



MEMORANDUM

To: Dawn MacNeil

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

From: Kathleen Whelan

Date: July 5, 2011

Subject: Odour Monitoring Daily Report; July 4, 2011

Weather Conditions	Overcast to partly cloudy
Precipitation	None
Wind Direction	South / South East
Wind Speed	Varied between 13 - 28 km/h
Temperature	14 C - 23 C

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

Please find attached:

- Odour Monitoring Data Sheets for July 4, 2011
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: July 4, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:38	11								X		
7:47	12								X		
7:53	13								X		
7:59	14								X		
8:05	15								X		
8:10	16								X		
8:17	17								X		
8:39	1								X		
8:46	2								X		
8:52	3								X		
8:57	4								X		
9:02	5								X		
9:06	6								X		
9:11	7								X		Using corner of Ferry & Dolbin St
9:16	8								X		
9:20	9								X		
9:27	10								X		

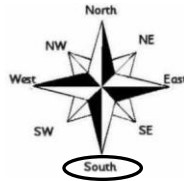
Weather Conditions

- 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: 100 %

Barometric Pressure: 101.55 kPa

Notes:

Date Signed: July 4, 2011

Name: Kathleen Whelan

Signature: Kathleen Whelan



ODOUR MONITORING DATA SHEET

DATE: July 4, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:47	11								X		
9:56	12								X		
10:04	13								X		
10:10	14								X		
10:15	15								X		
10:19	16								X		
10:27	17								X		
10:34	1								X		
10:38	2								X		
10:44	3								X		
10:50	4								X		
10:55	5								X		
11:00	6								X		
11:06	7								X		Using corner of Ferry & Dolbin St
11:11	8								X		
11:15	9								X		
11:21	10								X		

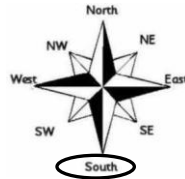
Weather Conditions

- 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: 94 %

Barometric Pressure: 101.52 kPa

Notes:

Date Signed: July 4, 2011

Name: Kathleen Whelan

Signature: Kathleen Whelan



ODOUR MONITORING DATA SHEET

DATE: July 4, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
11:30	11								X		
11:36	12								X		
11:42	13								X		
1:06	14								X		
1:11	15							X		712,722	Faint site odour
1:15	16							X		212	Bio-solve
1:25	17								X		
1:32	1								X		
1:38	2								X		
1:45	3								X		
1:51	4								X		
1:56	5							X			Not site related
2:03	6								X		
2:07	7								X		Using corner of Ferry & Dolbin St
2:11	8								X		
2:16	9								X		
2:22	10								X		

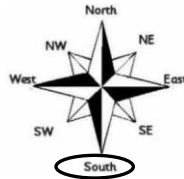
Weather Conditions

- 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: 101.48 kPa

Notes:

Date Signed: July 4, 2011

Name: Kathleen Whelan

Signature: Kathleen Whelan



ODOUR MONITORING DATA SHEET

DATE: July 4, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
2:35	11								X		
2:42	12								X		
2:47	13								X		
2:53	14								X		
2:58	15							X		712,506	Faint site odour/garbage odour
3:03	16								X		
3:10	17								X		
3:50	1								X		
3:56	2								X		
4:01	3								X		
4:06	4								X		
4:12	5								X		
4:19	6								X		
4:23	7								X		Using corner of Ferry & Dolbin St
4:28	8								X		
4:31	9								X		
4:35	10								X		

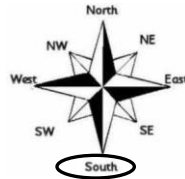
Weather Conditions

- 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: 65 %

Barometric Pressure: 101.32 kPa

Notes:

Date Signed: July 4, 2011

Name: Kathleen Whelan

Signature: Kathleen Whelan



ODOUR MONITORING DATA SHEET

DATE: July 4, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
4:45	11								X		
4:55	7								X		
4:59	8								X		
5:07	9								X		
5:15	10								X		
5:22	6								X		
5:29	5								X		
5:36	4								X		
5:42	2								X		
5:48	1								X		
5:54	12								X		
6:01	13								X		
6:07	14								X		
6:13	15							X		212	Slight bio-solve odour
6:19	16								X		
6:27	17								X		
6:33	3								X		

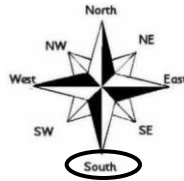
Weather Conditions

- 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: 21 °C Relative Humidity: 73 %

Barometric Pressure: 101.22 kPa

Notes:

Date Signed: July 4, 2011

Name: Terry Hyisky

Signature: 

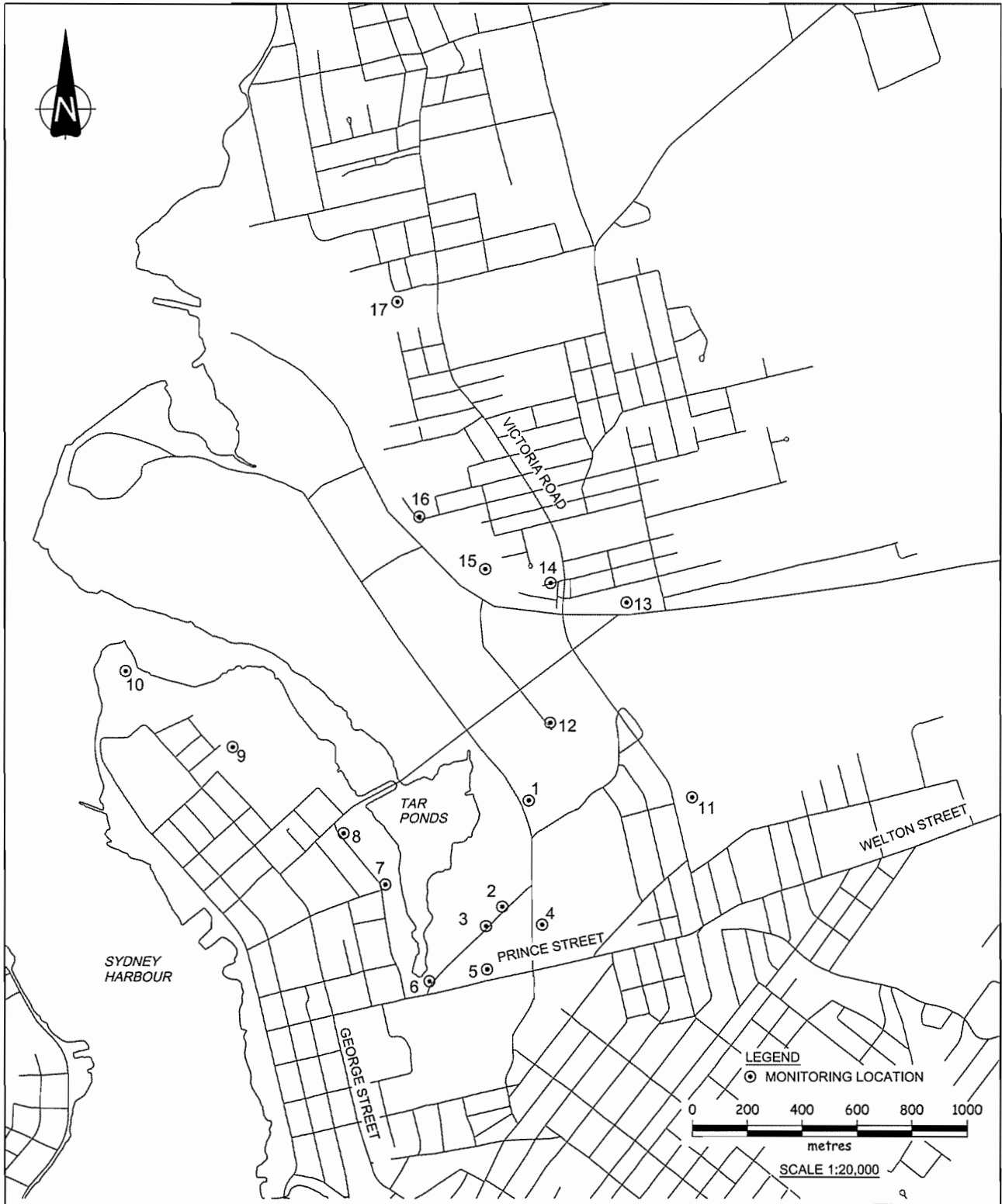


Figure 1

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



**Table 3 - Odour Monitoring Circuit
Air Monitoring Plan - Odour (AMPO)**

Location No.	Description	Latitude (Degrees (°) Minutes (') Seconds (")	Longitude (Degrees (°) Minutes (') Seconds (")
01	STPA Parking Lot	N46° 8' 42.89"	W60° 11' 0.08"
02	111 Terminal Road	N46° 8' 30.55"	W60° 11' 4.78"
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

