



MEMORANDUM

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

From: Peter Weaver

Date: December 12, 2012

Subject: Odour Monitoring Daily Report; December 11, 2012

Weather Conditions	Overcast
Precipitation	None
Wind Direction	South/South West
Wind Speed	Strong Winds (25 km/h or higher)
Temperature	9 °C - 14 °C

Three and one half rounds of monitoring were conducted today with no quantifiable site-related odours detected.

Please find attached:

- Odour Monitoring Data Sheets for December 11, 2012
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: December 11, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:00	3								X		
7:10	6								X		
7:16	7								X		
7:24	8								X		
7:29	9								X		
7:34	10								X		
7:46	12								X		
7:52	17								X		
7:58	13								X		
8:03	14								X		
8:08	15								X		
8:13	16								X		
8:34	5								X		
8:40	1								X		
8:47	11								X		
8:52	2								X		
8:57	4								X		

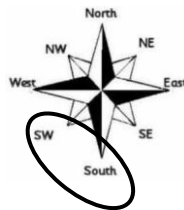
Weather Conditions

- 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: 13 °C

Relative Humidity: 97 %

Barometric Pressure: 99.63 kpa

Notes:

Date Signed: December 11, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: December 11, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:20	3								X		
9:26	6								X		
9:31	7								X		
9:36	8								X		
9:41	9								X		
9:46	10								X		
9:56	12								X		
10:03	17								X		
10:09	13								X		
10:14	14								X		
10:19	15								X		
10:24	16								X		
10:43	5								X		
10:50	1								X		
10:57	11								X		
11:03	2								X		
11:21	4								X		

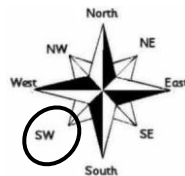
Weather Conditions

- 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: 14 °C

Relative Humidity: 94 %

Barometric Pressure: 99.61 kpa

Notes:

Date Signed: December 11, 2012

Name: Denise Walker

Signature: *Denise Walker*



ODOUR MONITORING DATA SHEET

DATE: December 11, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
1:50	3								X		
1:56	6								X		
2:01	7								X		
2:06	8								X		
2:11	9								X		
2:16	10								X		
2:26	12								X		
2:33	17								X		
2:39	13								X		
2:44	14								X		
2:49	15								X		
3:01	16								X		
3:25	5								X		
3:33	1								X		
3:39	11								X		
3:55	2								X		
4:00	4								X		

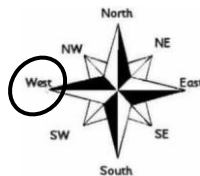
Weather Conditions

- 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: ____9____ °C

Relative Humidity: ____83____ %

Barometric Pressure: ____100.10____ kpa

Notes:

Date Signed: December 11, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: December 11, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
4:15	3								X		
4:22	6								X		
4:28	7								X		
4:33	8								X		
4:39	9								X		
4:44	10								X		

Weather Conditions

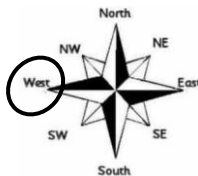
Precipitation

Wind Direction (Blowing From)

Wind Speed

- Mostly Sunny
- Partly Cloudy
- Mostly Cloudy
- Overcast
- Hazy

- None
- Fog
- Rain
- Sleet
- Snow



- Calm
- Light Breeze (1 – 8 km/h)
- Moderate Wind (8 – 25 km/h)
- Strong Winds (25 km/h or higher)

Temperature: 8 °C

Relative Humidity: 68 %

Barometric Pressure: 100.37 kpa

Notes: _____

Date Signed: December 11, 2012 Name: Denise Walker Signature: Denise Walker

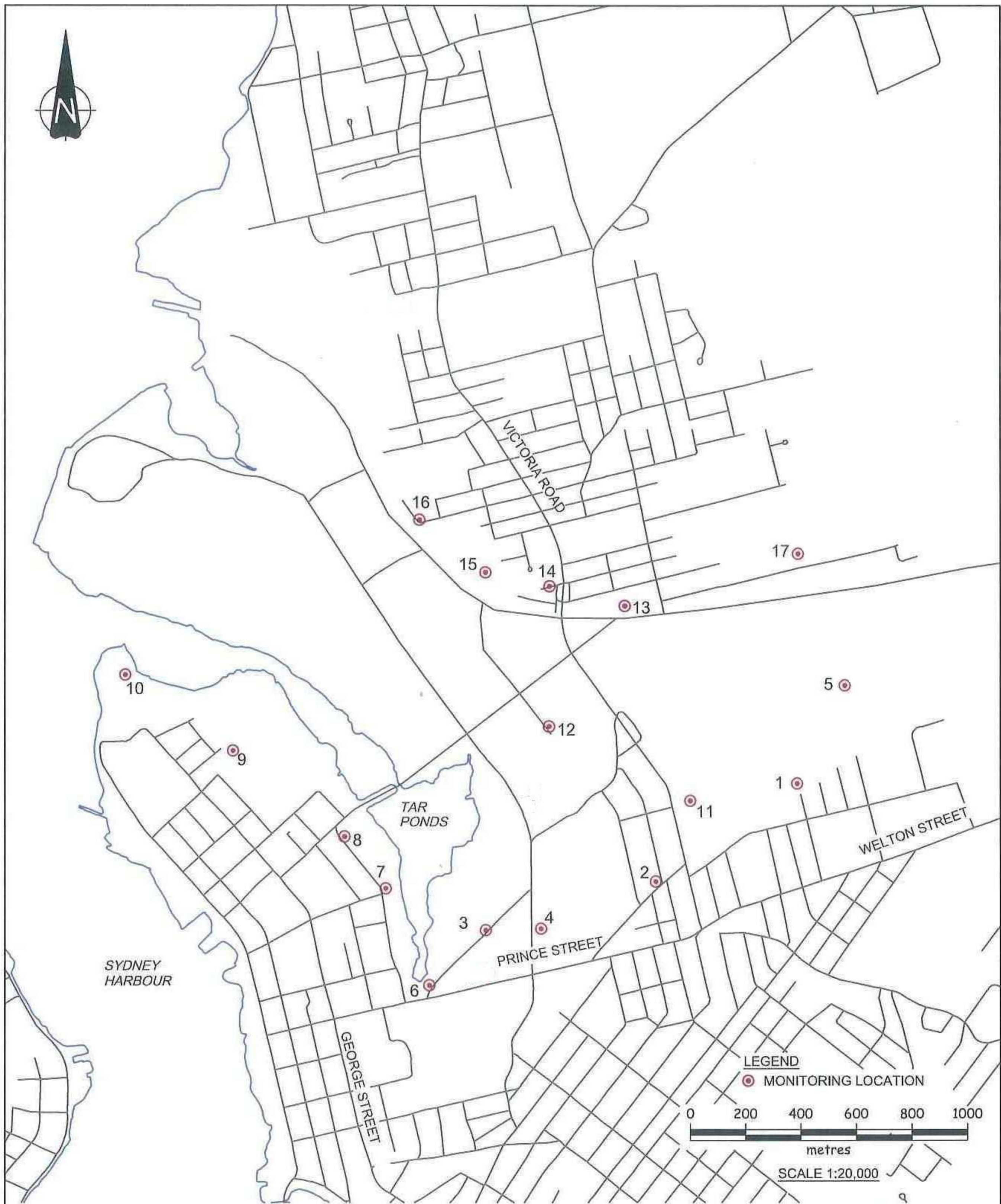


Figure 1

Community Odour Monitoring Circuit
 Sydney Tar Ponds and Coke Ovens Cleanup
Sydney, Nova Scotia



**Table 1 - Odour Monitoring Circuit
Air Monitoring Plan - Odour (AMPO)**

Location No.	Description	Latitude (Degrees (°) Minutes (') Seconds (")	Longitude (Degrees (°) Minutes (') Seconds (")
01	Forrest St.	N46° 8' 48.18"	W60° 10' 4.50"
02	FAST Furniture	N46° 8' 30.76"	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	Near Coke Oven Security Trailer	N46° 8' 55.56"	W60° 10' 7.74"
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	Fredrick St.	N46° 9' 10.26"	W60° 10' 12.12"

Odor Descriptors

