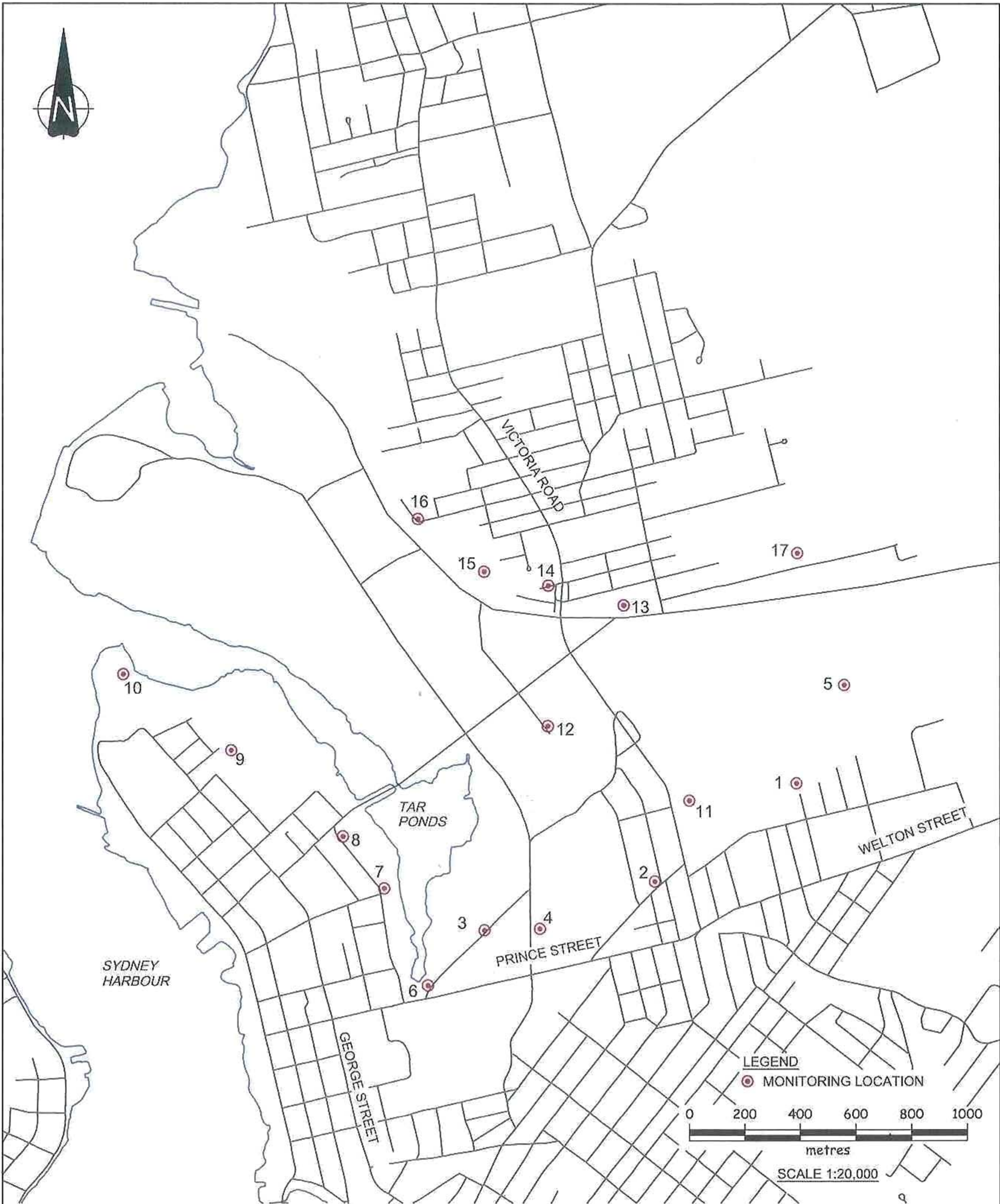


Figure 1

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

