



MEMORANDUM

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

From: Dawn MacNeil

Date: September 22, 2011

Subject: Odour Monitoring Daily Report; September 21, 2011

Weather Conditions	Partly Cloudy
Precipitation	None
Wind Direction	South/South West
Wind Speed	Moderate winds between 8-25 km/h
Temperature	13 °C - 19 °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 21, 2011
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: September 21, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
6:35	1								X		
6:43	2								X		
6:53	3								X		
7:01	4								X		
7:09	5								X		
7:17	6								X		
7:25	7								X		
7:35	8								X		
7:43	9								X		
7:51	10								X		
8:09	11								X		
8:21	12							X		212	Faint bio-solve odour
8:29	13								X		
8:39	14								X		
8:47	15								X		
8:55	16								X		
9:06	17								X		

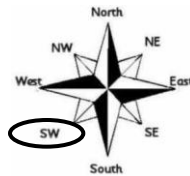
Weather Conditions

- 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: 88 %

Barometric Pressure: 101.77 kPa

Notes:

Date Signed: September 21, 2011

Name: Gloria Paul

Signature:



ODOUR MONITORING DATA SHEET

DATE: September 21, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:21	1								X		
9:31	2								X		
9:41	3								X		
9:51	4								X		
9:58	5								X		
10:06	6								X		
10:14	7								X		
10:23	8								X		
10:33	9								X		
10:43	10							X		515	WWTP
11:00	11							X		212	Faint bio-solve odour
11:13	12							X		212	Faint bio-solve odour
11:23	13								X		
11:31	14								X		
11:38	15								X		
11:47	16								X		
11:54	17								X		

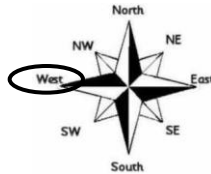
Weather Conditions

- 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: 88 %

Barometric Pressure: 101.83 kPa

Notes:

Date Signed: September 21, 2011

Name: Gloria Paul

Signature:



ODOUR MONITORING DATA SHEET

DATE: September 21, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
1:11	1							X		215	Slight site odour
1:21	2								X		
1:29	3								X		
1:39	4								X		
1:49	5								X		
1:57	6								X		
2:05	7								X		
2:13	8								X		
2:22	9								X		
2:32	10							X		515	WWTP
2:49	11								X		
3:02	12								X		
3:10	13								X		
3:19	14								X		
3:24	15								X		
3:36	16								X		
3:47	17								X		

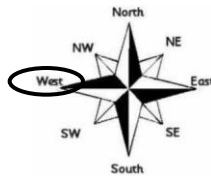
Weather Conditions

- 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: 18 °C Relative Humidity: 64 % Barometric Pressure: 101.94 kPa

Notes: _____

Date Signed: September 21, 2011 Name: Gloria Paul Signature: *Gloria Paul*



ODOUR MONITORING DATA SHEET

DATE: September 21, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
4:08	1						X			215	Slight bio-solve odour
4:20	2							X		215	Slight bio-solve odour
4:31	3							X		215	Slight bio-solve odour
4:39	4								X		
4:48	5								X		
4:56	6								X		

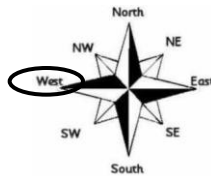
Weather Conditions

- 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: 19 °C Relative Humidity: 60 %

Barometric Pressure: 101.94 kPa

Notes:

Date Signed: September 21, 2011

Name: Gloria Paul

Signature: *Gloria Paul*

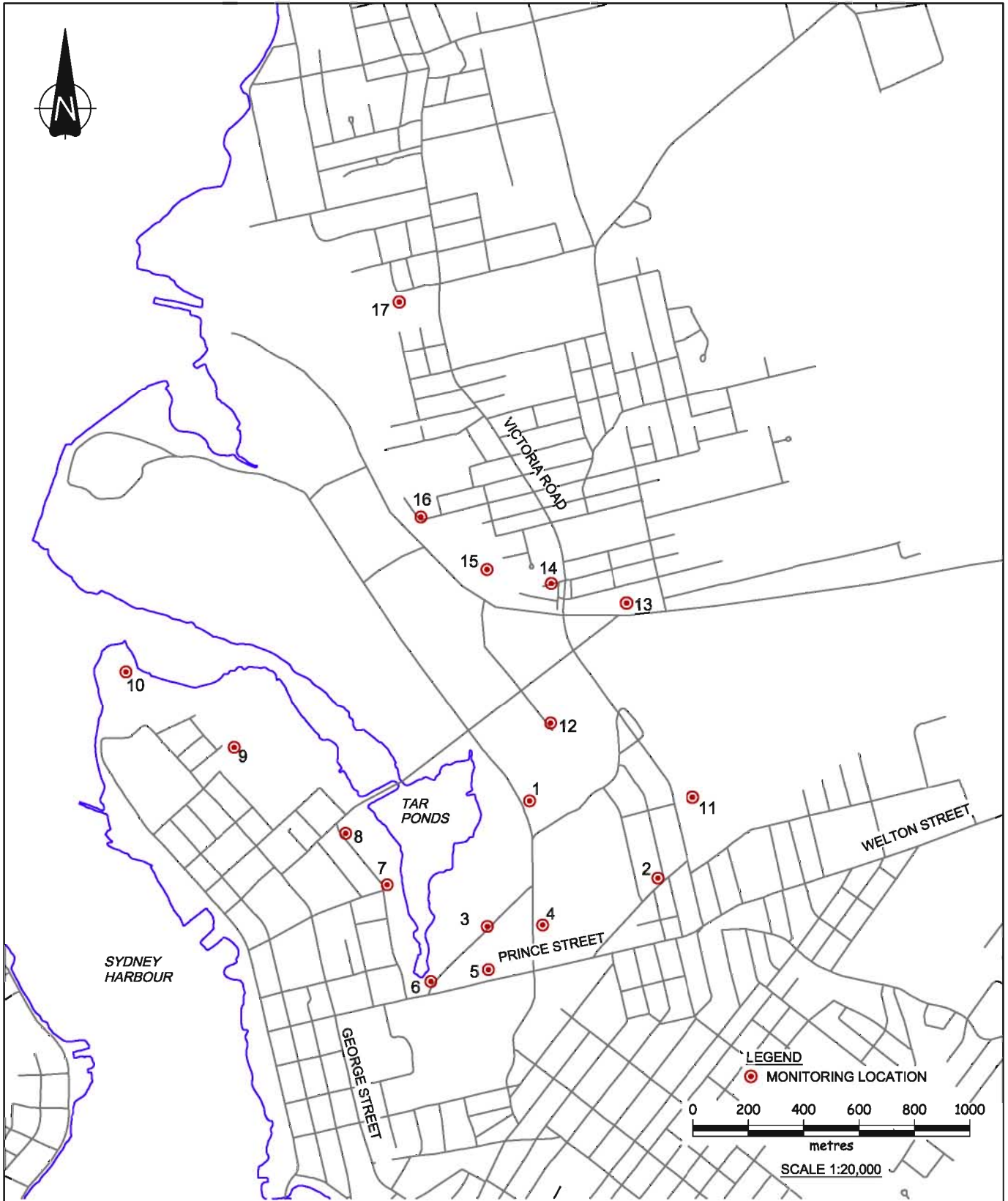


Figure 1

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

