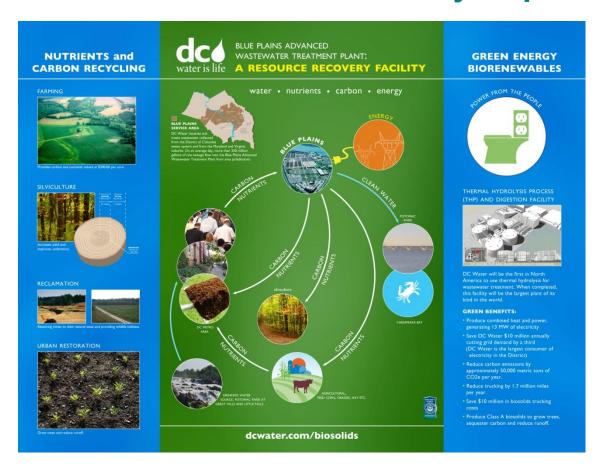


December, 2016

Biosolids Resource Recovery Monthly Report



DC Water

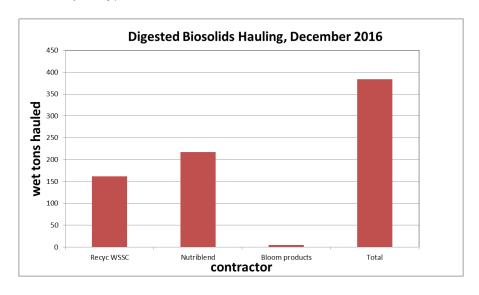
Resource Recovery Division 5000 Overlook Avenue SW Washington, DC 20032 202-787-4329; 202-787-4226 (fax) cpeot@dcwater.com

The mission of the DC Water biosolids management program is to provide reliable, diversified, flexible, sustainable, environmentally sound, publicly acceptable, and cost-effective reuse of the biosolids assets produced by the Blue Plains Resource Recovery Plant while helping preserve agriculture and protect the Chesapeake Bay.

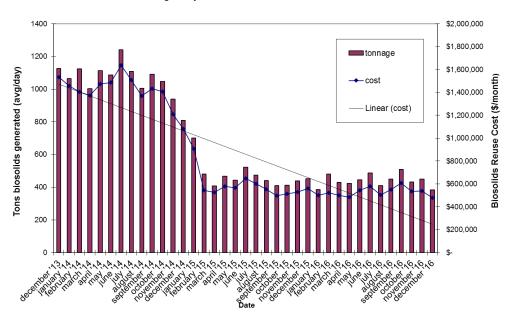


December 2016 Resource Recovery Report

In December, biosolids hauling averaged 384 wet tons per day (wtpd). The graph below shows the total hauling by contractor for the month of December. The average percent solids for the digested material was 30.2%. At the end of December the Cumberland County storage pad had 2608 tons (~25,000 tons capacity), Cedarville lagoon had zero tons of Blue Plains biosolids (~30,000 tons capacity), Goochland pad had zero tons, and Fauquier lagoon had 462 tons (~15,000 tons capacity).



Average Daily Biosolids Production and Reuse Cost

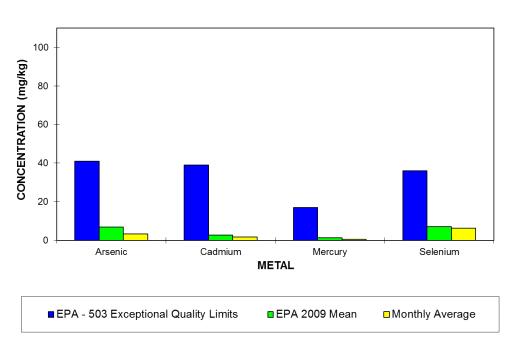


In December, diesel prices averaged \$2.65/gallon and with the contractual fuel surcharge the weighted average biosolids reuse cost was \$39.77 wet ton.

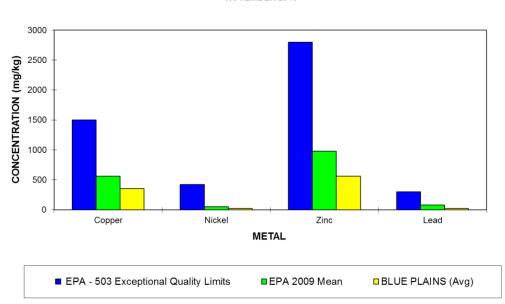
Product Quality

The graph below show the EPA regulated heavy metals in the Blue Plains biosolids for the month of November 2016. As can be seen in the graphs, the Blue Plains levels are considerably below the regulated exceptional quality limits and the national average.

BLUE PLAINS BIOSOLIDS METALS COMPARISON NOVEMBER 2016

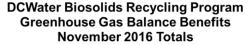


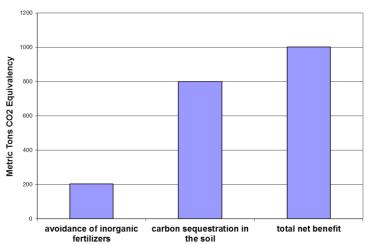
BLUE PLAINS BIOSOLIDS METALS COMPARISON NOVEMBER 2016



Environmental Benefits

The quantity land applied in November coming directly from the plant and from storage facilities equaled 1002 tons. Taking into account the fuel required to transport biosolids to the field, the net benefit of the land applied material is 896 metric tons CO₂ equivalent avoided emissions. This is equivalent to taking 2,042,743 car miles off the road in the month of November (assumes 20 mpg, 19.4 lb CO₂ equivalent emissions/gallon gas – EPA estimate). The cumulative total avoided carbon emission since, January 2006 is 151,984 metric tons CO₂ equivalent.





Biosolids Applications and Agricultural \$'s for November 2016

