



## MEMORANDUM

**To:** Jerome MacNeil; Donnie Burke; Geoff Verner; Ellen Gushue; Barbara Mattie  
**From:** Peter Weaver  
**Date:** October 12, 2012  
**Subject:** Odour Monitoring Daily Report; October 15, 2012

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|                           |                              |
|---------------------------|------------------------------|
| <b>Weather Conditions</b> | Partly Cloudy                |
| <b>Precipitation</b>      | None                         |
| <b>Wind Direction</b>     | South West                   |
| <b>Wind Speed</b>         | Moderate Winds (8 - 25 km/h) |
| <b>Temperature</b>        | 4 C - 11 C                   |

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

Please find attached:

- Odour Monitoring Data Sheets for October 12, 2012
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



**ODOUR MONITORING DATA SHEET**

**DATE: October 12, 2012**

| TIME | LOCATION | 60 | 30 | 15 | 7 | 4 | 2 | <2 | ND | DESCRIPTORS | COMMENTS |
|------|----------|----|----|----|---|---|---|----|----|-------------|----------|
| 7:03 | 3        |    |    |    |   |   |   |    | X  |             |          |
| 7:13 | 6        |    |    |    |   |   |   |    | X  |             |          |
| 7:21 | 7        |    |    |    |   |   |   |    | X  |             |          |
| 7:26 | 8        |    |    |    |   |   |   |    | X  |             |          |
| 7:31 | 9        |    |    |    |   |   |   |    | X  |             |          |
| 7:37 | 10       |    |    |    |   |   |   |    | X  |             |          |
| 7:57 | 12       |    |    |    |   |   |   |    | X  |             |          |
| 8:04 | 17       |    |    |    |   |   |   |    | X  |             |          |
| 8:10 | 13       |    |    |    |   |   |   |    | X  |             |          |
| 8:15 | 14       |    |    |    |   |   |   |    | X  |             |          |
| 8:20 | 15       |    |    |    |   |   |   |    | X  |             |          |
| 8:25 | 16       |    |    |    |   |   |   |    | X  |             |          |
| 8:37 | 5        |    |    |    |   |   |   |    | X  |             |          |
| 8:45 | 1        |    |    |    |   |   |   |    | X  |             |          |
| 8:52 | 11       |    |    |    |   |   |   |    | X  |             |          |
| 9:00 | 2        |    |    |    |   |   |   |    | X  |             |          |
| 9:07 | 4        |    |    |    |   |   |   |    | X  |             |          |

Weather Conditions

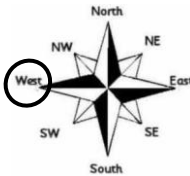
Precipitation

Wind Direction (Blowing From)

Wind Speed

- Mostly Sunny
- Partly Cloudy
- Mostly Cloudy
- Overcast
- Hazy

- None
- Fog
- Rain
- Sleet
- Snow



- Calm
- Light Breeze (1 – 8 km/h)
- Moderate Wind (8 – 25 km/h)
- Strong Winds (25 km/h or higher)

Temperature: 6 °C

Relative Humidity: 55 %

Barometric Pressure: 101.59 kpa

Notes: \_\_\_\_\_  
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 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Date Signed: October 12, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: October 12, 2012

| TIME  | LOCATION | 60 | 30 | 15 | 7 | 4 | 2 | <2 | ND | DESCRIPTORS | COMMENTS                                      |
|-------|----------|----|----|----|---|---|---|----|----|-------------|---|
| 9:25  | 3        |    |    |    |   |   |   |    | X  |             |   |
| 9:32  | 6        |    |    |    |   |   |   |    | X  |             |   |
| 9:41  | 7        |    |    |    |   |   |   | X  |    | 516         | Not site related – other activity in the area |
| 9:45  | 8        |    |    |    |   |   |   |    | X  |             |   |
| 9:51  | 9        |    |    |    |   |   |   |    | X  |             |   |
| 9:57  | 10       |    |    |    |   |   |   |    | X  |             |   |
| 10:18 | 12       |    |    |    |   |   |   |    | X  |             |   |
| 10:25 | 17       |    |    |    |   |   |   |    | X  |             |   |
| 10:31 | 13       |    |    |    |   |   |   |    | X  |             |   |
| 10:36 | 14       |    |    |    |   |   |   |    | X  |             |   |
| 10:41 | 15       |    |    |    |   |   |   | X  |    | 511         | Not site related – other activity in the area |
| 10:46 | 16       |    |    |    |   |   |   |    | X  |             |   |
| 10:55 | 5        |    |    |    |   |   |   |    | X  |             |   |
| 11:01 | 1        |    |    |    |   |   |   |    | X  |             |   |
| 11:10 | 11       |    |    |    |   |   |   |    | X  |             |   |
| 11:16 | 2        |    |    |    |   |   |   |    | X  |             |   |
| 11:21 | 4        |    |    |    |   |   |   |    | X  |             |   |

Weather Conditions

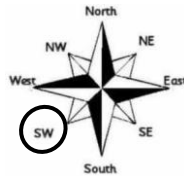
Precipitation

Wind Direction (Blowing From)

Wind Speed

- Mostly Sunny
- Partly Cloudy
- Mostly Cloudy
- Overcast
- Hazy

- None
- Fog
- Rain
- Sleet
- Snow



- 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: 72 %

Barometric Pressure: 101.66 kpa

Notes:

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Date Signed: October 12, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: October 12, 2012

| TIME  | LOCATION | 60 | 30 | 15 | 7 | 4 | 2 | <2 | ND | DESCRIPTORS | COMMENTS                                      |
|-------|----------|----|----|----|---|---|---|----|----|-------------|---|
| 11:27 | 3        |    |    |    |   |   |   |    | X  |             |   |
| 11:33 | 6        |    |    |    |   |   |   |    | X  |             |   |
| 11:38 | 7        |    |    |    |   |   |   |    | X  |             |   |
| 1:29  | 8        |    |    |    |   |   |   |    | X  |             |   |
| 1:34  | 9        |    |    |    |   |   |   |    | X  |             |   |
| 1:45  | 10       |    |    |    |   |   |   |    | X  |             |   |
| 2:10  | 12       |    |    |    |   |   |   |    | X  |             |   |
| 2:18  | 17       |    |    |    |   |   |   |    | X  |             |   |
| 2:24  | 13       |    |    |    |   |   |   |    | X  |             |   |
| 2:29  | 14       |    |    |    |   |   |   |    | X  |             |   |
| 2:34  | 15       |    |    |    |   |   |   | X  |    | 511         | Not site related – other activity in the area |
| 2:39  | 16       |    |    |    |   |   |   |    | X  |             |   |
| 2:48  | 5        |    |    |    |   |   |   |    | X  |             |   |
| 3:03  | 1        |    |    |    |   |   |   |    | X  |             |   |
| 3:10  | 11       |    |    |    |   |   |   |    | X  |             |   |
| 3:15  | 2        |    |    |    |   |   |   |    | X  |             |   |
| 3:20  | 4        |    |    |    |   |   |   |    | X  |             |   |

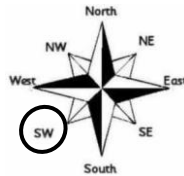
Weather Conditions

- 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:   9   °C

Relative Humidity:   55   %

Barometric Pressure:  101.65  kpa

Notes:

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Date Signed: October 12, 2012

Name: Denise Walker

Signature: Denise Walker



**ODOUR MONITORING DATA SHEET**

**DATE: October 12, 2012**

| TIME | LOCATION | 60 | 30 | 15 | 7 | 4 | 2 | <2 | ND | DESCRIPTORS | COMMENTS                                      |
|------|----------|----|----|----|---|---|---|----|----|-------------|---|
| 3:33 | 3        |    |    |    |   |   |   |    | X  |             |   |
| 3:39 | 6        |    |    |    |   |   |   |    | X  |             |   |
| 3:44 | 7        |    |    |    |   |   |   |    | X  |             |   |
| 3:49 | 8        |    |    |    |   |   |   |    | X  |             |   |
| 3:54 | 9        |    |    |    |   |   |   |    | X  |             |   |
| 3:59 | 10       |    |    |    |   |   |   |    | X  |             |   |
| 4:22 | 12       |    |    |    |   |   |   |    | X  |             |   |
| 4:29 | 17       |    |    |    |   |   |   |    | X  |             |   |
| 4:36 | 13       |    |    |    |   |   |   |    | X  |             |   |
| 4:41 | 14       |    |    |    |   |   |   |    | X  |             |   |
| 4:46 | 15       |    |    |    |   |   |   | X  |    | 511         | Not site related – other activity in the area |
| 4:51 | 16       |    |    |    |   |   |   |    | X  |             |   |
|      |          |    |    |    |   |   |   |    |    |             |   |
|      |          |    |    |    |   |   |   |    |    |             |   |
|      |          |    |    |    |   |   |   |    |    |             |   |
|      |          |    |    |    |   |   |   |    |    |             |   |
|      |          |    |    |    |   |   |   |    |    |             |   |

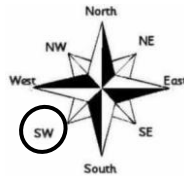
Weather Conditions

- 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: 11 °C

Relative Humidity: 77 %

Barometric Pressure: 101.23 kpa

**Notes:**

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Date Signed: October 12, 2012

Name: Denise Walker

Signature: Denise Walker



**Table 1 - Odour Monitoring Circuit  
Air Monitoring Plan - Odour (AMPO)**

| <b>Location No.</b> | <b>Description</b>                        | <b>Latitude<br/>(Degrees (°)<br/>Minutes (')<br/>Seconds (")</b> | <b>Longitude<br/>(Degrees (°)<br/>Minutes (')<br/>Seconds (")</b> |
|---------------------|---|--|---|
| 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

