



MEMORANDUM

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

From: Dawn MacNeil

Date: November 7, 2011

Subject: Odour Monitoring Daily Report; November 5, 2011

Weather Conditions	Partly Cloudy
Precipitation	None/Rain, Sleet, Snow in the afternoon
Wind Direction	North/North West
Wind Speed	Strong Winds (25 km/h or higher)
Temperature	2 C

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

Please find attached:

- Odour Monitoring Data Sheets for November 5, 2011
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: November 5, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:05	1								X		
7:11	2								X		
7:17	3								X		
7:22	4								X		
7:27	5								X		
7:33	6								X		
7:39	7								X		
7:46	8								X		
7:53	9								X		
7:59	10							X		515	WWTP
8:26	11								X		
8:34	12								X		
8:47	13								X		
8:54	14								X		
9:00	15								X		
9:05	16								X		
9:13	17								X		

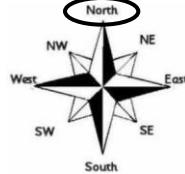
Weather Conditions

- 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: 2 °C Relative Humidity: 83 %

Barometric Pressure: 101.44 kPa

Notes: 8:11 am Vulcan Ave – No detection
8:17 am Coke Ovens security trailer – non-detect
8:14 am Frederick St. – non-detect

Date Signed: November 5, 2011

Name: Gloria Paul

Signature: Jackie Milos



ODOUR MONITORING DATA SHEET

DATE: November 5, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:23	1								X		
9:29	2								X		
9:36	3								X		
9:42	4								X		
9:47	5								X		
9:53	6								X		
10:00	7								X		
10:06	8								X		
10:13	9								X		
10:19	10								X		
10:51	11								X		
11:00	12								X		
11:15	13								X		
11:21	14								X		
11:27	15								X		
11:33	16								X		
11:40	17								X		

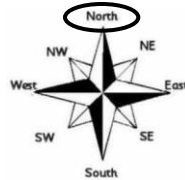
Weather Conditions

- 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: 2 °C Relative Humidity: 82 %

Barometric Pressure: 101.35 kPa

Notes: Picked up a slight odour off Vulcan Ave. on Ash St. at 10:28 am. (Less than 2)
10:40 am coke ovens site – non-detect
11:07 am Frederick St. – non-detect

The source of the odour at 10:28 on Ash St. was from the Coke Ovens site as Hazco was moving material. (Wind was From the North

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ODOUR MONITORING DATA SHEET

DATE: November 5, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
11:50	1								X		
11:57	2								X		
12:03	3								X		
12:09	4								X		
12:14	5								X		
12:20	6								X		
12:26	7								X		
12:31	8								X		
12:38	9								X		
12:44	10								X		
1:33	11								X		
1:41	12								X		
1:47	13								X		
2:00	14								X		
2:07	15								X		
2:13	16								X		
2:21	17								X		

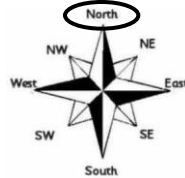
Weather Conditions

- 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: 2 °C Relative Humidity: 81 %

Barometric Pressure: 101.53 kPa

Notes: 12:55 pm Vulcan Ave. – non-detect.
1:02 pm Coke Ovens security trailer – non-detect
1:53 pm Frederick St. – non-detect

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TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
2:30	1								X		
2:37	2								X		
2:44	3								X		
2:50	4								X		
2:55	5								X		
3:01	6								X		
3:07	7								X		
3:12	8								X		
3:18	9								X		
3:25	10								X		
3:57	11								X		
4:06	12								X		
4:13	13								X		
4:24	14								X		

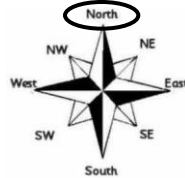
Weather Conditions

- 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: ____2____ °C Relative Humidity: ____89____ %

Barometric Pressure: ____101.69____ kPa

Notes: 3:37 pm Vulcan Ave – slight smell of bio-solve at Ash St and Vulcan Ave.
3:50 pm Coke Ovens security trailer – non-detect
4:19 pm Frederick St. non-detect

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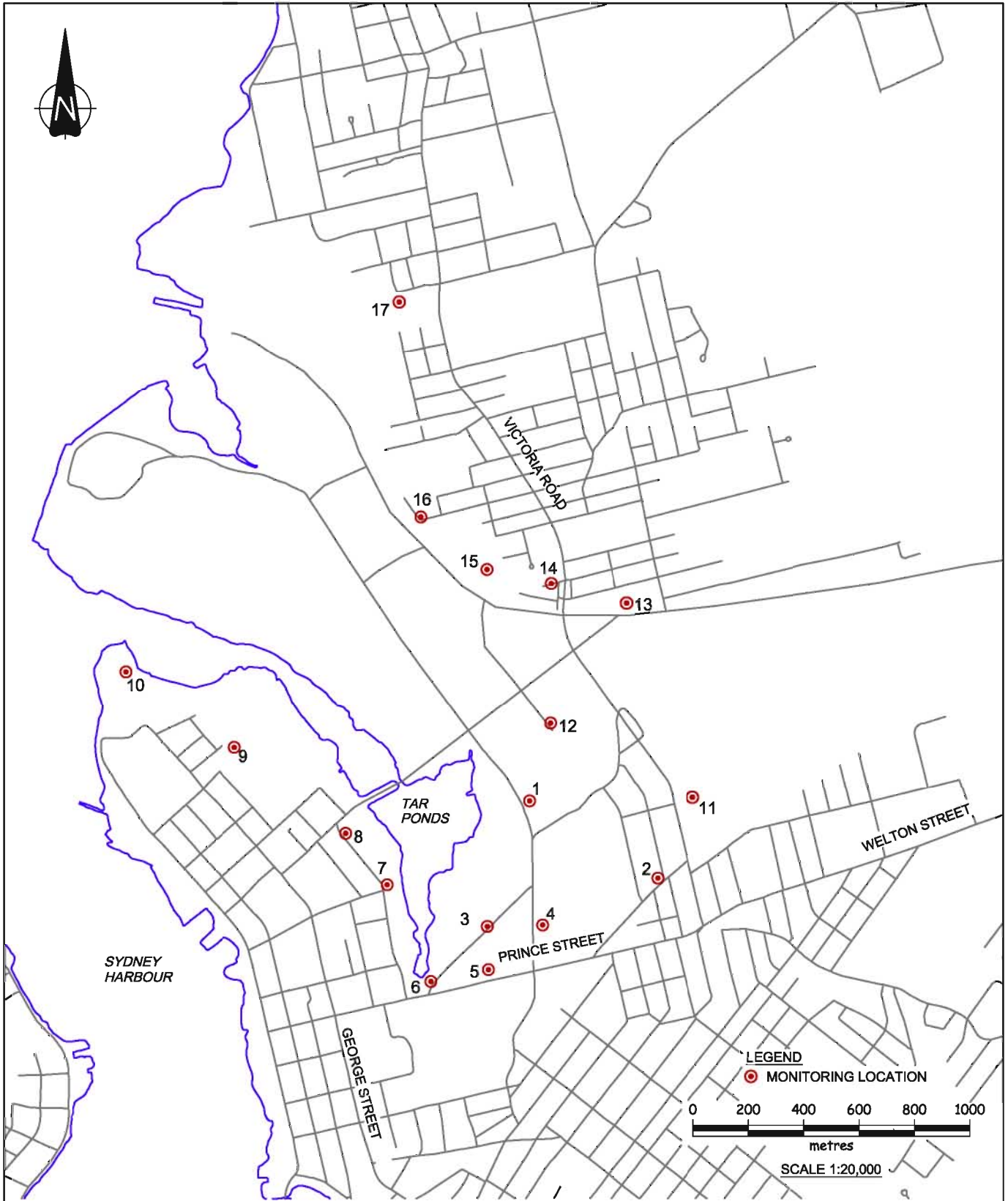


Figure 1

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

