



MEMORANDUM

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

From: Dawn MacNeil

Date: October 24, 2011

Subject: Odour Monitoring Daily Report; October 21, 2011

Weather Conditions	Mostly Sunny
Precipitation	None
Wind Direction	South/Southwest
Wind Speed	Moderate between 8 - 25 km/h
Temperature	13 °C - 17 °C

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

Please find attached:

- Odour Monitoring Data Sheets for October 21, 2011
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: October 21, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:15	1								X		
7:20	2								X		
7:30	3								X		
7:36	4								X		
7:41	5								X		
7:48	6								X		
7:59	7								X		
8:05	8								X		
8:12	9								X		
8:19	10								X		
8:30	11								X		
8:36	12								X		
8:41	13								X		
8:46	14								X		
8:50	15								X		
8:56	16								X		
9:03	17								X		

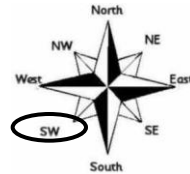
Weather Conditions

- 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: 13 °C Relative Humidity: 95 %

Barometric Pressure: 100.87 kPa

Notes:

Date Signed: October 21, 2011

Name: Gloria Paul

Signature:



ODOUR MONITORING DATA SHEET

DATE: October 21, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:08	1								X		
9:13	2								X		
9:19	3								X		
9:23	4								X		
9:27	5								X		
9:32	6								X		
9:38	7								X		
9:43	8								X		
9:48	9								X		
9:55	10								X		
10:10	11								X		
10:15	12								X		
10:20	13								X		
10:25	14								X		
10:31	15								X		
10:40	16								X		
10:50	17								X		

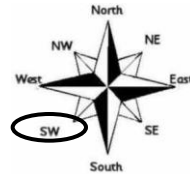
Weather Conditions

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- 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: 13 °C Relative Humidity: 95 %

Barometric Pressure: 100.87 kPa

Notes: _____

Date Signed: October 21, 2011

Name: Jackie Miles

Signature: Jackie Miles



ODOUR MONITORING DATA SHEET

DATE: October 21, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
10:57	1								X		
11:03	2								X		
11:10	3								X		
11:16	4								X		
11:21	5							X			Not site related (Food)
11:26	6								X		
11:32	7								X		
11:37	8								X		
11:42	9								X		
11:50	10								X		
12:17	11								X		
1:15	12								X		
1:21	13								X		
1:27	14								X		
1:32	15								X		
1:41	16								X		
1:50	17								X		

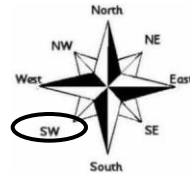
Weather Conditions

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- 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: 17 °C Relative Humidity: 67 %

Barometric Pressure: 100.95 kPa

Notes: _____

Date Signed: October 21, 2011

Name: Jackie Miles

Signature: Jackie Miles



ODOUR MONITORING DATA SHEET

DATE: October 21, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
1:57	1								X		
2:03	2								X		
2:09	3								X		
2:14	4								X		
2:19	5								X		
2:24	6								X		
2:30	7								X		
2:37	8								X		
2:44	9								X		
2:51	10								X		
3:06	11								X		
3:13	12								X		
3:19	13								X		
3:24	14								X		
3:30	15								X		
3:39	16								X		
3:48	17								X		

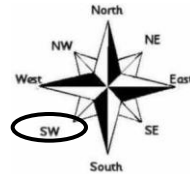
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- Hazy

Precipitation

- None
- Fog
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- 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: 17 °C Relative Humidity: 67 %

Barometric Pressure: 100.95 kPa

Notes: _____

Date Signed: October 21, 2011

Name: Jackie Miles

Signature: Jackie Miles



ODOUR MONITORING DATA SHEET

DATE: October 21, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
3:58	1								X		
4:05	2								X		
4:11	3								X		
4:16	4								X		
4:22	5								X		
4:27	6								X		
4:33	7								X		
4:38	8								X		
4:45	9								X		
4:52	10								X		
5:01	12								X		
5:06	13								X		
5:12	14								X		
5:17	15								X		

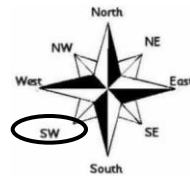
Weather Conditions

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- 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: 18 °C Relative Humidity: _____ % Barometric Pressure: _____ kPa

Notes: _____

Date Signed: October 21, 2011 Name: Jackie Miles Signature: Jackie Miles

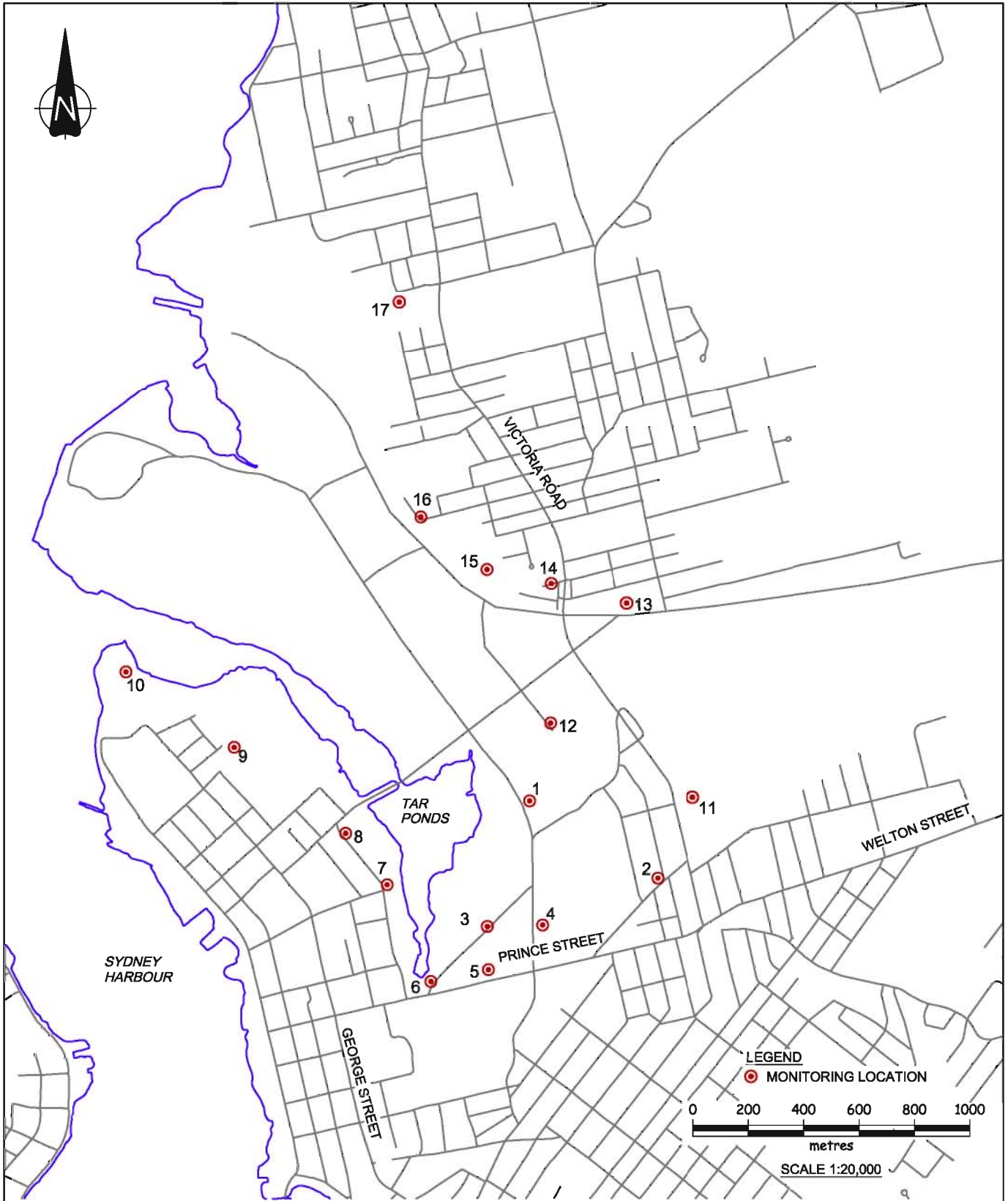


Figure 1

Community Odour Monitoring Circuit
 Sydney Tar Ponds and Coke Ovens Cleanup
Sydney, Nova Scotia



Location No.	Description	Latitude (Degrees (°) Minutes (') Seconds ("))	Longitude (Degrees (°) Minutes (') Seconds ("))
01	STPA Parking Lot	N46° 8' 42.89"	W60° 11' 0.08"
02	FAST Furniture	N46° 8' 33.76"	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	Boston Pizza	N46° 8' 23.25"	W60° 11' 7.48"
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	Harbourside Elementary School	N46° 9' 41.50"	W60° 11' 20.68"

Odor Descriptors

