



MEMORANDUM

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

From: Dawn MacNeil

Date: November 7, 2011

Subject: Odour Monitoring Daily Report; November 4, 2011

Weather Conditions	Overcast
Precipitation	None/Rain in the afternoon
Wind Direction	South West
Wind Speed	Moderate Winds (8 - 25 km/h)
Temperature	6 °C - 7 °C

Five rounds of monitoring were conducted today with no quantifiable site-related odours detected.

Please find attached:

- Odour Monitoring Data Sheets for November 4, 2011
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: November 4, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:00	1								X		
7:07	2								X		
7:12	11								X		
7:20	12								X		
7:25	13								X		
7:31	14								X		
7:37	15								X		
7:43	16								X		
7:51	17								X		
8:03	3								X		
8:08	4								X		
8:13	5								X		
8:19	6								X		
8:25	7								X		
8:30	8								X		
8:36	9								X		
8:42	10								X		

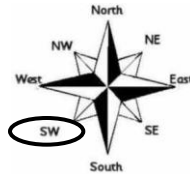
Weather Conditions

- 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: 2 °C Relative Humidity: 83 %

Barometric Pressure: 101.44 kPa

Notes:

Date Signed: November 4, 2011

Name: Gloria Paul

Signature:



ODOUR MONITORING DATA SHEET

DATE: November 4, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
8:50	1								X		
8:56	2								X		
9:02	11								X		
9:09	12								X		
9:14	13								X		
9:20	14								X		
9:26	15								X		
9:32	16								X		
9:39	17								X		
9:48	3								X		
9:53	4								X		
9:58	5								X		
10:04	6								X		
10:09	7								X		
10:14	8								X		
10:20	9								X		
10:26	10								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: 6 °C Relative Humidity: 91 %

Barometric Pressure: 100.39 kPa

Notes:

Date Signed: November 4, 2011

Name: Gloria Paul

Signature:



ODOUR MONITORING DATA SHEET

DATE: November 4, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
10:35	1								X		
10:41	2								X		
10:46	11								X		
10:54	12								X		
11:00	13								X		
11:06	14								X		
11:11	15								X		
11:17	16								X		
11:25	17								X		
11:33	3								X		
11:38	4								X		
11:44	5								X		
11:49	6								X		
11:54	7								X		
12:00	8								X		
12:06	9								X		
12:15	10								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: 6 °C Relative Humidity: 93 %

Barometric Pressure: 100.42 kPa

Notes:

Date Signed: November 4, 2011

Name: Gloria Paul

Signature:



ODOUR MONITORING DATA SHEET

DATE: November 4, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
1:00	1								X		
1:07	2								X		
1:13	11								X		
1:22	12							X		600	Not site related (fish odour)
1:32	13								X		
1:39	14								X		
1:45	15								X		
1:50	16								X		
1:59	17								X		
2:08	3								X		
2:13	4								X		
2:18	5								X		
2:24	6								X		
2:30	7								X		
2:38	8								X		
2:45	9								X		
2:54	10							X		515	WWTP

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: 7 °C Relative Humidity: 90 %

Barometric Pressure: 100.41 kPa

Notes:

Date Signed: November 4, 2011

Name: Gloria Paul

Signature: *Gloria Paul*



ODOUR MONITORING DATA SHEET

DATE: November 4, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
3:02	1								X		
3:11	2								X		
3:43	11								X		
3:52	12								X		
3:58	13								X		
4:05	14								X		
4:11	15								X		
4:18	16								X		
4:27	17								X		
4:38	3								X		
4:44	4								X		
4:51	5								X		
4:57	6								X		
5:04	7								X		
5:09	8								X		
5:15	9								X		
5:22	10								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: 6 °C Relative Humidity: 79 %

Barometric Pressure: 100.41 kPa

Notes:

Date Signed: November 4, 2011

Name: Gloria Paul

Signature:

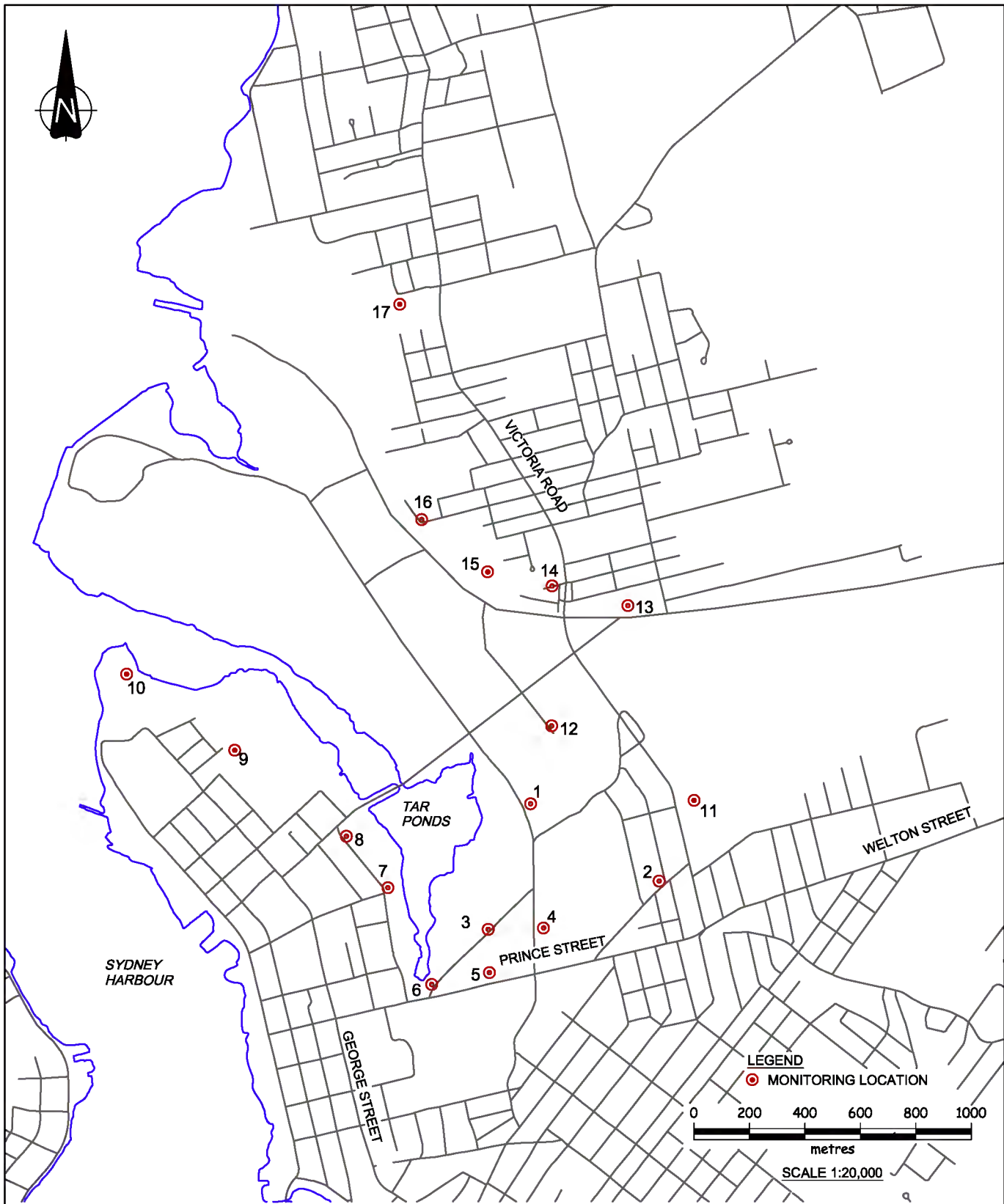


Figure 1

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

