



MEMORANDUM

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

From: Dawn MacNeil

Date: April 25, 2012

Subject: Odour Monitoring Daily Report; April 24, 2012

Weather Conditions	Mostly Cloudy
Precipitation	None
Wind Direction	South/South East
Wind Speed	Strong winds (25 km/h or Higher)
Temperature	10 C - 14 C

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

Please find attached:

- Odour Monitoring Data Sheets for April 24, 2012
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: April 24, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:10	5								X		
7:15	1								X		
7:21	11								X		
7:26	2								X		
7:32	4								X		
7:38	3								X		
7:44	6								X		
7:50	7								X		
7:56	8								X		
8:01	9								X		
8:07	10								X		
8:19	12								X		
8:25	17								X		
8:31	13							X		722	Slight site odour.
8:40	14								X		
8:46	15								X		
8:52	16							X		722/705	

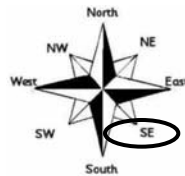
Weather Conditions

- 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: 10 °C Relative Humidity: 93 %

Barometric Pressure: 101.78 kpa

Notes:

Date Signed: April 24, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: April 24, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:10	5								X		
9:16	1								X		
9:22	11								X		
9:28	2								X		
9:34	4								X		
9:39	3								X		
9:44	6								X		
9:50	7								X		
9:55	8								X		
10:00	9								X		
10:06	10								X		
10:22	12								X		
10:27	17								X		
10:34	13							X		705	Slight site odour.
10:40	14								X		
10:45	15								X		
10:51	16								X		

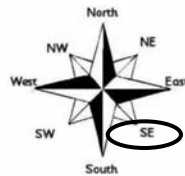
Weather Conditions

- 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: 11 °C Relative Humidity: 87 %

Barometric Pressure: 100.7 kpa

Notes:

Date Signed: April 24, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: April 24, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
11:15	5								X		
11:21	1								X		
11:26	11								X		
11:31	2								X		
11:37	4								X		
11:42	3								X		
11:47	6								X		
12:30	7								X		
12:35	8								X		
12:46	9								X		
12:52	10								X		
1:02	12								X		
1:07	17								X		
1:14	13								X		
1:19	14								X		
1:26	15								X		
1:32	16								X		

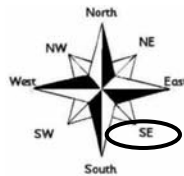
Weather Conditions

- 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: 11 °C Relative Humidity: 86 % Barometric Pressure: 101.74 kpa

Notes: _____

Date Signed: April 24, 2012 Name: Denise Walker Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: April 24, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
1:39	5								X		
1:45	1								X		
1:50	11								X		
1:56	2								X		
2:02	4								X		
2:08	3								X		
2:14	6								X		
2:20	7								X		
2:25	8								X		
2:30	9								X		
2:36	10								X		
2:46	12								X		
2:51	17								X		
2:57	13							X		722	Slight site odour.
3:05	14								X		
3:10	15							X		506	Not site related (Transfer Station / Mill Creek)
3:15	16						X			506	Not site related (Transfer Station)

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: 81 %

Barometric Pressure: 101.71 kpa

Notes:

Date Signed: April 24, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: April 24, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
3:29	5								X		
3:35	1								X		
3:45	11								X		
3:51	2								X		
3:56	4								X		
4:01	3								X		
4:05	6								X		
4:10	7								X		
4:14	8								X		
4:19	9								X		
4:24	10								X		
4:34	12								X		
4:39	17								X		
4:44	13								X		
4:49	14								X		
4:54	15								X		
5:01	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: 85 %

Barometric Pressure: 101.69 kpa

Notes:

Date Signed: April 24, 2012

Name: Denise Walker

Signature: Denise Walker

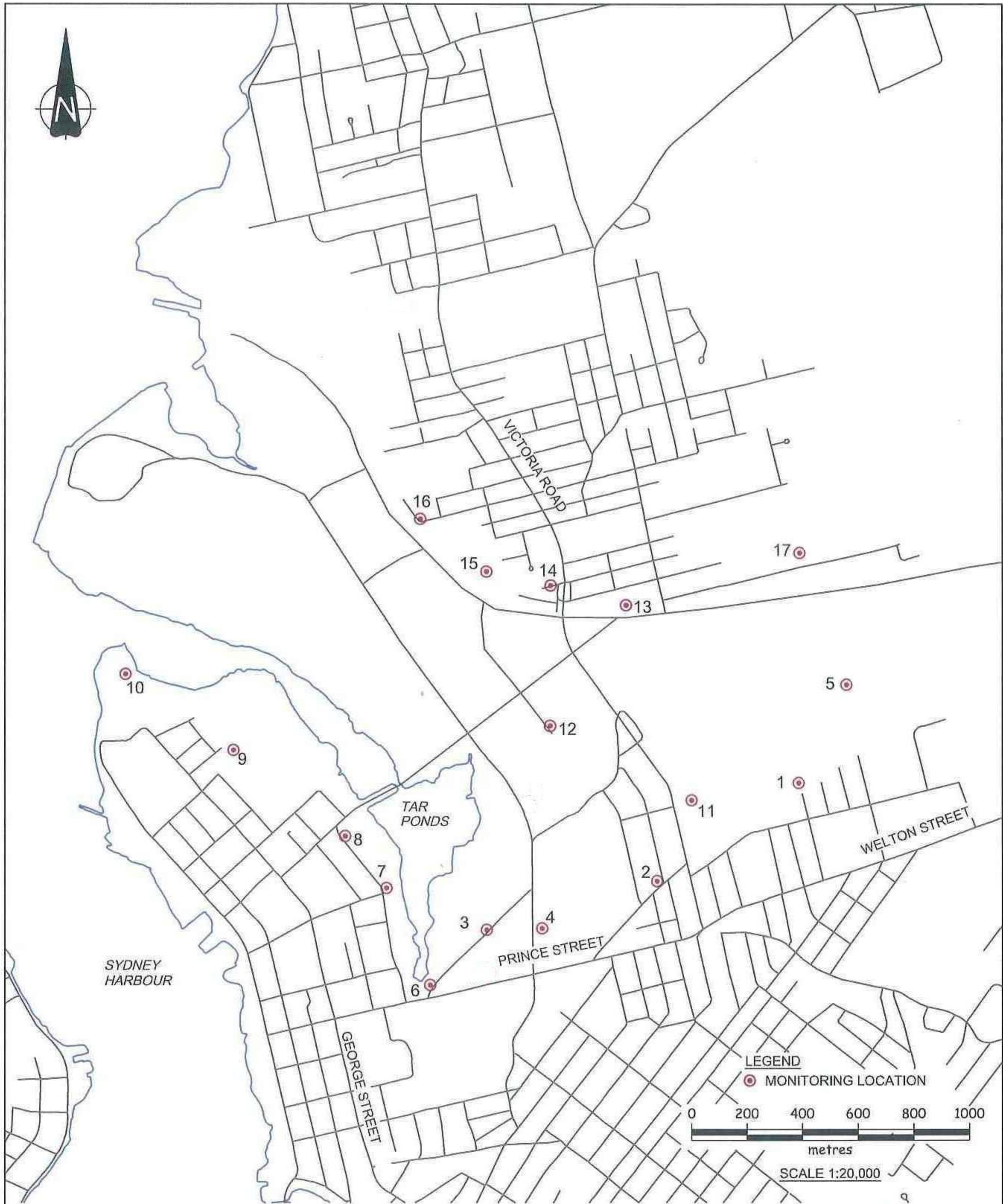


Figure 1

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

