



MEMORANDUM

To: Jerome MacNeil; Donnie Burke; Geoff Verner; Ellen Gushue; Barbara Mattie
From: Peter Weaver
Date: December 11, 2012
Subject: Odour Monitoring Daily Report; December 10, 2012

Weather Conditions	Mostly Cloudy
Precipitation	None/Snow in the afternoon
Wind Direction	North/North West
Wind Speed	Moderate Winds (8 - 25 km/h)
Temperature	-1 °C - -2 °C

Four rounds of monitoring were conducted today with no quantifiable site-related odours detected.

Please find attached:

- Odour Monitoring Data Sheets for December 10, 2012
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: December 10, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:03	3								X		
7:13	6								X		
7:25	7								X		
7:30	8								X		
7:35	9								X		
7:40	10							X		515	Not site related – other activity in the area
7:50	12								X		
7:56	17								X		
8:02	13								X		
8:07	14								X		
8:12	15								X		
8:17	16								X		
8:29	5								X		
8:47	1								X		
8:53	11								X		
9:03	2								X		
9:08	4								X		

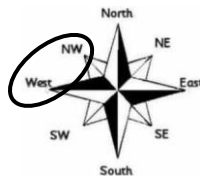
Weather Conditions

- 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: ____-2____ °C

Relative Humidity: ____72____%

Barometric Pressure: ____102.40____ kpa

Notes:

Date Signed: December 10, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: December 10, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:35	3								X		
9:42	6								X		
9:50	7								X		
9:55	8								X		
10:00	9								X		
10:05	10							X		515	Not site related – other activity in the area
10:24	12								X		
10:31	17								X		
10:37	13								X		
10:42	14								X		
10:47	15								X		
10:52	16								X		
11:05	5								X		
11:11	1								X		
11:17	11								X		
11:24	2								X		
11:29	4								X		

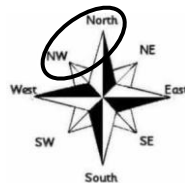
Weather Conditions

- 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: ____ -2 ____ °C

Relative Humidity: ____ 69 ____ %

Barometric Pressure: ____ 102.54 ____ kpa

Notes:

Date Signed: December 10, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: December 10, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
11:35	3								X		
11:41	6								X		
11:51	7								X		
11:56	8								X		
12:01	9								X		
12:06	10								X		
12:46	12								X		
12:52	17								X		
12:58	13								X		
1:04	14								X		
1:09	15								X		
1:14	16								X		
1:25	5								X		
1:36	1								X		
1:43	11								X		
1:48	2								X		
1:53	4								X		

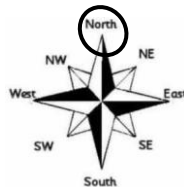
Weather Conditions

- 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: ____ -1 ____ °C

Relative Humidity: ____ 67 ____ %

Barometric Pressure: ____ 102.47 ____ kpa

Notes:

Date Signed: December 10, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: December 10, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
2:25	3								X		
2:31	6								X		
2:39	7								X		
2:44	8								X		
2:49	9								X		
2:58	10								X		
3:07	12								X		
3:14	17								X		
3:20	13								X		
3:25	14								X		
3:30	15								X		
3:35	16								X		
3:53	5								X		
3:59	1								X		
4:05	11								X		
4:11	2								X		
4:16	4								X		

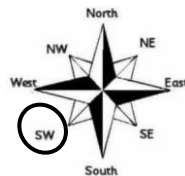
Weather Conditions

- 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: ____ -1 ____ °C

Relative Humidity: ____ 69 ____ %

Barometric Pressure: ____ 102.37 ____ kpa

Notes:

Date Signed: December 10, 2012

Name: Denise Walker

Signature: Denise Walker

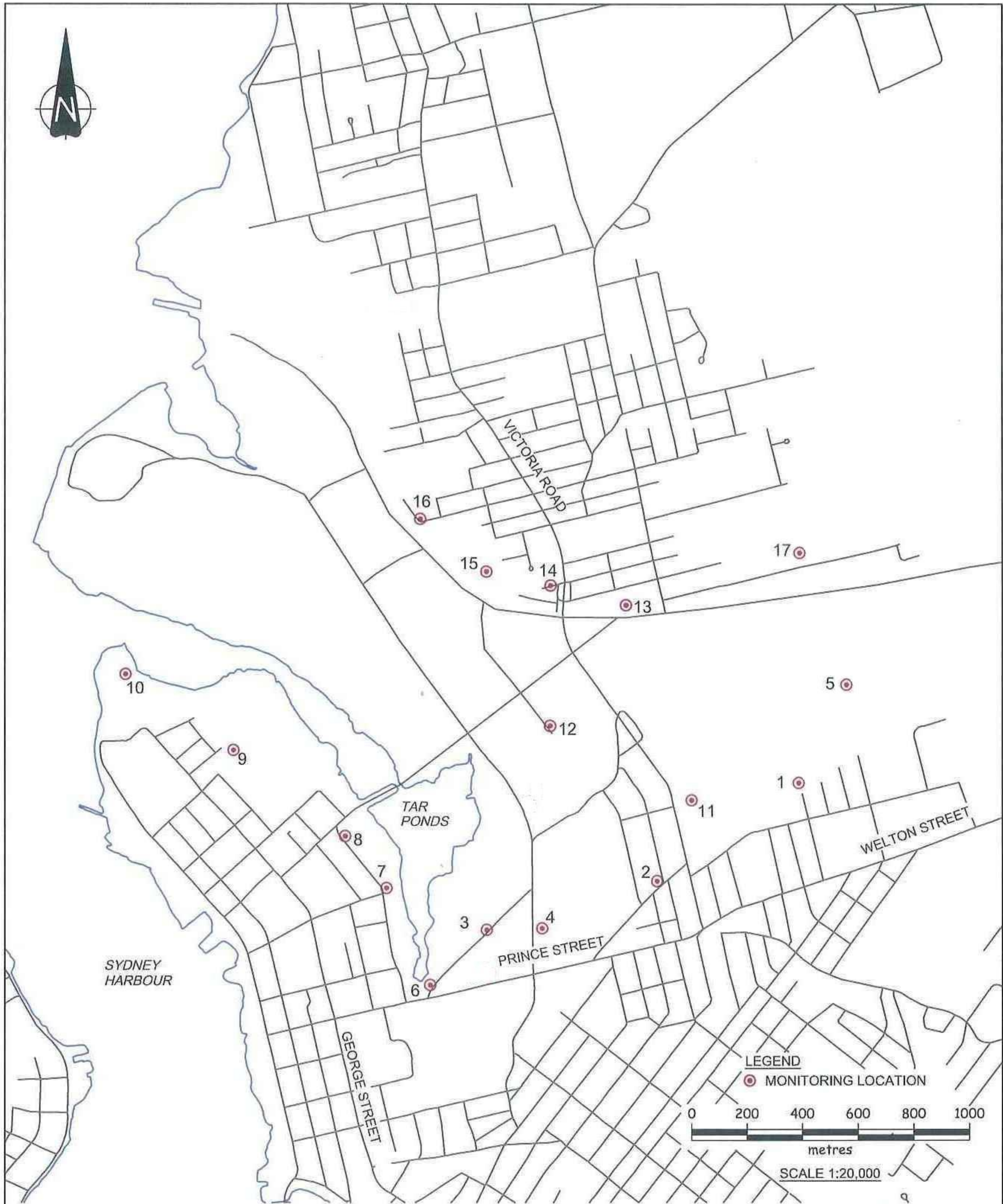


Figure 1

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

