# Section Four

***Quarterly Fluid Bed Incinerator***
***Sulfur and Oxides of Nitrogen Report***
***April 1, 2012 to June 30, 2012***
***40 CFR Part 61, Subpart C & E***

***Data Submitted:***

- ***Fourth Quarter analytical results***
- ***Fourth Quarter sludge charging rates***

VEOLIA WATER

# New Orleans East Bank WWTP
## SOX Emissions Report
### 4/1/2012 to 6/30/2012

| Date | Sludge Incinerated Tons | Incineration hours hrs | Burn tons hourly tons | Cake % Solids % | Belt Press Cake % % | Total Sulfur (dry weight) mg/kg | SOX emissions lbs/hr | SOX CEMS ppm | SOX Emissions lbs/hr |
|---|---|---|---|---|---|---|---|---|---|
| 4/1/2012 | 0.00 | 0.00 | | 22.2 | 60.4 | | | | |
| 4/2/2012 | 0.00 | 0.00 | | 19.2 | 62.2 | | | | |
| 4/3/2012 | 0.00 | 0.00 | | 24.1 | 58.3 | | | | |
| 4/4/2012 | 0.00 | 0.00 | | 24.2 | 57.6 | | | | |
| 4/5/2012 | 0.00 | 0.00 | | 25.9 | 55.4 | | | | |
| 4/6/2012 | 0.00 | 0.00 | | 25.2 | 55.5 | 2,880.00 | | | |
| 4/7/2012 | 0.00 | 0.00 | | 24.2 | 58.0 | | | | |
| 4/8/2012 | 0.00 | 0.00 | | 24.3 | 55.6 | | | | |
| 4/9/2012 | 0.00 | 0.00 | | 21.6 | 55.3 | | | | |
| 4/10/2012 | 0.00 | 0.00 | | 22.1 | 52.6 | 3,640.00 | | | |
| 4/11/2012 | 0.00 | 0.00 | | 20.8 | 52.8 | | | | |
| 4/12/2012 | 0.00 | 0.00 | | 21.7 | 55.1 | | | | |
| 4/13/2012 | 0.00 | 0.00 | | 23.5 | 54.6 | | | | |
| 4/14/2012 | 0.00 | 0.00 | | 21.4 | 57.9 | | | | |
| 4/15/2012 | 0.00 | 0.00 | | 21.0 | 57.0 | | | | |
| 4/16/2012 | 0.00 | 0.00 | | 22.0 | 58.7 | | | | |
| 4/17/2012 | 0.00 | 0.00 | | 22.3 | 59.6 | 4,760.00 | | | |
| 4/18/2012 | 0.00 | 0.00 | | 24.2 | 53.1 | | | | |
| 4/19/2012 | 0.00 | 0.00 | | 21.6 | 53.8 | | | | |
| 4/20/2012 | 0.00 | 0.00 | | 23.7 | 55.8 | | | | |
| 4/21/2012 | 0.00 | 0.00 | | 21.4 | 57.2 | | | | |
| 4/22/2012 | 0.00 | 0.00 | | 20.5 | 56.5 | | | | |
| 4/23/2012 | 0.00 | 0.00 | | 20.2 | 56.6 | | | | |
| 4/24/2012 | 0.00 | 0.00 | | 22.0 | 56.6 | 3,050.00 | | | |
| 4/25/2012 | 0.00 | 0.00 | | 22.0 | 55.4 | | | | |
| 4/26/2012 | 0.00 | 0.00 | | 21.9 | 55.1 | | | | |
| 4/27/2012 | 0.00 | 0.00 | | 20.9 | 57.9 | | | | |
| 4/28/2012 | 0.00 | 0.00 | | 19.1 | 58.1 | | | | |
| 4/29/2012 | 0.00 | 0.00 | | 21.0 | 56.2 | | | | |
| 4/30/2012 | 0.00 | 0.00 | | 19.0 | 58.2 | | | | |
| 5/1/2012 | 0.00 | 0.00 | | 20.6 | 57.3 | 4,050.00 | | | |
| 5/2/2012 | 0.00 | 0.00 | | 20.3 | 57.4 | | | | |
| 5/3/2012 | 0.00 | 0.00 | | 21.7 | 50.7 | | | | |
| 5/4/2012 | 0.00 | 0.00 | | 20.2 | 57.6 | | | | |
| 5/5/2012 | 0.00 | 0.00 | | 20.2 | 60.3 | | | | |
| 5/6/2012 | 0.00 | 0.00 | | 21.1 | 52.5 | | | | |
| 5/7/2012 | 0.00 | 0.00 | | 20.1 | 59.5 | | | | |
| 5/8/2012 | 18.26 | 17.40 | 1.05 | 19.6 | 60.0 | 3,800.00 | 6.38 | | |
| 5/9/2012 | 25.60 | 23.30 | 1.10 | 19.9 | 58.2 | | | | |
| 5/10/2012 | 27.48 | 23.40 | 1.17 | 20.5 | 57.9 | | | | |
| 5/11/2012 | 23.73 | 22.50 | 1.05 | 20.0 | 60.0 | | | | |
| 5/12/2012 | 25.20 | 22.60 | 1.12 | 21.4 | 59.2 | | | | |
| 5/13/2012 | 27.12 | 22.00 | 1.23 | 20.7 | 59.7 | 2,670.00 | 5.27 | | |
| 5/14/2012 | 21.34 | 19.70 | 1.08 | 20.9 | 59.5 | | | | |
| 5/15/2012 | 26.33 | 22.70 | 1.16 | 19.4 | 58.9 | | | | |
| 5/16/2012 | 0.00 | 0.00 | | 19.4 | 59.5 | | | | |
| 5/17/2012 | 0.00 | 0.00 | | 19.6 | 58.9 | | | | |
| 5/18/2012 | 0.00 | 0.00 | | 19.7 | 58.9 | | | | |
| 5/19/2012 | 0.00 | 0.00 | | 19.3 | 52.3 | | | | |
| 5/20/2012 | 0.00 | 0.00 | | 18.5 | 51.5 | | | | |
| 5/21/2012 | 0.00 | 0.00 | | 19.3 | 54.0 | | | | |
| 5/22/2012 | 0.00 | 0.00 | | 18.6 | 59.9 | | | | |
| 5/23/2012 | 0.00 | 0.00 | | 20.5 | 56.0 | | | | |
| 5/24/2012 | 0.00 | 0.00 | | 20.9 | 60.1 | 1,060.00 | | | |
| 5/25/2012 | 0.00 | 0.00 | | 20.8 | 58.5 | | | | |

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|---|---|---|---|---|---|---|---|---|---|
| 5/26/2012 | 0.00 | 0.00 | | 20.7 | 59.9 | | | | |
| 5/27/2012 | 0.00 | 0.00 | | 20.5 | 55.0 | | | | |
| 5/28/2012 | 0.00 | 0.00 | | 20.4 | 59.6 | | | | |
| 5/29/2012 | 0.00 | 0.00 | | 20.2 | 59.5 | 1,780.00 | | | |
| 5/30/2012 | 0.00 | 0.00 | | 21.5 | 55.0 | | | | |
| 5/31/2012 | 0.00 | 0.00 | | 21.8 | 55.6 | | | | |
| 6/1/2012 | 0.00 | 0.00 | | 22.6 | 56.2 | | | | |
| 6/2/2012 | 0.00 | 0.00 | | 22.2 | 57.5 | | | | |
| 6/3/2012 | 0.00 | 0.00 | | | | | | | |
| 6/4/2012 | 0.00 | 0.00 | | | | | | | |
| 6/5/2012 | 0.00 | 0.00 | | | | | | | |
| 6/6/2012 | 0.00 | 0.00 | | | | | | | |
| 6/7/2012 | 0.00 | 0.00 | | 19.8 | 59.6 | | | | |
| 6/8/2012 | 0.00 | 0.00 | | 21.2 | 59.6 | 7,000.00 | | | |
| 6/9/2012 | 0.00 | 0.00 | | 20.4 | 56.8 | | | | |
| 6/10/2012 | 0.00 | 0.00 | | | | | | | |
| 6/11/2012 | 0.00 | 0.00 | | | | | | | |
| 6/12/2012 | 0.00 | 0.00 | | 21.4 | 55.5 | 5,000.00 | | | |
| 6/13/2012 | 0.00 | 0.00 | | 20.0 | 55.4 | | | | |
| 6/14/2012 | 0.00 | 0.00 | | 20.0 | 55.3 | | | | |
| 6/15/2012 | 0.00 | 0.00 | | 18.7 | 55.5 | | | | |
| 6/16/2012 | 0.00 | 0.00 | | | | | | | |
| 6/17/2012 | 0.00 | 0.00 | | | | | | | |
| 6/18/2012 | 0.00 | 0.00 | | 24.5 | 48.2 | | | | |
| 6/19/2012 | 22.67 | 19.30 | 1.17 | 21.4 | 53.7 | | | 0.0 | 0.0 |
| 6/20/2012 | 24.83 | 24.00 | 1.03 | 23.7 | 54.6 | | | 3.5 | 0.3 |
| 6/21/2012 | 25.89 | 24.00 | 1.08 | 24.4 | 52.5 | | | 32.0 | 2.3 |
| 6/22/2012 | 27.86 | 23.40 | 1.19 | 25.7 | 54.5 | | | 7.8 | 0.6 |
| 6/23/2012 | 27.49 | 23.70 | 1.16 | 23.0 | 55.2 | 2,700.00 | 5.01 | 7.6 | 0.6 |
| 6/24/2012 | 28.33 | 23.20 | 1.22 | 23.5 | 55.7 | | | 5.6 | 0.4 |
| 6/25/2012 | 25.89 | 24.00 | 1.08 | 22.9 | 54.9 | | | 2.3 | 0.2 |
| 6/26/2012 | 30.00 | 23.90 | 1.26 | 21.9 | 56.3 | | | 3.2 | 0.2 |
| 6/27/2012 | 30.47 | 23.50 | 1.30 | 21.2 | 56.4 | | | 2.1 | 0.2 |
| 6/28/2012 | 22.13 | 20.90 | 1.06 | 19.6 | 57.7 | | | 0.3 | 0.0 |
| 6/29/2012 | 24.51 | 22.20 | 1.10 | 19.8 | 57.2 | 2,980.00 | 5.26 | 0.0 | 0.0 |
| 6/30/2012 | 27.59 | 22.90 | 1.20 | 20.8 | 56.8 | | | 0.0 | 0.0 |

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|---|---|---|---|---|---|---|---|---|---|
| Minimum | 0.00 | 0.00 | 1.03 | 18.5 | 48.2 | 1,060.00 | 5.01 | 0.0 | 0.0 |
| Maximum | 30.47 | 24.00 | 1.30 | 25.9 | 62.2 | 7,000.00 | 6.38 | 32.0 | 2.3 |
| Average | 5.63 | 8.97 | 1.14 | 21.3 | 56.7 | 3,490.00 | 5.48 | 5.4 | 0.4 |
| Sum | 512.72 | 448.60 | 22.83 | 1,770.2 | 4,705.1 | 45,370.00 | 21.92 | 64.4 | 4.7 |

# New Orleans East Bank WWTP
## NOx Emissions Report
### 4/1/2012 to 6/30/2012

| Date | NOx lb/hr | Oxides of Nitrogen mg/L | Burn Tons tons | Incinerator Temperatur F | Air Flow SCFM |
|---|---|---|---|---|---|
| 4/1/2012 | | | 0.00 | | |
| 4/2/2012 | | | 0.00 | | |
| 4/3/2012 | | | 0.00 | | |
| 4/4/2012 | | | 0.00 | | |
| 4/5/2012 | | | 0.00 | | |
| 4/6/2012 | | | 0.00 | | |
| 4/7/2012 | | | 0.00 | | |
| 4/8/2012 | | | 0.00 | | |
| 4/9/2012 | | | 0.00 | | |
| 4/10/2012 | | | 0.00 | | |
| 4/11/2012 | | | 0.00 | | |
| 4/12/2012 | | | 0.00 | | |
| 4/13/2012 | | | 0.00 | | |
| 4/14/2012 | | | 0.00 | | |
| 4/15/2012 | | | 0.00 | | |
| 4/16/2012 | | | 0.00 | | |
| 4/17/2012 | | | 0.00 | | |
| 4/18/2012 | | | 0.00 | | |
| 4/19/2012 | | | 0.00 | | |
| 4/20/2012 | | | 0.00 | | |
| 4/21/2012 | | | 0.00 | | |
| 4/22/2012 | | | 0.00 | | |
| 4/23/2012 | | | 0.00 | | |
| 4/24/2012 | | | 0.00 | | |
| 4/25/2012 | | | 0.00 | | |
| 4/26/2012 | | | 0.00 | | |
| 4/27/2012 | | | 0.00 | | |
| 4/28/2012 | | | 0.00 | | |
| 4/29/2012 | | | 0.00 | | |
| 4/30/2012 | | | 0.00 | | |
| 5/1/2012 | | | 0.00 | | |
| 5/2/2012 | | | 0.00 | | |
| 5/3/2012 | | | 0.00 | | |
| 5/4/2012 | | | 0.00 | | |
| 5/5/2012 | | | 0.00 | | |
| 5/6/2012 | | | 0.00 | | |
| 5/7/2012 | | | 0.00 | | |
| 5/8/2012 | 1.6 | 32.00 | 18.26 | 1,507.50 | 7,192.40 |
| 5/9/2012 | 1.8 | 33.80 | 25.60 | 1,431.20 | 7,238.00 |
| 5/10/2012 | 1.4 | 27.10 | 27.48 | 1,432.90 | 7,286.00 |
| 5/11/2012 | 1.2 | 23.40 | 23.73 | 1,394.00 | 7,360.60 |
| 5/12/2012 | 1.3 | 24.40 | 25.20 | 1,397.80 | 7,412.90 |
| 5/13/2012 | 1.5 | 28.00 | 27.12 | 1,409.50 | 7,399.70 |
| 5/14/2012 | 1.4 | 26.90 | 21.34 | 1,419.80 | 7,446.50 |
| 5/15/2012 | 2.0 | 37.70 | 26.33 | 1,464.00 | 7,334.50 |
| 5/16/2012 | | | 0.00 | | |
| 5/17/2012 | | | 0.00 | | |
| 5/18/2012 | | | 0.00 | | |
| 5/19/2012 | | | 0.00 | | |
| 5/20/2012 | | | 0.00 | | |
| 5/21/2012 | | | 0.00 | | |
| 5/22/2012 | | | 0.00 | | |
| 5/23/2012 | | | 0.00 | | |
| 5/24/2012 | | | 0.00 | | |
| 5/25/2012 | | | 0.00 | | |
| 5/26/2012 | | | 0.00 | | |

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|---|---|---|---|---|---|
| 5/27/2012 | | | 0.00 | | |
| 5/28/2012 | | | 0.00 | | |
| 5/29/2012 | | | 0.00 | | |
| 5/30/2012 | | | 0.00 | | |
| 5/31/2012 | | | 0.00 | | |
| 6/1/2012 | | | 0.00 | | |
| 6/2/2012 | | | 0.00 | | |
| 6/3/2012 | | | 0.00 | | |
| 6/4/2012 | | | 0.00 | | |
| 6/5/2012 | | | 0.00 | | |
| 6/6/2012 | | | 0.00 | | |
| 6/7/2012 | | | 0.00 | | |
| 6/8/2012 | | | 0.00 | | |
| 6/9/2012 | | | 0.00 | | |
| 6/10/2012 | | | 0.00 | | |
| 6/11/2012 | | | 0.00 | | |
| 6/12/2012 | | | 0.00 | | |
| 6/13/2012 | | | 0.00 | | |
| 6/14/2012 | | | 0.00 | | |
| 6/15/2012 | | | 0.00 | | |
| 6/16/2012 | | | 0.00 | | |
| 6/17/2012 | | | 0.00 | | |
| 6/18/2012 | | | 0.00 | | |
| 6/19/2012 | 3.2 | 63.60 | 22.67 | 1,517.30 | 7,010.30 |
| 6/20/2012 | 3.7 | 70.30 | 24.83 | 1,512.10 | 7,258.10 |
| 6/21/2012 | 3.5 | 68.00 | 25.89 | 1,504.00 | 7,243.70 |
| 6/22/2012 | 3.5 | 67.20 | 27.86 | 1,498.80 | 7,321.20 |
| 6/23/2012 | 3.7 | 71.30 | 27.49 | 1,498.70 | 7,341.40 |
| 6/24/2012 | 3.6 | 68.20 | 28.33 | 1,485.00 | 7,374.10 |
| 6/25/2012 | 3.5 | 68.20 | 25.89 | 1,479.70 | 7,196.90 |
| 6/26/2012 | 3.6 | 67.80 | 30.00 | 1,467.50 | 7,456.00 |
| 6/27/2012 | 3.8 | 70.00 | 30.47 | 1,460.00 | 7,549.90 |
| 6/28/2012 | 3.4 | 63.60 | 22.13 | 1,464.50 | 7,500.30 |
| 6/29/2012 | 3.4 | 63.00 | 24.51 | 1,460.80 | 7,469.70 |
| 6/30/2012 | 3.6 | 66.00 | 27.59 | 1,457.90 | 7,515.60 |

| | | | | | |
|---|---|---|---|---|---|
| Minimum | 1.2 | 23.40 | 0.00 | 1,394.00 | 7,010.30 |
| Maximum | 3.8 | 71.30 | 30.47 | 1,517.30 | 7,549.90 |
| Average | 2.7 | 52.03 | 5.63 | 1,463.15 | 7,345.39 |
| Sum | 54.7 | 1,040.50 | 512.72 | 29,263.00 | 146,907.80 |