



## MEMORANDUM

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

**From:** Dawn MacNeil

**Date:** May 1, 2012

**Subject:** Odour Monitoring Daily Report; April 30, 2012

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<b>Weather Conditions</b>	Mostly Cloudy
<b>Precipitation</b>	None
<b>Wind Direction</b>	North West
<b>Wind Speed</b>	Moderate Winds (8 - 25 km/h)
<b>Temperature</b>	-1 °C - 4 °C

Four and one half rounds of monitoring were conducted today with no quantifiable site-related odours detected greater than <2.

Please find attached:

- Odour Monitoring Data Sheets for April 30, 2012
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: April 30, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:03	5								X		
7:08	1								X		
7:16	11								X		
7:21	2								X		
7:26	4								X		
7:31	3								X		
7:36	6								X		
7:41	7								X		
7:47	8								X		
7:52	9								X		
7:58	10								X		
8:21	12								X		
8:30	17								X		
8:37	13								X		
8:42	14								X		
8:48	15								X		
8:54	16								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: 87 %

Barometric Pressure: 104.6 kpa

Notes:

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Date Signed: April 30, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: April 30, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:14	5								X		
9:19	1								X		
9:25	11								X		
9:31	2								X		
9:36	4								X		
9:42	3								X		
9:46	6								X		
9:51	7							X		514	Sewer or septic
9:56	8								X		
10:01	9								X		
10:07	10							X		514	Water Treatment high odour
10:30	12								X		
10:36	17								X		
10:42	13								X		
10:48	14								X		
10:53	15								X		
10:58	16								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: 61 %

Barometric Pressure: 101.7 kpa

Notes:

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Date Signed: April 30, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: April 30, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
11:26	5								X		
11:31	1								X		
11:37	11								X		
11:51	2								X		
11:56	4								X		
12:31	3								X		
12:36	6								X		
12:42	7								X		
12:48	8								X		
12:53	9								X		
1:00	10								X		
1:10	12								X		
1:16	17								X		
1:22	13								X		
1:28	14								X		
1:35	15								X		
1:41	16								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:   55   %

Barometric Pressure:  107.78  kpa

Notes:

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Date Signed: April 30, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: April 30, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
1:51	5								X		
1:57	1								X		
2:04	11								X		
2:10	2								X		
2:16	4								X		
2:22	3								X		
2:28	6								X		
2:34	7								X		
2:39	8							X		414	Non site related (Garbage can fire)
2:46	9								X		
2:59	10							X			Slight site odour
3:15	12								X		
3:23	17								X		
3:28	13								X		
3:34	14								X		
3:40	15								X		
3:45	16								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:   54   %      Barometric Pressure:   100.85   kpa

Notes: \_\_\_\_\_  
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Date Signed: April 30, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: April 30, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
4:03	5								X		
4:08	1								X		
4:14	11								X		
4:20	2								X		
4:26	4								X		
4:30	3							X			Slight site odour
4:35	6							X		515	Slight site odour
4:41	7							X		515	Slight site odour
4:47	8								X		
4:53	9							X			Slight site odour
5:00	10							X			Slight site odour

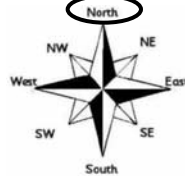
Weather Conditions

- 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: 4 °C    Relative Humidity: 43 %    Barometric Pressure: 101.85 kpa

Notes: \_\_\_\_\_  
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Date Signed: April 30, 2012    Name: Denise Walker    Signature: Denise Walker

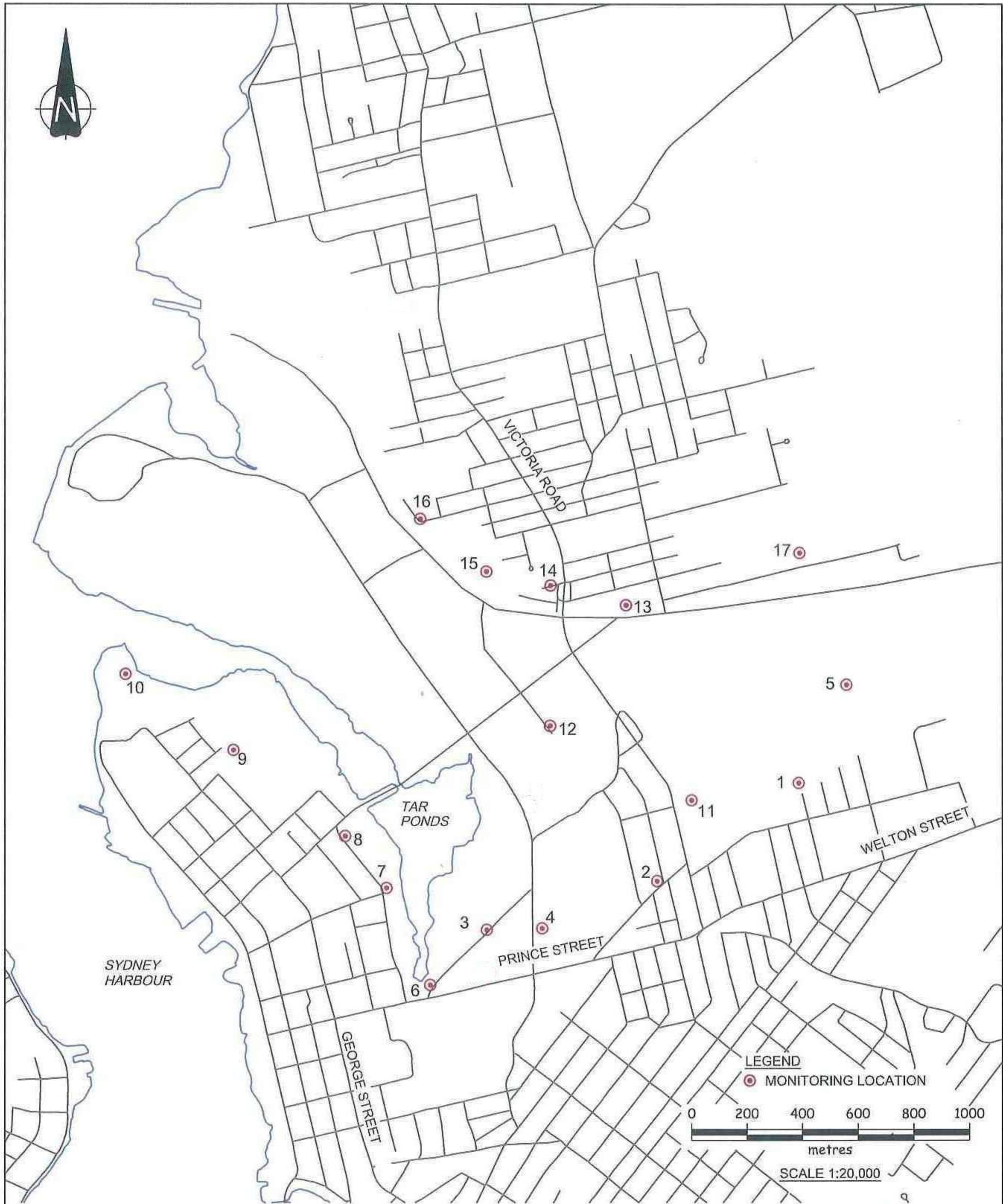


Figure 1

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



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

<b>Location No.</b>	<b>Description</b>	<b>Latitude (Degrees (°) Minutes (') Seconds ("))</b>	<b>Longitude (Degrees (°) Minutes (') Seconds ("))</b>
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

