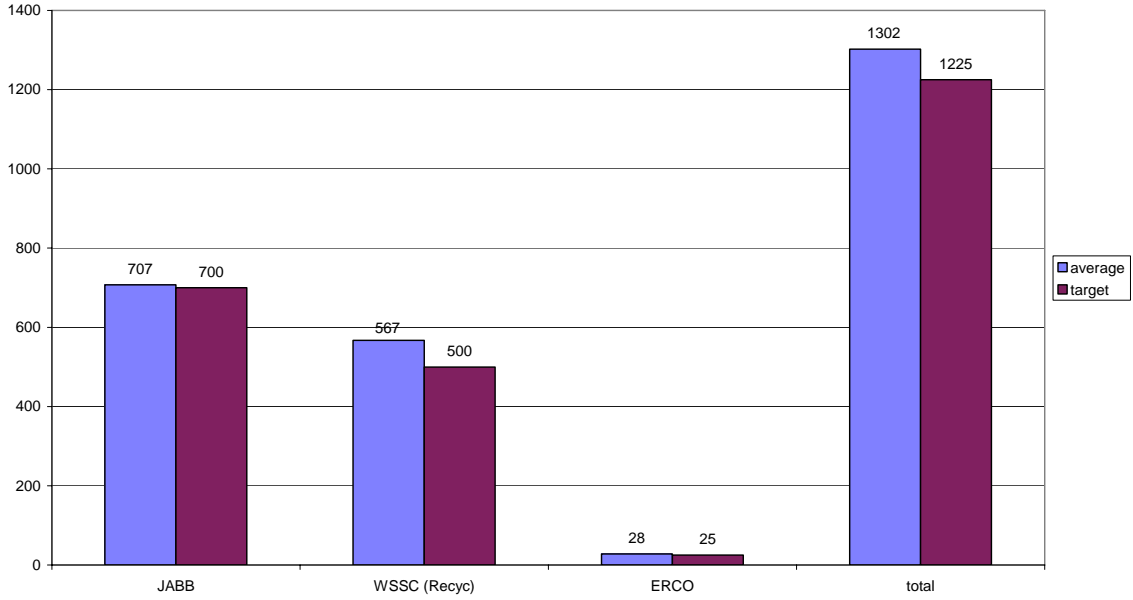


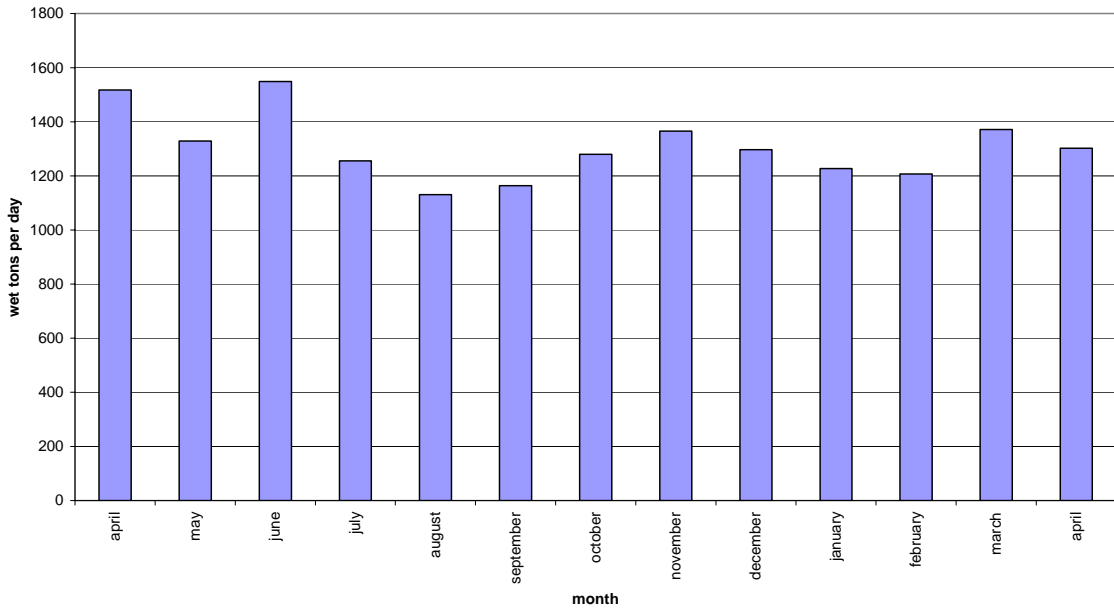
April 2005 Blue Plains Biosolids Report

In April, biosolids hauling averaged 1302 wet tons per day. The graph below shows the hauling by contractor for the month of April. A second graph shows the average daily production per month for the previous 12-month period.

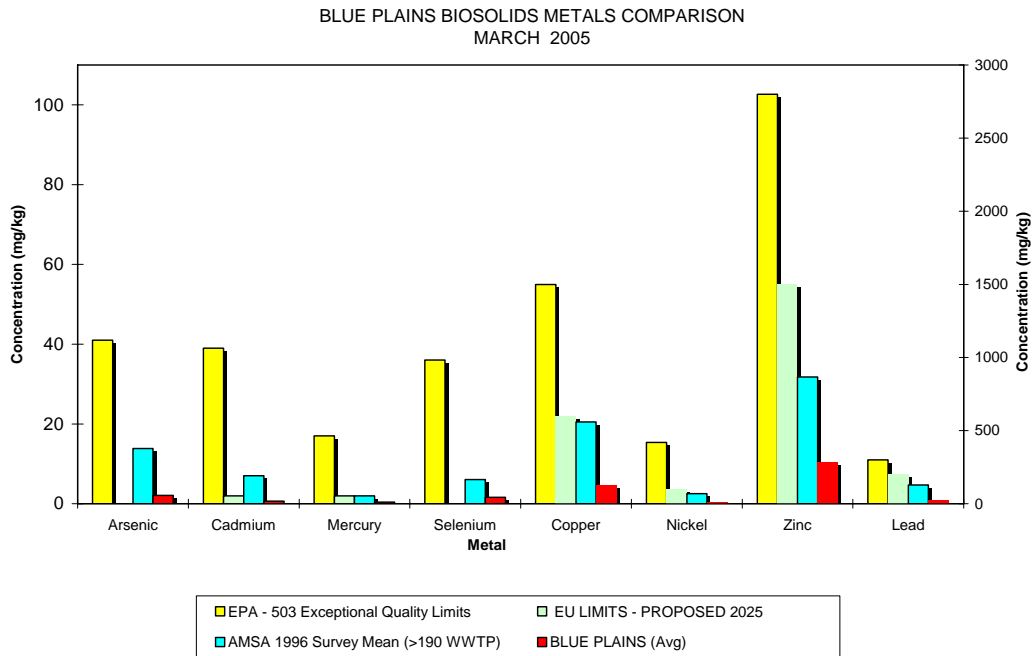
Average Daily Hauling by Contractor for April, 2005



12 Month Average Monthly Biosolids Production



The graphs below show the EPA regulated heavy metals in the Blue Plains biosolids for the month of March 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 attended a Virginia Biosolids Use and Regulatory Advisory Group (BURAC) meeting in Charlottesville, VA. The group discussed changes to current regulations and timetables for implementation of many issues. The BURAC group consists of generators, land appliers, regulators, researchers, and concerned citizens.

Staff attended the Water Environment Federation (WEF) Residuals conference in Nashville. DCWASA staff presented, authored, or co-authored, or funded work associated with 9 papers presented at the conference. Paper titles include:

- DCWASA's Biosolids EMS Experience – Preparation, Audits, and Impact Assessment
- Impact of Centrifuge Torque and Polymer Dose on Dewatering Performance from Anaerobically Digested Biosolids
- Impact of Centrifuge Torque and Polymer Dose on Odor Production from Anaerobically Digested Biosolids
- Effects of Lime and Ferric Chloride Addition on Volatile Organic Sulfur Compounds Production in Biosolids
- Factors Affecting Polymer Demand
- Digestion Process Development for the Egg-Shaped Digesters Facility at DCWASA's Blue Plains AWTP
- Effects of Biosolids Constituents and Digestion Practices on Biosolids Cake Odors
- Effects of Biosolids Dewatering Parameters and Chemical Addition on Odors
- Reduced Pathogen: High Temperature Digestion (Thermophilic, Pasteurization, Batch v. Continuous)

Staff participated in a public informational meeting in Isle of Wight County, VA. One of the Blue Plains contractors has applied for permits to land apply in the county, and a panel of experts, including engineers, farmers, university professors, and public officials was assembled to answer questions from the public. The audience consisted of people for and opposed to biosolids reuse, and the questions were asked and answered in a respectful manner. The Institute for Environmental Negotiation, which is based at the University of Virginia, facilitated the evening meeting.

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

