



MEMORANDUM

To: Jerome MacNeil; Donnie Burke; Geoff Verner; Ellen Gushue; Barbara Mattie
From: Peter Weaver
Date: January 9, 2013
Subject: Odour Monitoring Daily Report; January 8, 2013

Weather Conditions	Partly Cloudy
Precipitation	None
Wind Direction	South West
Wind Speed	Moderate Winds (8 - 25 km/h)
Temperature	-3 C - -11 C

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

Please find attached:

- Odour Monitoring Data Sheets for January 8, 2013
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: January 8, 2013

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:10	3								X		
7:23	6								X		
7:28	7								X		
7:33	8								X		
7:38	9								X		
7:43	10								X		
7:53	12								X		
8:00	17								X		
8:07	13								X		
8:13	14								X		
8:18	15								X		
8:23	16								X		
8:33	5								X		
8:47	1								X		
8:54	11								X		
8:59	2								X		
9:04	4								X		

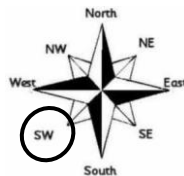
Weather Conditions

- 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: ____ 81 ____ %

Barometric Pressure: ____ 102.56 ____ kpa

Notes:

Date Signed: January 8, 2013

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: January 8, 2013

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:30	3								X		
9:36	6								X		
10:00	7								X		
10:05	8								X		
10:13	9								X		
10:18	10								X		
10:34	12								X		
10:42	17								X		
10:48	13								X		
10:53	14								X		
10:58	15								X		
11:03	16								X		
11:30	5								X		
11:39	1								X		
11:46	11								X		
11:52	2								X		
11:57	4								X		

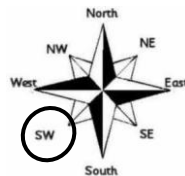
Weather Conditions

- 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: ____ 70 ____ %

Barometric Pressure: ____ 102.62 ____ kpa

Notes:

Date Signed: January 8, 2013

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: January 8, 2013

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
12:40	3								X		
12:50	6								X		
12:56	7								X		
1:01	8								X		
1:06	9								X		
1:16	10								X		
1:27	12								X		
1:34	17								X		
1:40	13								X		
1:45	14								X		
1:50	15								X		
1:58	16								X		
2:09	5								X		
2:15	1								X		
2:21	11								X		
2:26	2								X		
2:32	4								X		

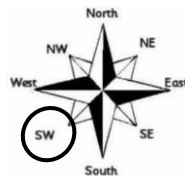
Weather Conditions

- 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: ____-7____ °C

Relative Humidity: ____57____%

Barometric Pressure: ____102.45____ kpa

Notes:

Date Signed: January 8, 2013

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: January 8, 2013

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
3:00	3								X		
3:09	6								X		
3:14	7								X		
3:19	8								X		
3:24	9								X		
3:29	10								X		
3:40	12								X		
3:46	17								X		
3:51	13								X		
3:56	14								X		
4:01	15								X		
4:06	16								X		
4:16	5								X		
4:21	1								X		
4:31	11								X		
4:36	2								X		
4:41	4								X		

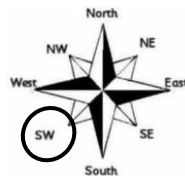
Weather Conditions

- Mostly Sunny
- Partly Cloudy
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- 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: ____-3____ °C

Relative Humidity: ____62____%

Barometric Pressure: ____102.01____ kpa

Notes:

Date Signed: January 8, 2013

Name: Denise Walker

Signature: Denise Walker

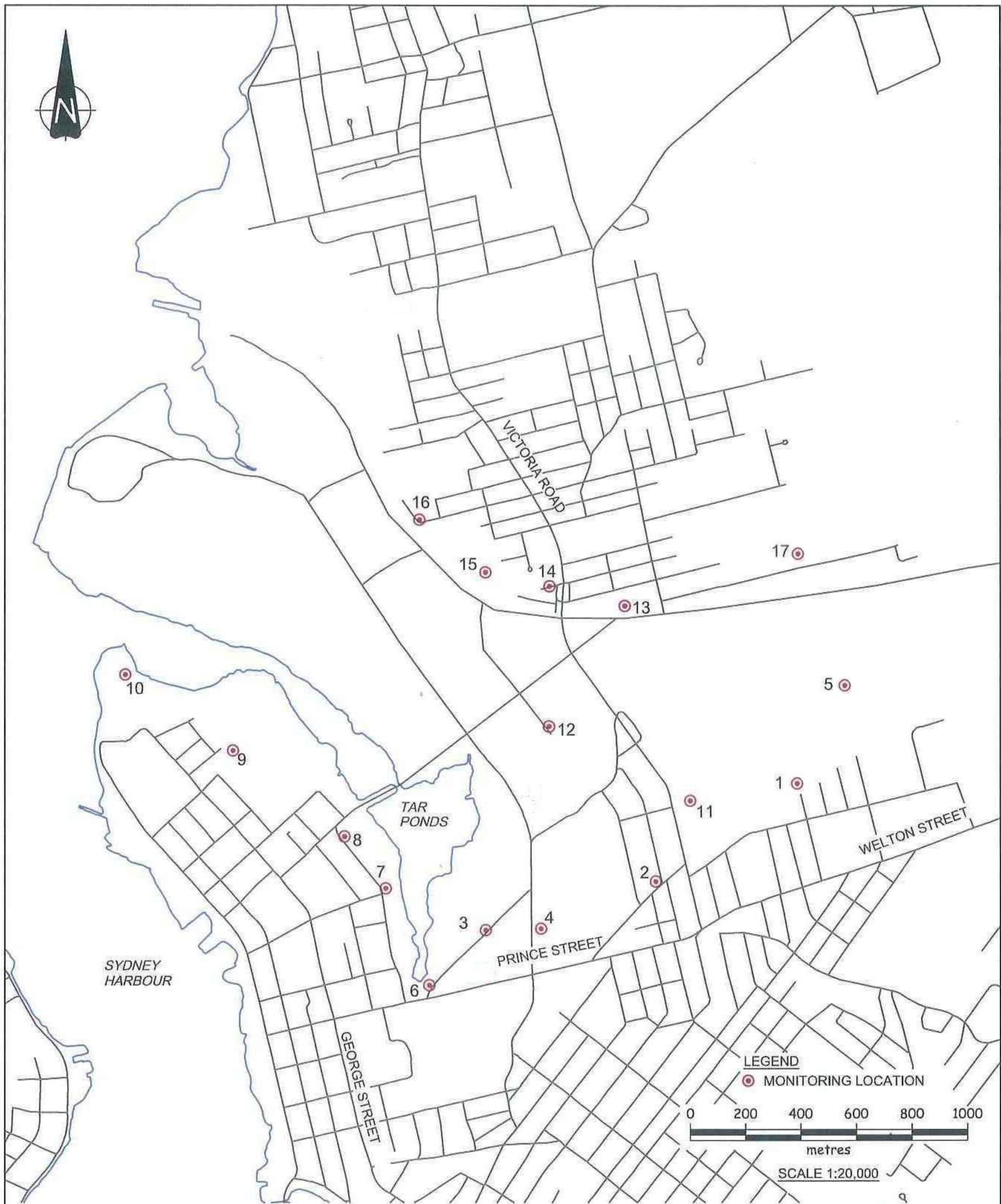


Figure 1

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

