



MEMORANDUM

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

From: Dawn MacNeil

Date: June 18, 2012

Subject: Odour Monitoring Daily Report; June 15, 2012

Weather Conditions	Overcast
Precipitation	Rain
Wind Direction	North East
Wind Speed	Moderate Wind (8 - 25 km/h)
Temperature	11 C - 13 C

Four rounds of monitoring were conducted today with no quantifiable site-related odours greater than 4 detected.

Please find attached:

- Odour Monitoring Data Sheets for June 15, 2012
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: June 15, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:01	3								X		
7:09	6								X		
7:14	7								X		
7:19	8								X		
7:25	9								X		
7:30	10								X		
7:41	12								X		
7:48	17								X		
7:54	13								X		
8:00	14								X		
8:05	15								X		
8:11	16								X		
8:23	5								X		
8:30	1								X		
8:36	11							X		507	Non site related (CBRM Compost)
8:50	2								X		
8:55	4								X		

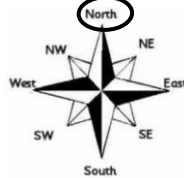
Weather Conditions

- 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: 11 °C

Relative Humidity: 95 %

Barometric Pressure: 102.18 kpa

Notes:

Date Signed: June 15, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: June 15, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:25	3								X		
9:34	6								X		
9:40	7								X		
9:45	8							X		507	Non site related (CBRM Compost)
9:50	9								X		
9:56	10						X			722	Site odour
10:10	12								X		
10:23	17								X		
10:28	13								X		
10:33	14								X		
10:38	15								X		
10:43	16								X		
11:07	5								X		
11:12	1								X		
11:19	11							X		507	Non site related (CBRM Compost)
11:27	2								X		
11:32	4								X		

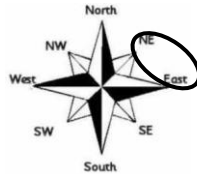
Weather Conditions

- 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: 13 °C

Relative Humidity: 82 %

Barometric Pressure: 102.33 kpa

Notes:

Date Signed: June 15, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: June 15, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
11:42	3								X		
11:49	6								X		
12:35	7								X		
12:41	8								X		
12:47	9								X		
12:55	10					X				722	Site Odour
1:19	12								X		
1:26	17								X		
1:32	13								X		
1:38	14								X		
1:43	15								X		
1:48	16								X		
2:04	5								X		
2:10	1								X		
2:17	11							X		700	Not site related
2:34	2								X		
2:40	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: 11 °C

Relative Humidity: 86 %

Barometric Pressure: 102.42 kpa

Notes:

Date Signed: June 15, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: June 15, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
2:49	3								X		
2:54	6								X		
3:01	7								X		
3:06	8							X		507	Non site related (CBRM Compost)
3:12	9								X		
3:18	10						X			722	Site odour
3:52	12								X		
3:59	17								X		
4:06	13								X		
4:11	14								X		
4:16	15								X		
4:21	16								X		
4:34	5								X		
4:41	1								X		
4:47	11								X		
4:52	2								X		
4:57	4								X		

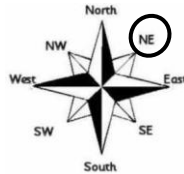
Weather Conditions

- 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: 11 °C

Relative Humidity: 89 %

Barometric Pressure: 105.55 kpa

Notes:

Date Signed: June 15, 2012

Name: Denise Walker

Signature: Denise Walker

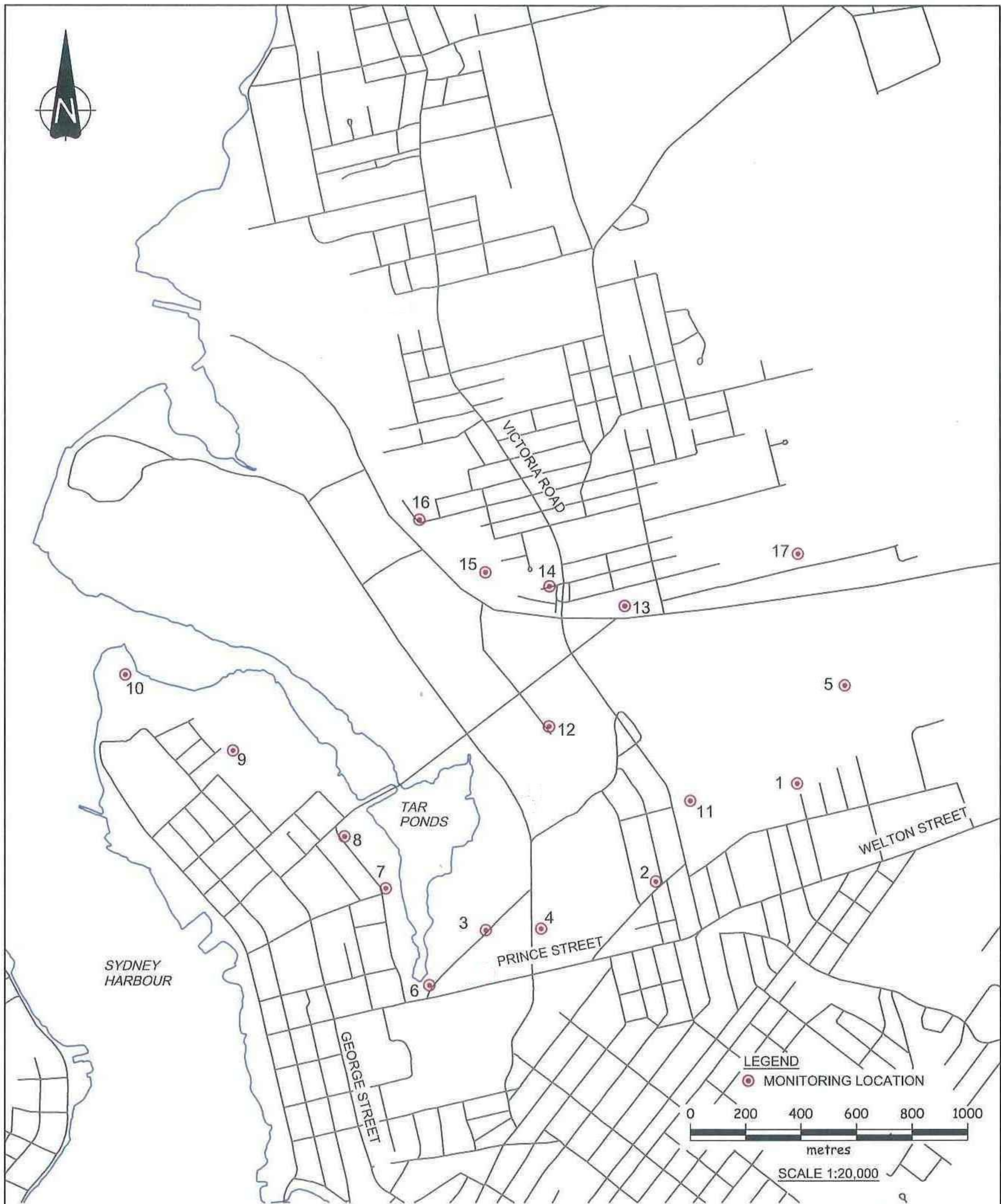


Figure 1

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

