



MEMORANDUM

To: Dawn MacNeil
CC: Jerome MacNeil; Donnie Burke; Geoff Verner; Ellen Gushue; Peter Weaver; Barbara Mattie
From: Kathleen Whelan
Date: August 26, 2011
Subject: Odour Monitoring Daily Report; August 25, 2011

Weather Conditions	Mostly sunny
Precipitation	None
Wind Direction	South / South West
Wind Speed	Varied between 11 - 26 km/h
Temperature	15 C - 24 C

Four 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 25, 2011
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: August 25, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:36	11								X		
7:42	12								X		
7:47	13								X		
7:52	14								X		
7:57	15								X		
8:01	16								X		
8:08	17								X		
8:16	1								X		
8:21	3								X		
8:26	4								X		
8:30	5								X		
8:35	6								X		
8:40	7								X		
8:44	8								X		
8:49	9								X		
8:55	10								X		
9:11	2								X		

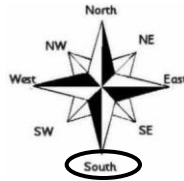
Weather Conditions

- 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: 15 °C Relative Humidity: 100 %

Barometric Pressure: 102.13 kPa

Notes:

Kathleen Whelan

Date Signed: August 25, 2011

Name: Kathleen Whelan

Signature: _____



ODOUR MONITORING DATA SHEET

DATE: August 25, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
10:03	11								X		
10:10	12								X		
10:15	13								X		
10:20	14								X		
10:25	15							X		712,722	Slight site odour
10:29	16								X		
10:34	17								X		
10:42	1								X		
10:47	3								X		
10:52	4								X		
10:57	5								X		
11:02	6								X		
11:07	7								X		
11:12	8							X		414	resident burning in yard
11:17	9							X		713	Equipment from foundation work
11:23	10								X		
11:37	2								X		

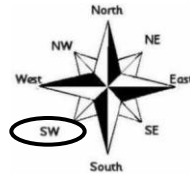
Weather Conditions

- 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: 19 °C Relative Humidity: 73 %

Barometric Pressure: 102.13 kPa

Notes:

Kathleen Whelan

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ODOUR MONITORING DATA SHEET

DATE: August 25, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
11:45	11								X		
11:51	12								X		
1:22	13								X		
1:27	14								X		
1:32	15							X		712,722	Slight site odour
1:37	16								X		
1:42	17								X		
1:49	1								X		
1:54	3								X		
1:59	4								X		
2:07	5								X		
2:12	6								X		
2:17	7								X		
2:22	8								X		
2:27	9							X		708,713	New foundation being dug at nearby residence
2:33	10								X		
2:44	2								X		

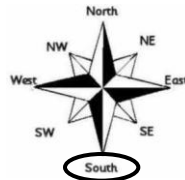
Weather Conditions

- 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: 22 °C Relative Humidity: 73 %

Barometric Pressure: 102.08 kPa

Notes:

Kathleen Whelan

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ODOUR MONITORING DATA SHEET

DATE: August 25, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
2:51	11								X		
3:00	12								X		
3:06	13								X		
3:40	14							X		712,722,506	Slight site odour / WWTP
3:45	15							X		712,722,506	Slight site odour / WWTP
3:50	16								X		
4:00	17								X		
4:31	1								X		
4:36	3								X		
4:42	4								X		
4:47	5								X		
4:52	6								X		
4:56	7							X		414	Unknown source, not site related
5:01	8								X		
5:06	9								X		
5:12	10								X		
5:23	2								X		

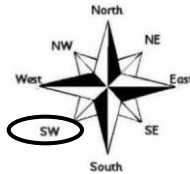
Weather Conditions

- 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: 24 °C Relative Humidity: 61 %

Barometric Pressure: 101.87 kPa

Notes:

Kathleen Whelan

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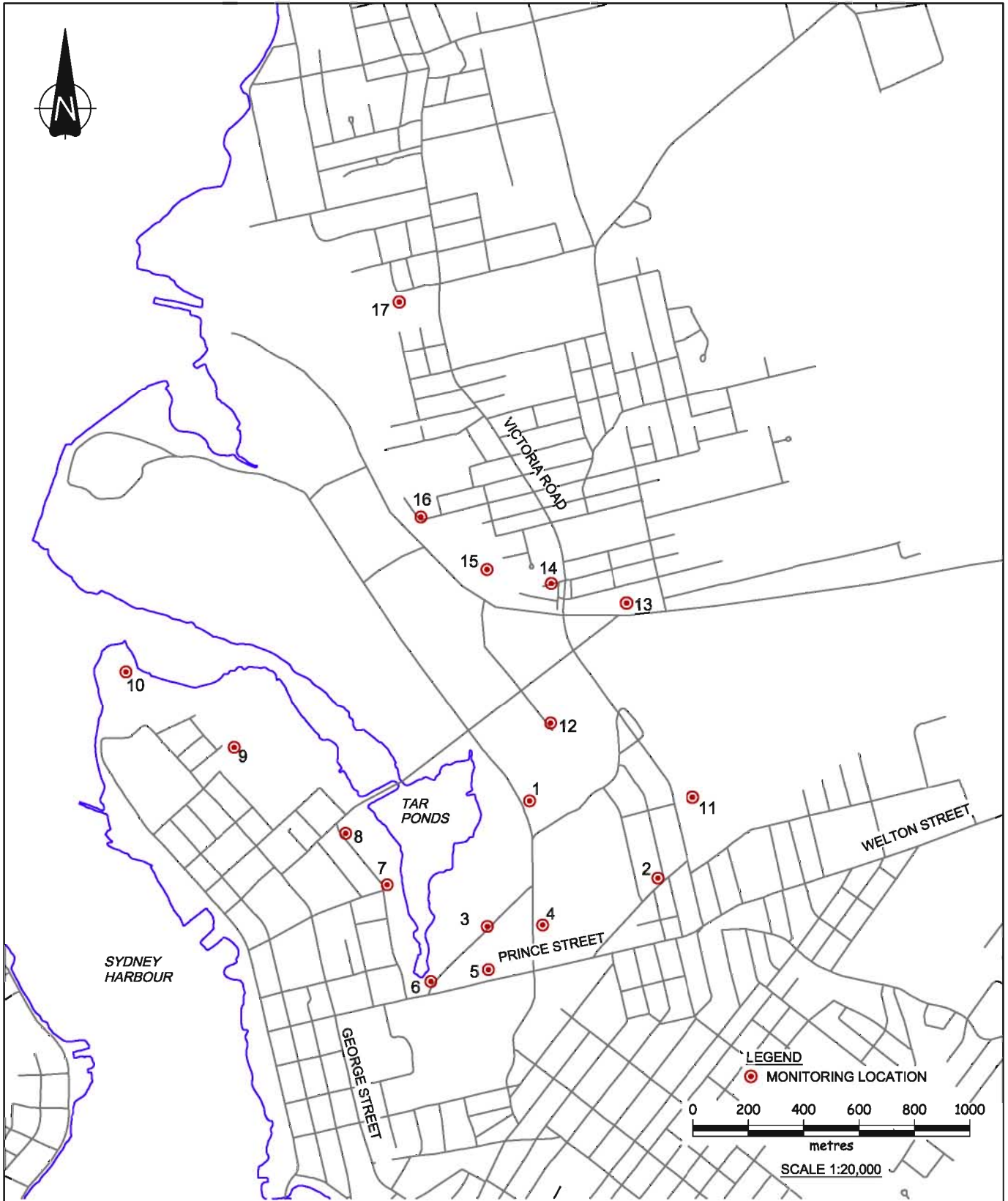


Figure 1

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



Location No.	Description	Latitude (Degrees (°) Minutes (') Seconds (")	Longitude (Degrees (°) Minutes (') Seconds (")
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

