



MEMORANDUM

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

From: Dawn MacNeil

Date: June 20, 2012

Subject: Odour Monitoring Daily Report; June 19, 2012

Weather Conditions	Overcast
Precipitation	None
Wind Direction	South East
Wind Speed	Moderate Wind (8 - 25 km/h)
Temperature	7°C - 19°C

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

Please find attached:

- Odour Monitoring Data Sheets for June 19, 2012
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: June 19, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:01	3								X		
7:10	6								X		
7:15	7								X		
7:20	8								X		
7:26	9								X		
7:32	10								X		
7:51	12								X		
7:59	17								X		
8:06	13								X		
8:11	14								X		
8:16	15								X		
8:21	16								X		
8:32	5								X		
8:39	1								X		
8:47	11								X		
8:52	2								X		
8:57	4								X		

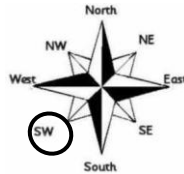
Weather Conditions

- 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: 7 °C

Relative Humidity: 98 %

Barometric Pressure: 102.19 kpa

Notes:

Date Signed: June 19, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: June 19, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:54	3								X		
9:59	6								X		
10:02	7								X		
10:07	8								X		
10:13	9								X		
10:19	10								X		
10:30	12								X		
10:37	17								X		
10:42	13								X		
10:48	14								X		
10:53	15								X		
10:59	16								X		
11:17	5								X		
11:30	1								X		
11:37	11								X		
11:42	2								X		
11:47	4								X		

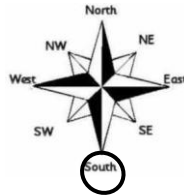
Weather Conditions

- 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: 8 °C

Relative Humidity: 89 %

Barometric Pressure: 102.32 kpa

Notes:

Date Signed: June 19, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: June 19, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
12:32	3								X		
12:38	6								X		
12:43	7								X		
12:48	8								X		
12:54	9							X		722	Slight site odour
1:00	10						X			515	Non site related (Sewer)
1:13	12								X		
1:23	17								X		
1:29	13								X		
1:35	14								X		
1:44	15								X		
1:49	16								X		
2:02	5								X		
2:11	1								X		
2:18	11								X		
2:23	2								X		
2:30	4								X		

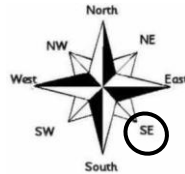
Weather Conditions

- 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: 65 %

Barometric Pressure: 102.17 kpa

Notes:

Date Signed: June 19, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: June 19, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
2:45	3								X		
2:51	6								X		
2:58	7								X		
3:03	8								X		
3:10	9								X		
3:16	10							X		515	Non site related (Sewer)
3:29	12								X		
3:37	17						X			722	Slight site odour.
3:54	13								X		
4:01	14								X		
4:06	15								X		
4:11	16								X		
4:20	5								X		
4:30	1								X		
4:37	11								X		
4:42	2								X		
4:50	4								X		

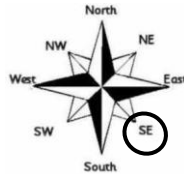
Weather Conditions

- 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: 56 %

Barometric Pressure: 102.00 kpa

Notes:

Date Signed: June 19, 2012

Name: Denise Walker

Signature: Denise Walker

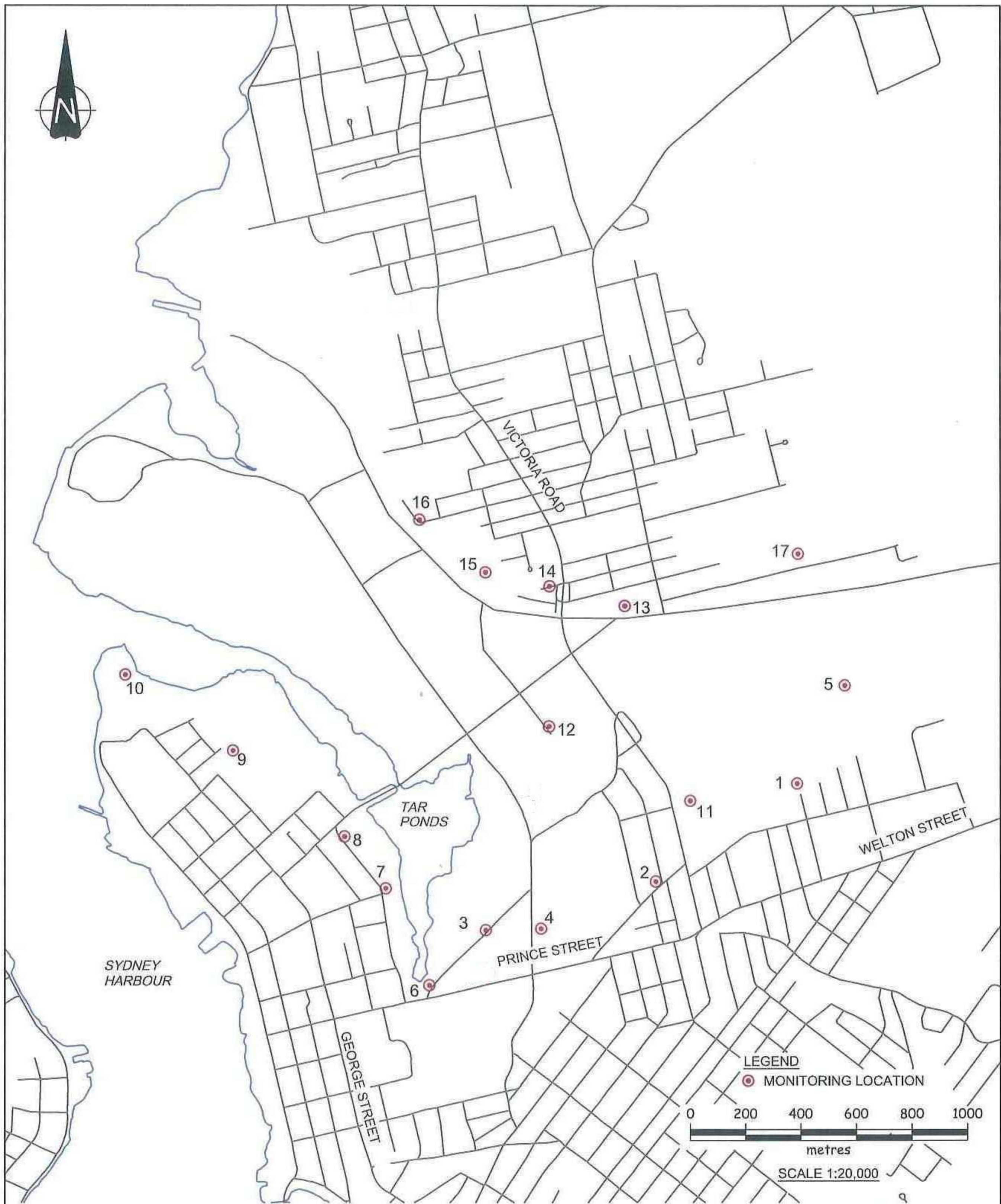


Figure 1

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



Table 1 - Odour Monitoring Circuit
Air Monitoring Plan - Odour (AMPO)

Location No.	Description	Latitude (Degrees (°) Minutes (') Seconds (")	Longitude (Degrees (°) Minutes (') Seconds (")
01	Forrest St.	N46° 8' 48.18"	W60° 10' 4.50"
02	FAST Furniture	N46° 8' 30.76"	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	Near Coke Oven Security Trailer	N46° 8' 55.56"	W60° 10' 7.74"
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	Fredrick St.	N46° 9' 10.26"	W60° 10' 12.12"

Odor Descriptors

