



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; August 1, 2011

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

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

Please find attached:

- Odour Monitoring Data Sheets for August 1, 2011
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: August 1, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:19	1								X		
7:27	2								X		
7:38	4								X		
7:42	5								X		
7:47	3								X		
7:51	6								X		
7:56	7								X		
8:02	8								X		
8:07	9								X		
8:13	10								X		
8:20	11								X		
8:25	12								X		
8:29	13								X		
8:34	14								X		
8:39	15								X		
8:43	16								X		
8:49	17								X		

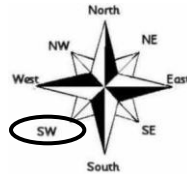
Weather Conditions

- 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: 100 %

Barometric Pressure: 101.58 kPa

Notes:

Date Signed: August 1, 2011

Name: Jackie Miles

Signature: Jackie Miles



ODOUR MONITORING DATA SHEET

DATE: August 1, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
8:58	1								X		
9:03	2								X		
9:07	4								X		
9:11	5								X		
9:15	3								X		
9:19	6								X		
9:24	7								X		
9:28	8								X		
9:33	9								X		
9:39	10								X		
9:46	11								X		
9:51	12								X		
9:56	13								X		
10:01	14								X		
10:07	15							X		506	Not site related
10:14	16							X		506	Not site related
10:21	17								X		

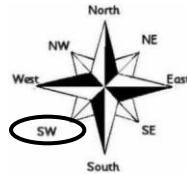
Weather Conditions

- 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: 100 %

Barometric Pressure: 101.58 kPa

Notes:

Date Signed: August 1, 2011

Name: Jackie Miles

Signature: Jackie Miles



ODOUR MONITORING DATA SHEET

DATE: August 1, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
10:32	1								X		
10:37	2								X		
10:41	4								X		
10:45	5								X		
10:50	3								X		
10:54	6								X		
10:59	7								X		
11:03	8								X		
11:07	9								X		
11:13	10								X		
11:21	11								X		
11:32	12								X		
11:37	13								X		
11:44	14								X		
11:51	15								X		
12:59	16								X		
1:07	17								X		

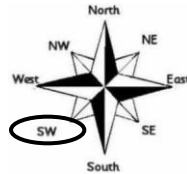
Weather Conditions

- 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: 17 °C Relative Humidity: 95 %

Barometric Pressure: 101.62 kPa

Notes:

Date Signed: August 1, 2011

Name: Jackie Miles

Signature: Jackie Miles



ODOUR MONITORING DATA SHEET

DATE: August 1, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
1:18	1								X		
1:24	2								X		
1:29	4								X		
1:34	5								X		
1:39	3								X		
1:44	6								X		
1:49	7								X		
1:55	8								X		
2:00	9								X		
2:07	10								X		
2:15	11								X		
2:22	12								X		
2:28	13								X		
2:34	14								X		
2:40	15								X		
2:46	16								X		
2:53	17								X		

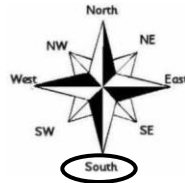
Weather Conditions

- 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 1, 2011

Name: Jackie Miles

Signature: Jackie Miles



ODOUR MONITORING DATA SHEET

DATE: August 1, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
3:03	1								X		
3:08	2								X		
3:13	4								X		
3:18	5								X		
3:24	3								X		
3:28	6								X		
3:33	7								X		
3:38	8								X		
3:44	9								X		
3:52	10								X		
4:15	11								X		
4:20	12								X		
4:26	13								X		
4:31	14								X		
4:36	15								X		
4:42	16								X		
4:49	17								X		

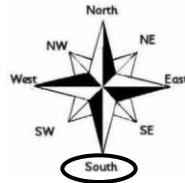
Weather Conditions

- 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: 21 °C Relative Humidity: 79 %

Barometric Pressure: 101.46 kPa

Notes:

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Signature: Jackie Miles



ODOUR MONITORING DATA SHEET

DATE: August 1, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
4:58	1								X		
5:04	2								X		
5:09	4								X		
5:15	5								X		
5:20	3								X		
5:24	6								X		

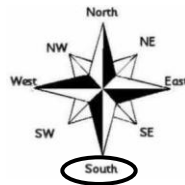
Weather Conditions

- 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: 71 %

Barometric Pressure: 101.41 kPa

Notes: _____

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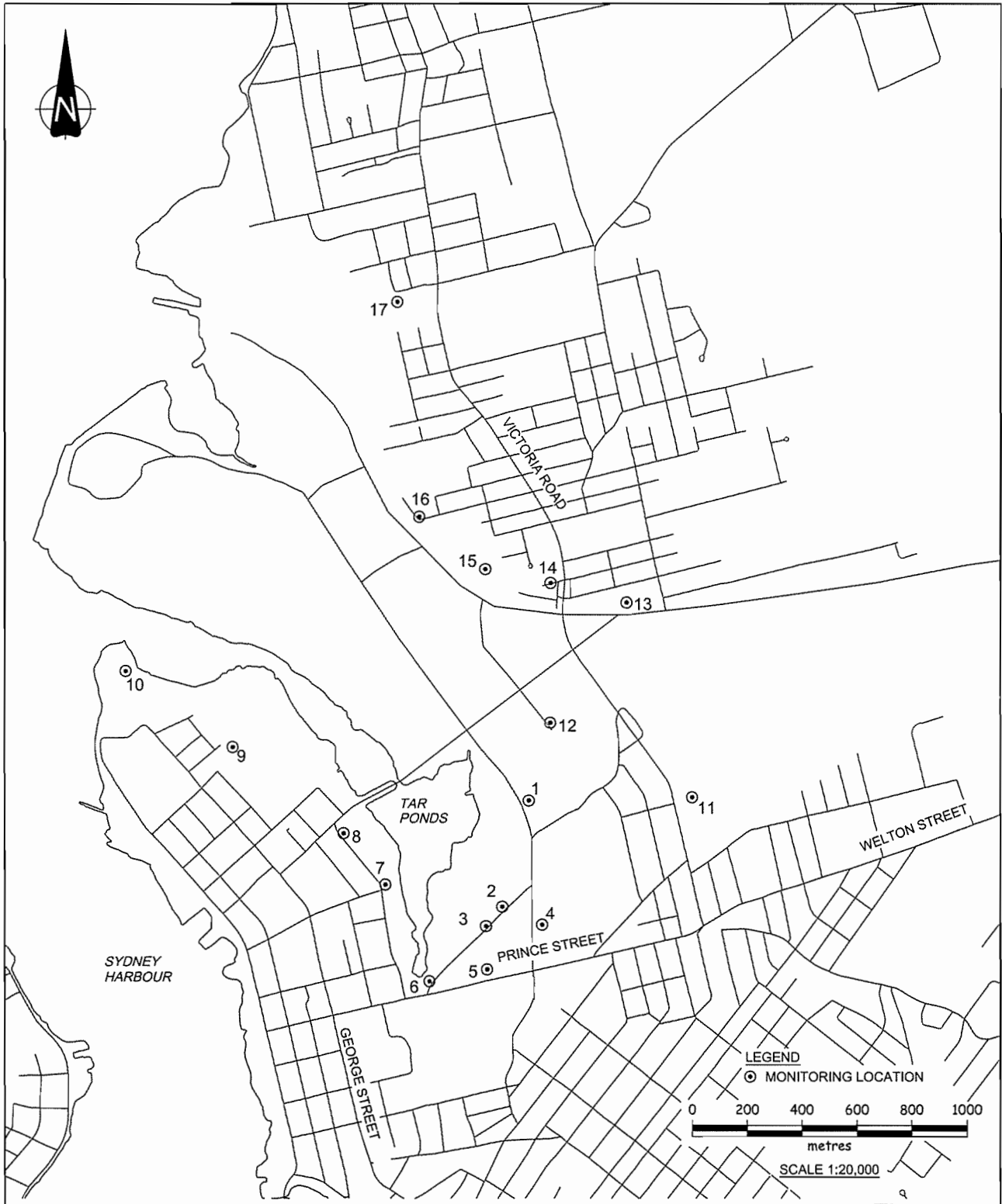


Figure 1

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

