



MEMORANDUM

To: Dawn MacNeil
CC: Jerome MacNeil; Donnie Burke; Geoff Verner; Ellen Gushue; Peter Weaver; Kathleen Whelan
From: Barbara Mattie
Date: August 2, 2011
Subject: Odour Monitoring Daily Report; July 29, 2011

Weather Conditions	Partly Cloudy
Precipitation	None
Wind Direction	South West / West primarily
Wind Speed	Varied between 8 - 25 km/h
Temperature	14 C - 21 C

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

Please find attached:

- Odour Monitoring Data Sheets for July 29, 2011
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: July 29, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:25	17								X		
7:32	16								X		
7:37	15								X		
7:40	14								X		
7:45	13								X		
7:54	12								X		
8:00	1								X		
8:08	11								X		
8:13	2								X		
8:17	4								X		
8:22	5								X		
8:27	3								X		
8:31	6								X		
8:36	7								X		
8:40	8								X		
8:45	9								X		
8:51	10								X		

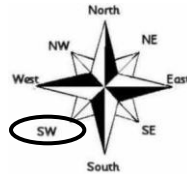
Weather Conditions

- 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: 14 °C Relative Humidity: 97 %

Barometric Pressure: 101.74 kPa

Notes: _____

Date Signed: July 29, 2011

Name: Jackie Miles

Signature: Jackie Miles



ODOUR MONITORING DATA SHEET

DATE: July 29, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:03	17								X		
9:11	16								X		
9:16	15								X		
9:21	14								X		
9:27	13								X		
9:33	12								X		
9:46	1								X		
9:51	11								X		
9:56	2								X		
10:00	4								X		
10:04	5								X		
10:10	3								X		
10:15	6								X		
10:19	7								X		
10:24	8								X		
10:29	9								X		
10:35	10								X		

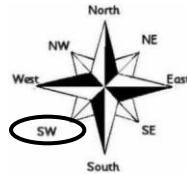
Weather Conditions

- 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: 16 °C Relative Humidity: _____ % Barometric Pressure: _____ kPa

Notes: _____

Date Signed: July 29, 2011

Name: Jackie Miles

Signature: Jackie Miles



ODOUR MONITORING DATA SHEET

DATE: July 29, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
10:47	17								X		
10:54	16								X		
11:00	15								X		
11:05	14								X		
11:12	13								X		
11:22	12								X		
11:29	1								X		
11:38	11								X		
11:44	2								X		
12:55	4								X		
1:00	5								X		
1:12	3								X		
1:17	6								X		
1:22	7								X		
1:27	8								X		
1:32	9								X		
1:39	10								X		

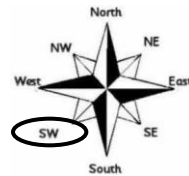
Weather Conditions

- 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: 21 °C Relative Humidity: 68 %

Barometric Pressure: 101.69 kPa

Notes:

Date Signed: July 29, 2011

Name: Jackie Miles

Signature: Jackie Miles



ODOUR MONITORING DATA SHEET

DATE: July 29, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
2:10	17								X		
2:19	16								X		
2:24	15								X		
2:30	14								X		
2:35	13								X		
2:44	12								X		
2:48	1								X		
2:54	11								X		
2:58	2								X		
3:07	4								X		
3:12	5								X		
3:17	3								X		
3:21	6								X		
3:26	7								X		
3:30	8								X		
3:35	9								X		
3:40	10								X		

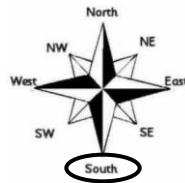
Weather Conditions

- 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: 61 %

Barometric Pressure: 101.67 kPa

Notes: _____

Date Signed: July 29, 2011

Name: Jackie Miles

Signature: Jackie Miles



ODOUR MONITORING DATA SHEET

DATE: July 29, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
3:50	17								X		
3:57	16							X		506	Not site related
4:05	15								X		
4:09	14								X		
4:13	13								X		
4:17	12								X		
4:22	1								X		
4:27	11								X		
4:31	2								X		
4:36	4								X		
4:40	5								X		
4:45	3							X			Not site related
4:49	6								X		
4:55	7								X		
5:00	8								X		
5:06	9								X		
5:13	10								X		

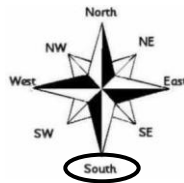
Weather Conditions

- 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: 23 °C Relative Humidity: _____ %

Barometric Pressure: _____ kPa

Notes:

Date Signed: July 29, 2011

Name: Jackie Miles

Signature: Jackie Miles

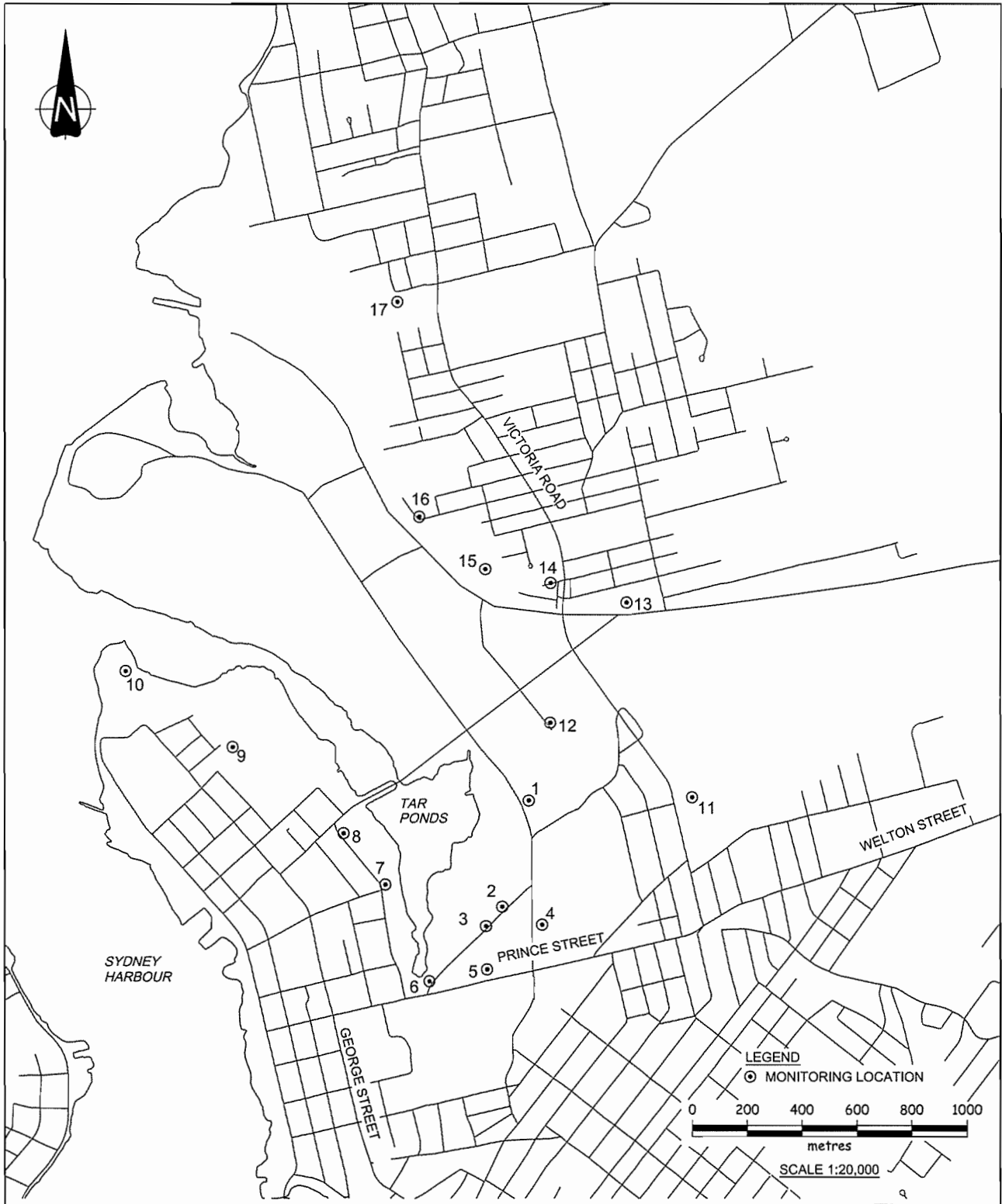


Figure 1

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

