



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 8, 2011

Weather Conditions	Cloudy-overcast
Precipitation	showers
Wind Direction	North/South/North West
Wind Speed	Varied between 1 - 25 km/h
Temperature	14-16 C

Four 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 8, 2011
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: September 8, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:50	1								X		
7:59	2								X		
8:05	3								X		
8:10	4								X		
8:16	5								X		
8:21	6								X		
8:27	7								X		
8:33	8								X		
8:39	9								X		
8:45	10								X		
8:55	11								X		
9:05	12								X		
9:11	13								X		
9:17	14								X		
9:23	15								X		
9:28	16								X		
9:34	17								X		

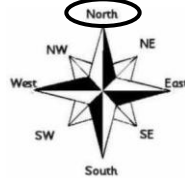
Weather Conditions

- 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: 59 %

Barometric Pressure: 102.77 kPa

Notes:

Date Signed: September 8, 2011

Name: Jessica Nicholas

Signature: Jessica Nicholas



ODOUR MONITORING DATA SHEET

DATE: September 8, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:43	1								X		
9:48	2								X		
9:54	3								X		
9:59	4								X		
10:05	5								X		
10:11	6								X		
10:16	7								X		
10:21	8							X		402	Not site related (burning wood)
10:27	9								X		
10:33	10								X		
10:44	11								X		
10:50	12								X		
10:56	13								X		
11:01	14							X		506	WWTP
11:07	15							X		712	Slight site odour
11:12	16							X		712	Slight site odour
11:17	17								X		

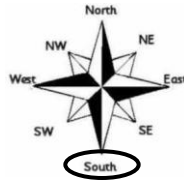
Weather Conditions

- 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: 14 °C Relative Humidity: 94 %

Barometric Pressure: 102.00 kPa

Notes:

Date Signed: September 8, 2011

Name: Jessica Nicholas

Signature: Jessica Nicholas



ODOUR MONITORING DATA SHEET

DATE: September 8, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
11:28	1								X		
11:34	2								X		
11:40	3								X		
11:45	4								X		
11:51	5								X		
11:56	6								X		
12:54	7								X		
1:00	8								X		
1:06	9								X		
1:11	10								X		
1:21	11								X		
1:26	12								X		
1:33	13								X		
1:39	14								X		
1:45	15								X		
1:51	16								X		
1:57	17								X		

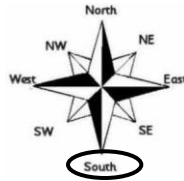
Weather Conditions

- 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: 15 °C Relative Humidity: 94 %

Barometric Pressure: 101.81 kPa

Notes:

Date Signed: September 8, 2011

Name: Jessica Nicholas

Signature: Jessica Nicholas



ODOUR MONITORING DATA SHEET

DATE: September 8, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
2:04	1							X		712	Slight site odour
2:09	2							X		712	Slight site odour
2:15	3								X		
2:21	4								X		
2:27	5								X		
2:34	6								X		
2:40	7								X		
2:46	8								X		
2:52	9								X		
2:58	10								X		
3:10	11								X		
3:16	12								X		
3:21	13							X		506	Garbage transfer facility
3:27	14								X		
3:32	15								X		
3:38	16								X		
3:44	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: 15 °C Relative Humidity: 94 %

Barometric Pressure: 101.65 kPa

Notes:

Date Signed: September 8, 2011

Name: Jessica Nicholas

Signature: Jessica Nicholas



ODOUR MONITORING DATA SHEET

DATE: September 8, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
3:54	1								X		
4:00	2								X		
4:07	3								X		
4:13	4								X		
4:18	5								X		
4:24	6								X		
4:30	7								X		
4:36	8								X		
4:42	9								X		
4:50	10							X		505,515	WWTP
5:01	11								X		
5:08	12								X		
5:14	13								X		
5:20	14								X		
5:25	15								X		
5:30	16								X		

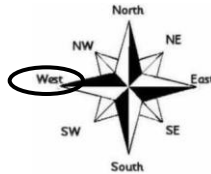
Weather Conditions

- 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: 15 °C Relative Humidity: 94 %

Barometric Pressure: 101.29 kPa

Notes:

Date Signed: September 8, 2011

Name: Jessica Nicholas

Signature: Jessica Nicholas

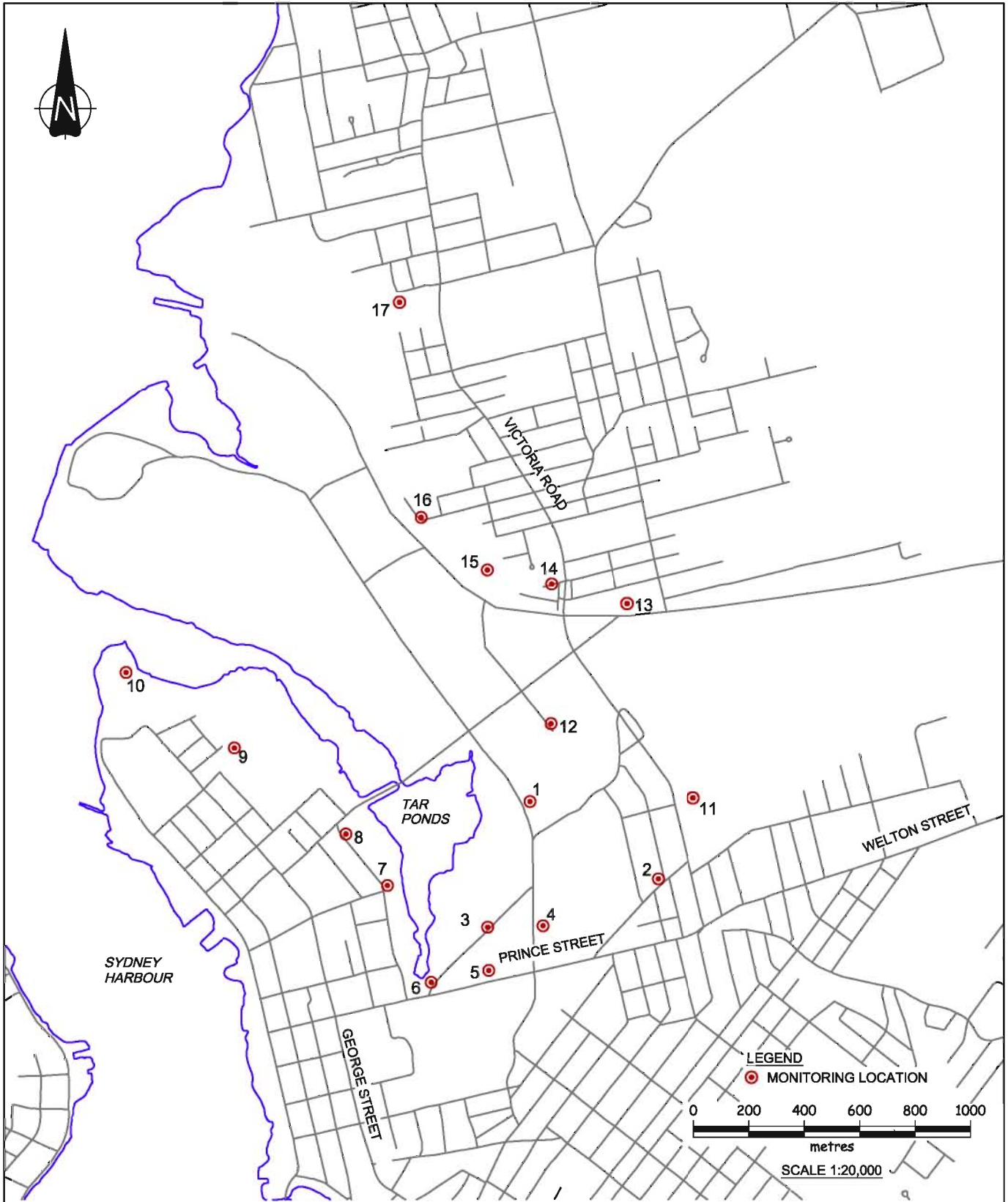


Figure 1

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

