



MEMORANDUM

To: Jerome MacNeil; Donnie Burke; Geoff Verner; Ellen Gushue; Barbara Mattie
From: Peter Weaver
Date: January 11, 2013
Subject: Odour Monitoring Daily Report; January 10, 2013

Weather Conditions	Mostly Cloudy
Precipitation	Snow
Wind Direction	East (am) - North/North West (pm)
Wind Speed	Moderate Winds (8 - 25 km/h)
Temperature	0 °C - 0 °C

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

Please find attached:

- Odour Monitoring Data Sheets for January 10, 2013
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: January 10, 2013

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:10	3								X		
7:27	6								X		
7:32	7								X		
7:38	8							X		507	Not site related – other activity in the area
7:43	9								X		
7:49	10							X		514	Not site related – other activity in the area
7:59	12								X		
8:05	17								X		
8:10	13								X		
8:15	14								X		
8:20	15								X		
8:25	16								X		
8:36	5								X		
9:09	1								X		
9:14	11								X		
9:19	2								X		
9:24	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: ____0____ °C

Relative Humidity: ____98____ %

Barometric Pressure: ____100.32____ kpa

Notes:

Date Signed: January 10, 2013

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: January 10, 2013

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:50	3								X		
10:00	6								X		
10:06	7								X		
10:11	8								X		
10:16	9								X		
10:35	10							X		514	Not site related – other activity in the area
10:45	12								X		
10:51	17								X		
10:57	13								X		
11:02	14								X		
11:07	15								X		
11:12	16								X		
11:22	5								X		
11:29	1								X		
11:35	11								X		
11:40	2								X		
11:45	4								X		

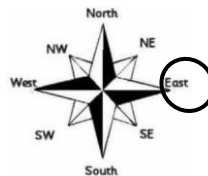
Weather Conditions

- 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: ____0____ °C

Relative Humidity: ____98____ %

Barometric Pressure: ____100.10____ kpa

Notes:

Date Signed: January 10, 2013

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: January 10, 2013

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
12:35	3								X		
12:45	6								X		
12:52	7								X		
12:57	8								X		
1:03	9								X		
1:08	10							X		514	Not site related – other activity in the area
1:22	12								X		
1:29	17								X		
1:40	13								X		
1:47	14								X		
1:55	15								X		
2:05	16								X		
2:15	5								X		
2:23	1								X		
2:30	11								X		
2:37	2								X		
2:42	4								X		

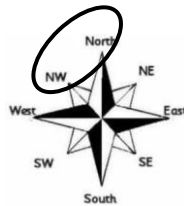
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- Partly Cloudy
- Mostly Cloudy
- Overcast
- Hazy

Precipitation

- None
- Fog
- Rain
- Sleet
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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: ____0____ °C

Relative Humidity: ____98____ %

Barometric Pressure: ____100.01____ kpa

Notes:

Date Signed: January 10, 2013

Name: Denise Walker

Signature: Denise Walker

ODOUR MONITORING DATA SHEET

DATE: January 10, 2013

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
3:10	3								X		
3:16	6								X		
3:21	7								X		
3:26	8								X		
3:31	9							X		712/514	Slight site odour
3:36	10							X		514	Not site related – other activity in the area
3:55	12								X		
4:01	17								X		
4:07	13								X		
4:12	14								X		
4:17	15								X		
4:22	16								X		
4:32	5								X		
4:37	1								X		
4:43	11								X		
4:48	2								X		
4:53	4								X		

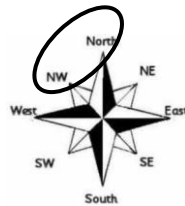
Weather Conditions

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Precipitation

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Wind Direction (Blowing From)



Wind Speed

- Calm
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- Moderate Wind (8 – 25 km/h)
- Strong Winds (25 km/h or higher)

Temperature: ____0____ °C

Relative Humidity: ____98____ %

Barometric Pressure: ____99.94____ kpa

Notes:

Date Signed: January 10, 2013

Name: Denise Walker

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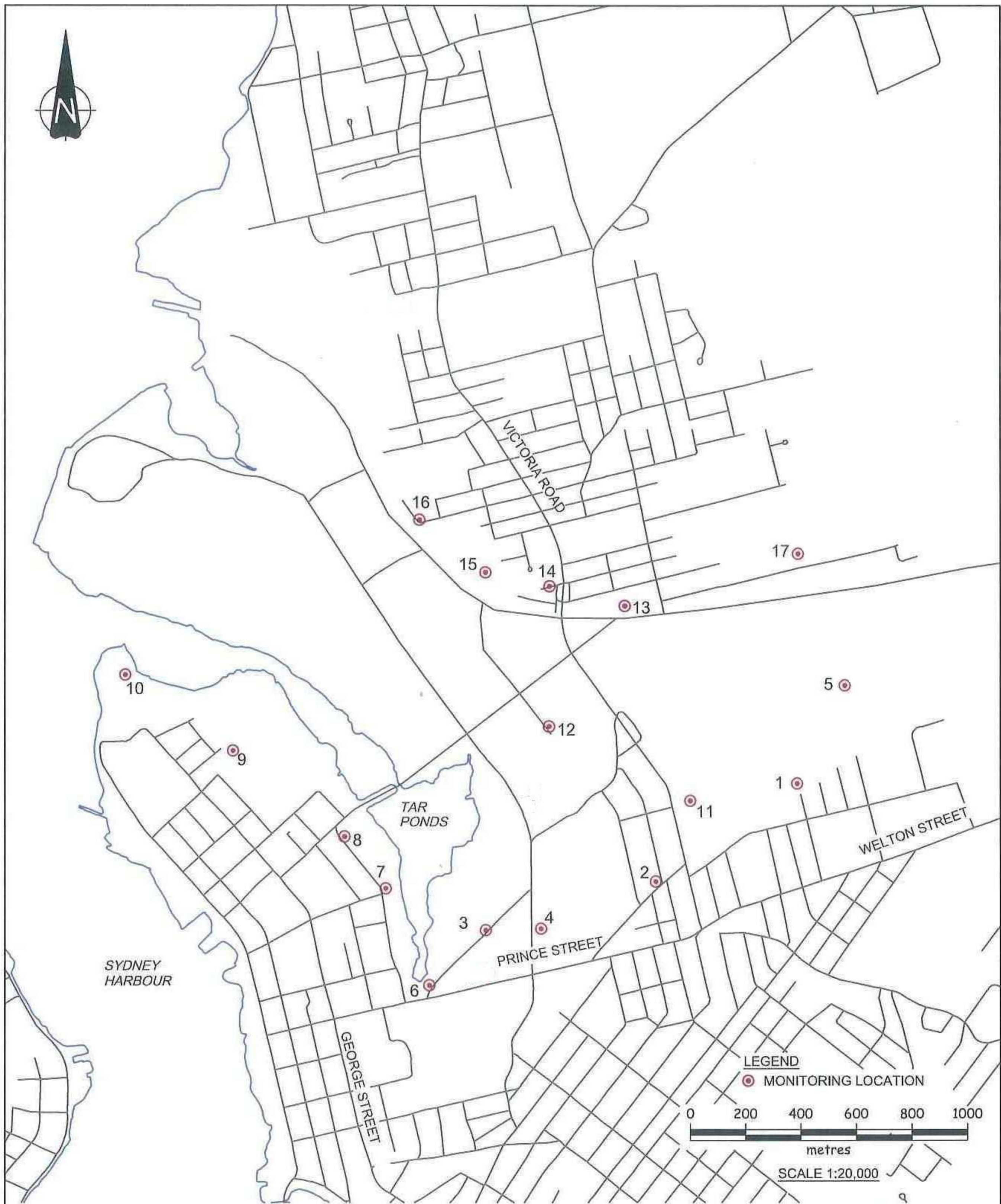


Figure 1

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

