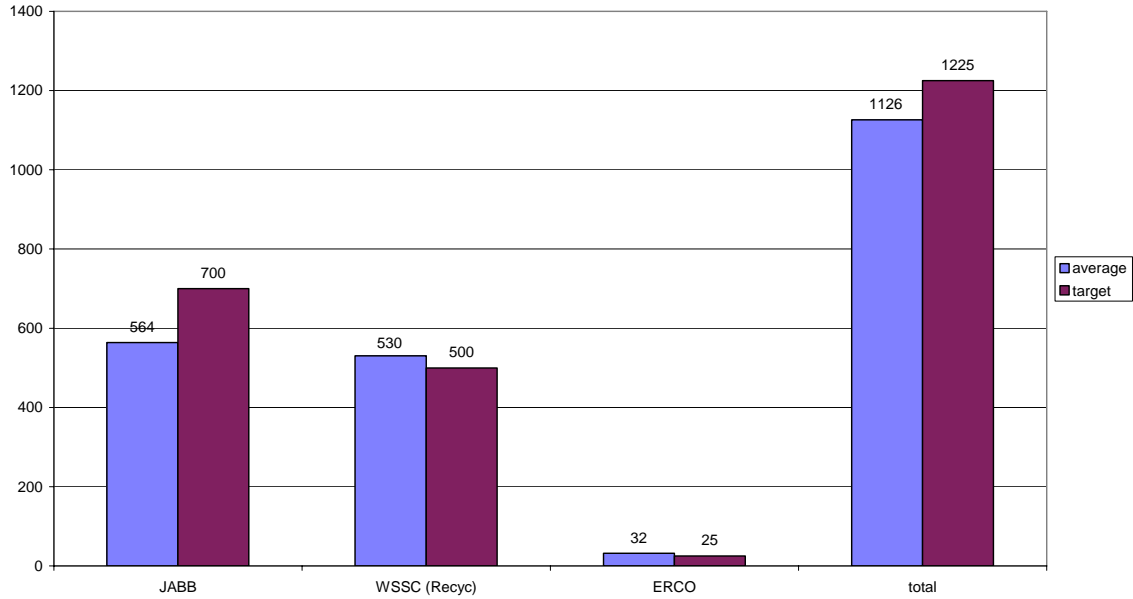


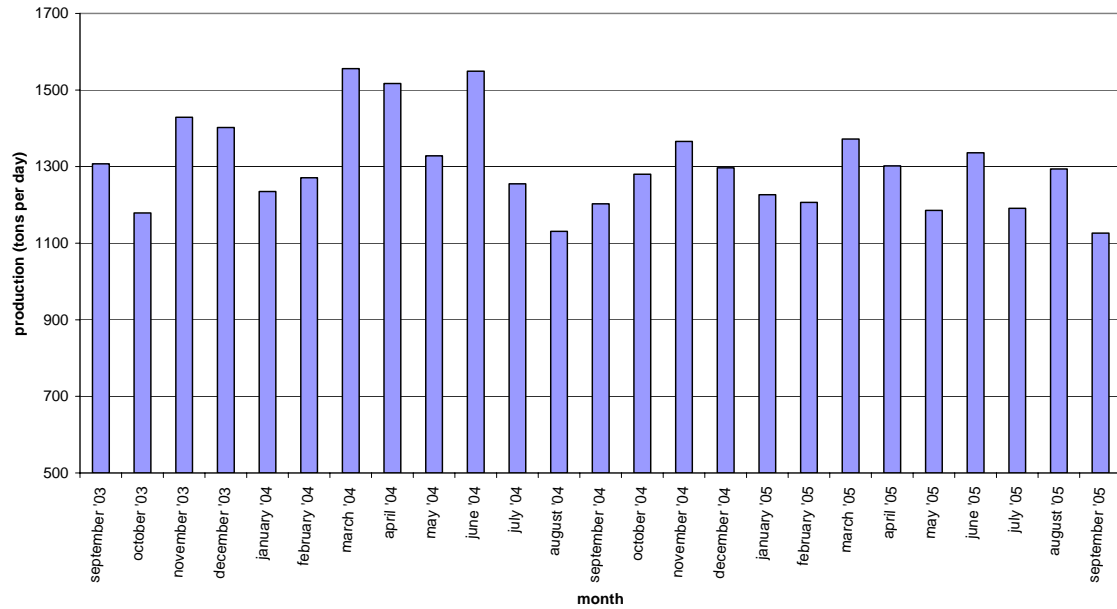
September 2005 Blue Plains Biosolids Report

In September, biosolids hauling averaged 1126 wet tons per day. The graph below shows the hauling by contractor for the month of September. A second graph shows the average daily production per month for the previous 12-month period.

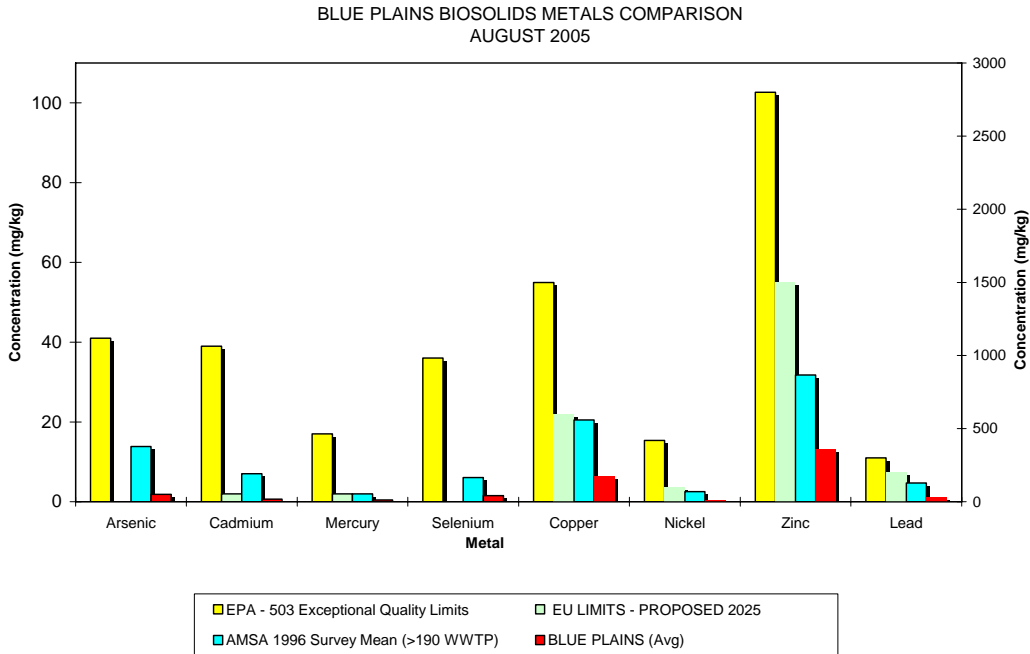
Average Daily Hauling by Contractor for September, 2005



Average Daily Biosolids Production



The graphs below show the EPA regulated heavy metals in the Blue Plains biosolids for the month of August 2005. 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 led an odor mitigation and prediction workshop at the annual Northwest Biosolids Management Association (NBMA) in Washington State on September 13th. The workshop focused on research sponsored by DCWASA and the Blue Plains users, and featured the Blue Plains Biosolids Management Program as an example of how a plant can positively affect the odor of a biosolids product.

Staff, acting as president and chair of the research committee for the Mid Atlantic Biosolids Association, hosted the annual MABA Research Symposium in the WASA boardroom on September 28th. Important research on the processes of biosolids production and utilization has occurred over the past several years in the Mid Atlantic region. The symposium focused on practical new tools for effectively mitigating odors, reducing pathogens, developing new outlets, and addressing public concerns for recycling programs. The symposium featured a segment allowing feedback from stakeholders from different areas (concerned citizens, industry, regulators, and the press). Staff invited Rev. Gayl Fowler of Lancaster County, VA to attend and give her perspective. Rev. Fowler is concerned with rural well contamination, and has concerns about the land application of biosolids. She attended and offered her perspective and suggestions, which were greatly appreciated. Below is a list of the presenters.

Rolf Halden, *Johns Hopkins University*, Measuring Anti-bacterial Agents in Biosolids and Predicting Their Environmental Fate

John Novak, *Virginia Tech*, Testing of New Approaches for Improved Digestion for Reducing Odors and Pathogens

Metin Duran, *Villanova University*, Using High Temperatures for Improved Anaerobic Digestion

Dwight Bowman, *Cornell University*, Report on Microbiological Issues: from parasites to prions

Steve Dentel, *University of Delaware*, The State of Research into Polymer Chemistry

Matt Higgins, *Bucknell*, Dewatering and Post-processing Treatment for Reducing Odors and Pathogens

Amit Pramanik, *WERF Technical Director*, WERF's Timely Response project

Robin Brandt, *Penn State University*, Predicting Environmental Pathways of Biosolids-borne Phosphorus

Erik Ervin, *Virginia Tech*. Effects of Biosolids Applications on Inducing Drought Stress Tolerance

Jonathan Kayes, *University of Maryland*. Experience with Deep Row Trenching of Biosolids for Poplar Plantations

Rick Stehouwer, *Penn State University*. A Report from European on Organic Waste Management

Map of Blue Plains Biosolids Applications and Agricultural \$'s for August 2005

