



MEMORANDUM

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

From: Dawn MacNeil

Date: September 30, 2011

Subject: Odour Monitoring Daily Report; September 29, 2011

Weather Conditions	Mostly Sunny
Precipitation	None
Wind Direction	South/South West
Wind Speed	Moderate winds 8 – 25 km/h
Temperature	10 °C - 18 °C

Three 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 29, 2011
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: September 29, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
6:30	1								X		
6:40	2								X		
6:50	3								X		
7:00	4								X		
7:09	5								X		
7:19	6								X		
7:29	7								X		
7:38	8								X		
7:47	9								X		
7:56	10								X		
8:10	11								X		
8:20	12								X		
8:28	13								X		
8:38	14								X		
8:46	15								X		
8:56	16								X		
9:09	17								X		

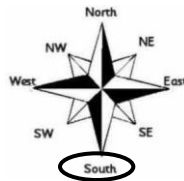
Weather Conditions

- 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: 10 °C Relative Humidity: 87 %

Barometric Pressure: 101.78 kPa

Notes:

Date Signed: September 29, 2011

Name: Gloria Paul

Signature:



ODOUR MONITORING DATA SHEET

DATE: September 29, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:21	1								X		
9:31	2								X		
9:39	3								X		
9:46	4								X		
9:54	5								X		
10:02	6								X		
10:10	7								X		
10:17	8								X		
10:27	9								X		
10:36	10								X		
10:57	11								X		
11:10	12								X		
11:19	13								X		
11:29	14								X		
11:37	15							X		715	Slight site odour
11:44	16								X		
11:57	17								X		

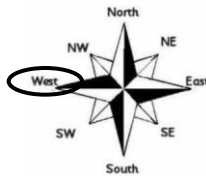
Weather Conditions

- 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: 13 °C Relative Humidity: 82 %

Barometric Pressure: 101.80 kPa

Notes: _____

Date Signed: September 29, 2011

Name: Gloria Paul

Signature:



ODOUR MONITORING DATA SHEET

DATE: September 29, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
12:55	1								X		
1:10	2								X		
1:18	3								X		
1:26	4								X		
1:34	5								X		
1:41	6								X		
1:49	7								X		
1:59	8								X		
2:05	9								X		
2:16	10								X		
2:31	11								X		
2:41	12								X		
2:51	13								X		
2:58	14								X		
3:07	15								X		
3:17	16								X		
3:28	17								X		

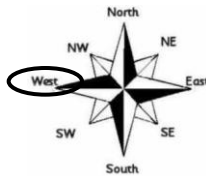
Weather Conditions

- 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: 101.69 kPa

Notes: _____

Date Signed: September 29, 2011

Name: Gloria Paul

Signature:



ODOUR MONITORING DATA SHEET

DATE: September 29, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
3:42	1								X		
3:50	2								X		
3:59	3								X		
4:09	4								X		
4:18	5								X		
4:26	6								X		
4:34	7								X		
4:43	8								X		
4:51	9								X		
4:57	10								X		

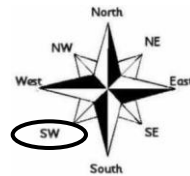
Weather Conditions

- 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: 18 °C Relative Humidity: 52 %

Barometric Pressure: 101.57 kPa

Notes:

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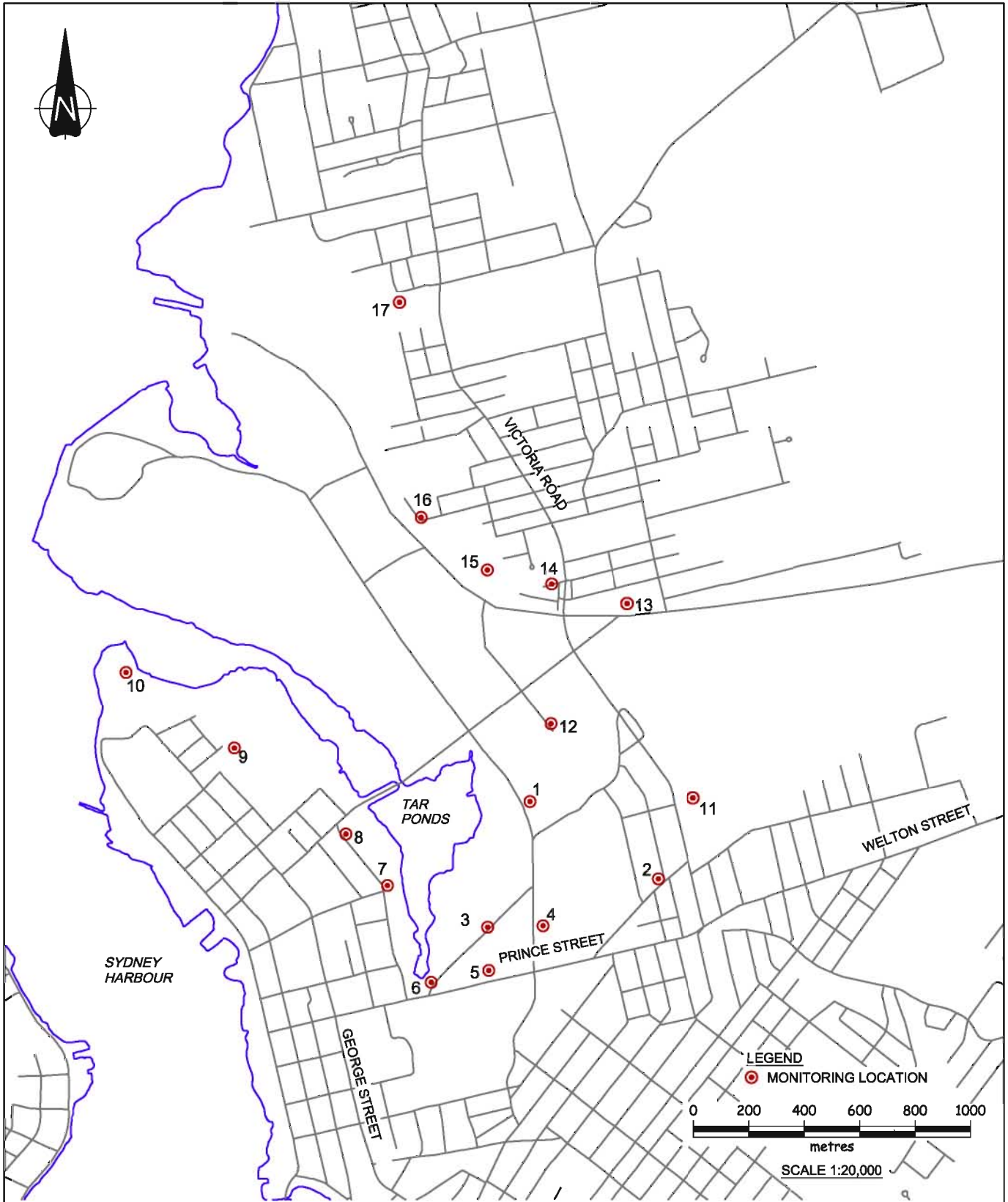


Figure 1

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

