



MEMORANDUM

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

From: Dawn MacNeil

Date: October 11, 2011

Subject: Odour Monitoring Daily Report; October 7, 2011

Weather Conditions	Partly Cloudy
Precipitation	None
Wind Direction	North/North West
Wind Speed	Moderate winds 8 - 25 km/h or higher
Temperature	4 C - 6 C

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

Please find attached:

- Odour Monitoring Data Sheets for October 7, 2011
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: October 7, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:04	1								X		
7:10	2								X		
7:16	3								X		
7:23	4								X		
7:30	5								X		
7:36	6								X		
7:42	7								X		
7:48	8								X		
7:54	9								X		
8:03	10								X		
8:16	11								X		
8:22	12								X		
8:28	13								X		
8:34	14								X		
8:40	15								X		
8:46	16								X		
8:52	17								X		

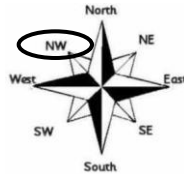
Weather Conditions

- 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: 4 °C Relative Humidity: 75 %

Barometric Pressure: 101.94 kPa

Notes:

Date Signed: October 7, 2011

Name: Terry Hyisky

Signature:



ODOUR MONITORING DATA SHEET

DATE: October 7, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:10	1								X		
9:16	2								X		
9:22	3								X		
9:28	4								X		
9:34	5								X		
9:40	6								X		
9:46	7								X		
9:52	8								X		
9:58	9								X		
10:06	10								X		
10:14	11								X		
10:21	12								X		
10:27	13								X		
10:33	14								X		
10:40	15								X		
10:46	16								X		
10:53	17								X		

Weather Conditions

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- 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: 75 %

Barometric Pressure: 101.94 kPa

Notes: _____

Date Signed: October 7, 2011

Name: Terry Hyisky

Signature:



ODOUR MONITORING DATA SHEET

DATE: October 7, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
11:06	1								X		
11:12	2								X		
11:18	3								X		
11:24	4								X		
11:30	5								X		
11:36	6								X		
11:42	7								X		
11:48	8								X		
11:54	9								X		
12:40	10								X		
12:50	11								X		
12:58	12								X		
1:05	13								X		
1:11	14								X		
1:17	15								X		
1:23	16								X		
1:30	17								X		

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Precipitation

- None
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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: 61 %

Barometric Pressure: 102.08 kPa

Notes:

Date Signed: October 7, 2011

Name: Terry Hyisky

Signature:



ODOUR MONITORING DATA SHEET

DATE: October 7, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
3:55	1								X		
4:01	2								X		
4:07	3								X		
4:13	4								X		
4:19	5								X		
4:25	6								X		
4:31	7								X		
4:37	8								X		
4:43	9								X		
4:51	10								X		
4:58	11								X		
5:04	12								X		
5:10	13								X		
5:16	14								X		
5:20	15								X		
5:26	16								X		
5:31	17								X		

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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: 5 °C Relative Humidity: 61 %

Barometric Pressure: 102.29 kPa

Notes:

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Signature:



ODOUR MONITORING DATA SHEET

DATE: October 7, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
3:55	1								X		
4:01	2								X		
4:07	3								X		
4:13	4								X		
4:19	5								X		
4:25	6								X		
4:31	7								X		
4:37	8								X		
4:43	9								X		
4:51	10								X		
4:58	11								X		
5:04	12								X		
5:10	13								X		
5:16	14								X		
5:20	15								X		
5:26	16								X		
5:31	17								X		

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Temperature: 5 °C Relative Humidity: 61 %

Barometric Pressure: 102.29 kPa

Notes:

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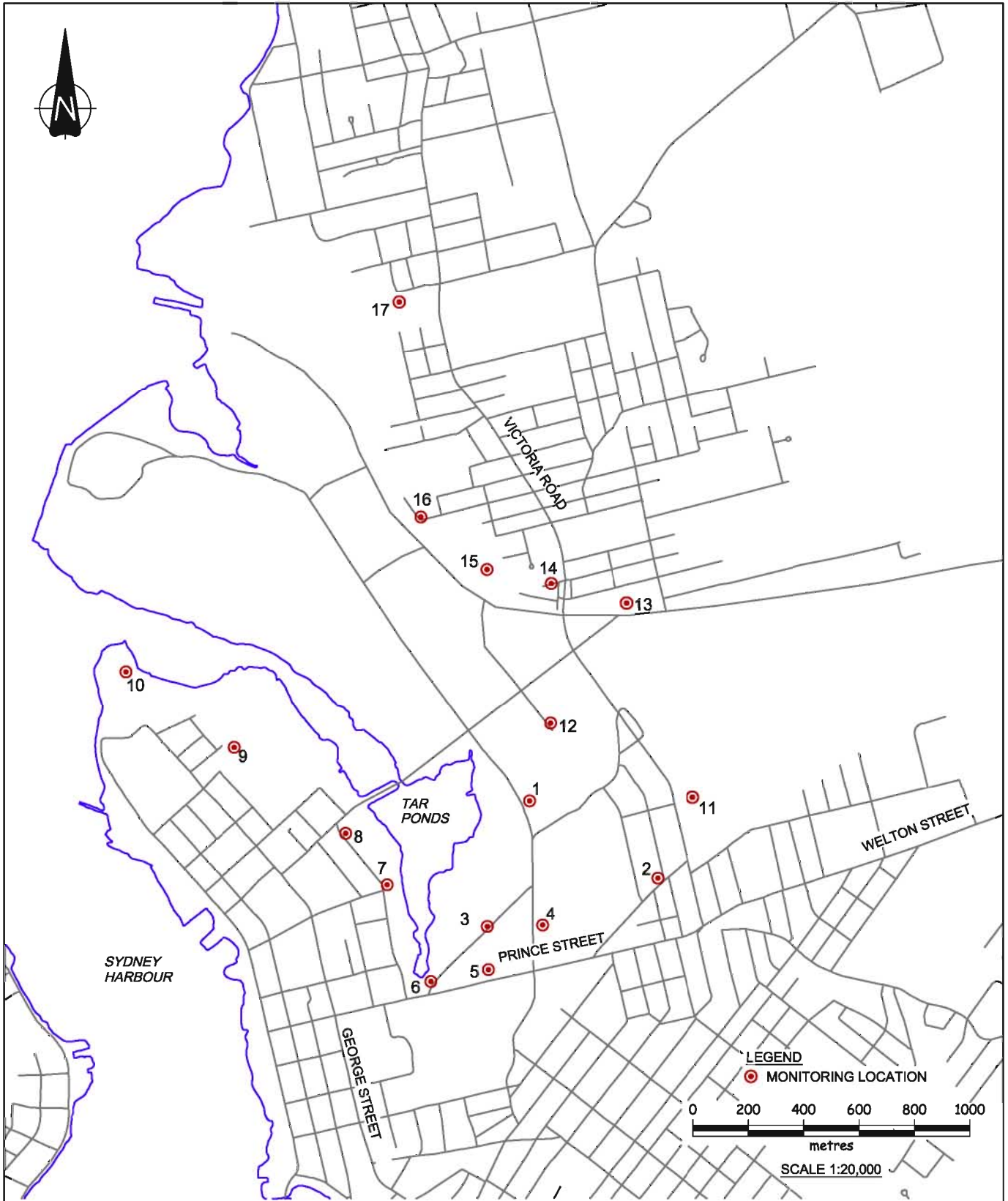


Figure 1

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

