# Section One

***Title V / 503 Regulation's Report***
***April 1, 2012 to June 30, 2012***
***40 CFR Part 60, Subpart A&O***

***Data Submitted:***

- ***Scrubber differential pressure***
- ***Scrubber exhaust oxygen level***
- ***Scrubber exhaust CO level***
- ***Scrubber exhaust Nox level***
- ***Incineration hours per day***
- ***Scrubber gas outlet temperature***
- ***Heat exchanger gas in and out temperatures***
- ***Air flow through incinerator***
- ***Bed and freeboard temperatures***
- ***Rate of sludge charged into the incinerator***
- ***Moisture and volatile solids content***
- ***Dry tons incinerated***

# New Orleans East Bank WWTP
# Fluid Bed Incinerator Monthly Report

| Date | Sludge Incinerated Tons | Landfill Disposal tons | Cake % Solids % | Belt Press Cake % Volatile Solids % | Incineration hours hrs | Oxygen Dry (CEMS) % | Carbon Monoxide Emissions mg/L | Oxides of Nitrogen Emissions mg/L | Incinerator Temperature F | Air Flow SCFM | Heat Exchanger gas out temperature F | Heat Exchanger Gas in Temp F | Ventrui Outlet Temp F | Total Scrubber DP "WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4/1/2012 | 0.00 | | 22.2 | 60.4 | 0.00 | | | | | | | | | |
| 4/2/2012 | 0.00 | 33.98 | 19.2 | 62.2 | 0.00 | | | | | | | | | |
| 4/3/2012 | 0.00 | 17.05 | 24.1 | 58.3 | 0.00 | | | | | | | | | |
| 4/4/2012 | 0.00 | 10.85 | 24.2 | 57.6 | 0.00 | | | | | | | | | |
| 4/5/2012 | 0.00 | 34.19 | 25.9 | 55.4 | 0.00 | | | | | | | | | |
| 4/6/2012 | 0.00 | 47.95 | 25.2 | 55.5 | 0.00 | | | | | | | | | |
| 4/7/2012 | 0.00 | | 24.2 | 58.0 | 0.00 | | | | | | | | | |
| 4/8/2012 | 0.00 | | 24.3 | 55.6 | 0.00 | | | | | | | | | |
| 4/9/2012 | 0.00 | 14.59 | 21.6 | 55.3 | 0.00 | | | | | | | | | |
| 4/10/2012 | 0.00 | 31.95 | 22.1 | 52.6 | 0.00 | | | | | | | | | |
| 4/11/2012 | 0.00 | 15.56 | 20.8 | 52.8 | 0.00 | | | | | | | | | |
| 4/12/2012 | 0.00 | 36.90 | 21.7 | 55.1 | 0.00 | | | | | | | | | |
| 4/13/2012 | 0.00 | 34.94 | 23.5 | 54.6 | 0.00 | | | | | | | | | |
| 4/14/2012 | 0.00 | 45.11 | 21.4 | 57.9 | 0.00 | | | | | | | | | |
| 4/15/2012 | 0.00 | | 21.0 | 57.0 | 0.00 | | | | | | | | | |
| 4/16/2012 | 0.00 | 46.26 | 22.0 | 58.7 | 0.00 | | | | | | | | | |
| 4/17/2012 | 0.00 | 54.03 | 22.3 | 59.6 | 0.00 | | | | | | | | | |
| 4/18/2012 | 0.00 | 33.76 | 24.2 | 53.1 | 0.00 | | | | | | | | | |
| 4/19/2012 | 0.00 | 51.09 | 21.6 | 53.8 | 0.00 | | | | | | | | | |
| 4/20/2012 | 0.00 | 59.20 | 23.7 | 55.8 | 0.00 | | | | | | | | | |
| 4/21/2012 | 0.00 | 33.68 | 21.4 | 57.2 | 0.00 | | | | | | | | | |
| 4/22/2012 | 0.00 | | 20.5 | 56.5 | 0.00 | | | | | | | | | |
| 4/23/2012 | 0.00 | 45.88 | 20.2 | 56.6 | 0.00 | | | | | | | | | |
| 4/24/2012 | 0.00 | 43.96 | 22.0 | 56.6 | 0.00 | | | | | | | | | |
| 4/25/2012 | 0.00 | 56.80 | 22.0 | 55.4 | 0.00 | | | | | | | | | |
| 4/26/2012 | 0.00 | 47.99 | 21.9 | 55.1 | 0.00 | | | | | | | | | |
| 4/27/2012 | 0.00 | 36.85 | 20.9 | 57.9 | 0.00 | | | | | | | | | |
| 4/28/2012 | 0.00 | 21.44 | 19.1 | 58.1 | 0.00 | | | | | | | | | |
| 4/29/2012 | 0.00 | | 21.0 | 56.2 | 0.00 | | | | | | | | | |
| 4/30/2012 | 0.00 | 25.19 | 19.0 | 58.2 | 0.00 | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Minimum | 0.00 | 10.85 | 19.0 | 52.6 | 0.00 | | | | | | | | | |
| Maximum | 0.00 | 59.20 | 25.9 | 62.2 | 0.00 | | | | | | | | | |
| Total | 0.00 | 879.17 | 663.2 | 1,697.1 | 0.00 | | | | | | | | | |
| Average | 0.00 | 36.63 | 22.1 | 56.6 | 0.00 | | | | | | | | | |

# New Orleans East Bank WWTP
# Fluid Bed Incinerator Monthly Report

| Date | Sludge Incinerated Tons | Landfill Disposal tons | Cake % Solids % | Belt Press Cake % Volatile Solids % | Incineration hours hrs | Oxygen Dry (CEMS) % | Carbon Monoxide Emissions mg/L | Oxides of Nitrogen Emissions mg/L | Incinerator Temperature F | Air Flow SCFM | Heat Exchanger gas out temperature F | Heat Exchanger Gas in Temp F | Ventrui Outlet Temp F | Total Scrubber DP "WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5/1/2012 | 0.00 | 30.47 | 20.6 | 57.3 | | | | | | | | | | |
| 5/2/2012 | 0.00 | 46.86 | 20.3 | 57.4 | | | | | | | | | | |
| 5/3/2012 | 0.00 | 46.51 | 21.7 | 50.7 | | | | | | | | | | |
| 5/4/2012 | 0.00 | 44.93 | 20.2 | 57.6 | | | | | | | | | | |
| 5/5/2012 | 0.00 | 43.50 | 20.2 | 60.3 | | | | | | | | | | |
| 5/6/2012 | 0.00 | | 21.1 | 52.5 | | | | | | | | | | |
| 5/7/2012 | 0.00 | 45.28 | 20.1 | 59.5 | | | | | | | | | | |
| 5/8/2012 | 18.26 | 36.30 | 19.6 | 60.0 | 17.40 | 7.50 | 9.60 | 32.00 | 1,507.50 | 7,192.40 | 1,529.00 | 1,639.80 | 163.40 | 44.2 |
| 5/9/2012 | 25.60 | 4.18 | 19.9 | 58.2 | 23.30 | 4.30 | 12.30 | 33.80 | 1,431.20 | 7,238.00 | 1,594.70 | 1,686.00 | 176.50 | 44.4 |
| 5/10/2012 | 27.48 | | 20.5 | 57.9 | 23.40 | 4.30 | 17.40 | 27.10 | 1,432.90 | 7,286.00 | 1,563.10 | 1,652.50 | 176.40 | 44.5 |
| 5/11/2012 | 23.73 | | 20.0 | 60.0 | 22.50 | 4.30 | 36.30 | 23.40 | 1,394.00 | 7,360.60 | 1,539.10 | 1,623.20 | 176.30 | 44.6 |
| 5/12/2012 | 25.20 | | 21.4 | 59.2 | 22.60 | 4.30 | 31.60 | 24.40 | 1,397.80 | 7,412.90 | 1,548.80 | 1,633.40 | 175.70 | 44.6 |
| 5/13/2012 | 27.12 | | 20.7 | 59.7 | 22.00 | 3.30 | 22.80 | 28.00 | 1,409.50 | 7,399.70 | 1,604.70 | 1,675.80 | 176.70 | 44.8 |
| 5/14/2012 | 21.34 | 6.22 | 20.9 | 59.5 | 19.70 | 5.10 | 13.30 | 26.90 | 1,419.80 | 7,446.50 | 1,586.10 | 1,659.80 | 172.50 | 44.7 |
| 5/15/2012 | 26.33 | | 19.4 | 58.9 | 22.70 | 3.60 | 11.30 | 37.70 | 1,464.00 | 7,334.50 | 1,646.70 | 1,724.40 | 174.30 | 44.9 |
| 5/16/2012 | 0.00 | 23.46 | 19.4 | 59.5 | | | | | | | | | | |
| 5/17/2012 | 0.00 | 36.13 | 19.6 | 58.9 | | | | | | | | | | |
| 5/18/2012 | 0.00 | 40.01 | 19.7 | 58.9 | | | | | | | | | | |
| 5/19/2012 | 0.00 | 28.37 | 19.3 | 52.3 | | | | | | | | | | |
| 5/20/2012 | 0.00 | | 18.5 | 51.5 | | | | | | | | | | |
| 5/21/2012 | 0.00 | 26.78 | 19.3 | 54.0 | | | | | | | | | | |
| 5/22/2012 | 0.00 | 24.99 | 18.6 | 59.9 | | | | | | | | | | |
| 5/23/2012 | 0.00 | 27.11 | 20.5 | 56.0 | | | | | | | | | | |
| 5/24/2012 | 0.00 | 27.36 | 20.9 | 60.1 | | | | | | | | | | |
| 5/25/2012 | 0.00 | 30.36 | 20.8 | 58.5 | | | | | | | | | | |
| 5/26/2012 | 0.00 | 24.71 | 20.7 | 59.9 | | | | | | | | | | |
| 5/27/2012 | 0.00 | | 20.5 | 55.0 | | | | | | | | | | |
| 5/28/2012 | 0.00 | 24.97 | 20.4 | 59.6 | | | | | | | | | | |
| 5/29/2012 | 0.00 | 27.70 | 20.2 | 59.5 | | | | | | | | | | |
| 5/30/2012 | 0.00 | 39.50 | 21.5 | 55.0 | | | | | | | | | | |
| 5/31/2012 | 0.00 | 39.12 | 21.8 | 55.6 | | | | | | | | | | |
| Minimum | 0.00 | 4.18 | 18.5 | 50.7 | 17.40 | 3.30 | 9.60 | 23.40 | 1,394.00 | 7,192.40 | 1,529.00 | 1,623.20 | 163.40 | 44.2 |
| Maximum | 27.48 | 46.86 | 21.8 | 60.3 | 23.40 | 7.50 | 36.30 | 37.70 | 1,507.50 | 7,446.50 | 1,646.70 | 1,724.40 | 176.70 | 44.9 |
| Total | 195.07 | 724.82 | 628.3 | 1,782.9 | 173.60 | 36.70 | 154.60 | 233.30 | 11,456.70 | 58,670.60 | 12,612.20 | 13,294.90 | 1,391.80 | 356.7 |
| Average | 6.29 | 31.51 | 20.3 | 57.5 | 21.70 | 4.59 | 19.33 | 29.16 | 1,432.09 | 7,333.83 | 1,576.53 | 1,661.86 | 173.98 | 44.6 |

# New Orleans East Bank WWTP
# Fluid Bed Incinerator Monthly Report

| Date | Sludge Incinerated Tons | Landfill Disposal tons | Cake % Solids % | Belt Press Cake % Volatile Solids % | Incineration hours hrs | Oxygen Dry (CEMS) % | Carbon Monoxide Emissions mg/L | Oxides of Nitrogen Emissions mg/L | Incinerator Temperature F | Air Flow SCFM | Heat Exchanger gas out temperature F | Heat Exchanger Gas in Temp F | Ventrui Outlet Temp F | Total Scrubber DP "WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6/1/2012 | 0.00 | 37.03 | 22.6 | 56.2 | | | | | | | | | | |
| 6/2/2012 | 0.00 | 19.81 | 22.2 | 57.5 | | | | | | | | | | |
| 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 | 18.49 | 19.8 | 59.6 | | | | | | | | | | |
| 6/8/2012 | 0.00 | 19.22 | 21.2 | 59.6 | | | | | | | | | | |
| 6/9/2012 | 0.00 | 18.73 | 20.4 | 56.8 | | | | | | | | | | |
| 6/10/2012 | 0.00 | | | | | | | | | | | | | |
| 6/11/2012 | 0.00 | | | | | | | | | | | | | |
| 6/12/2012 | 0.00 | 13.58 | 21.4 | 55.5 | | | | | | | | | | |
| 6/13/2012 | 0.00 | 30.29 | 20.0 | 55.4 | | | | | | | | | | |
| 6/14/2012 | 0.00 | 36.46 | 20.0 | 55.3 | | | | | | | | | | |
| 6/15/2012 | 0.00 | 24.56 | 18.7 | 55.5 | | | | | | | | | | |
| 6/16/2012 | 0.00 | | | | | | | | | | | | | |
| 6/17/2012 | 0.00 | | | | | | | | | | | | | |
| 6/18/2012 | 0.00 | 20.86 | 24.5 | 48.2 | | | | | | | | | | |
| 6/19/2012 | 22.67 | | 21.4 | 53.7 | 19.30 | 10.80 | 10.10 | 63.60 | 1,517.30 | 7,010.30 | 1,039.50 | 1,577.40 | 158.30 | 44.0 |
| 6/20/2012 | 24.83 | | 23.7 | 54.6 | 24.00 | 9.80 | 12.30 | 70.30 | 1,512.10 | 7,258.10 | 1,108.90 | 1,635.00 | 176.50 | 44.3 |
| 6/21/2012 | 25.89 | | 24.4 | 52.5 | 24.00 | 9.60 | 12.30 | 68.00 | 1,504.00 | 7,243.70 | 1,114.40 | 1,617.00 | 171.70 | 44.3 |
| 6/22/2012 | 27.86 | | 25.7 | 54.5 | 23.40 | 9.40 | 15.50 | 67.20 | 1,498.80 | 7,321.20 | 1,112.70 | 1,632.10 | 161.50 | 43.8 |
| 6/23/2012 | 27.49 | | 23.0 | 55.2 | 23.70 | 9.00 | 13.00 | 71.30 | 1,498.70 | 7,341.40 | 1,123.20 | 1,642.50 | 165.80 | 43.6 |
| 6/24/2012 | 28.33 | | 23.5 | 55.7 | 23.20 | 8.60 | 12.70 | 68.20 | 1,485.00 | 7,374.10 | 1,130.20 | 1,653.70 | 171.30 | 44.5 |
| 6/25/2012 | 25.89 | | 22.9 | 54.9 | 24.00 | 8.70 | 23.00 | 68.20 | 1,479.70 | 7,196.90 | 1,121.10 | 1,619.70 | 178.50 | 44.4 |
| 6/26/2012 | 30.00 | | 21.9 | 56.3 | 23.90 | 7.70 | 34.40 | 67.80 | 1,467.50 | 7,456.00 | 1,123.10 | 1,615.40 | 183.80 | 44.6 |
| 6/27/2012 | 30.47 | | 21.2 | 56.4 | 23.50 | 9.10 | 34.40 | 70.00 | 1,460.00 | 7,549.90 | 1,134.00 | 1,628.20 | 183.80 | 44.7 |
| 6/28/2012 | 22.13 | | 19.6 | 57.7 | 20.90 | 17.50 | 27.70 | 63.60 | 1,464.50 | 7,500.30 | 1,094.20 | 1,610.40 | 178.40 | 44.5 |
| 6/29/2012 | 24.51 | | 19.8 | 57.2 | 22.20 | 18.50 | 17.00 | 63.00 | 1,460.80 | 7,469.70 | 1,082.70 | 1,607.10 | 171.40 | 44.5 |
| 6/30/2012 | 27.59 | | 20.8 | 56.8 | 22.90 | 18.80 | 16.20 | 66.00 | 1,457.90 | 7,515.60 | 1,102.30 | 1,613.80 | 173.20 | 44.6 |
| | | | | | | | | | | | | | | |
| Minimum | 0.00 | 13.58 | 18.7 | 48.2 | 19.30 | 7.70 | 10.10 | 63.00 | 1,457.90 | 7,010.30 | 1,039.50 | 1,577.40 | 158.30 | 43.6 |
| Maximum | 30.47 | 37.03 | 25.7 | 59.6 | 24.00 | 18.80 | 34.40 | 71.30 | 1,517.30 | 7,549.90 | 1,134.00 | 1,653.70 | 183.80 | 44.7 |
| Total | 317.64 | 239.04 | 478.7 | 1,225.1 | 275.00 | 137.50 | 228.60 | 807.20 | 17,806.30 | 88,237.20 | 13,286.30 | 19,452.30 | 2,074.20 | 531.8 |
| Average | 10.59 | 23.90 | 21.8 | 55.7 | 22.92 | 11.46 | 19.05 | 67.27 | 1,483.86 | 7,353.10 | 1,107.19 | 1,621.03 | 172.85 | 44.3 |