



## MEMORANDUM

**To:** Dawn MacNeil  
**CC:** Jerome MacNeil; Donnie Burke; Geoff Verner; Ellen Gushue; Peter Weaver; Barbara Mattie  
**From:** Kathleen Whelan  
**Date:** August 19, 2011  
**Subject:** Odour Monitoring Daily Report; August 19, 2011

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<b>Weather Conditions</b>	Overcast in the morning, sunny afternoon
<b>Precipitation</b>	None
<b>Wind Direction</b>	South West / South
<b>Wind Speed</b>	Varied between 11 - 19 km/h
<b>Temperature</b>	15 C - 25 C

Four and a 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 August 19, 2011
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: August 19, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:35	11								X		
7:42	12								X		
7:49	18								X		*See note
7:54	13								X		
7:59	14								X		
8:04	15								X		
8:09	16								X		
8:16	17								X		
8:23	1								X		
8:28	3								X		
8:34	4								X		
8:38	5								X		
8:43	6								X		
8:50	7								X		
8:55	8								X		
8:59	9								X		
9:05	10								X		
9:15	2								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: 15 °C    Relative Humidity: 100 %    Barometric Pressure: 101.45 kPa

**Notes:** Location #18 is a new location added to check odour from Coke Ovens site. Location will be about 500m east of  
Ferry St/Lingan Rd intersection.

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Date Signed: August 19, 2011

Name: Kathleen Whelan

Signature: Kathleen Whelan



ODOUR MONITORING DATA SHEET

DATE: August 19, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:22	11								X		
9:28	12								X		
9:35	18								X		*See note
9:42	13								X		
9:46	14								X		
9:50	15								X		
9:55	16								X		
10:04	17								X		
10:14	1								X		
10:20	3								X		
10:26	4								X		
10:31	5								X		
10:36	6								X		
10:41	7								X		
10:45	8								X		
10:50	9								X		
10:55	10								X		
11:11	2								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: 16 °C    Relative Humidity: 100 %    Barometric Pressure: 101.50 kPa

**Notes:** Location #18 is a new location added to check odour from Coke Ovens site. Location will be about 500m east of Ferry St/Lingan Rd intersection.

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ODOUR MONITORING DATA SHEET

DATE: August 19, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
11:25	11								X		
11:38	12								X		
11:50	18								X		*See note
1:15	13								X		
1:21	14							X		505,506	WWTP
1:26	15								X		
1:30	16								X		
1:38	17							X		406	Freshly mowed lawn
1:46	1							X		212	Slight bio-solve odour
1:50	3								X		
1:55	4								X		
1:59	5								X		
2:05	6								X		
2:10	7								X		
2:14	8								X		
2:20	9								X		
2:25	10								X		
2:38	2								X		

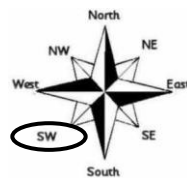
Weather Conditions

- 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: 18 °C    Relative Humidity: 88 %    Barometric Pressure: 101.56 kPa

**Notes:** Location #18 is a new location added to check odour from Coke Ovens site. Location will be about 500m east of Ferry St/Lingan Rd intersection.

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ODOUR MONITORING DATA SHEET

DATE: August 19, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
2:45	11								X		
2:52	12								X		
3:00	18								X		*See note
3:06	13								X		
3:11	14							X		712,506	WWTP/slight site odour
3:15	15								X		
3:19	16								X		
3:25	17							X		406,100	Freshly mowed lawn
3:41	1								X		
3:47	3								X		
3:52	4								X		
3:57	5								X		
4:02	6								X		
4:06	7								X		
4:11	8								X		
4:17	9								X		
4:22	10								X		
4:30	2								X		

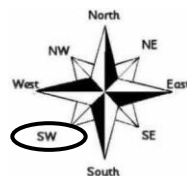
Weather Conditions

- 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: 73 %    Barometric Pressure: 101.50 kPa

Notes: Location #18 is a new location added to check odour from Coke Ovens site. Location will be about 500m east of Ferry St/Lingan Rd intersection.

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ODOUR MONITORING DATA SHEET

DATE: August 19, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
4:40	11								X		
4:47	12								X		
4:54	18							X		712	*See note/slight site odour
5:00	13								X		
5:05	14								X		
5:09	15								X		
5:14	16								X		
5:19	17								X		
5:26	1								X		

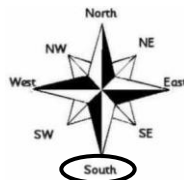
Weather Conditions

- 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: 25 °C    Relative Humidity: 65 %    Barometric Pressure: 101.44 kPa

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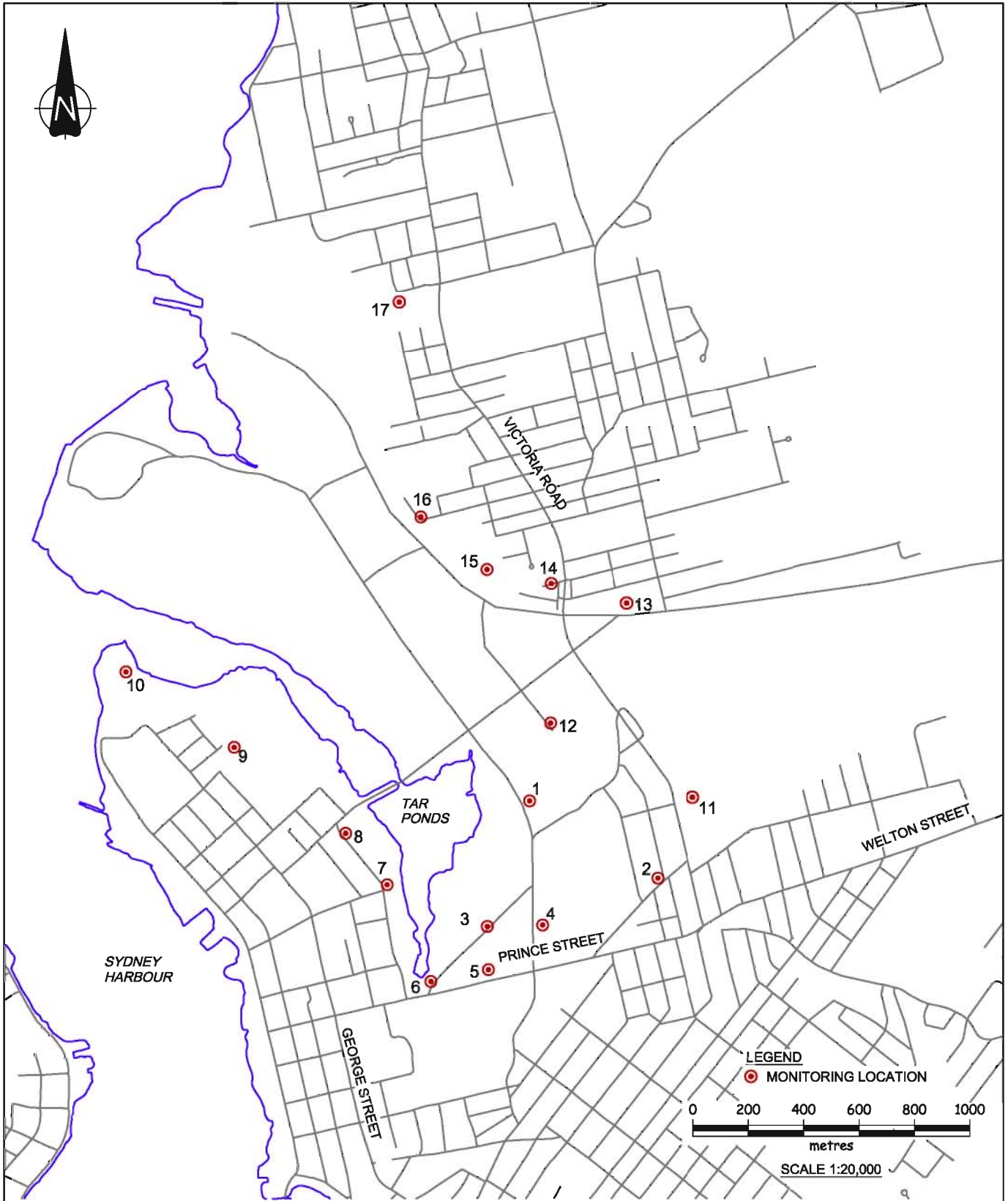


Figure 1

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



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

