



MEMORANDUM

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

From: Dawn MacNeil

Date: April 18, 2012

Subject: Odour Monitoring Daily Report; April 17, 2012

| | |
|---------------------------|----------------------------------|
| Weather Conditions | Mostly Cloudy |
| Precipitation | None |
| Wind Direction | South/South West |
| Wind Speed | Strong Winds (25 km/h or higher) |
| Temperature | 8°C - 15°C |

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

Please find attached:

- Odour Monitoring Data Sheets for April 17, 2012
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: April 17, 2012

| TIME | LOCATION | 60 | 30 | 15 | 7 | 4 | 2 | <2 | ND | DESCRIPTORS | COMMENTS |
|------|----------|----|----|----|---|---|---|----|----|-------------|----------|
| 7:10 | 5 | | | | | | | | X | | |
| 7:16 | 1 | | | | | | | | X | | |
| 7:23 | 2 | | | | | | | | X | | |
| 7:29 | 4 | | | | | | | | X | | |
| 7:36 | 3 | | | | | | | | X | | |
| 7:42 | 6 | | | | | | | | X | | |
| 7:48 | 7 | | | | | | | | X | | |
| 7:55 | 8 | | | | | | | | X | | |
| 8:01 | 9 | | | | | | | | X | | |
| 8:08 | 10 | | | | | | | | X | | |
| 8:17 | 12 | | | | | | | | X | | |
| 8:23 | 17 | | | | | | | | X | | |
| 8:28 | 13 | | | | | | | | X | | |
| 8:34 | 14 | | | | | | | | X | | |
| 8:40 | 15 | | | | | | | | X | | |
| 8:46 | 16 | | | | | | | | X | | |
| 8:55 | 11 | | | | | | | | X | | |

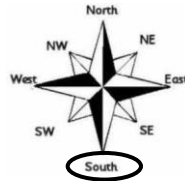
Weather Conditions

- 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: 8 °C Relative Humidity: 78 %

Barometric Pressure: 102.18 kPa

Notes:

Date Signed: April 17, 2012

Name: Jackie Miles

Signature: Jackie Miles



ODOUR MONITORING DATA SHEET

DATE: April 17, 2012

| TIME | LOCATION | 60 | 30 | 15 | 7 | 4 | 2 | <2 | ND | DESCRIPTORS | COMMENTS |
|-------|----------|----|----|----|---|---|---|----|----|-------------|----------|
| 9:02 | 5 | | | | | | | | X | | |
| 9:08 | 1 | | | | | | | | X | | |
| 9:14 | 2 | | | | | | | | X | | |
| 9:19 | 4 | | | | | | | | X | | |
| 9:25 | 3 | | | | | | | | X | | |
| 9:31 | 6 | | | | | | | | X | | |
| 9:37 | 7 | | | | | | | | X | | |
| 9:42 | 8 | | | | | | | | X | | |
| 9:47 | 9 | | | | | | | | X | | |
| 9:53 | 10 | | | | | | | | X | | |
| 10:02 | 12 | | | | | | | | X | | |
| 10:08 | 17 | | | | | | | | X | | |
| 10:13 | 13 | | | | | | | | X | | |
| 10:21 | 14 | | | | | | | | X | | |
| 10:28 | 15 | | | | | | | | X | | |
| 10:34 | 16 | | | | | | | | X | | |
| 10:41 | 11 | | | | | | | | X | | |

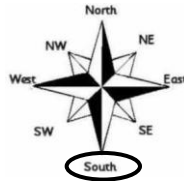
Weather Conditions

- 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: 9 °C Relative Humidity: 72 %

Barometric Pressure: 102.20 kPa

Notes:

Date Signed: April 17, 2012

Name: Jackie Miles

Signature: Jackie Miles



ODOUR MONITORING DATA SHEET

DATE: April 17, 2012

| TIME | LOCATION | 60 | 30 | 15 | 7 | 4 | 2 | <2 | ND | DESCRIPTORS | COMMENTS |
|-------|----------|----|----|----|---|---|---|----|----|-------------|---------------------------------|
| 10:52 | 5 | | | | | | | | X | | |
| 10:58 | 1 | | | | | | | | X | | |
| 11:04 | 2 | | | | | | | | X | | |
| 11:11 | 4 | | | | | | | | X | | |
| 11:18 | 3 | | | | | | | | X | | |
| 11:23 | 6 | | | | | | | | X | | |
| 11:30 | 7 | | | | | | | | X | | |
| 11:37 | 8 | | | | | | | X | | 722 | Not site related – Roof tarring |
| 11:42 | 9 | | | | | | | | X | | |
| 11:49 | 10 | | | | | | | | X | | |
| 12:45 | 12 | | | | | | | | X | | |
| 12:52 | 17 | | | | | | | | X | | |
| 12:59 | 13 | | | | | | | | X | | |
| 1:05 | 14 | | | | | | | | X | | |
| 1:12 | 15 | | | | | | | | X | | |
| 1:19 | 16 | | | | | | | | X | | |
| 1:27 | 11 | | | | | | | | X | | |

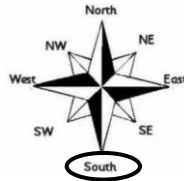
Weather Conditions

- 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: 60 %

Barometric Pressure: 102.11 kPa

Notes:

Date Signed: April 17, 2012

Name: Jackie Miles

Signature: Jackie Miles



ODOUR MONITORING DATA SHEET

DATE: April 17, 2012

| TIME | LOCATION | 60 | 30 | 15 | 7 | 4 | 2 | <2 | ND | DESCRIPTORS | COMMENTS |
|------|----------|----|----|----|---|---|---|----|----|-------------|---------------------------------|
| 1:36 | 5 | | | | | | | | X | | |
| 1:42 | 1 | | | | | | | | X | | |
| 1:48 | 2 | | | | | | | | X | | |
| 1:55 | 4 | | | | | | | | X | | |
| 2:01 | 3 | | | | | | | | X | | |
| 2:08 | 6 | | | | | | | | X | | |
| 2:14 | 7 | | | | | | | | X | | |
| 2:21 | 8 | | | | | | | X | | | Not site related – Roof tarring |
| 2:29 | 9 | | | | | | | | X | | |
| 2:37 | 10 | | | | | | | | X | | |
| 2:47 | 12 | | | | | | | | X | | |
| 2:55 | 17 | | | | | | | | X | | |
| 3:01 | 13 | | | | | | | | X | | |
| 3:07 | 14 | | | | | | | | X | | |
| 3:14 | 15 | | | | | | | | X | | |
| 3:20 | 16 | | | | | | | | X | | |
| 3:28 | 11 | | | | | | | | X | | |

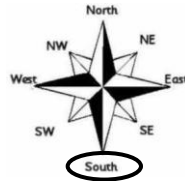
Weather Conditions

- 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: 15 °C Relative Humidity: 48 %

Barometric Pressure: 102.07 kPa

Notes:

Date Signed: April 17, 2012

Name: Jackie Miles

Signature: Jackie Miles



ODOUR MONITORING DATA SHEET

DATE: April 17, 2012

| TIME | LOCATION | 60 | 30 | 15 | 7 | 4 | 2 | <2 | ND | DESCRIPTORS | COMMENTS |
|------|----------|----|----|----|---|---|---|----|----|-------------|----------|
| 3:37 | 5 | | | | | | | | X | | |
| 3:43 | 1 | | | | | | | | X | | |
| 3:50 | 2 | | | | | | | | X | | |
| 3:56 | 4 | | | | | | | | X | | |
| 4:02 | 3 | | | | | | | | X | | |
| 4:08 | 6 | | | | | | | | X | | |
| 4:15 | 7 | | | | | | | | X | | |
| 4:21 | 8 | | | | | | | | X | | |
| 4:27 | 9 | | | | | | | | X | | |
| 4:35 | 10 | | | | | | | | X | | |
| 4:43 | 12 | | | | | | | | X | | |
| 4:49 | 17 | | | | | | | | X | | |
| | 13 | | | | | | | | X | | |
| | 14 | | | | | | | | X | | |
| | 15 | | | | | | | | X | | |
| | 16 | | | | | | | | X | | |
| | 11 | | | | | | | | X | | |

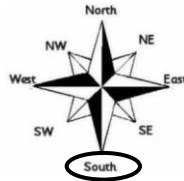
Weather Conditions

- 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: 15 °C Relative Humidity: 41 %

Barometric Pressure: 101.97 kPa

Notes:

Date Signed: April 17, 2012

Name: Jackie Miles

Signature: Jackie Miles

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

