



MEMORANDUM

To: Dawn MacNeil

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

From: Kathleen Whelan

Date: August 31, 2011

Subject: Odour Monitoring Daily Report; August 31, 2011

Weather Conditions	Sunny
Precipitation	None
Wind Direction	South West / West
Wind Speed	Varied between 9 – 20 km/h
Temperature	15 C - 24 C

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

Please find attached:

- Odour Monitoring Data Sheets for August 31, 2011
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: August 31, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:27	11								X		
7:35	12								X		
7:40	13								X		
7:45	14								X		
7:50	15								X		
7:55	16								X		
8:00	17								X		
8:09	1								X		
8:14	3								X		
8:19	4								X		
8:24	5								X		
8:29	6								X		
8:35	7								X		
8:40	8								X		
8:45	9								X		
8:51	10								X		
9:10	2								X		

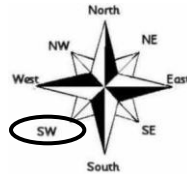
Weather Conditions

- 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: 94 %

Barometric Pressure: 101.79 kPa

Notes:

Date Signed: August 31, 2011

Name: Kathleen Whelan

Signature: Kathleen Whelan



ODOUR MONITORING DATA SHEET

DATE: August 31, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:15	11								X		
9:40	12								X		
9:45	13								X		
9:50	14								X		
9:55	15								X		
10:00	16								X		
10:11	17								X		
10:19	1								X		
10:24	3								X		
10:29	4								X		
10:34	5								X		
10:39	6								X		
10:44	7								X		
10:49	8								X		
10:54	9								X		
10:59	10								X		
11:10	2								X		

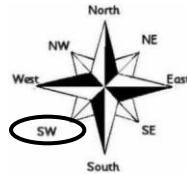
Weather Conditions

- 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: 17 °C Relative Humidity: 88 %

Barometric Pressure: 101.80 kPa

Notes:

Kathleen Whelan

Date Signed: August 31, 2011

Name: Kathleen Whelan

Signature: _____



ODOUR MONITORING DATA SHEET

DATE: August 31, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
11:15	11								X		
11:22	12								X		
11:27	13								X		
11:32	14								X		
11:37	15								X		
11:42	16								X		
11:49	17								X		
1:12	1								X		
1:19	3								X		
1:27	4								X		
1:32	5								X		
1:36	6								X		
1:46	7								X		
1:50	8								X		
1:55	9								X		
2:00	10							X		505,515	WWTP
2:11	2								X		

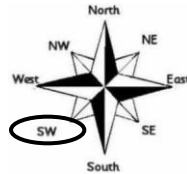
Weather Conditions

- 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: 20 °C Relative Humidity: 73 %

Barometric Pressure: 101.82 kPa

Notes:

Kathleen Whelan

Date Signed: August 31, 2011

Name: Kathleen Whelan

Signature: _____



ODOUR MONITORING DATA SHEET

DATE: August 31, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
2:17	11							X		712	Slight site odour
2:25	12								X		
2:30	13								X		
2:35	14								X		
2:40	15								X		
2:45	16								X		
2:53	17								X		
3:32	1							X		712	Slight site odour
3:52	3								X		
3:57	4								X		
4:02	5								X		
4:07	6								X		
4:12	7								X		
4:17	8								X		
4:22	9								X		
4:27	10							X		505,515	WWTP
4:39	2								X		

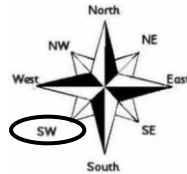
Weather Conditions

- 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: 50 %

Barometric Pressure: 101.73 kPa

Notes:

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Signature: Kathleen Whelan



ODOUR MONITORING DATA SHEET

DATE: August 31, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
4:45	11							X		712	Slight site odour
4:53	12								X		
4:57	13								X		
5:02	14								X		
5:07	15								X		
5:12	16								X		
5:20	17								X		
5:27	1							X		712	Slight site odour

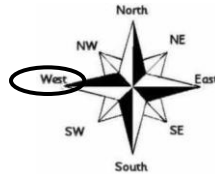
Weather Conditions

- 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: 24 °C Relative Humidity: 50 % Barometric Pressure: 101.75 kPa

Notes: _____

Date Signed: August 31, 2011 Name: Kathleen Whelan Signature: Kathleen Whelan

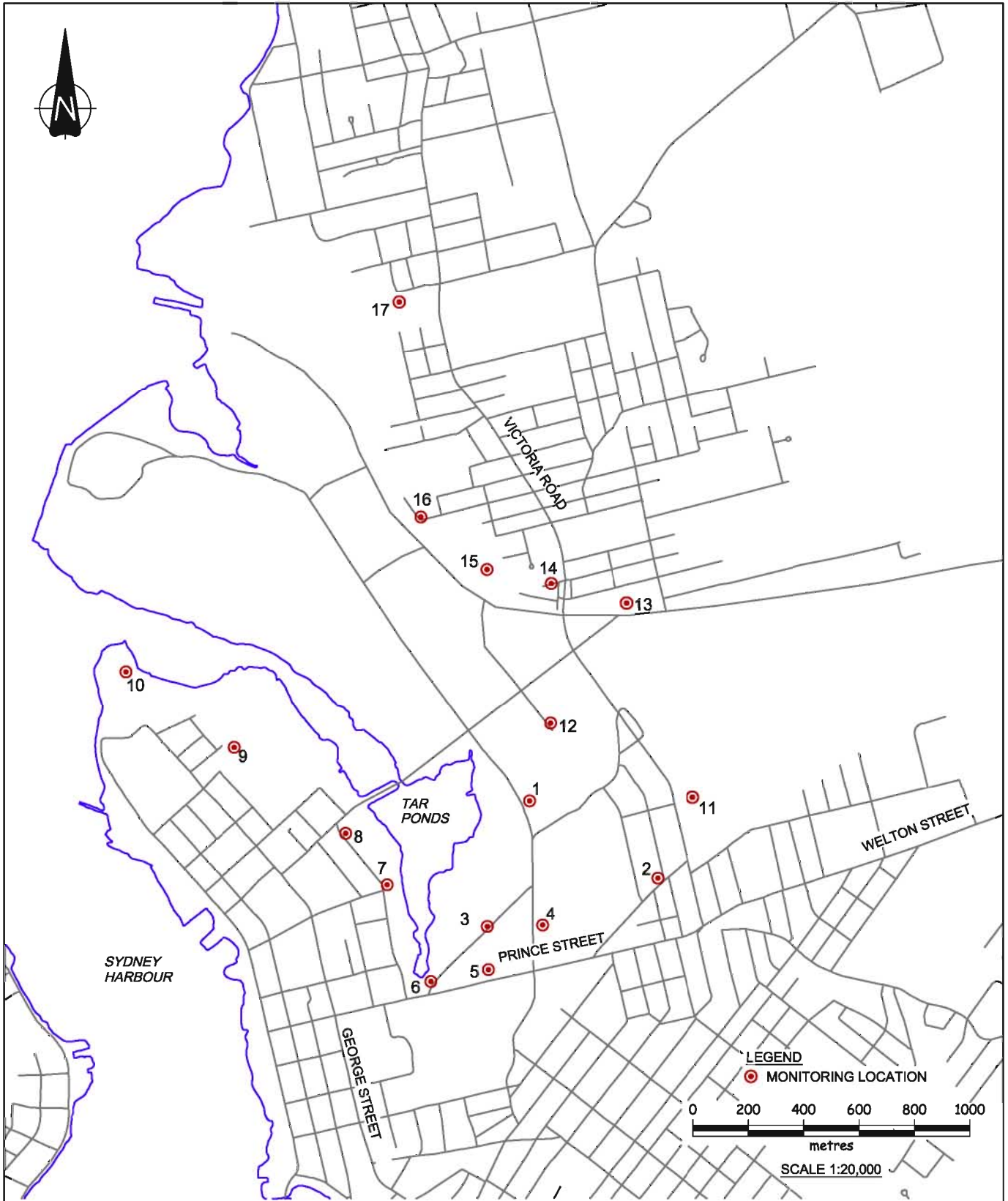


Figure 1

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

