



MEMORANDUM

To: Dawn MacNeil

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

From: Barbara Mattie

Date: August 5, 2011

Subject: Odour Monitoring Daily Report; August 3, 2011

Weather Conditions	Overcast
Precipitation	Fog
Wind Direction	South East / East primarily
Wind Speed	Varied between 8 - 25 km/h
Temperature	14 C - 17 C

Four and one half 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 3, 2011
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: August 3, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:20	17								X		
7:28	16								X		
7:33	15								X		
7:34	14								X		
7:39	13								X		
7:44	12								X		
7:50	1								X		
7:55	2								X		
8:01	3								X		
8:06	4								X		
8:10	5								X		
8:15	6								X		
8:20	7								X		
8:25	8								X		
8:31	9								X		
8:37	10								X		
8:45	11								X		

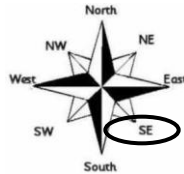
Weather Conditions

- 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: 14 °C Relative Humidity: 93 %

Barometric Pressure: 101.42 kPa

Notes:

Date Signed: August 3, 2011

Name: Jackie Miles

Signature: Jackie Miles



ODOUR MONITORING DATA SHEET

DATE: August 3, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
8:51	17								X		
8:58	16								X		
9:04	15								X		
9:08	14								X		
9:13	13								X		
10:54	12								X		
10:59	1								X		
11:05	2								X		
11:10	3								X		
11:15	4								X		
11:19	5							X			Not site related
11:23	6								X		
11:28	7								X		
11:32	8								X		
11:37	9								X		
11:43	10								X		
11:54	11								X		

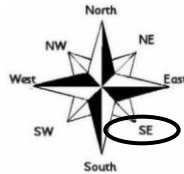
Weather Conditions

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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: 14 °C Relative Humidity: 93 %

Barometric Pressure: 101.42 kPa

Notes:

Date Signed: August 3, 2011

Name: Jackie Miles

Signature: Jackie Miles



ODOUR MONITORING DATA SHEET

DATE: August 3, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
1:08	17								X		
1:14	16								X		
1:18	15								X		
1:22	14								X		
1:24	13								X		
1:29	12								X		
1:34	1								X		
1:39	2								X		
1:44	3								X		
1:48	4								X		
1:52	5								X		
1:56	6								X		
1:59	7								X		
2:00	8								X		
2:30	9								X		
2:37	10							X		712	Slight site odour
2:43	11								X		

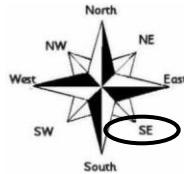
Weather Conditions

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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: 17 °C Relative Humidity: _____ % Barometric Pressure: _____ kPa

Notes: _____

Date Signed: August 3, 2011

Name: Jackie Miles

Signature: Jackie Miles



ODOUR MONITORING DATA SHEET

DATE: August 3, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
2:53	17								X		
3:00	16								X		
3:05	15								X		
3:10	14								X		
3:16	13								X		
3:27	12								X		
3:32	1								X		
3:48	2								X		
3:54	3								X		
3:59	4								X		
4:03	5								X		
4:08	6							X			Not site related
4:13	7								X		
4:17	8								X		
4:23	9								X		
4:28	10								X		
4:36	11								X		

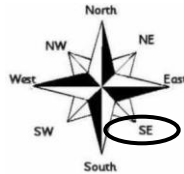
Weather Conditions

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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: 16 °C Relative Humidity: 95 %

Barometric Pressure: 101.46 kPa

Notes:

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Signature: Jackie Miles



ODOUR MONITORING DATA SHEET

DATE: August 3, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
4:45	17								X		
4:51	16								X		
4:55	15								X		
5:00	14								X		
5:05	13								X		
5:11	12								X		
5:16	1								X		
5:22	2								X		

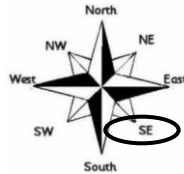
Weather Conditions

- 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: 99 %

Barometric Pressure: 101.45 kPa

Notes:

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Signature: Jackie Miles

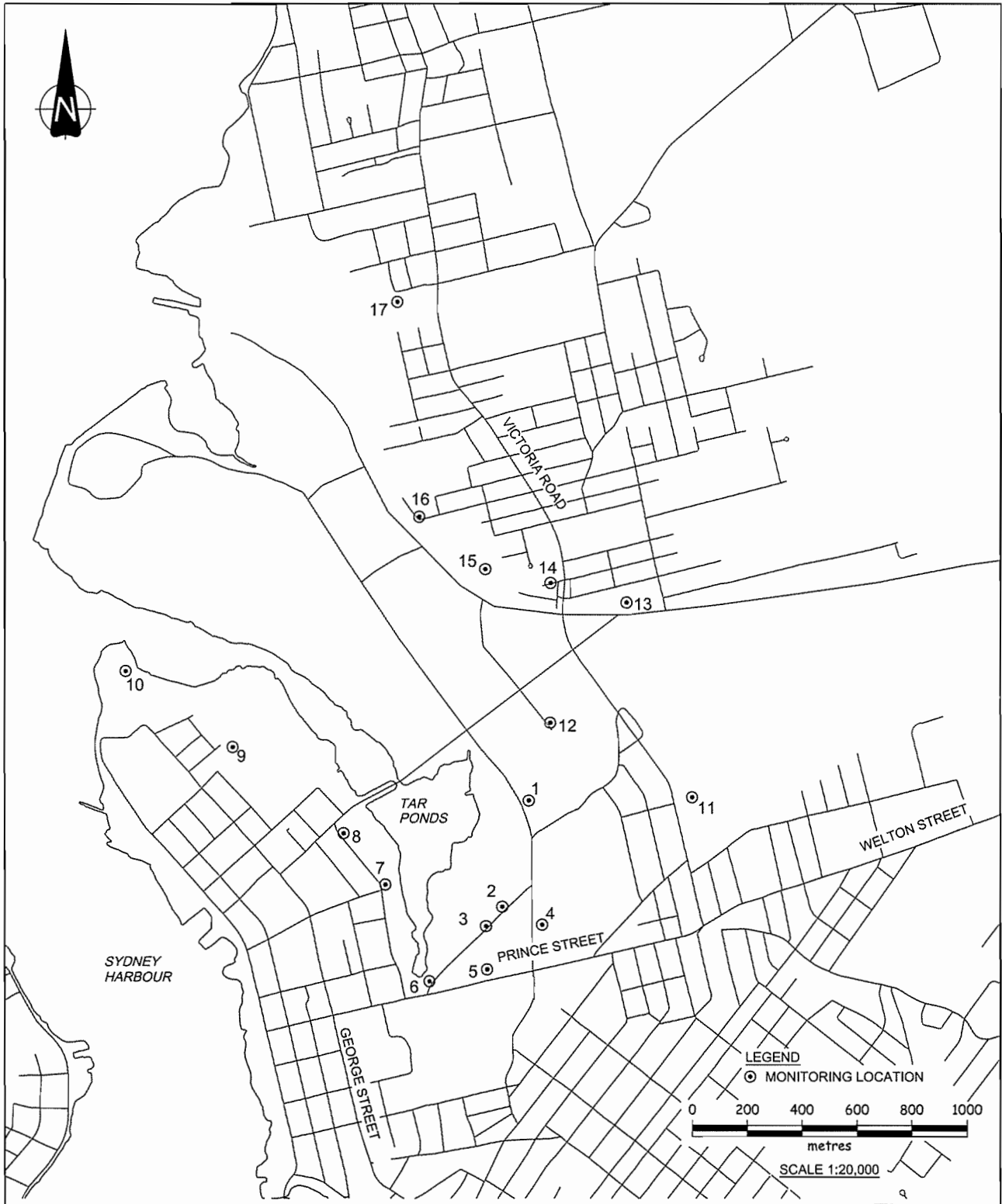


Figure 1

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

