

November, 2006

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# Biosolids Division Monthly Report

Submitted to:

**Glenn S. Gerstell**  
Chairman of the Board

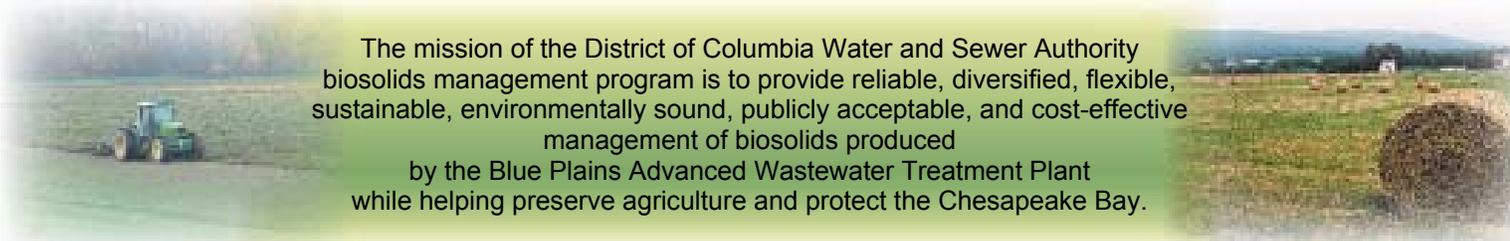
Submitted by:

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## District of Columbia Water and Sewer Authority

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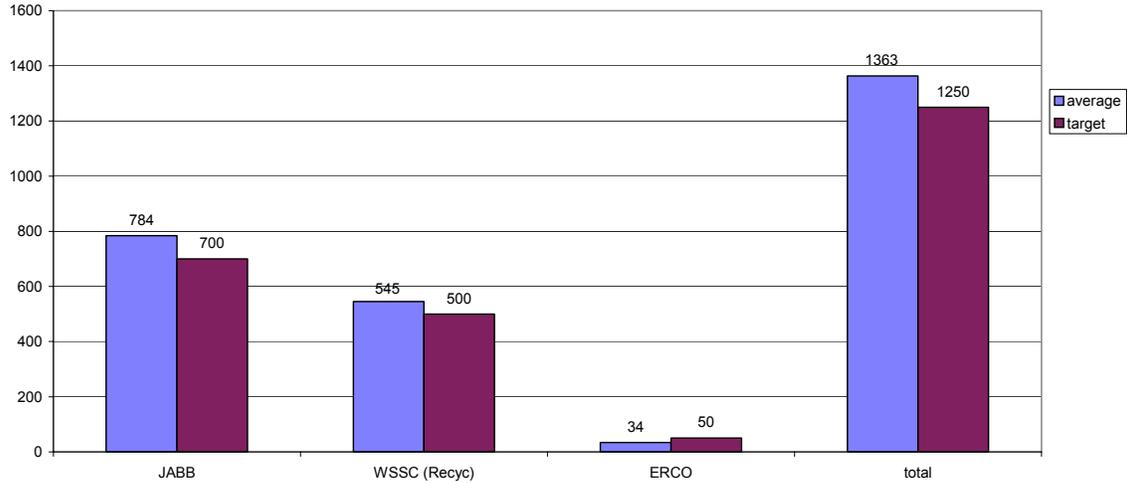
A photograph of a rural agricultural landscape. In the foreground, a green tractor is working in a field. To the right, there is a large, round hay bale. The background shows a line of trees and a clear sky.

The mission of the District of Columbia Water and Sewer Authority biosolids management program is to provide reliable, diversified, flexible, sustainable, environmentally sound, publicly acceptable, and cost-effective management of biosolids produced by the Blue Plains Advanced Wastewater Treatment Plant while helping preserve agriculture and protect the Chesapeake Bay.

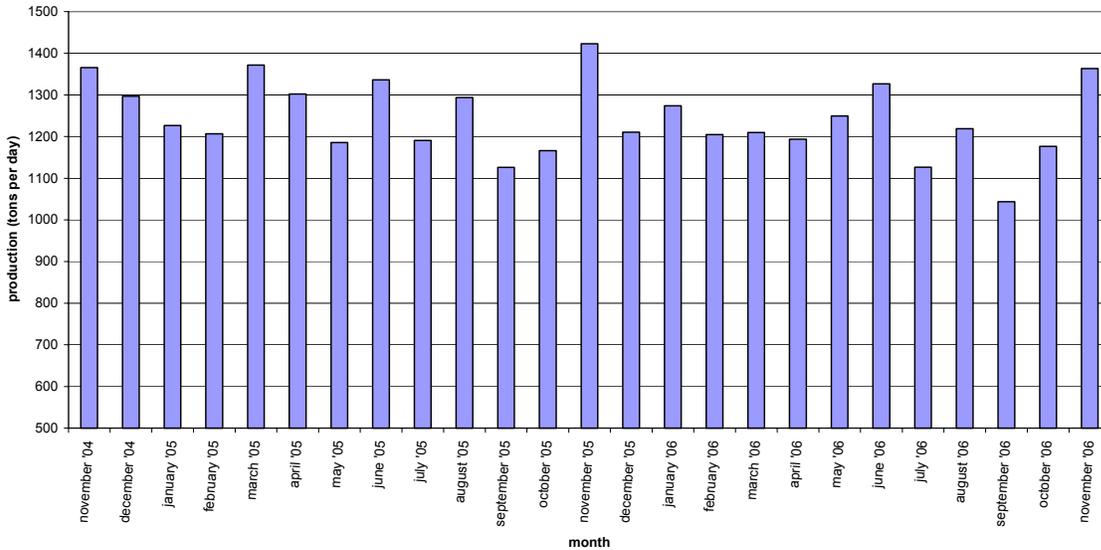
# November 2006 Blue Plains Biosolids Report

In November, biosolids hauling averaged 1363 wet tons per day. The graph below shows the hauling by contractor for the month of November. A second graph shows the average daily production per month for the previous 24-month period.

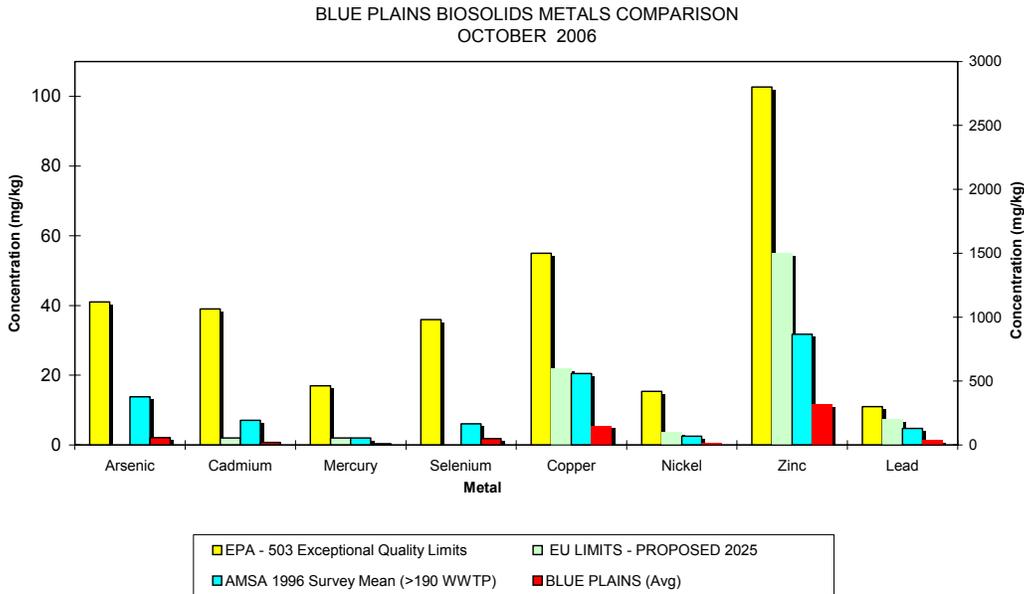
Average Daily Hauling by Contractor for November, 2006



Average Daily Biosolids Production



The graphs below show the EPA regulated heavy metals in the Blue Plains biosolids for the month of October 2006. As can be seen in the graphs, the Blue Plains levels are considerably below the regulated exceptional quality limits, the AMSA average levels surveyed in 1996, and even the proposed 2025 European Union (EU) limits.



## HIGHLIGHTS

Staff brought the Biosolids Information booth to the Virginia Association of Counties (VACO) annual conference this month. The booth was staffed, at different times, by DCWASA, Maryland Environmental Services (our inspectors), Virginia Biosolids Council, and a VACO member in order to give the conference participants a variety of perspectives on biosolids recycling. Staff made several contacts and agreed to forward information to individuals interested in the biosolids issue.

Staff participated in a second regulatory task force meeting with Maryland Department of the Environment (MDE) staff, other generators, and contractors to discuss and review the regulations. The task force is working with MDE to streamline the regulations and simplify the permitting process while ensuring protection of waterways, limiting nuisance, and committing to recycle biosolids in a responsible manner. Subgroups within the task force formed to look at specific issues. DCWASA staff will provide input on several subgroups.

Staff attended a forum entitled “Endocrine Disruptors: What We Know & What We Don't” on November 16 in Frederick, Maryland. The University of Maryland Mid Atlantic Regional Water Program sponsored the forum. The intent was to bring researchers together to discuss the issue and how it affects the regions waters. DCWASA was represented by staff and by a University of Maryland researcher and her students. DCWASA is currently funding two related projects with USDA/U of MD entitled “Environmental Fate of Brominated Flame Retardants from Biosolids Land Application Programs” and “Assessing the Fate of Triclosan and Triclocarbon in a WWTP with Emphasis on Sludge Processing and Land Application of Biosolids”. These studies are underway and results are expected in the coming year.

# Map of Blue Plains Biosolids Applications and Agricultural \$'s for October 2006

