



MEMORANDUM

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

From: Dawn MacNeil

Date: May 3, 2012

Subject: Odour Monitoring Daily Report; May 2, 2012

Weather Conditions	Mostly Sunny
Precipitation	None
Wind Direction	South West/North East
Wind Speed	Moderate Winds (8 - 25 km/h)
Temperature	-1 °C - 7 °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 May 2, 2012
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: May 2, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:00	5								X		
7:05	1								X		
7:11	11								X		
7:16	2								X		
7:22	4								X		
7:28	3								X		
7:34	6								X		
7:40	7								X		
7:45	8								X		
7:51	9								X		
7:56	10								X		
8:16	12								X		
8:22	17								X		
8:28	13								X		
8:34	14								X		
8:41	15								X		
8:47	16								X		

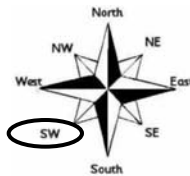
Weather Conditions

- 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: -1 °C

Relative Humidity: 74 %

Barometric Pressure: 102.4 kpa

Notes:

Date Signed: May 2, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: May 2, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:03	5								X		
9:09	1								X		
9:15	11								X		
9:21	2								X		
9:27	4								X		
9:33	3						X				Site odour
9:38	6							X			Slight site odour
9:44	7							X			Slight site odour (Less)
9:51	8								X		
9:57	9								X		
10:08	10						X				Non site related. (Sewer)
10:18	12								X		
10:24	17								X		
10:29	13								X		
10:35	14								X		
10:42	15								X		
10:49	16								X		

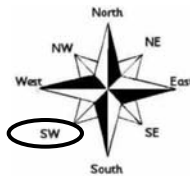
Weather Conditions

- 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: 1 °C

Relative Humidity: 76 %

Barometric Pressure: 102.46 kpa

Notes:

Date Signed: May 2, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: May 2, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:03	5								X		
9:09	1								X		
9:15	11								X		
9:21	2								X		
9:27	4							X			Site odour
9:33	3						X				Site odour
9:38	6							X			Site odour
9:44	7							X			Site odour
9:51	8							X			Site odour
9:57	9								X		
10:08	10						X				Non site related. (Sewer)
10:18	12								X		
10:24	17								X		
10:29	13								X		
10:35	14								X		
10:42	15								X		
10:49	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: 5 °C

Relative Humidity: 69 %

Barometric Pressure: 102.47 kpa

Notes:

Date Signed: May 2, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: May 2, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:03	5								X		
9:09	1								X		
9:15	11								X		
9:21	2								X		
9:27	4								X		
9:33	3								X		
9:38	6							X			Slight site odour
9:44	7							X			Site odour in wind gusts
9:51	8						X				
9:57	9								X		
10:08	10							X			Non site related. (Sewer)
10:18	12								X		
10:24	17								X		
10:29	13								X		
10:35	14								X		
10:42	15								X		
10:49	16								X		

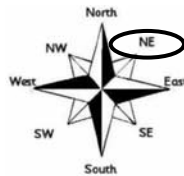
Weather Conditions

- 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: 7 °C

Relative Humidity: 57 %

Barometric Pressure: 102.43 kpa

Notes:

Date Signed: May 2, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: May 2, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
4:04	5								X		
4:10	1								X		
4:16	11								X		
4:23	2								X		
4:29	4								X		
4:35	3							X			Site odour
4:40	6							X			Site odour
4:45	7							X			Site odour
4:50	8							X			Site odour
4:55	9								X		
5:00	10						X				Non site related. (Sewer)

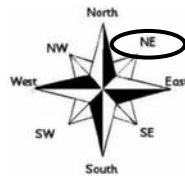
Weather Conditions

- 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: 42 %

Barometric Pressure: 102.34 kpa

Notes:

Date Signed: May 2, 2012

Name: Denise Walker

Signature: Denise Walker

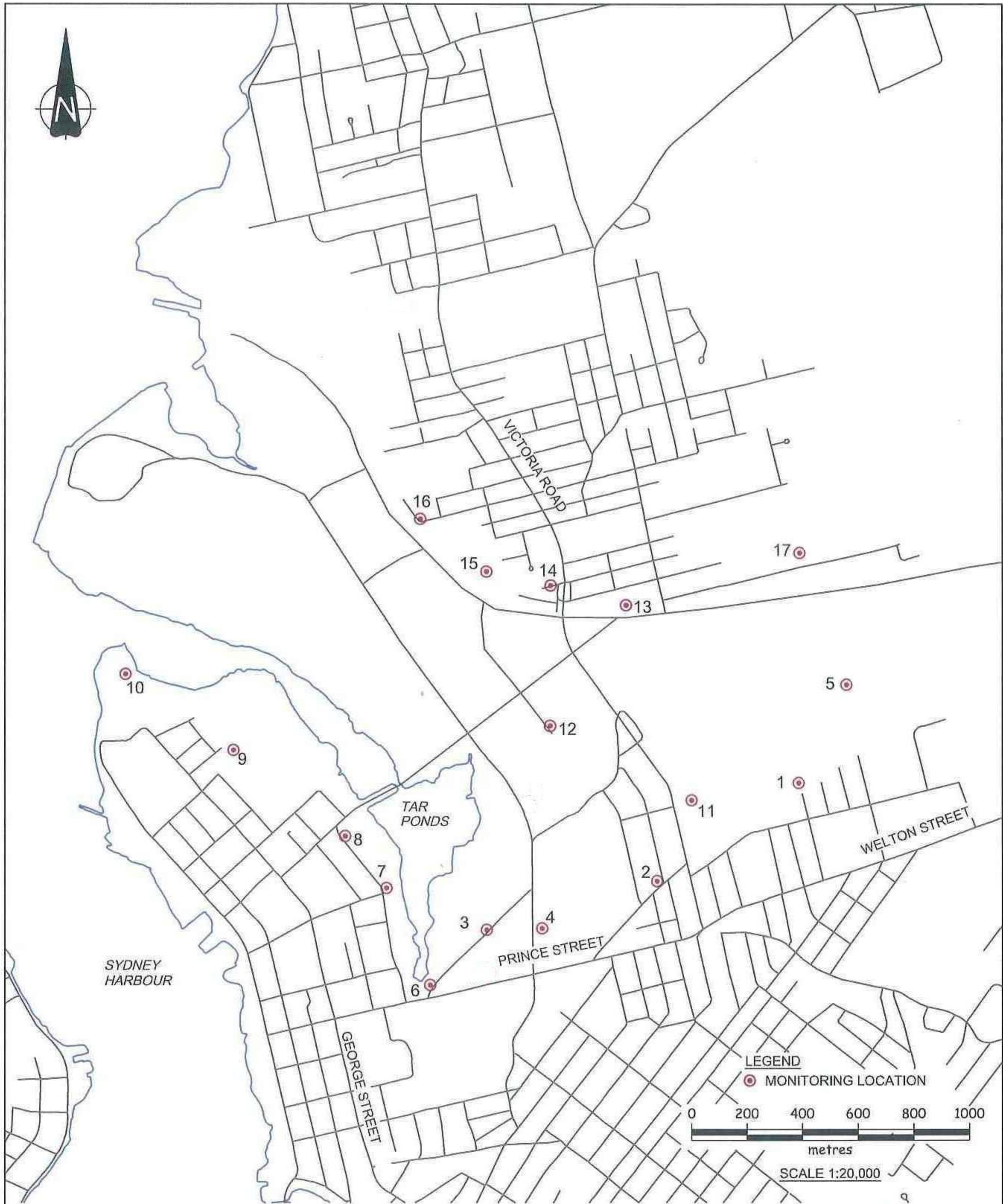


Figure 1

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

