



MEMORANDUM

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

From: Dawn MacNeil

Date: October 17, 2011

Subject: Odour Monitoring Daily Report; October 13, 2011

Weather Conditions	Partly Cloudy
Precipitation	None
Wind Direction	South/South West
Wind Speed	Varied between 8 – 25 km/h
Temperature	7-13 °C

Three and one half rounds of monitoring were conducted today with no quantifiable site-related odours detected greater than <2DT.

Please find attached:

- Odour Monitoring Data Sheets for October 13, 2011
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: October 13, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
6:55	1								X		
7:09	2								X		
7:18	3								X		
7:27	4								X		
7:36	5								X		
7:44	6								X		
7:53	7								X		
8:03	8								X		
8:12	9								X		
8:21	10								X		
8:41	11								X		
8:54	12								X		
9:04	13								X		
9:13	14								X		
9:22	15								X		
9:30	16								X		
9:41	17								X		

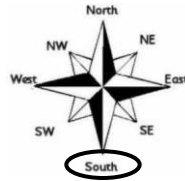
Weather Conditions

- 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: 7 °C

Relative Humidity: 87 %

Barometric Pressure: 102.53 kPa

Notes:

Date Signed: October 13, 2011

Name: Gloria Paul

Signature:



ODOUR MONITORING DATA SHEET

DATE: October 13, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:55	1								X		
10:03	2								X		
10:12	3								X		
10:21	4								X		
10:29	5								X		
10:38	6								X		
10:47	7								X		
10:55	8								X		
11:04	9								X		
11:12	10							X		707	Not site related (oil refinery)
11:31	11								X		
11:44	12								X		
11:54	13								X		
1:00	14								X		
1:09	15							X		212	Slight site odour (biosolve)
1:21	16								X		
1:32	17								X		

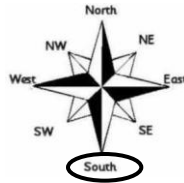
Weather Conditions

- 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: 9 °C

Relative Humidity: 87 %

Barometric Pressure: 102.55 kPa

Notes:

Date Signed: October 13, 2011

Name: Gloria Paul

Signature:



ODOUR MONITORING DATA SHEET

DATE: October 13, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
1:48	1								X		
1:56	2								X		
2:04	3								X		
2:13	4								X		
2:21	5								X		
2:29	6								X		
2:39	7								X		
2:48	8								X		
2:58	9								X		
3:07	10								X		
3:24	11								X		
3:36	12								X		
3:44	13								X		
3:54	14								X		
4:03	15								X		
4:11	16								X		
4:20	17								X		

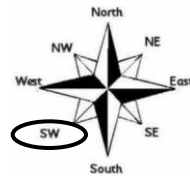
Weather Conditions

- 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: 72 %

Barometric Pressure: 102.38 kPa

Notes:

Date Signed: October 13, 2011

Name: Gloria Paul

Signature:



ODOUR MONITORING DATA SHEET

DATE: October 13, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
4:33	1								X		
4:40	2								X		
4:48	3								X		
4:58	4								X		

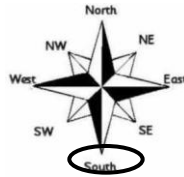
Weather Conditions

- 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: 12 °C

Relative Humidity: 82 %

Barometric Pressure: 102.30 kPa

Notes:

Date Signed: October 13, 2011

Name: Gloria Paul

Signature: *Gloria Paul*

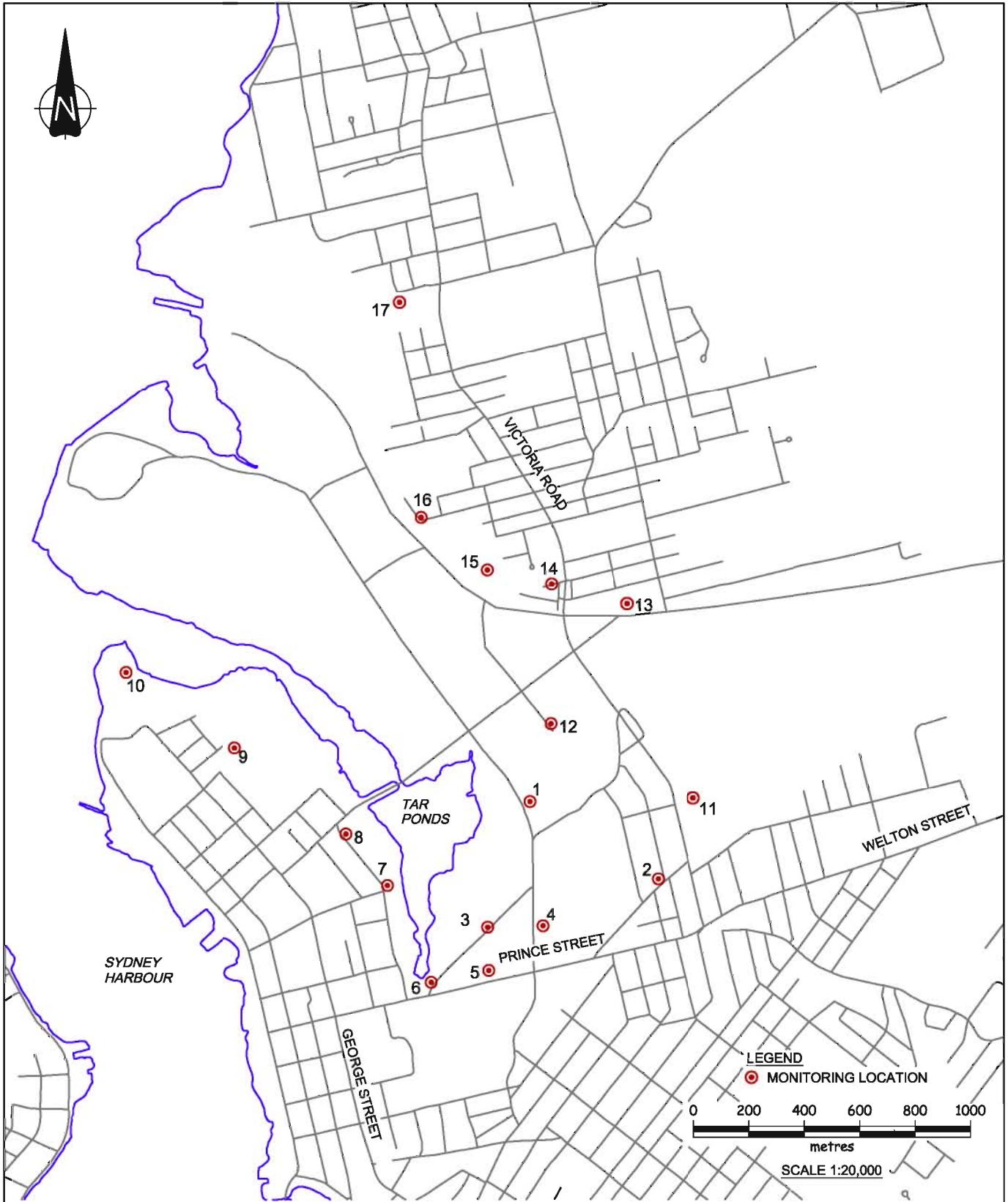


Figure 1

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

