



MEMORANDUM

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

From: Dawn MacNeil

Date: September 15, 2011

Subject: Odour Monitoring Daily Report; September 13, 2011

Weather Conditions	Partly Cloudy
Precipitation	none
Wind Direction	East/South East
Wind Speed	Varied between 0 – 13 km/h
Temperature	11-20 C

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

Please find attached:

- Odour Monitoring Data Sheets for September 13, 2011
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: September 13, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:02	1								X		
7:09	2								X		
7:14	3								X		
7:20	4								X		
7:25	5								X		
7:31	6								X		
7:36	7								X		
7:42	8								X		
7:48	9								X		
7:54	10								X		
8:03	11								X		
8:11	12								X		
8:17	13								X		
8:25	14								X		
8:31	15								X		
8:37	16								X		
8:44	17								X		

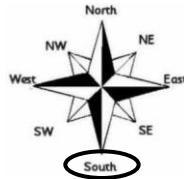
Weather Conditions

- 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: 11 °C Relative Humidity: 100 %

Barometric Pressure: 101.53 kPa

Notes:

Date Signed: September 13, 2011

Name: Jessica Nicholas

Signature: Jessica Nicholas



ODOUR MONITORING DATA SHEET

DATE: September 13, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
8:52	1								X		
8:58	2								X		
9:04	3								X		
9:10	4								X		
9:16	5								X		
9:21	6								X		
9:27	7								X		
9:32	8								X		
9:39	9								X		
9:44	10								X		
9:55	11								X		
10:02	12								X		
10:09	13								X		
10:16	14								X		
10:21	15								X		
10:27	16								X		
10:34	17								X		

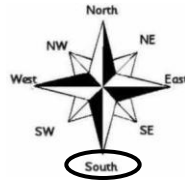
Weather Conditions

- 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: 14 °C Relative Humidity: 94 % Barometric Pressure: 101.65 kPa

Notes: _____

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ODOUR MONITORING DATA SHEET

DATE: September 13, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
10:45	1								X		
10:51	2								X		
10:57	3								X		
11:02	4								X		
11:08	5								X		
11:14	6								X		
11:20	7								X		
11:26	8								X		
11:33	9								X		
11:40	10							X		505,515	WWTP
11:54	11								X		
12:00	12								X		
1:05	13								X		
1:12	14								X		
1:17	15								X		
1:22	16								X		
1:30	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: 18 °C Relative Humidity: 83 % Barometric Pressure: 101.74 kPa

Notes: _____

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ODOUR MONITORING DATA SHEET

DATE: September 13, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
1:35	1								X		
1:41	2								X		
1:48	3								X		
1:54	4								X		
2:00	5								X		
2:07	6								X		
2:13	7								X		
2:19	8								X		
2:24	9								X		
2:30	10								X		
2:38	11								X		
2:45	12								X		
2:52	13							X		706	Diesel smell from machinery @ CO site
2:58	14								X		
3:04	15								X		
3:10	16								X		
3:17	17								X		

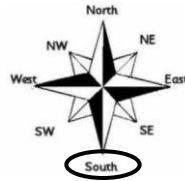
Weather Conditions

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- 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: 78 % Barometric Pressure: 101.67 kPa

Notes: _____

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ODOUR MONITORING DATA SHEET

DATE: September 13, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
3:27	1								X		
3:33	2								X		
3:39	3								X		
3:45	4								X		
3:54	5								X		
4:00	6								X		
4:08	7								X		
4:15	8								X		
4:22	9								X		
4:30	10								X		
4:41	11								X		
4:50	12								X		
5:03	13								X		
5:11	14								X		
5:18	15								X		
5:24	16								X		
5:30	17								X		

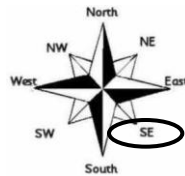
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- Mostly Sunny
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- Overcast
- Hazy

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: 101.63 kPa

Notes: _____

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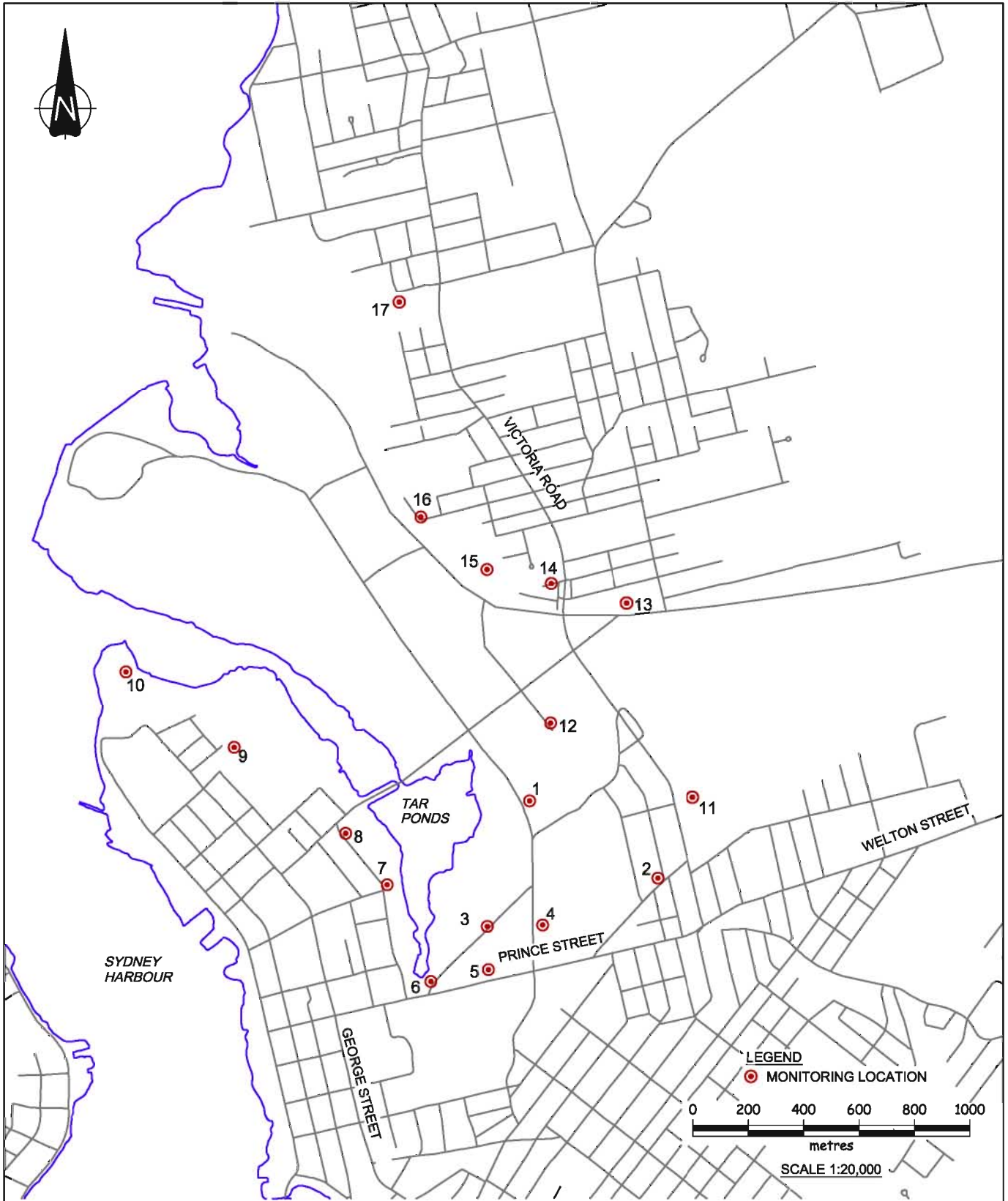


Figure 1

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

