



MEMORANDUM

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

From: Dawn MacNeil

Date: September 7, 2011

Subject: Odour Monitoring Daily Report; September 6, 2011

Weather Conditions	Cloudy-overcast
Precipitation	None
Wind Direction	South/South West/ West/ South East
Wind Speed	Varied between 0 – 25 km/h
Temperature	20 C

Four 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 September 6, 2011
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: September 6, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:00	1								X		
7:10	2								X		
7:18	3								X		
7:26	4								X		
7:33	5								X		
7:43	6								X		
7:49	7								X		
7:56	8								X		
8:05	9								X		
8:13	10								X		
8:29	11								X		
8:42	12								X		
8:52	13								X		
9:01	14								X		
9:09	15							X		715	Slight site odour/bio-solve
9:18	16							X		715	Slight site odour/bio-solve
9:29	17								X		

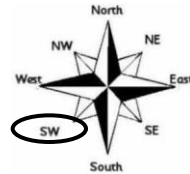
Weather Conditions

- 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: 20 °C Relative Humidity: 64 %

Barometric Pressure: 102.15 kPa

Notes:

Date Signed: September 6, 2011

Name: Gloria Paul

Signature:



ODOUR MONITORING DATA SHEET

DATE: September 6, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:48	1								X		
10:00	2								X		
10:09	3								X		
10:18	4								X		
10:27	5							X		418	Not site related (Food)
10:37	6								X		
10:47	7								X		
10:56	8								X		
11:06	9								X		
11:14	10							X		707	Not site related (Oil refinery)
11:29	11								X		
11:41	12								X		
11:50	13								X		
11:56	14								X		
1:10	15							X		715	Slight site odour
1:20	16							X		715	Slight site odour
1:29	17								X		

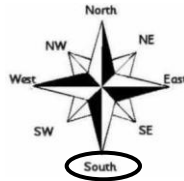
Weather Conditions

- 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: 20 °C Relative Humidity: 89 %

Barometric Pressure: 102.24 kPa

Notes:

Date Signed: September 6, 2011

Name: Gloria Paul

Signature:



ODOUR MONITORING DATA SHEET

DATE: September 6, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
1:46	1								X		
2:00	2								X		
2:19	3								X		
2:28	4								X		
2:35	5							X		418	Not site related (Food)
2:44	6								X		
2:53	7								X		
2:58	8								X		
3:08	9								X		
3:16	10								X		
3:29	11								X		
3:41	12							X		715	Slight site odour
3:48	13								X		
3:56	14								X		
4:03	15								X		
4:14	16								X		
4:29	17								X		

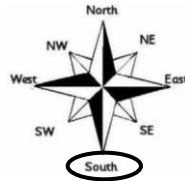
Weather Conditions

- 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: 23 °C Relative Humidity: 83 %

Barometric Pressure: 100.93 kPa

Notes:

Date Signed: September 6, 2011

Name: Gloria Paul

Signature:



ODOUR MONITORING DATA SHEET

DATE: September 6, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
4:45	1							X		212	Slight bio-solve odour
4:56	2								X		
5:05	3								X		
5:14	4								X		
5:22	5							X		708	Not site related (Food)
5:30	6								X		
5:38	7								X		
5:46	8								X		
5:53	9								X		
5:59	10							X		515	WWTP

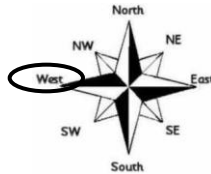
Weather Conditions

- 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: 20 °C Relative Humidity: 88 % Barometric Pressure: 100.94 kPa

Notes: _____

Date Signed: September 6, 2011 Name: Gloria Paul Signature: *Gloria Paul*

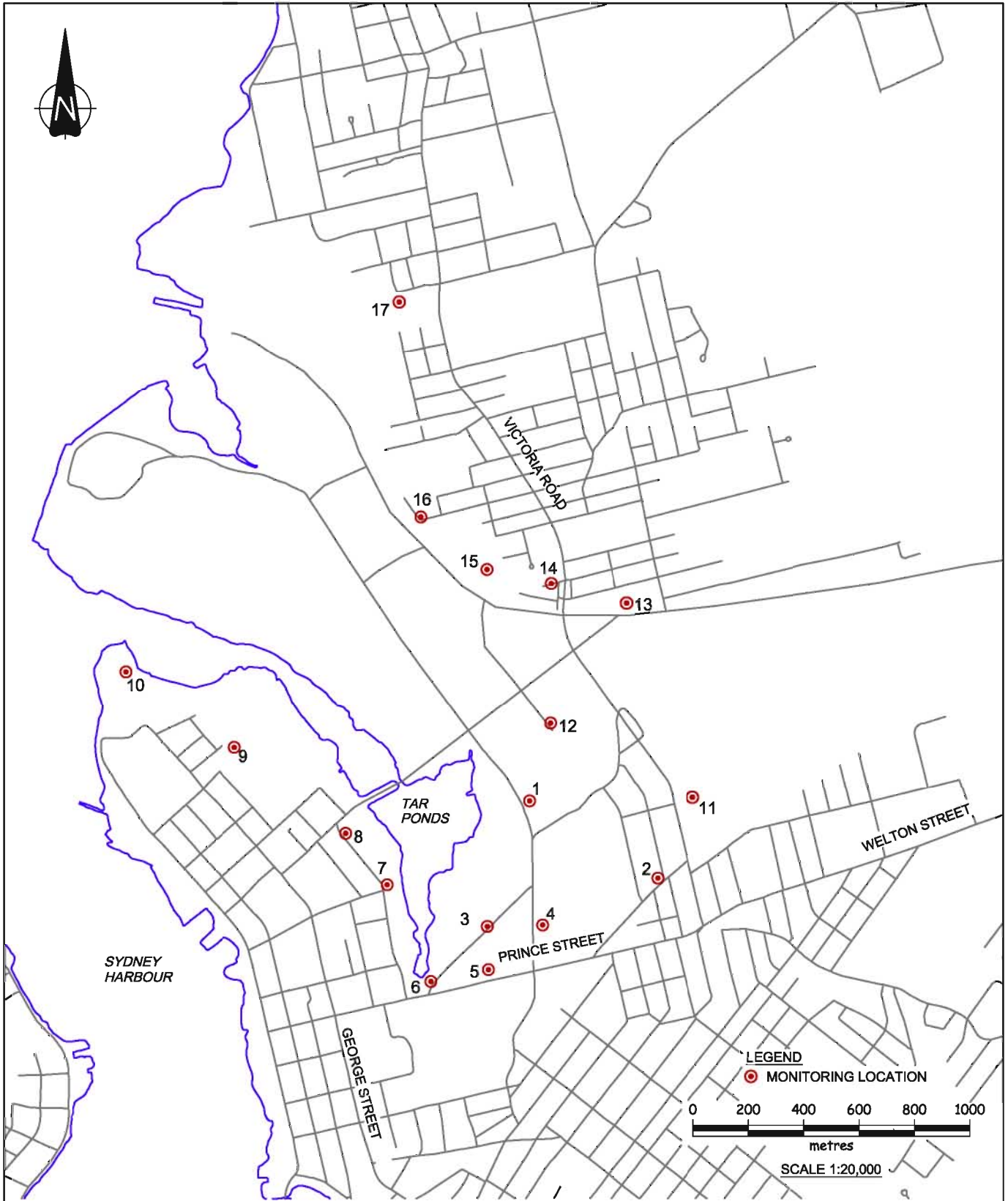


Figure 1

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

