



MEMORANDUM

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

From: Dawn MacNeil

Date: September 27, 2011

Subject: Odour Monitoring Daily Report; September 26, 2011

Weather Conditions	Mostly sunny
Precipitation	None
Wind Direction	North/North West
Wind Speed	Moderate winds 8 – 25 km/h
Temperature	16 °C - 20 °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 26, 2011
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: September 26, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:07	1								X		
7:18	2								X		
7:24	3								X		
7:30	4								X		
7:36	5								X		
7:42	6								X		
7:50	7								X		
8:36	8								X		
8:42	9								X		
8:49	10							X		506,514	WWTP
9:00	11								X		
9:13	12								X		
9:20	13								X		
9:26	14								X		
9:26	15								X		
9:32	16								X		
9:39	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: 63 %

Barometric Pressure: 100.69 kPa

Notes:

Date Signed: September 26, 2011

Name: Jessica Nicholas

Signature: Jessica Nicholas



ODOUR MONITORING DATA SHEET

DATE: September 26, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:49	1							X		712	Slight site odour
9:55	2								X		
10:01	3								X		
10:07	4								X		
10:13	5								X		
10:18	6								X		
10:24	7								X		
10:30	8								X		
10:36	9								X		
10:42	10								X		
10:52	11								X		
11:07	12								X		
11:14	13								X		
11:20	14								X		
11:27	15								X		
11:33	16								X		
11:42	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: 63 %

Barometric Pressure: 100.85 kPa

Notes:

Date Signed: September 26, 2011

Name: Jessica Nicholas

Signature: Jessica Nicholas



ODOUR MONITORING DATA SHEET

DATE: September 26, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
11:51	1							X		712	Slight site odour
11:57	2								X		
1:06	3								X		
1:11	4								X		
1:16	5								X		
1:22	6								X		
1:28	7								X		
1:34	8								X		
1:40	9								X		
1:46	10							X		506,514	WWTP
1:57	11								X		
2:04	12								X		
2:12	13								X		
2:20	14								X		
2:26	15								X		
2:32	16								X		
2:40	17								X		

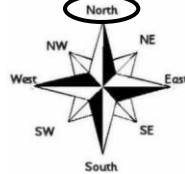
Weather Conditions

- 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: 19 °C Relative Humidity: 46 %

Barometric Pressure: 100.93 kPa

Notes:

Date Signed: September 26, 2011

Name: Jessica Nicholas

Signature: _____

Jessica Nicholas



ODOUR MONITORING DATA SHEET

DATE: September 26, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
2:57	1								X		
3:04	2								X		
3:10	3								X		
3:16	4								X		
3:22	5								X		
3:28	6								X		
3:35	7								X		
3:42	8								X		
3:50	9								X		
3:57	10								X		
4:09	11								X		
4:18	12								X		
4:25	13								X		
4:32	14								X		
4:40	15								X		
4:47	16								X		
4:58	17								X		

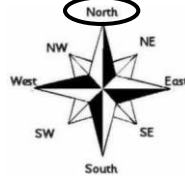
Weather Conditions

- 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: 53 %

Barometric Pressure: 100.86 kPa

Notes:

Date Signed: September 26, 2011

Name: Jessica Nicholas

Signature: Jessica Nicholas



ODOUR MONITORING DATA SHEET

DATE: September 26, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
5:08	1								X		
5:16	2								X		
5:22	3								X		
5:30	4								X		

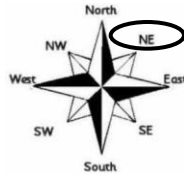
Weather Conditions

- 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: 18 °C Relative Humidity: 60 % Barometric Pressure: 100.81 kPa

Notes: _____

Date Signed: September 26, 2011

Name: Jessica Nicholas

Signature: Jessica Nicholas

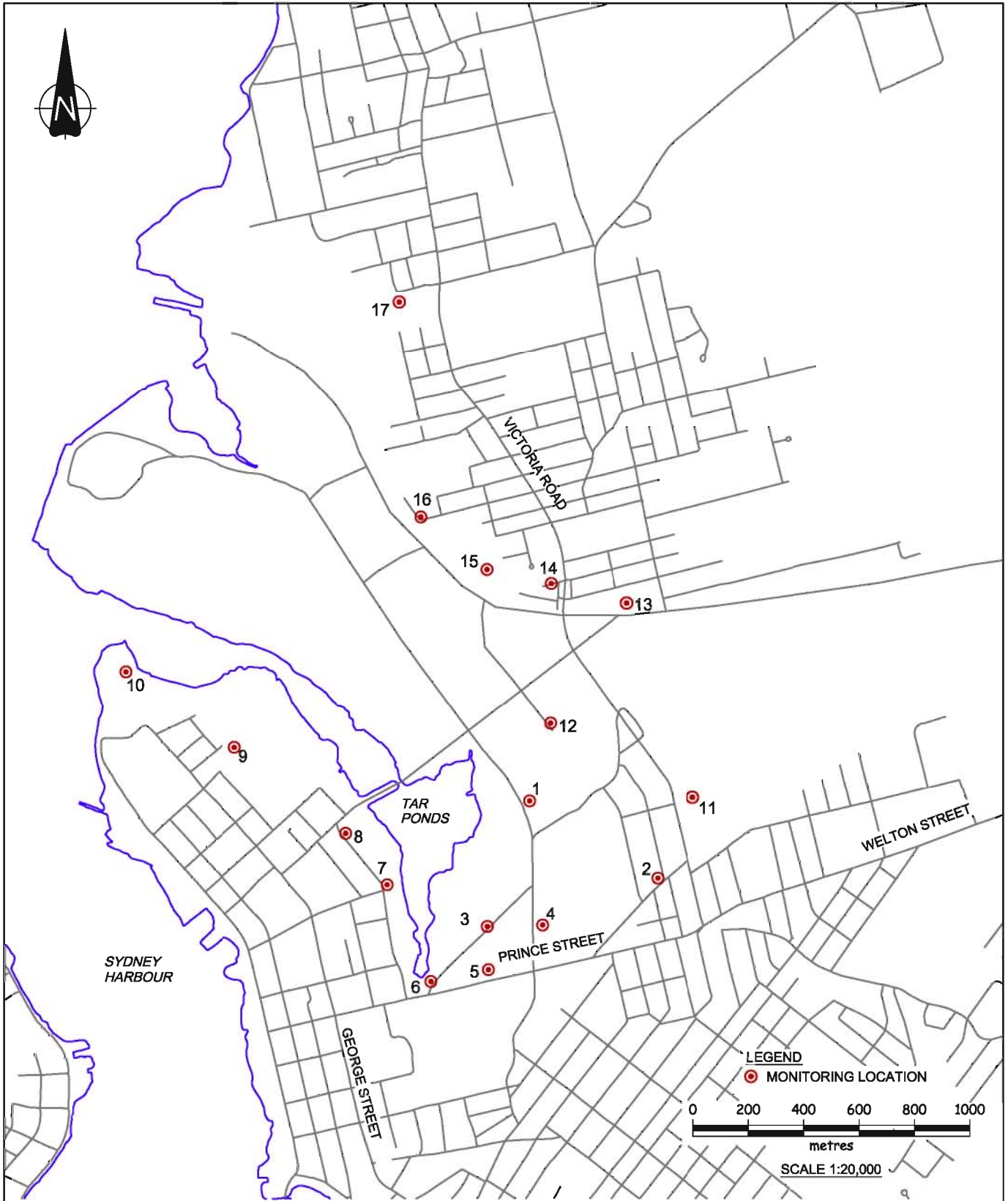


Figure 1

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

