



MEMORANDUM

To: Dawn MacNeil
CC: Jerome MacNeil; Donnie Burke; Geoff Verner; Ellen Gushue; Peter Weaver; Kathleen Whelan
From: Barbara Mattie
Date: August 8, 2011
Subject: Odour Monitoring Daily Report; August 5, 2011

Weather Conditions	Overcast
Precipitation	Fog
Wind Direction	North East/East primarily
Wind Speed	Varied between 8 - 25 km/h
Temperature	13 °C - 15 °C

Five 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 5, 2011
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: August 5, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:16	11								X		
7:20	2								X		
7:25	3								X		
7:30	4								X		
7:34	5								X		
7:39	6								X		
7:44	7								X		
7:49	8								X		
7:54	9								X		
8:00	10								X		
8:07	1								X		
8:18	12								X		
8:23	13								X		
8:28	14								X		
8:35	15								X		
8:39	16								X		
8:45	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: 13 °C Relative Humidity: 98 %

Barometric Pressure: 101.48 kPa

Notes:

Date Signed: August 5, 2011

Name: Jackie Miles

Signature: Jackie Miles



ODOUR MONITORING DATA SHEET

DATE: August 5, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
8:51	11							X		712	Slight site odour
8:57	2								X		
9:02	3								X		
9:07	4								X		
9:13	5								X		
9:17	6								X		
9:22	7								X		
9:29	8							X		212	Slight bio-solve
9:36	9								X		
9:42	10							X		515	WWTP
9:50	1								X		
9:55	12								X		
10:00	13								X		
10:06	14								X		
10:11	15								X		
10:16	16								X		
10:23	17								X		

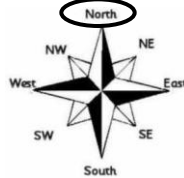
Weather Conditions

- 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 5, 2011

Name: Jackie Miles

Signature: Jackie Miles



ODOUR MONITORING DATA SHEET

DATE: August 5, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
10:30	11								X		
10:34	2								X		
10:38	3								X		
10:42	4								X		
10:46	5								X		
10:51	6								X		
10:57	7								X		
11:02	8							X		212,712	Slight bio-solve/site odour
11:09	9								X		
11:14	10							X		515	WWTP
11:21	1								X		
11:26	12								X		
11:32	13								X		
11:37	14								X		
11:42	15								X		
11:46	16								X		
11:52	17								X		

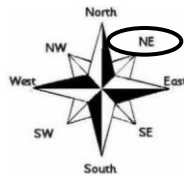
Weather Conditions

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- 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: _____ % Barometric Pressure: _____ kPa

Notes: _____

Date Signed: August 5, 2011

Name: Jackie Miles

Signature: Jackie Miles



ODOUR MONITORING DATA SHEET

DATE: August 5, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
12:55	11								X		
1:00	2								X		
1:06	3								X		
1:11	4								X		
1:15	5								X		
1:20	6								X		
1:25	7								X		
1:31	8							X		212,712	Slight bio-solve/site odour
1:38	9							X		712,212	Slight bio-solve/site odour
1:46	10							X		515	WWTP
1:54	1								X		
1:59	12								X		
2:04	13								X		
2:09	14								X		
2:14	15								X		
2:19	16								X		
2:26	17								X		

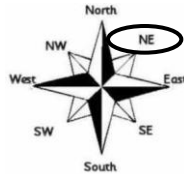
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Wind Speed

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- Strong Winds (25 km/h or higher)

Temperature: 15 °C Relative Humidity: 97 %

Barometric Pressure: 101.57 kPa

Notes:

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Name: Jackie Miles

Signature: Jackie Miles



ODOUR MONITORING DATA SHEET

DATE: August 5, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
2:47	11								X		
2:53	2								X		
2:58	3								X		
3:03	4								X		
3:08	5								X		
3:13	6								X		
3:18	7								X		
3:28	8							X		212	Slight bio-solve odour
3:35	9								X		
3:42	10								X		
3:49	1								X		
3:55	12								X		
4:00	13								X		
4:06	14								X		
4:11	15								X		
4:16	16								X		
4:24	17								X		

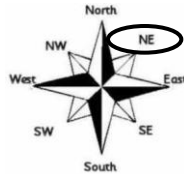
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- None
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Temperature: 15 °C Relative Humidity: 96 %

Barometric Pressure: 101.48 kPa

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4:35	11								X		
4:40	2								X		
4:46	3								X		
4:50	4								X		
4:55	5								X		
5:01	6								X		
5:08	7								X		
5:14	8								X		
5:20	9										

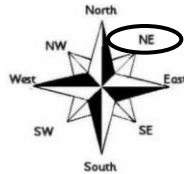
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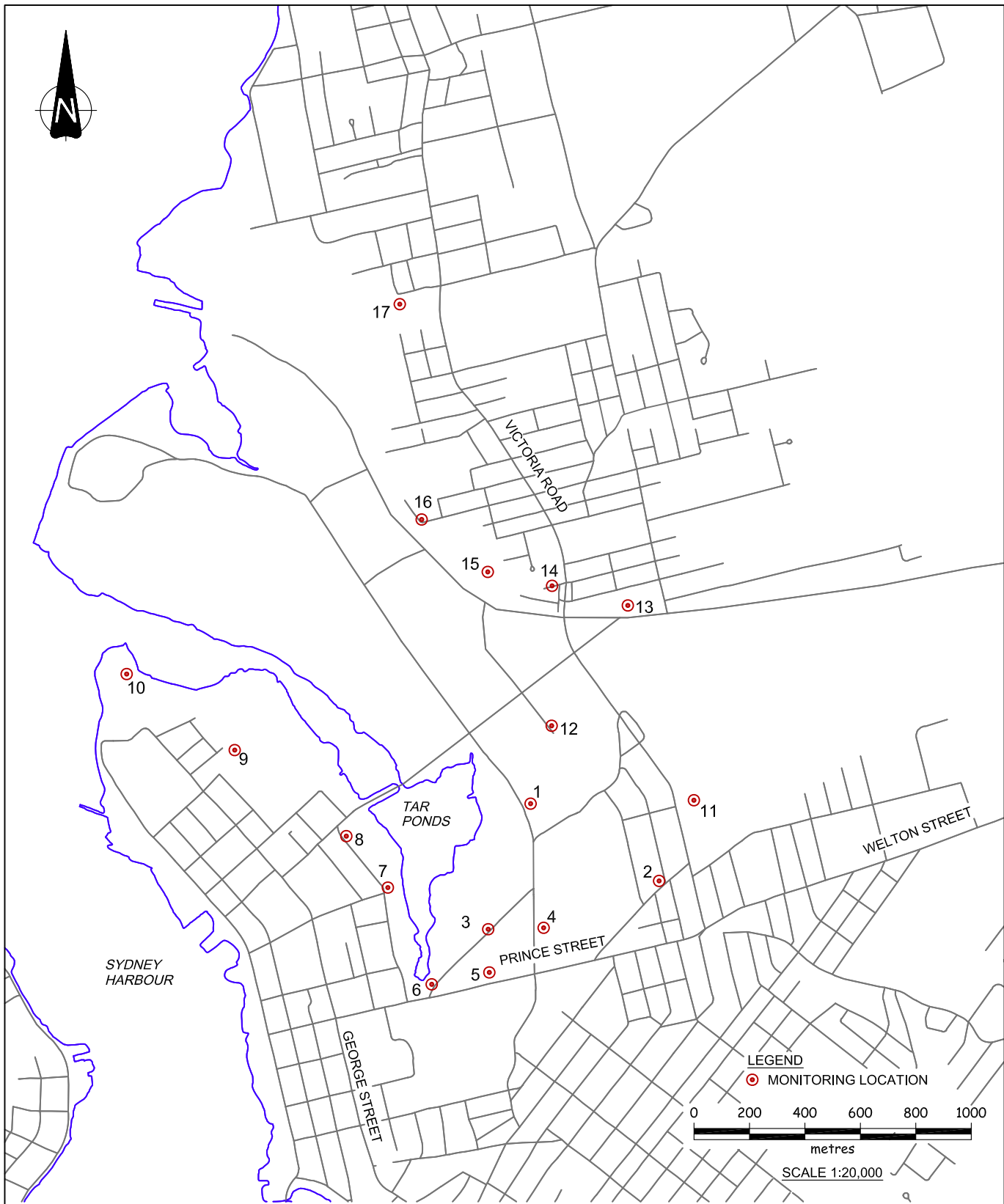


Figure 1

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

