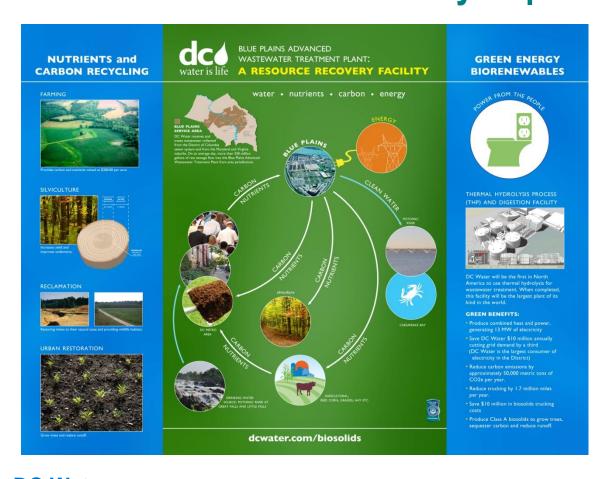


August, 2015

Biosolids Resource Recovery Monthly Report



DC Water

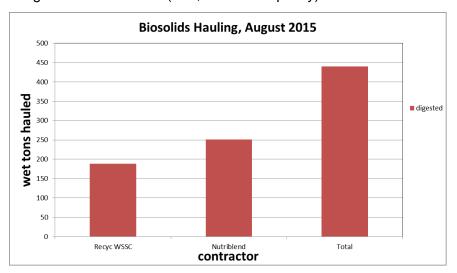
Resource Recovery Division 5000 Overlook Avenue SW Washington, DC 20032 202-787-4329; 202-787-4226 (fax) cpeot@dcwater.com

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.

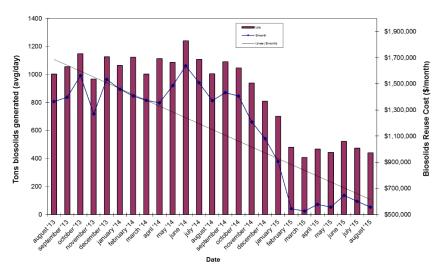


August 2015 Resource Recovery Report

In August, biosolids hauling averaged 440 wet tons per day (wtpd). The graph below shows the total hauling by contractor for the month of August. The average percent solids for the digested material was 31.9%. At the end of August the Cumberland County storage pad had approximately 2000 tons (~25,000 tons capacity), Cedarville lagoon had approximately 2026 tons of Blue Plains biosolids (~30,000 tons capacity), and Fauguier lagoon had 2355 tons (~15,000 tons capacity).



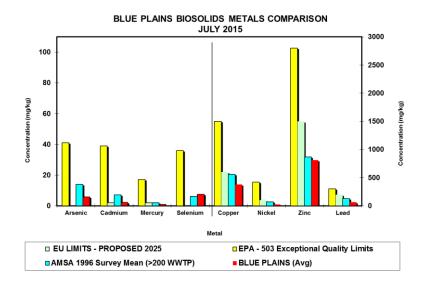
Average Daily Biosolids Production and Reuse Cost



Please note the drop in biosolids management costs (second graph below, right vertical axis) due to the reduction in solids production since digesters came on line, and also due to the drop in fuel costs. In August, diesel prices averaged \$2.81/gallon and with the contractual fuel surcharge the weighted average biosolids reuse cost in August for the two contracts (DC Water and WSSC) was \$40.66/wet ton. For comparison, in August 2014 the average diesel price was \$3.98/gal and the average contract cost was \$43.86/wet ton.

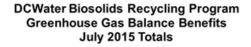
The graphs below show the EPA regulated heavy metals in the Blue Plains biosolids for

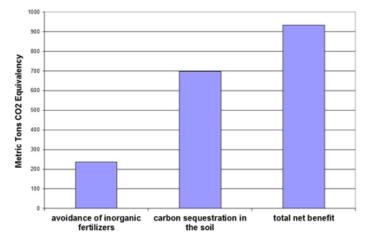
the month of July 2015. As can be seen in the graphs, the Blue Plains levels are considerably below the regulated exceptional quality limits, the national average levels surveyed in 1996, and the European Union (EU) limits. The EU limits are more conservative than the USEPA limits, and Blue Plains biosolids metals content is lower than the EU standards as well.



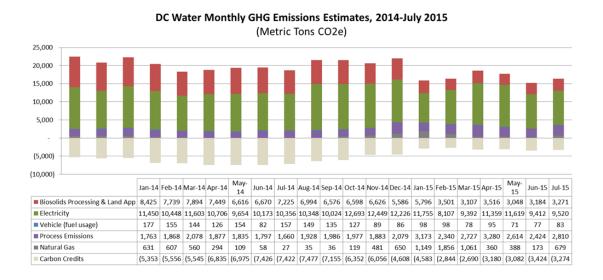
Environmental Benefits

The quantity land applied in July coming directly from the plant and from storage facilities equaled 13,222 tons. Taking into account the fuel required to transport biosolids to the field, the net benefit of the land applied material is 933 metric tons CO_2 equivalent avoided emissions. This is equivalent to taking 2,856,41,900,590 car miles off the road in the month of July (assumes 20 mpg, 19.4 lb CO_2 equivalent emissions/gallon gas – EPA estimate). The cumulative total avoided carbon emission since December, 2006 is 142,000 metric tons CO_2 equivalent.





The graph below shows the monthly calculated carbon footprint for DC Water. The bar graph is broken down by source of emission. The model also contains data for each department within DC Water.



Map of Blue Plains Biosolids Applications and Agricultural \$'s for July 2015

