



MEMORANDUM

To: Dawn MacNeil

CC: Jerome MacNeil; Donnie Burke; Geoff Verner; Ellen Gushue; Peter Weaver; Kathleen Whelan

From: Barbara Mattie

Date: August 3, 2011

Subject: Odour Monitoring Daily Report; August 2, 2011

Weather Conditions	Partly Cloudy
Precipitation	None
Wind Direction	South East / East primarily
Wind Speed	Varied between 8 - 25 km/h
Temperature	14 C - 20 C

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

Please find attached:

- Odour Monitoring Data Sheets for August 2, 2011
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: August 2, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:15	1								X		
7:20	2								X		
7:33	3								X		
7:38	4								X		
7:42	5								X		
7:47	6								X		
7:51	7								X		
7:57	8								X		
8:03	9								X		
8:10	10								X		
8:19	11								X		
8:26	12								X		
8:31	13								X		
8:36	14								X		
8:41	15								X		
8:46	16								X		
8:54	17								X		

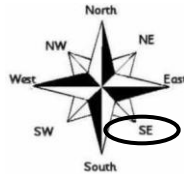
Weather Conditions

- 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: 14 °C Relative Humidity: _____ %

Barometric Pressure: _____ kPa

Notes:

Date Signed: August 2, 2011

Name: Jackie Miles

Signature: Jackie Miles



ODOUR MONITORING DATA SHEET

DATE: August 2, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:03	1								X		
9:08	2								X		
9:14	3								X		
9:18	4								X		
9:22	5								X		
9:27	6								X		
9:31	7								X		
9:36	8								X		
9:41	9								X		
9:47	10								X		
9:56	11								X		
10:02	12								X		
10:08	13								X		
10:12	14								X		
10:16	15								X		
10:20	16								X		
10:26	17								X		

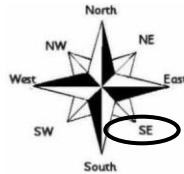
Weather Conditions

- 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: 15 °C Relative Humidity: 100 %

Barometric Pressure: 101.31 kPa

Notes:

Date Signed: August 2, 2011

Name: Jackie Miles

Signature: Jackie Miles



ODOUR MONITORING DATA SHEET

DATE: August 2, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
10:35	1								X		
10:40	2								X		
10:47	3								X		
10:52	4								X		
10:57	5								X		
11:03	6								X		
11:09	7								X		
11:15	8								X		
11:21	9								X		
11:27	10								X		
11:38	11								X		
11:45	12								X		
11:56	13								X		
1:03	14								X		
1:08	15							X		506	CBRM Transfer Station
1:17	16							X		506	CBRM Transfer Station
1:24	17								X		

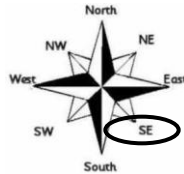
Weather Conditions

- 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: 16 °C Relative Humidity: 95 %

Barometric Pressure: 101.33 kPa

Notes:

Date Signed: August 2, 2011

Name: Jackie Miles

Signature: Jackie Miles



ODOUR MONITORING DATA SHEET

DATE: August 2, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
1:35	1								X		
1:41	2								X		
1:46	3								X		
1:50	4								X		
1:54	5							X			Not site related
2:00	6								X		
2:05	7								X		
2:10	8								X		
2:15	9								X		
2:21	10								X		
2:30	11								X		
2:37	12								X		
2:42	13								X		
2:46	14								X		
2:50	15								X		
2:55	16								X		
3:03	17								X		

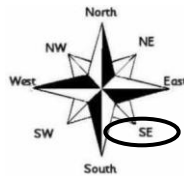
Weather Conditions

- 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: 18 °C Relative Humidity: _____ % Barometric Pressure: _____ kPa

Notes: _____

Date Signed: August 2, 2011

Name: Jackie Miles

Signature: Jackie Miles



ODOUR MONITORING DATA SHEET

DATE: August 2, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
3:15	1								X		
3:21	2								X		
3:26	3								X		
3:31	4								X		
3:35	5								X		
3:40	6								X		
3:46	7								X		
3:51	8								X		
3:56	9								X		
4:02	10								X		
4:12	11								X		
4:18	12								X		
4:24	13							X		712	Slight site odour
4:54	14								X		
4:59	15								X		
5:04	16								X		
5:11	17								X		

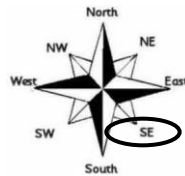
Weather Conditions

- 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: 20 °C Relative Humidity: _____ % Barometric Pressure: _____ kPa

Notes: _____

Date Signed: August 2, 2011

Name: Jackie Miles

Signature: Jackie Miles

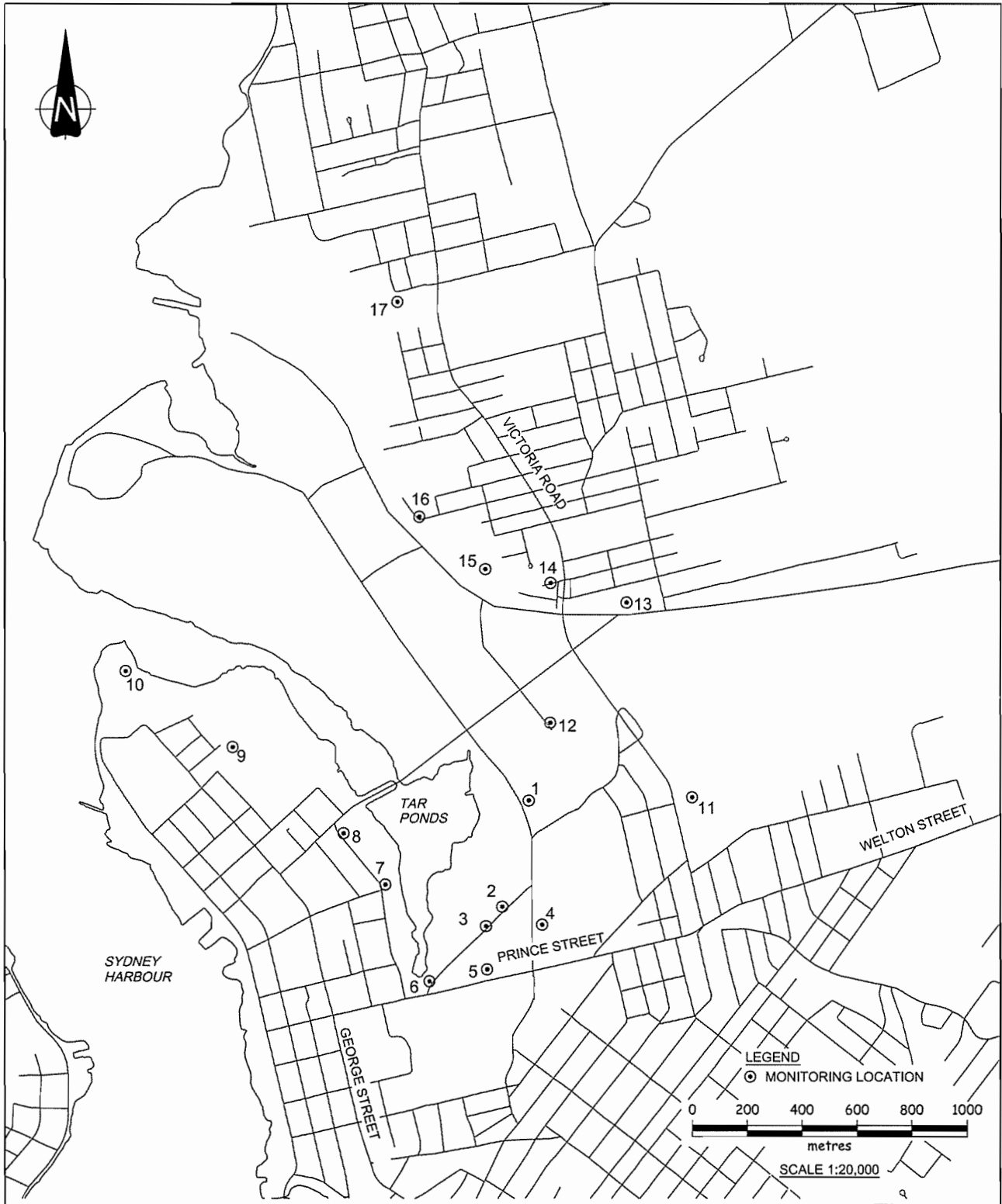


Figure 1

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



Table 3 - Odour Monitoring Circuit
Air Monitoring Plan - Odour (AMPO)

Location No.	Description	Latitude (Degrees (°) Minutes (') Seconds ("))	Longitude (Degrees (°) Minutes (') Seconds ("))
01	STPA Parking Lot	N46° 8' 42.89"	W60° 11' 0.08"
02	Corner of Richmond & Disco St.	N46° 8' 33.84"	W60° 10' 30.67"
03	Bus Station - Terminal Road	N46° 8' 28.30"	W60° 11' 1.55"
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

