



MEMORANDUM

To: Dawn MacNeil

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

From: Kathleen Whelan

Date: August 23, 2011

Subject: Odour Monitoring Daily Report; August 22, 2011

Weather Conditions	Cloudy in the morning, sunny in the afternoon
Precipitation	None
Wind Direction	South / South West
Wind Speed	Varied between 7 - 31 km/h
Temperature	19 C - 24 C

Five and a half rounds of monitoring were conducted today with no site-related odours detected.

Please find attached:

- Odour Monitoring Data Sheets for August 22, 2011
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: August 22, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:19	1								X		
7:24	12								X		
7:29	13								X		
7:34	14								X		
7:40	15								X		
7:45	16								X		
7:51	17								X		
8:00	11								X		
8:05	2								X		
8:10	4								X		
8:14	5								X		
8:19	3								X		
8:23	6								X		
8:27	7								X		
8:31	8								X		
8:36	9								X		
8:41	10								X		

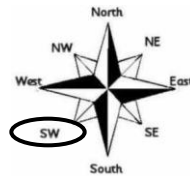
Weather Conditions

- 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: 19 °C Relative Humidity: 96 %

Barometric Pressure: 101.59 kPa

Notes:

Date Signed: August 22, 2011

Name: Jackie Miles

Signature: Jackie Miles



ODOUR MONITORING DATA SHEET

DATE: August 22, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
8:50	1								X		
8:55	12								X		
9:00	13								X		
9:05	14								X		
9:10	15								X		
9:15	16								X		
9:20	17								X		
9:25	11								X		
9:30	2								X		
9:35	4								X		
9:40	5								X		
9:45	3								X		
9:50	6								X		
9:55	7								X		
10:00	8								X		
10:05	9								X		
10:10	10								X		

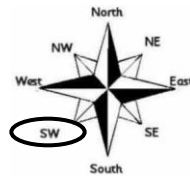
Weather Conditions

- 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: 19 °C Relative Humidity: _____ % Barometric Pressure: _____ kPa

Notes: _____

Date Signed: August 22, 2011

Name: Jackie Miles

Signature: Jackie Miles



ODOUR MONITORING DATA SHEET

DATE: August 22, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
10:16	1								X		
10:21	12								X		
10:26	13								X		
10:31	14								X		
10:36	15								X		
10:41	16								X		
10:46	17								X		
10:52	11								X		
10:57	2								X		
11:03	4								X		
11:08	5								X		
11:13	3								X		
11:18	6								X		
11:23	7								X		
11:29	8								X		
11:37	9								X		
11:44	10								X		

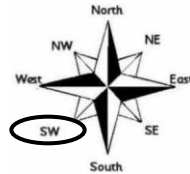
Weather Conditions

- 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: 22 °C Relative Humidity: _____ % Barometric Pressure: _____ kPa

Notes: _____

Date Signed: August 22, 2011

Name: Jackie Miles

Signature: Jackie Miles



ODOUR MONITORING DATA SHEET

DATE: August 22, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
11:54	1								X		
1:12	12								X		
1:16	13								X		
1:21	14								X		
1:26	15								X		
1:32	16								X		
1:38	17								X		
1:45	11								X		
1:51	2								X		
1:57	4								X		
2:03	5								X		
2:09	3								X		
2:14	6								X		
2:19	7								X		
2:25	8								X		
2:31	9								X		
2:37	10								X		

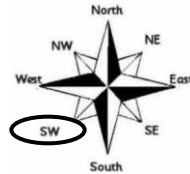
Weather Conditions

- 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: 24 °C Relative Humidity: 70 % Barometric Pressure: 101.58 kPa

Notes: _____

Date Signed: August 22, 2011

Name: Jackie Miles

Signature: Jackie Miles



ODOUR MONITORING DATA SHEET

DATE: August 22, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
2:47	1								X		
2:54	12								X		
3:00	13								X		
3:06	14								X		
3:12	15								X		
3:17	16								X		
3:23	17								X		
3:30	11								X		
3:36	2								X		
3:41	4								X		
3:46	5								X		
3:51	3								X		
3:56	6								X		
4:01	7								X		
4:06	8								X		
4:11	9								X		
4:17	10								X		

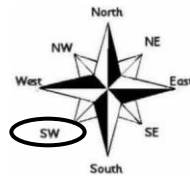
Weather Conditions

- 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: 24 °C Relative Humidity: 63 % Barometric Pressure: 101.50 kPa

Notes: _____

Date Signed: August 22, 2011

Name: Jackie Miles

Signature: Jackie Miles



ODOUR MONITORING DATA SHEET

DATE: August 22, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
4:37	1								X		
4:42	12								X		
4:47	13								X		
4:52	14								X		
4:56	15								X		
5:02	16								X		
5:10	17								X		
5:17	11								X		
5:23	2								X		

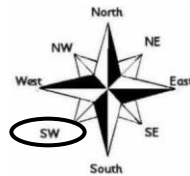
Weather Conditions

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- 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: 22 °C Relative Humidity: 64 % Barometric Pressure: 101.41 kPa

Notes: _____

Date Signed: August 22, 2011 Name: Jackie Miles Signature: Jackie Miles

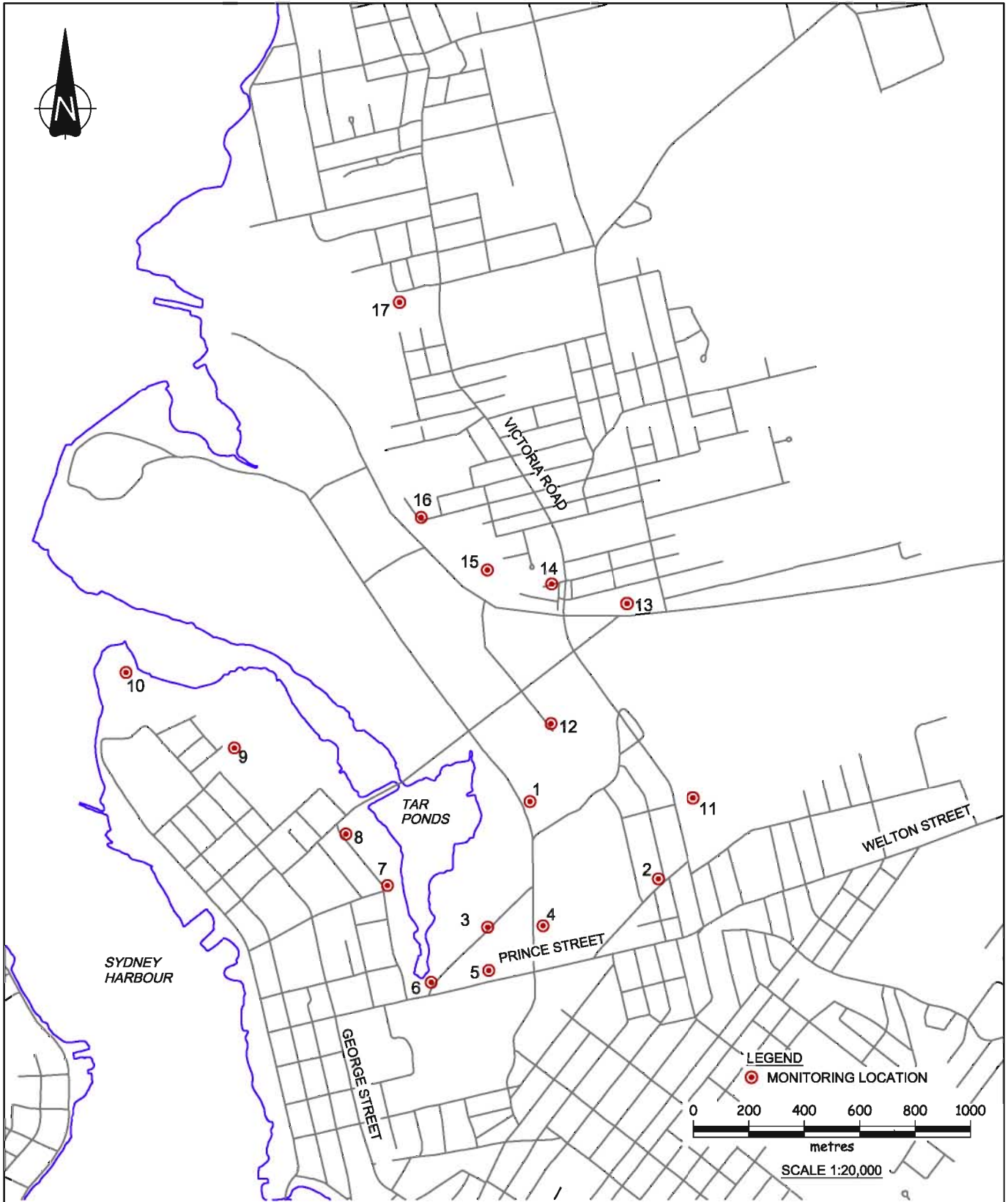


Figure 1

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



Location No.	Description	Latitude (Degrees (°) Minutes (') Seconds ("))	Longitude (Degrees (°) Minutes (') Seconds ("))
01	STPA Parking Lot	N46° 8' 42.89"	W60° 11' 0.08"
02	FAST Furniture	N46° 8' 33.76"	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	Boston Pizza	N46° 8' 23.25"	W60° 11' 7.48"
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	Harbourside Elementary School	N46° 9' 41.50"	W60° 11' 20.68"

Odor Descriptors

