



MEMORANDUM

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

From: Peter Weaver

Date: January 15, 2013

Subject: Odour Monitoring Daily Report; January 12, 2013

Weather Conditions	Overcast
Precipitation	None
Wind Direction	South/South West
Wind Speed	Moderate Winds (8 - 25 km/h)
Temperature	2 °C - -7 °C

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

Please find attached:

- Odour Monitoring Data Sheets for January 12, 2013
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: January 12, 2013

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:03	3								X		
7:14	6								X		
7:19	7								X		
7:24	8								X		
7:29	9								X		
7:34	10								X		
7:44	12								X		
7:50	17								X		
7:56	13								X		
8:01	14								X		
8:06	15								X		
8:12	16								X		
8:23	5								X		
8:28	1								X		
8:34	11								X		
8:39	2								X		
8:44	4								X		

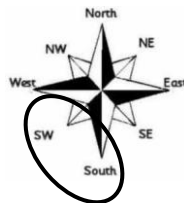
Weather Conditions

- 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: 99 %

Barometric Pressure: 101.59 kpa

Notes:

Date Signed: January 12, 2013

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: January 12, 2013

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:15	3								X		
9:30	6								X		
9:40	7								X		
9:45	8								X		
9:50	9								X		
9:54	10							X		713	Not site related – other activity in the area
10:06	12								X		
10:13	17								X		
10:17	13								X		
10:27	14								X		
10:32	15								X		
10:39	16								X		
10:52	5								X		
10:59	1								X		
11:05	11								X		
11:17	2								X		
11:28	4								X		

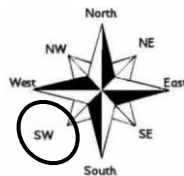
Weather Conditions

- 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: ____100____ %

Barometric Pressure: ____101.50____ kpa

Notes:

Date Signed: January 12, 2013

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: January 12, 2013

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
12:35	3								X		
12:41	6								X		
12:46	7								X		
12:51	8								X		
12:56	9								X		
1:02	10								X		
1:12	12								X		
1:18	17								X		
1:26	13								X		
1:31	14								X		
1:36	15								X		
1:42	16								X		
1:53	5								X		
2:24	1								X		
2:30	11								X		
2:35	2								X		
2:40	4								X		

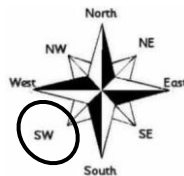
Weather Conditions

- Mostly Sunny
- Partly Cloudy
- Mostly Cloudy
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- 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: ____4____ °C

Relative Humidity: ____97____ %

Barometric Pressure: ____101.29____ kpa

Notes:

Date Signed: January 12, 2013

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: January 12, 2013

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
3:10	3								X		
3:16	6								X		
3:21	7								X		
3:26	8								X		
3:31	9								X		
3:36	10								X		
3:47	12								X		
3:53	17								X		
3:59	13								X		
4:08	14								X		
4:13	15								X		
4:18	16								X		
4:238	5								X		
4:34	1								X		
4:40	11								X		
4:45	2								X		
4:50	4								X		

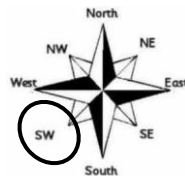
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- Mostly Sunny
- Partly Cloudy
- Mostly Cloudy
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- Hazy

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: ____97____ %

Barometric Pressure: ____101.01____ kpa

Notes:

Date Signed: January 12, 2013

Name: Denise Walker

Signature: Denise Walker

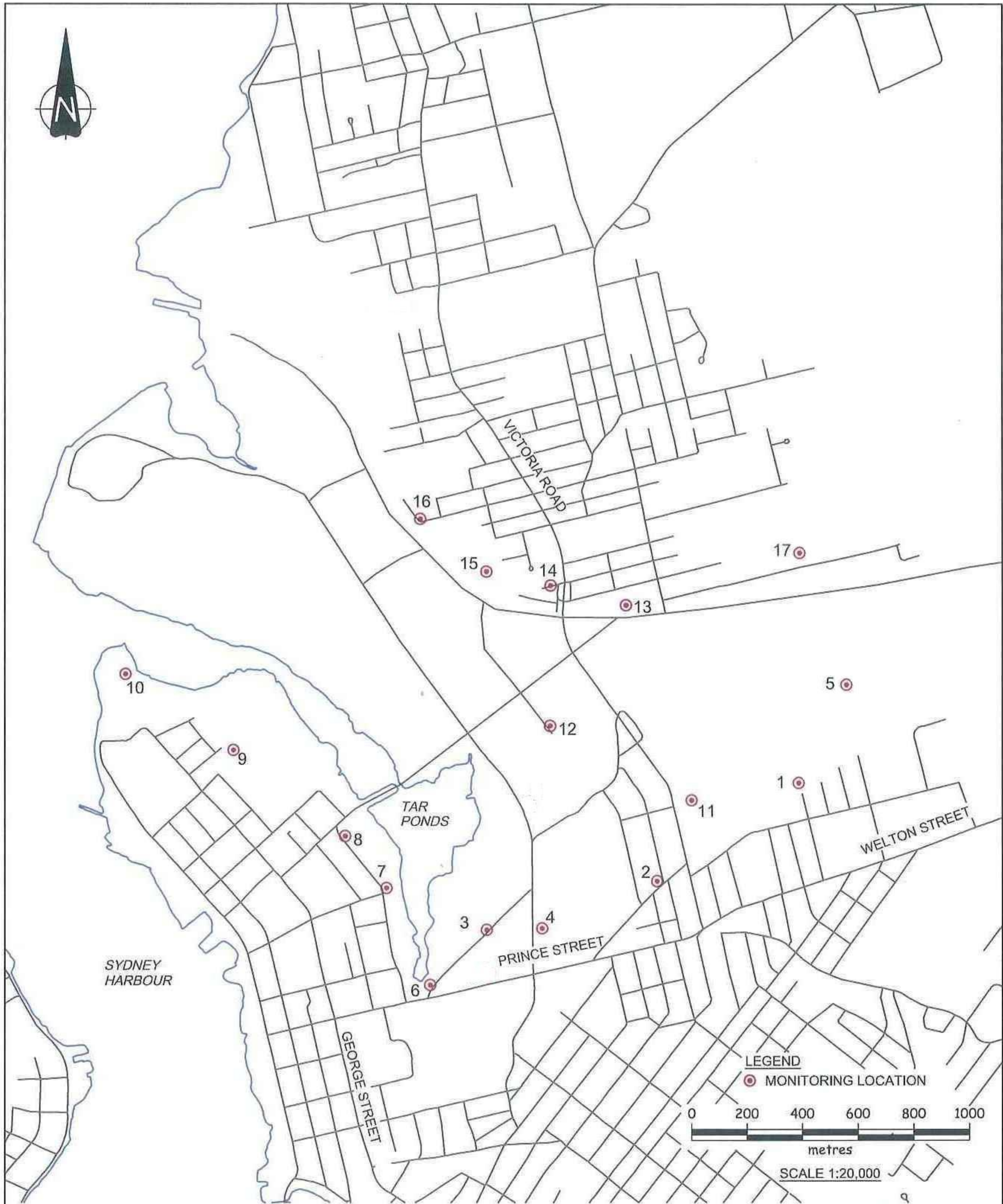


Figure 1

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

