



## MEMORANDUM

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

**From:** Dawn MacNeil

**Date:** September 26, 2011

**Subject:** Odour Monitoring Daily Report; September 23, 2011

---

<b>Weather Conditions</b>	Overcast
<b>Precipitation</b>	<b>None/Showers in the morning</b>
<b>Wind Direction</b>	West/South West
<b>Wind Speed</b>	Moderate winds 8 – 25 km/h
<b>Temperature</b>	16 °C - 21 °C

Four and one half rounds of monitoring were conducted today with no quantifiable site-related greater than <2 DT detected.

Please find attached:

- Odour Monitoring Data Sheets for September 23, 2011
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: September 23, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:12	1								X		
7:21	2								X		
7:27	3								X		
7:32	4								X		
7:37	5								X		
7:43	6								X		
7:49	7								X		
7:55	8								X		
8:01	9								X		
8:08	10								X		
8:17	11							X		722	Not site related (Road paving)
8:23	12								X		
8:30	13								X		
8:36	14							X		712	Slight site odour
8:41	15								X		
8:46	16								X		
8:53	17								X		

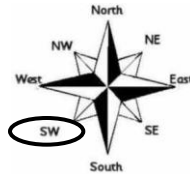
Weather Conditions

- 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: 16 °C Relative Humidity: 94 %

Barometric Pressure: 102.07 kPa

Notes:

---

---

---

---

---

---

---

---

---

---

Date Signed: September 23, 2011

Name: Jessica Nicholas

Signature: Jessica Nicholas



**ODOUR MONITORING DATA SHEET**

DATE: September 23, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:03	1								X		
9:08	2								X		
9:16	3								X		
9:21	4								X		
9:26	5								X		
9:31	6								X		
9:43	7								X		
9:50	8								X		
9:58	9								X		
10:04	10							X		506	WWTP
10:14	11								X		
10:22	12								X		
10:37	13								X		
10:43	14								X		
10:49	15							X		712,212	Slight site/bio-solve odour
10:56	16								X		
11:02	17								X		

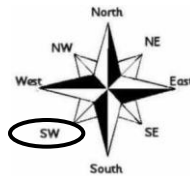
Weather Conditions

- 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: 16 °C    Relative Humidity: 94 %

Barometric Pressure: 102.11 kPa

**Notes:**

---

---

---

---

---

---

---

---

Date Signed: September 23, 2011

Name: Jessica Nicholas

Signature: Jessica Nicholas



ODOUR MONITORING DATA SHEET

DATE: September 23, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
11:14	1								X		
11:22	2								X		
11:31	3								X		
11:36	4								X		
11:41	5								X		
11:47	6								X		
11:53	7								X		
11:59	8								X		
1:10	9								X		
1:20	10								X		
1:30	11							X		722	Not site related (Paving road)
1:37	12								X		
1:43	13								X		
1:49	14								X		
1:55	15								X		
2:03	16								X		
2:09	17								X		

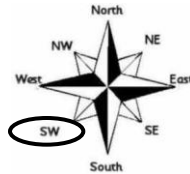
Weather Conditions

- 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: 19 °C Relative Humidity: 83 %

Barometric Pressure: 102.10 kPa

Notes:

---

---

---

---

---

---

---

---

Date Signed: September 23, 2011

Name: Jessica Nicholas

Signature: Jessica Nicholas



**ODOUR MONITORING DATA SHEET**

DATE: September 23, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
2:45	1								X		
2:52	2							X		722	Not site related (Paving road)
3:00	3								X		
3:06	4								X		
3:10	5								X		
3:16	6								X		
3:21	7								X		
3:27	8								X		
3:32	9								X		
3:40	10								X		
3:55	11								X		
4:03	12							X		712	Slight site odour
4:10	13								X		
4:16	14								X		
4:22	15								X		
4:30	16								X		
4:36	17								X		

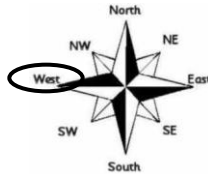
Weather Conditions

- 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: 21 °C Relative Humidity: 78 %

Barometric Pressure: 102.00 kPa

**Notes:**

---

---

---

---

---

---

---

---

Date Signed: September 23, 2011

Name: Jessica Nicholas

Signature: Jessica Nicholas



ODOUR MONITORING DATA SHEET

DATE: September 23, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
4:45	1							X		712	Slight site odour
4:52	2							X		722	Not site related (Paving road)
4:59	3								X		
5:05	4								X		
5:11	5								X		
5:17	6								X		
5:23	7								X		
5:30	8								X		

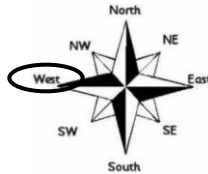
Weather Conditions

- 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: 78 %

Barometric Pressure: 101.95 kPa

Notes:

---

---

---

---

---

---

---

---

---

---

Date Signed: September 23, 2011

Name: Jessica Nicholas

Signature: \_\_\_\_\_

*Jessica Nicholas*

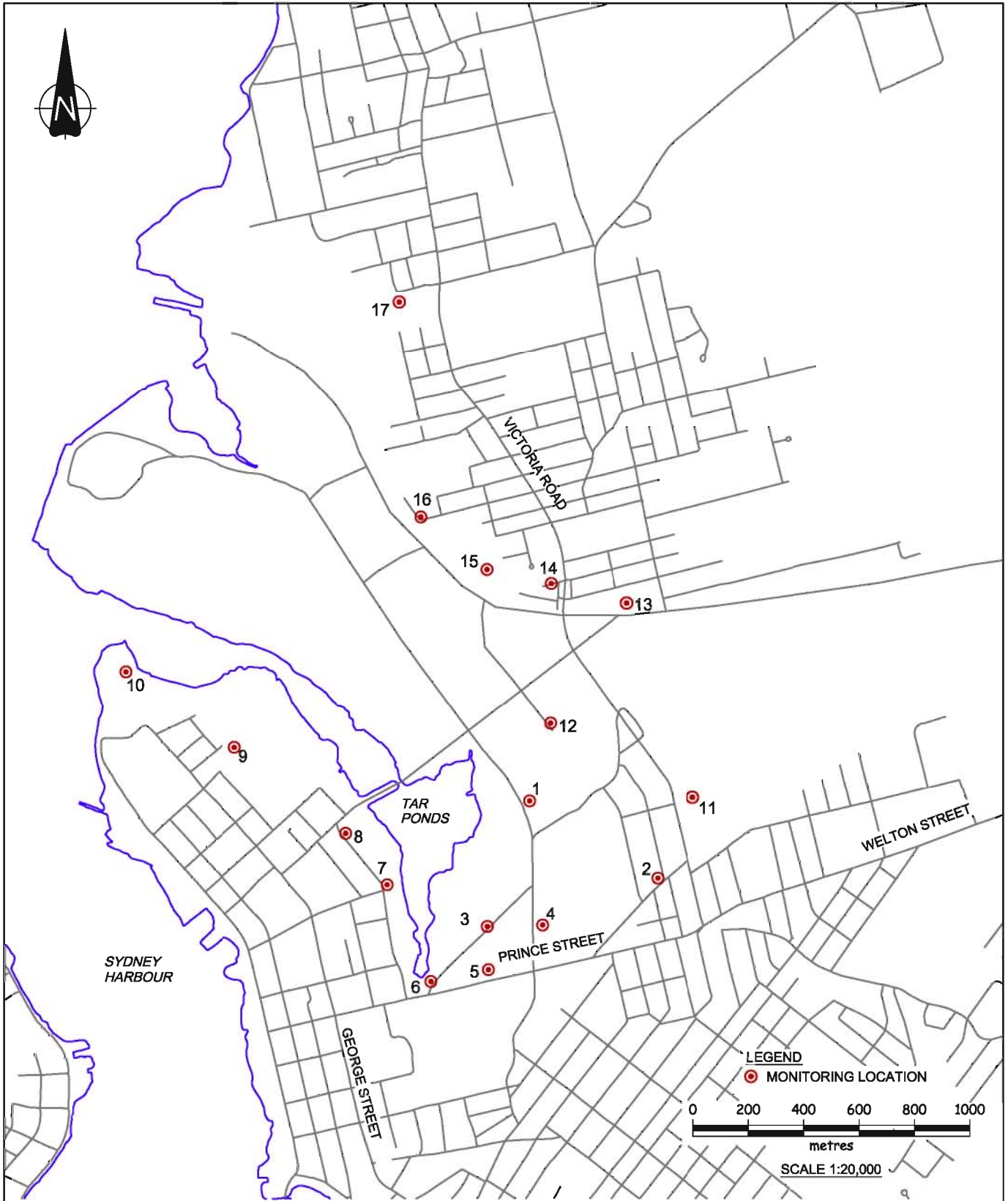


Figure 1

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

