



MEMORANDUM

To: Jerome MacNeil; Donnie Burke; Geoff Verner; Ellen Gushue; Barbara Mattie
From: Peter Weaver
Date: January 14, 2013
Subject: Odour Monitoring Daily Report; January 11, 2013

Weather Conditions	Mostly Cloudy
Precipitation	Flurries
Wind Direction	North/North West
Wind Speed	Strong Winds (8 - 25 km/h)
Temperature	-4 C - -3 C

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

Please find attached:

- Odour Monitoring Data Sheets for January 11, 2013
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: January 11, 2013

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:10	3								X		
7:23	6								X		
7:30	7								X		
7:35	8								X		
7:40	9								X		
7:45	10								X		
8:28	12								X		
8:34	17								X		
8:39	13								X		
8:44	14								X		
8:49	15								X		
8:54	16								X		
9:04	5								X		
9:11	1								X		
9:17	11								X		
9:29	2								X		
9:34	4								X		

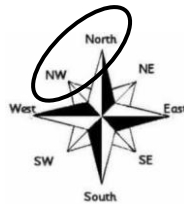
Weather Conditions

- 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: ____-3____ °C

Relative Humidity: ____78____%

Barometric Pressure: ____101.72____ kpa

Notes:

Date Signed: January 11, 2013

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: January 11, 2013

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
10:10	3								X		
10:16	6								X		
10:21	7								X		
10:26	8								X		
10:31	9								X		
10:36	10								X		
10:52	12								X		
11:00	17								X		
11:05	13								X		
11:10	14								X		
11:15	15								X		
11:20	16								X		
11:32	5								X		
11:37	1								X		
11:44	11								X		
11:49	2								X		
11:54	4								X		

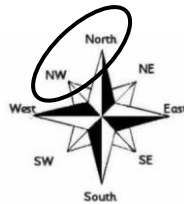
Weather Conditions

- 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: ___-4___ °C

Relative Humidity: ___79___%

Barometric Pressure: ___101.92___ kpa

Notes:

Date Signed: January 11, 2013

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: January 11, 2013

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
12:45	3								X		
12:51	6								X		
12:56	7								X		
1:01	8								X		
1:06	9								X		
1:13	10						X			514	Not site related – other activity in the area
1:25	12								X		
1:32	17								X		
1:37	13								X		
1:43	14								X		
1:48	15								X		
1:53	16								X		
2:06	5								X		
2:12	1								X		
2:18	11								X		
2:30	2								X		
2:35	4								X		

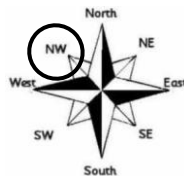
Weather Conditions

- 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: ____-4____ °C

Relative Humidity: ____81____%

Barometric Pressure: ____101.89____ kpa

Notes:

Date Signed: January 11, 2013

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: January 11, 2013

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
3:10	3								X		
3:19	6								X		
3:24	7								X		
3:29	8								X		
3:34	9								X		
3:39	10						X			514	Not site related – other activity in the area
3:49	12								X		
3:55	17								X		
4:01	13								X		
4:07	14								X		
4:12	15								X		
4:17	16								X		
4:26	5								X		
4:31	1								X		
4:37	11								X		
4:42	2								X		
4:47	4								X		

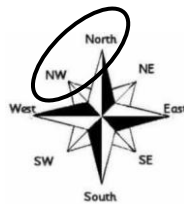
Weather Conditions

- 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: ____-4____ °C

Relative Humidity: ____80____%

Barometric Pressure: ____101.88____ kpa

Notes:

Date Signed: January 11, 2013

Name: Denise Walker

Signature: Denise Walker

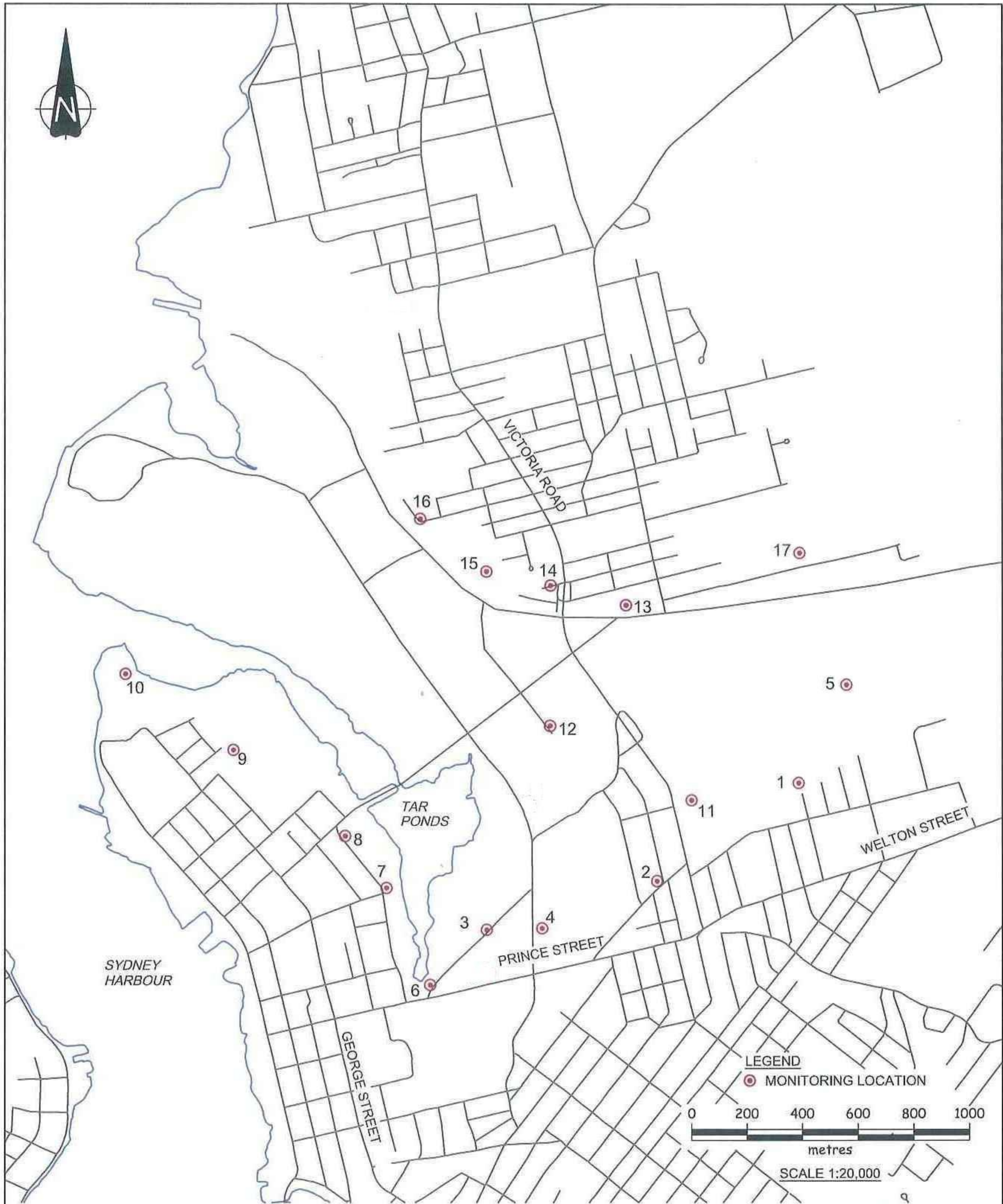


Figure 1

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

