



## MEMORANDUM

**To:** Jerome MacNeil; Donnie Burke; Geoff Verner; Ellen Gushue; Peter Weaver; Barbara Mattie

**From:** Dawn MacNeil

**Date:** September 12, 2011

**Subject:** Odour Monitoring Daily Report; September 9, 2011

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<b>Weather Conditions</b>	Cloudy-overcast
<b>Precipitation</b>	fog
<b>Wind Direction</b>	North West/ West
<b>Wind Speed</b>	Varied between 8 – 25 km/h
<b>Temperature</b>	12-20 °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 September 9, 2011
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



**ODOUR MONITORING DATA SHEET**

DATE: September 9, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:00	1								X		
7:07	2								X		
7:13	3								X		
7:18	4								X		
7:24	5								X		
7:30	6								X		
7:36	7								X		
7:42	8								X		
7:48	9								X		
7:54	10								X		
8:05	11								X		
8:12	12								X		
8:18	13								X		
8:23	14							X		712	Slight site odour
8:28	15							X		712	Slight site odour
8:33	16								X		
8:40	17								X		

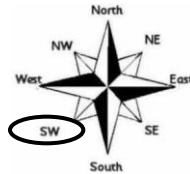
Weather Conditions

- 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: 12 °C Relative Humidity: 100 %

Barometric Pressure: 100.83 kPa

**Notes:**

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Date Signed: September 9, 2011

Name: Jessica Nicholas

Signature: Jessica Nicholas



ODOUR MONITORING DATA SHEET

DATE: September 9, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
8:55	1								X		
9:01	2								X		
9:07	3								X		
9:13	4								X		
9:19	5								X		
9:25	6								X		
9:31	7								X		
9:37	8								X		
9:43	9								X		
9:50	10								X		
9:59	11								X		
10:05	12								X		
10:12	13								X		
10:18	14								X		
10:23	15								X		
10:29	16								X		
10:36	17								X		

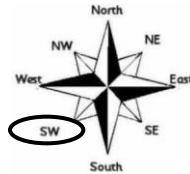
Weather Conditions

- 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: 94 %

Barometric Pressure: 100.70 kPa

Notes:

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Date Signed: September 9, 2011

Name: Jessica Nicholas

Signature: Jessica Nicholas



**ODOUR MONITORING DATA SHEET**

DATE: September 9, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
10:44	1								X		
10:50	2								X		
10:56	3								X		
11:02	4								X		
11:08	5								X		
11:14	6								X		
11:20	7								X		
11:25	8								X		
11:31	9								X		
11:36	10								X		
11:46	11								X		
11:52	12								X		
1:30	13								X		
1:36	14								X		
1:43	15								X		
1:49	16								X		
1:56	17								X		

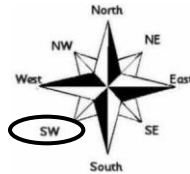
Weather Conditions

- 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: 88 %

Barometric Pressure: 100.58 kPa

**Notes:**

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Name: Jessica Nicholas

Signature: Jessica Nicholas



ODOUR MONITORING DATA SHEET

DATE: September 9, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
2:04	1								X		
2:13	2								X		
2:18	3								X		
2:23	4								X		
2:29	5								X		
2:35	6								X		
2:41	7								X		
2:46	8								X		
2:51	9								X		
3:00	10							X		514	WWTP
3:10	11								X		
3:21	12								X		
3:27	13								X		
3:34	14								X		
3:39	15								X		
3:44	16								X		
3:50	17								X		

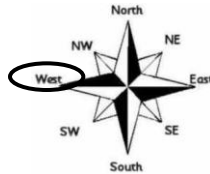
Weather Conditions

- 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: 68 %

Barometric Pressure: 100.41 kPa

Notes:

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Signature: Jessica Nicholas



ODOUR MONITORING DATA SHEET

DATE: September 9, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
4:19	1							X		712	Slight site odour
4:24	2								X		
4:29	3								X		
4:35	4								X		
4:41	5								X		
4:47	6								X		
4:53	7								X		
5:00	8								X		
5:07	9								X		
5:13	10								X		
5:23	11								X		
5:30	12								X		

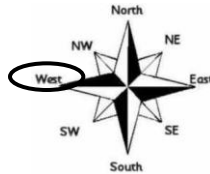
Weather Conditions

- 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: 56 %

Barometric Pressure: 100.14 kPa

Notes:

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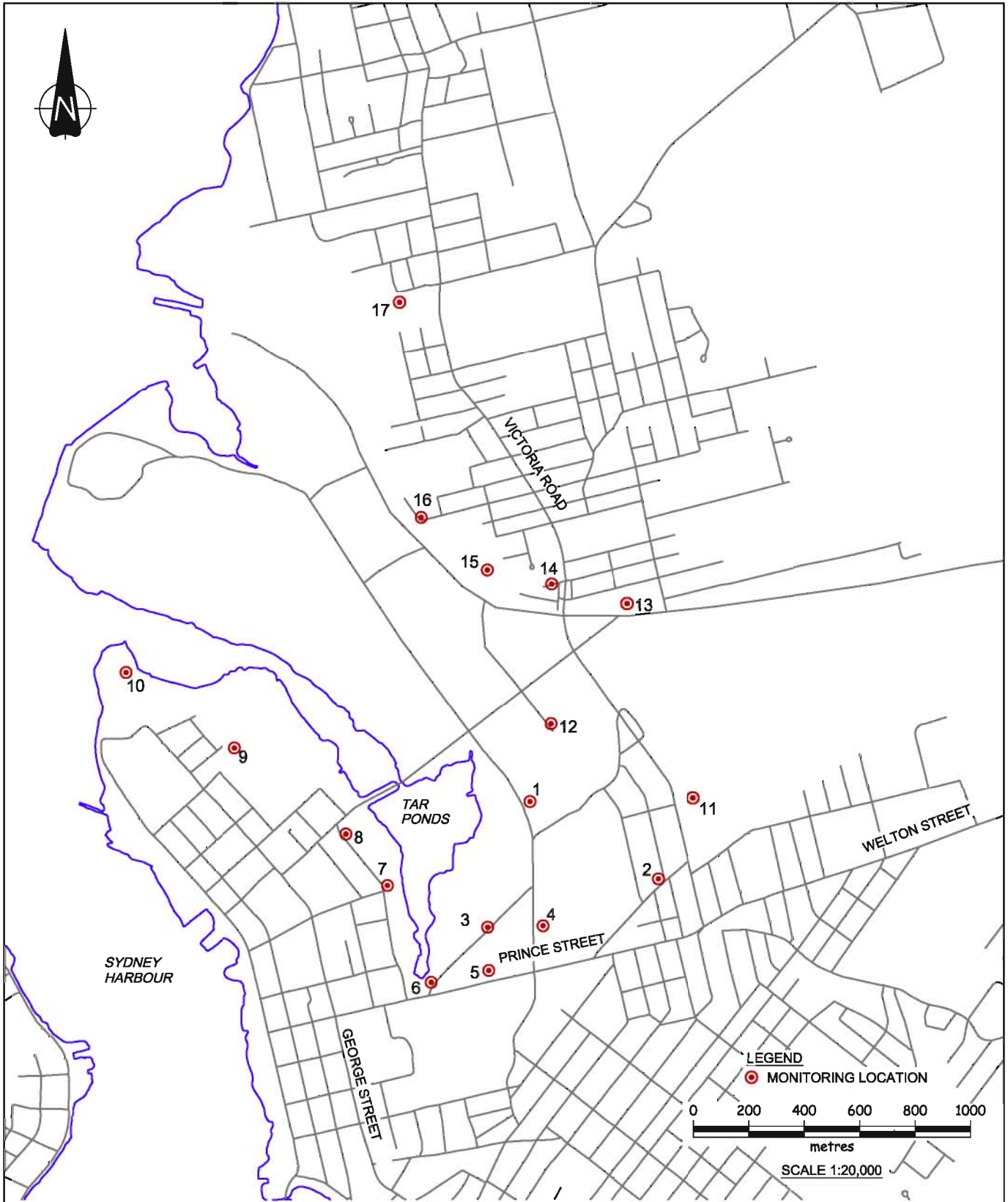


Figure 1

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



<b>Location No.</b>	<b>Description</b>	<b>Latitude (Degrees (°) Minutes (') Seconds ("))</b>	<b>Longitude (Degrees (°) Minutes (') Seconds ("))</b>
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

