



MEMORANDUM

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

From: Dawn MacNeil

Date: April 26, 2012

Subject: Odour Monitoring Daily Report; April 25, 2012

Weather Conditions	Overcast
Precipitation	Rain
Wind Direction	South/South East
Wind Speed	Moderate Winds (8 - 25 km/h)
Temperature	9 C - 14 C

Four and one half rounds of monitoring were conducted today with no quantifiable site-related odours detected.

Please find attached:

- Odour Monitoring Data Sheets for April 25, 2012
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: April 25, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:05	5								X		
7:10	1								X		
7:15	11								X		
7:21	2								X		
7:26	4								X		
7:33	3								X		
7:38	6								X		
7:44	7								X		
7:50	8								X		
7:55	9								X		
8:01	10								X		
8:09	12								X		
8:15	17								X		
8:21	13								X		
8:26	14								X		
8:32	15								X		
8:38	16								X		

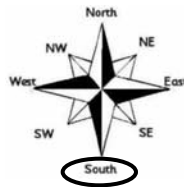
Weather Conditions

- 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: 9 °C

Relative Humidity: 100 %

Barometric Pressure: 101.39 kpa

Notes:

Date Signed: April 25, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: April 25, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
8:55	5								X		
9:01	1								X		
9:06	11								X		
9:12	2								X		
9:18	4								X		
9:24	3								X		
9:29	6								X		
9:35	7								X		
9:41	8								X		
9:46	9								X		
9:51	10								X		
10:10	12								X		
10:15	17								X		
10:21	13								X		
10:28	14								X		
10:35	15							X		506	Non site related. (Transfer station)
10:41	16								X		

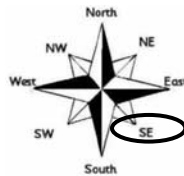
Weather Conditions

- 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: 9 °C

Relative Humidity: 100 %

Barometric Pressure: 101.42 kpa

Notes:

Date Signed: April 25, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: April 25, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
11:05	5								X		
11:11	1								X		
11:17	11								X		
11:24	2								X		
11:29	4								X		
11:35	3								X		
11:40	6								X		
11:46	7								X		
11:51	8								X		
11:56	9								X		
12:00	10								X		
12:39	12								X		
12:45	17								X		
12:51	13								X		
12:56	14								X		
1:01	15							X		506	Non site related. (Transfer station)
1:06	16								X		

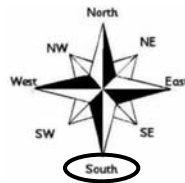
Weather Conditions

- 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: 9 °C

Relative Humidity: 100 %

Barometric Pressure: 101.49 kpa

Notes:

Date Signed: April 25, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: April 25, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
1:35	5								X		
1:40	1								X		
1:46	11								X		
1:52	2								X		
1:58	4								X		
2:06	3								X		
2:12	6								X		
2:18	7								X		
2:23	8								X		
2:28	9								X		
2:34	10								X		
2:51	12								X		
2:57	17								X		
3:05	13								X		
3:11	14								X		
3:17	15								X		
3:23	16								X		

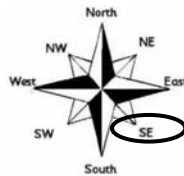
Weather Conditions

- 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: 12 °C Relative Humidity: 100 %

Barometric Pressure: 101.38 kpa

Notes:

Date Signed: April 25, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: April 25, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
3:40	5								X		
3:45	1								X		
3:51	11								X		
3:57	2								X		
4:04	4								X		
4:10	3								X		
4:16	6								X		
4:22	7								X		
4:28	8								X		
4:33	9								X		
4:38	10								X		
4:44	12								X		
4:50	17								X		
4:55	13								X		
5:00	14								X		
5:05	15								X		
5:10	16								X		

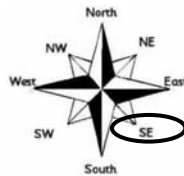
Weather Conditions

- 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: 93 % Barometric Pressure: 101.35 kpa

Notes: _____

Date Signed: April 25, 2012

Name: Denise Walker

Signature: Denise Walker

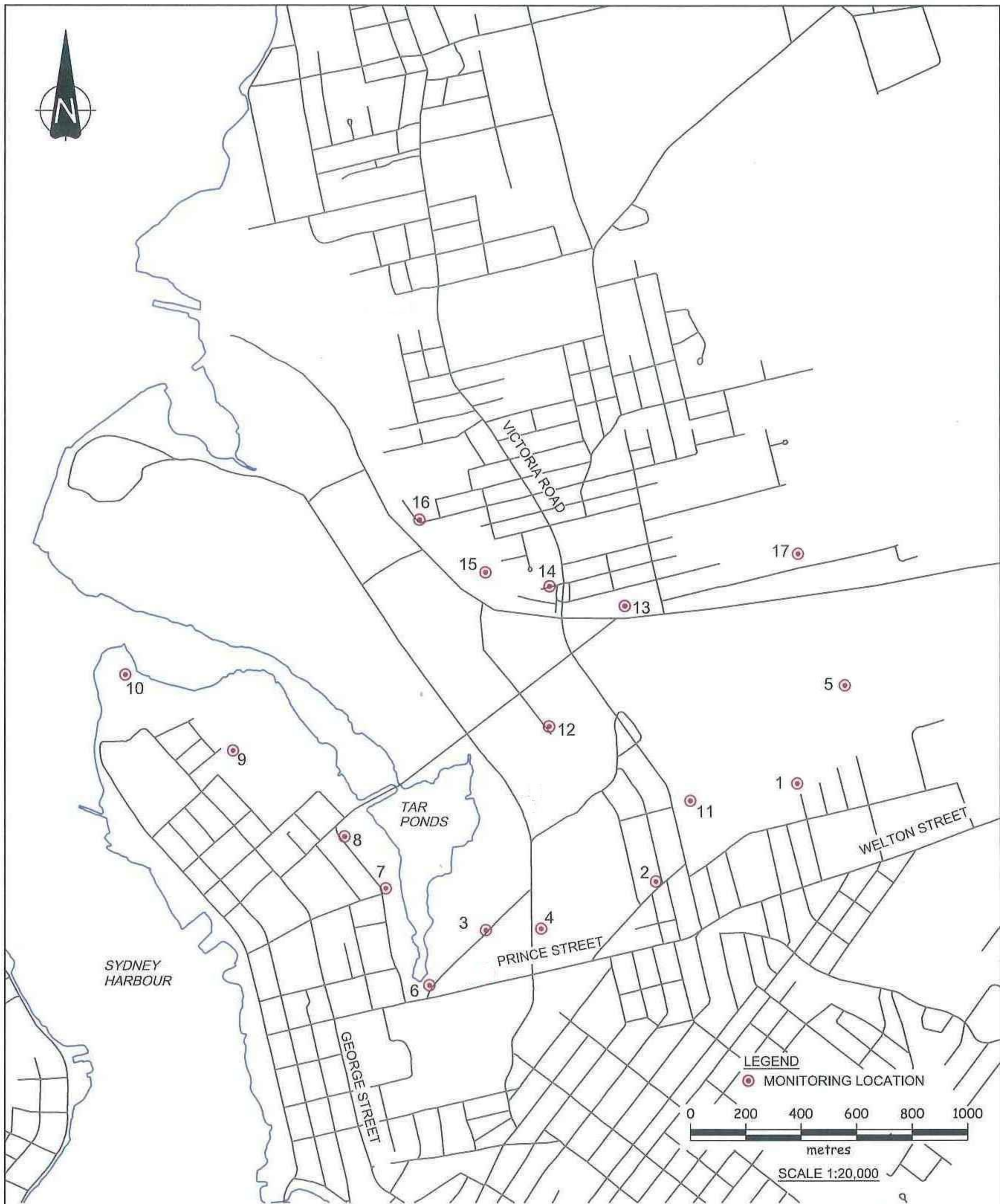


Figure 1

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

