



## MEMORANDUM

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

**From:** Dawn MacNeil

**Date:** September 15, 2011

**Subject:** Odour Monitoring Daily Report; September 12, 2011

---

<b>Weather Conditions</b>	Sunny/Cloudy
<b>Precipitation</b>	none
<b>Wind Direction</b>	South / South West
<b>Wind Speed</b>	Varied between 13 – 33 km/h
<b>Temperature</b>	11-20 °C

Five 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 12, 2011
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: September 12, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
8:52	1								X		
8:57	2								X		
9:03	3								X		
9:09	4								X		
9:15	5								X		
9:21	6								X		
9:27	7								X		
9:33	8								X		
9:40	9								X		
9:46	10								X		
9:56	11								X		
10:03	12								X		
10:09	13								X		
10:15	14							X		712	Slight site odour
10:21	15								X		
10:26	16								X		
10:32	17								X		

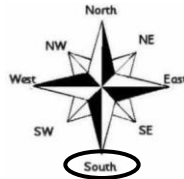
Weather Conditions

- 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: 11 °C Relative Humidity: 87 %

Barometric Pressure: 100.33 kPa

Notes:

---

---

---

---

---

---

---

---

Date Signed: September 12, 2011

Name: Jessica Nicholas

Signature: Jessica Nicholas



**ODOUR MONITORING DATA SHEET**

DATE: September 12, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
8:52	1								X		
8:57	2								X		
9:03	3								X		
9:09	4								X		
9:15	5								X		
9:21	6								X		
9:27	7								X		
9:33	8								X		
9:40	9								X		
9:46	10								X		
9:56	11								X		
10:03	12								X		
10:09	13								X		
10:15	14							X		712	Slight site odour
10:21	15								X		
10:26	16								X		
10:32	17								X		

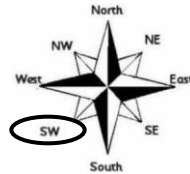
Weather Conditions

- 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: 88 %

Barometric Pressure: 101.26 kPa

**Notes:**

---

---

---

---

---

---

---

---

---

---

Date Signed: September 12, 2011

Name: Jessica Nicholas

Signature: Jessica Nicholas



ODOUR MONITORING DATA SHEET

DATE: September 12, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
10:40	1								X		
10:46	2								X		
10:52	3								X		
10:57	4								X		
11:03	5								X		
11:09	6								X		
11:15	7								X		
11:21	8								X		
11:27	9								X		
11:34	10							X		505,515	WWTP
11:43	11								X		
11:48	12								X		
11:55	13								X		
12:01	14								X		
1:03	15								X		
1:09	16								X		
1:17	17								X		

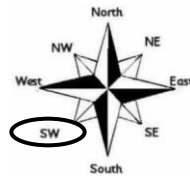
Weather Conditions

- 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: 68 %

Barometric Pressure: 101.14 kPa

Notes:

---

---

---

---

---

---

---

---

Date Signed: September 12, 2011

Name: Jessica Nicholas

Signature: Jessica Nicholas



ODOUR MONITORING DATA SHEET

DATE: September 12, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
1:25	1								X		
1:32	2								X		
1:38	3								X		
1:43	4								X		
1:49	5								X		
1:55	6								X		
2:02	7								X		
2:07	8								X		
2:13	9								X		
2:19	10								X		
2:29	11								X		
2:35	12								X		
2:42	13								X		
2:48	14								X		
2:53	15								X		
3:00	16								X		
3:07	17								X		

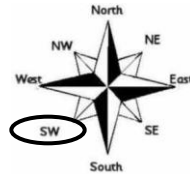
Weather Conditions

- 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: 20 °C Relative Humidity: 60 %

Barometric Pressure: 100.94 kPa

Notes:

---

---

---

---

---

---

---

---

Date Signed: September 12, 2011

Name: Jessica Nicholas

Signature: Jessica Nicholas



ODOUR MONITORING DATA SHEET

DATE: September 12, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
3:25	1								X		
3:31	2								X		
3:37	3								X		
3:43	4								X		
3:50	5								X		
3:56	6								X		
4:04	7								X		
4:11	8								X		
4:17	9								X		
4:24	10								X		
4:34	11								X		
4:42	12								X		
4:51	13								X		
4:59	14								X		
5:05	15								X		
5:11	16								X		
5:22	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: 22 °C Relative Humidity: 57 %

Barometric Pressure: 100.84 kPa

Notes:

---

---

---

---

---

---

---

---

Date Signed: September 12, 2011

Name: Jessica Nicholas

Signature: Jessica Nicholas



**ODOUR MONITORING DATA SHEET**

DATE: September 12, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
5:30	1								X		

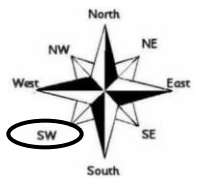
Weather Conditions

- 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: 23 °C    Relative Humidity: 53 %    Barometric Pressure: 100.82 kPa

Notes: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Date Signed: September 12, 2011    Name: Jessica Nicholas    Signature: Jessica Nicholas

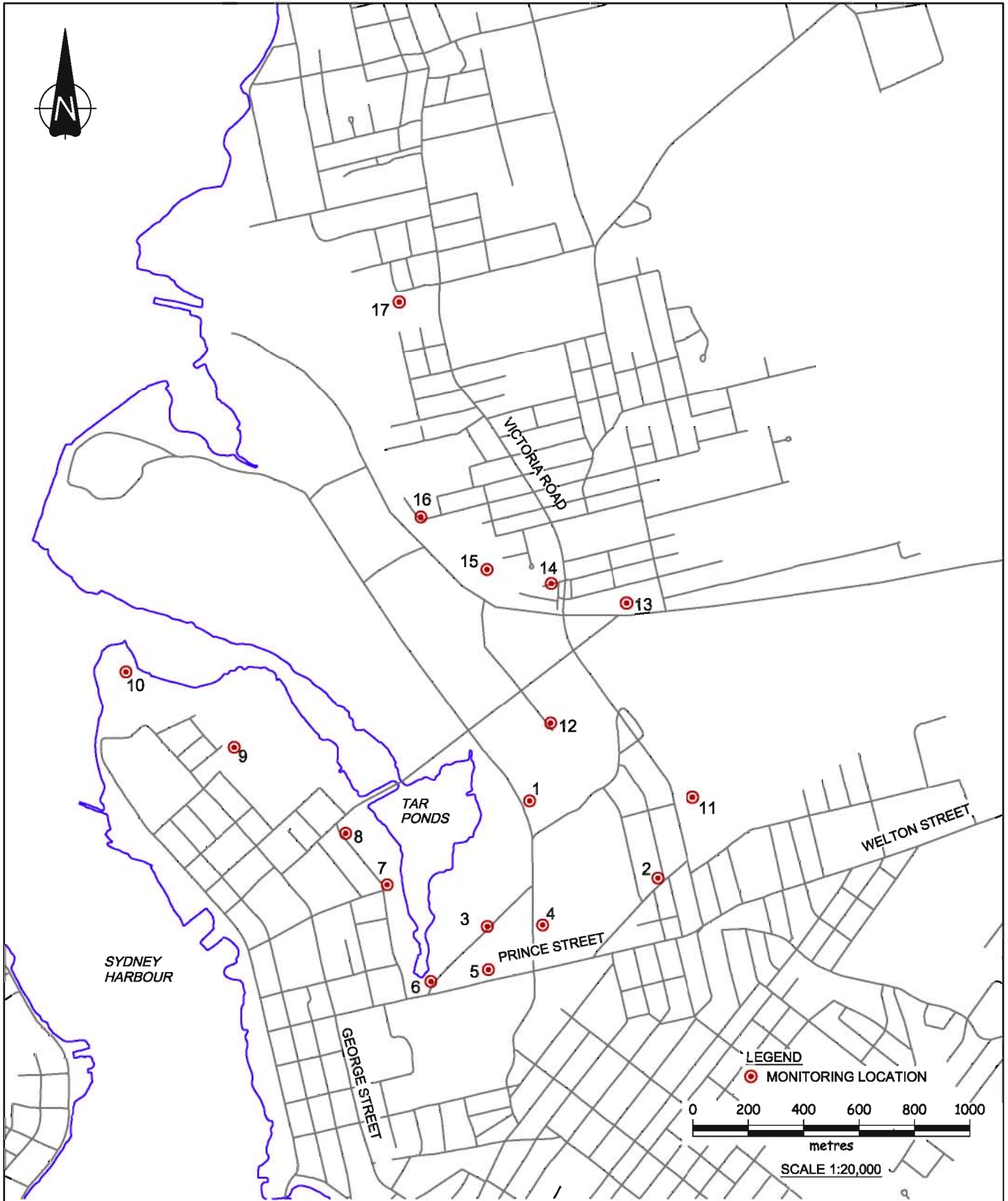


Figure 1

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

