



MEMORANDUM

To: Dawn MacNeil

CC: Jerome MacNeil; Donnie Burke; Geoff Verner; Ellen Gushue; Peter Weaver; Barb Mattie

From: Kathleen Whelan

Date: August 30, 2011

Subject: Odour Monitoring Daily Report; August 30, 2011

Weather Conditions	Sunny in the morning, clouding over afternoon
Precipitation	None
Wind Direction	South / South West / West
Wind Speed	Varied between 7 - 15 km/h
Temperature	14 C - 22 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 30, 2011
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: August 30, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:30	11								X		
7:39	12								X		
7:45	13								X		
7:50	14								X		
7:55	15								X		
8:00	16							X		722,712	Slight site odour
8:09	17							X		406	Lawn being mowed
8:17	1								X		
8:22	3								X		
8:27	4								X		
8:32	5								X		
8:37	6								X		
8:42	7								X		
8:48	8								X		
8:53	9								X		
8:58	10								X		
9:08	2								X		

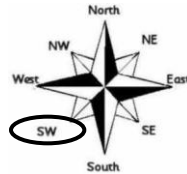
Weather Conditions

- 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: 14 °C Relative Humidity: 94 %

Barometric Pressure: 101.76 kPa

Notes: _____

Date Signed: August 30, 2011

Name: Kathleen Whelan

Signature: Kathleen Whelan



ODOUR MONITORING DATA SHEET

DATE: August 30, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:22	11							X			Not site related (Food)
10:07	12								X		
10:15	13								X		
10:20	14								X		
10:25	15								X		
10:29	16							X		722,712	Slight site odour
10:34	17								X		
10:41	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	Not site related (Fire)
11:17	9								X		
11:21	10								X		
11:30	2								X		

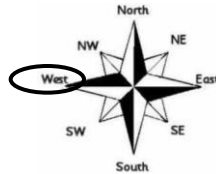
Weather Conditions

- 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: 19 °C Relative Humidity: 73 %

Barometric Pressure: 101.86 kPa

Notes: _____

Date Signed: August 30, 2011

Name: Kathleen Whelan

Signature: Kathleen Whelan



ODOUR MONITORING DATA SHEET

DATE: August 30, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
11:36	11								X		
11:43	12							X		722,712	Slight site odour
11:50	13								X		
1:26	14							X		506	Not site related (Garbage)
1:32	15								X		
1:37	16								X		
1:42	17								X		
1:53	1								X		
1:58	3								X		
2:03	4								X		
2:08	5								X		
2:13	6								X		
2:18	7								X		
2:23	8								X		
2:29	9								X		
2:34	10								X		
2:43	2								X		

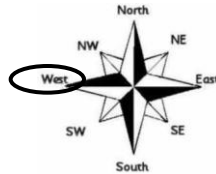
Weather Conditions

- 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: 57 %

Barometric Pressure: 101.90 kPa

Notes: _____

Date Signed: August 30, 2011

Name: Kathleen Whelan

Signature: Kathleen Whelan



ODOUR MONITORING DATA SHEET

DATE: August 30, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
2:49	11								X		
2:56	12								X		
3:03	13								X		
3:08	14								X		
3:15	15								X		
3:20	16								X		
3:25	17								X		
3:33	1								X		
3:40	3								X		
3:45	4								X		
3:52	5								X		
3:57	6								X		
4:02	7								X		
4:07	8								X		
4:13	9								X		
4:18	10								X		
4:31	2								X		

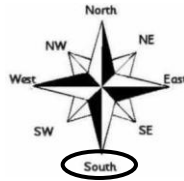
Weather Conditions

- 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: 57 %

Barometric Pressure: 101.84 kPa

Notes:

Kathleen Whelan

Date Signed: August 30, 2011

Name: Kathleen Whelan

Signature: _____



ODOUR MONITORING DATA SHEET

DATE: August 30, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
4:45	11								X		
4:53	12								X		
4:59	13								X		
5:05	14								X		
5:10	15								X		
5:15	16								X		
5:22	17								X		

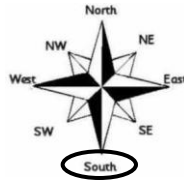
Weather Conditions

- 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: 65 % Barometric Pressure: 101.77 kPa

Notes: _____

Date Signed: August 30, 2011 Name: Kathleen Whelan Signature: Kathleen Whelan

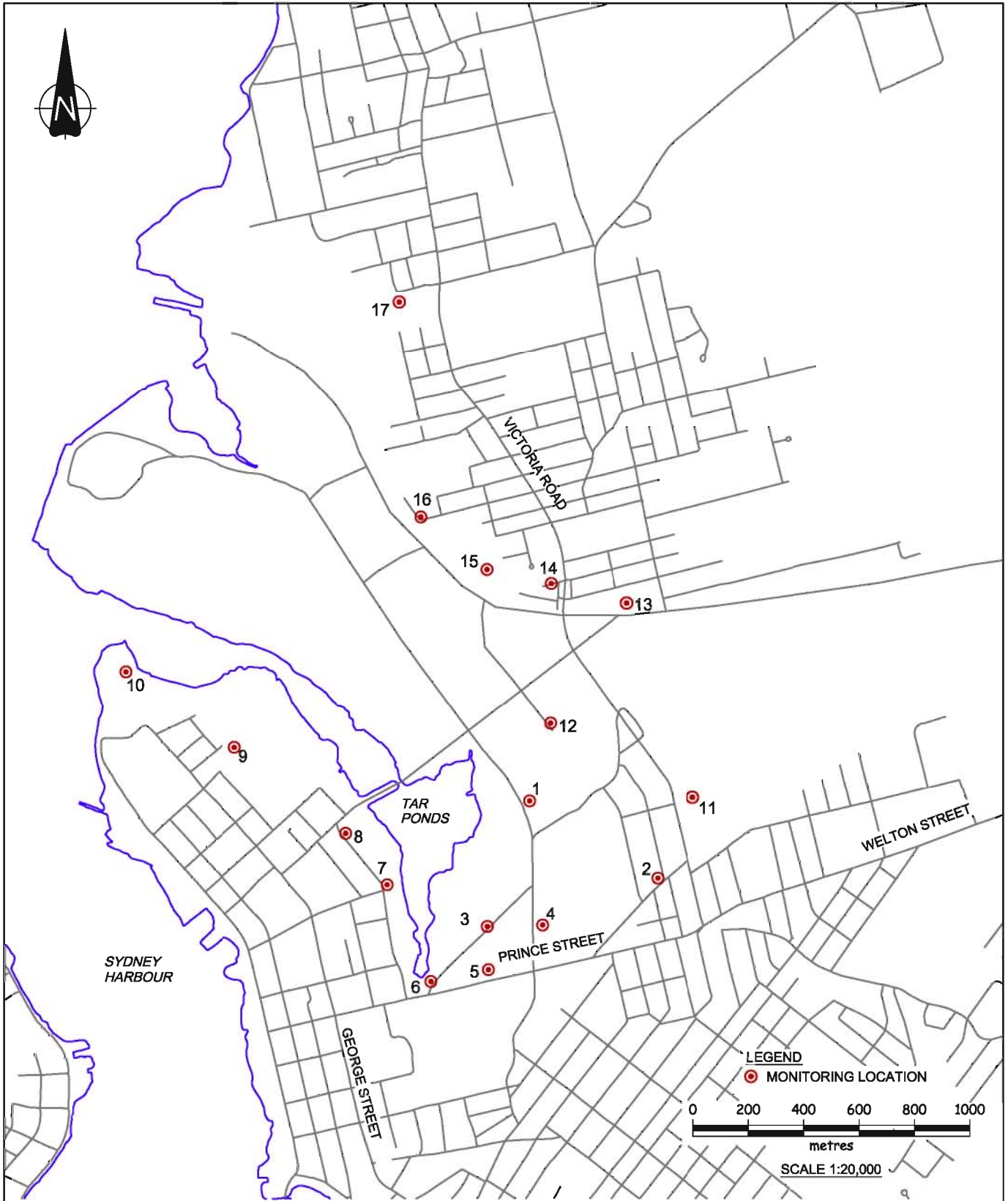


Figure 1

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

