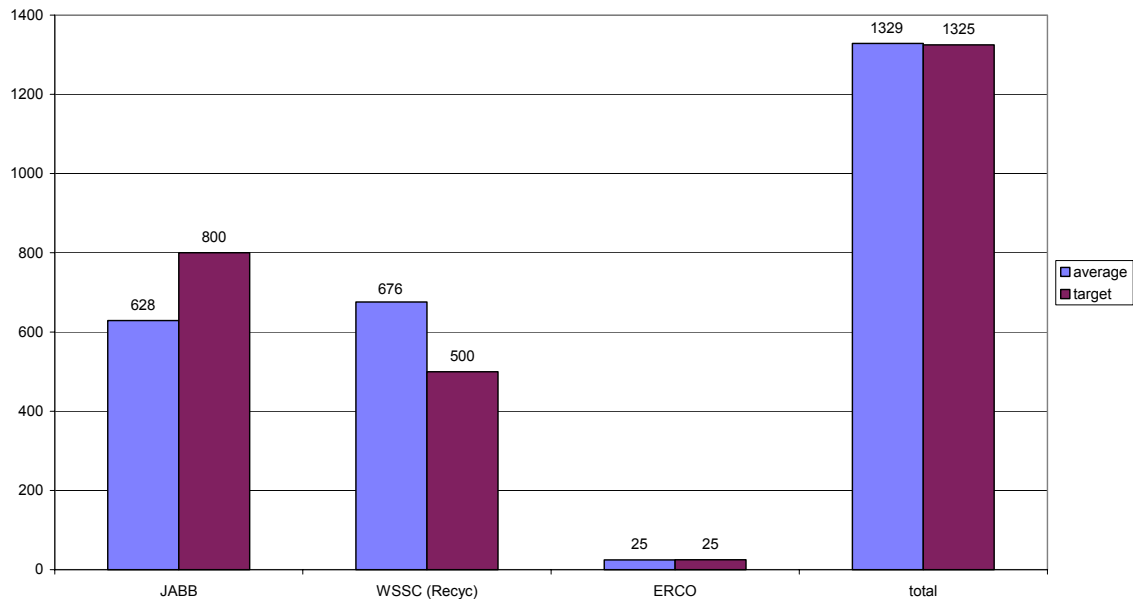


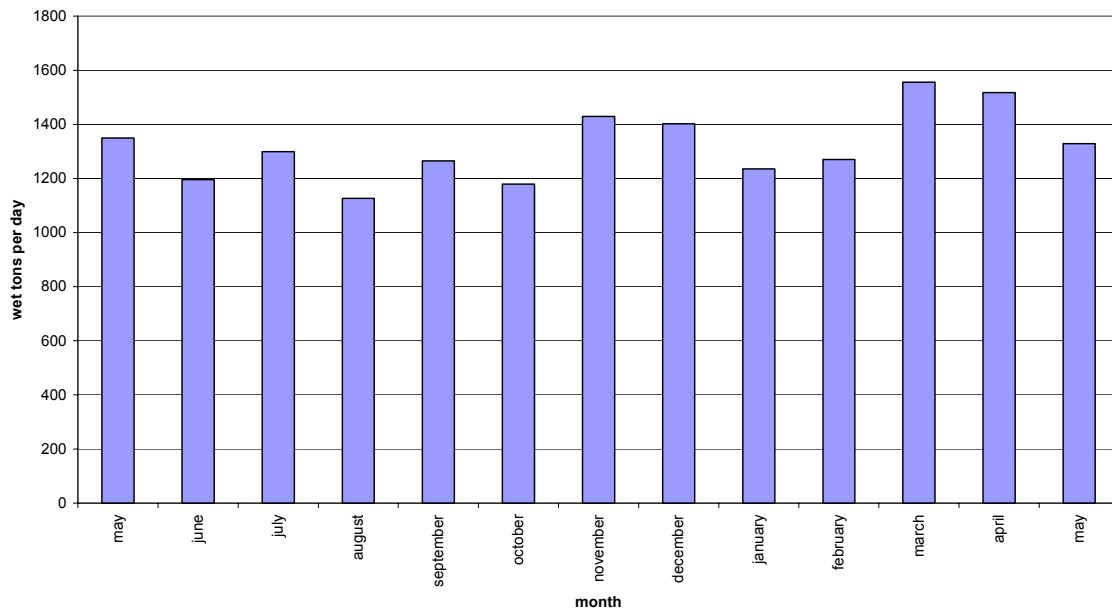
## May 2004 Blue Plains Biosolids Report

In May, biosolids hauling averaged 1556 wet tons per day. The graph below shows the hauling by contractor for the month of May. A second graph shows the average daily production per month for the previous 12-month period.

Average Daily Hauling by Contractor for May, 2004

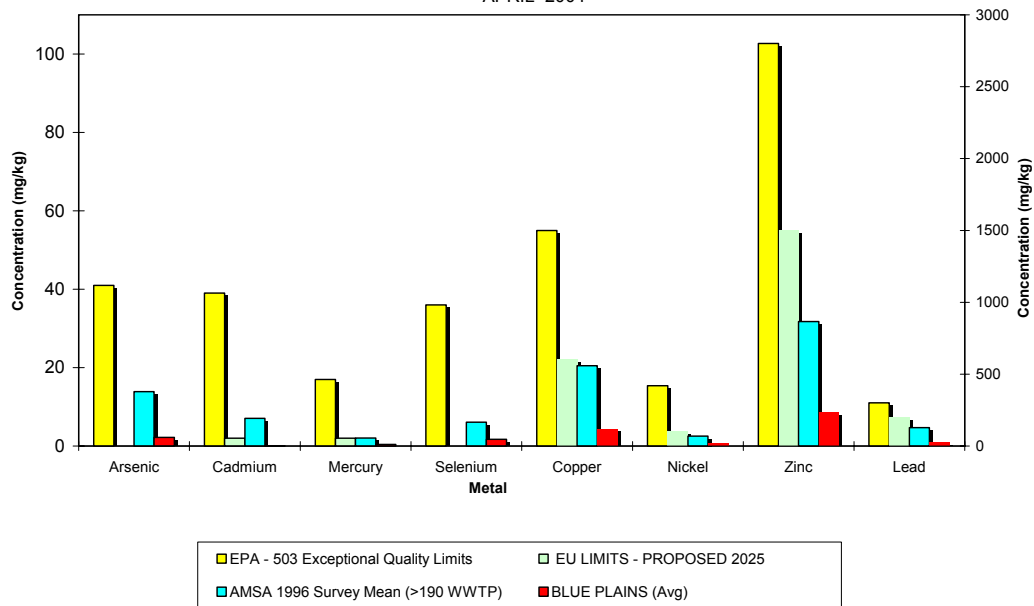


12 Month Average Monthly Biosolids Production



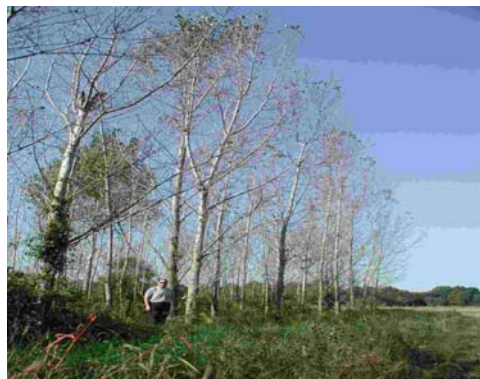
The graphs below show the EPA regulated heavy metals in the Blue Plains biosolids for the month of April 2004. As can be seen in the graphs, the Blue Plains levels are considerably below the regulated exceptional quality limits, the AMSA average levels surveyed in 1996, and even the proposed 2025 European Union (EU) limits.

BLUE PLAINS BIOSOLIDS METALS COMPARISON  
APRIL 2004



## HIGHLIGHTS

Staff attended several meetings at the ERCO tree farm in Brandywine, MD this past month to speak on behalf of the project and the research being conducted at the site for visitors from Maryland Department of Environment (MDE) and Pennsylvania Department of Environmental Protection (PA DEP). MDE is interested in the research results, and PA DEP is interested in the technology for reduced odor mine reclamation. The ERCO process is a trenched land application site on top of an abandoned gravel mine. The site is being restored via the addition of organic matter to the soil, and hybrid poplar trees are grown on site and beneficially use the nutrients in the biosolids. Trees are grown on an 8 – 10 year cycle, after which they are harvested for sale. Biosolids are placed in the trench and covered in a matter of minutes, preventing odors from migrating offsite. The research being conducted by Dr. Gary Felton and Dr. Jonathan Kayes of the University of Maryland Cooperative Extension is looking to answer lingering questions MDE has regarding the nutrient cycle.



Staff received the desk audit report of the National Biosolids Partnership (NBP) Environmental Management System (EMS) internal audit process. The report contained several minor non-conformances, which were quickly remedied. Examples of non-conformances include discrepancies between some procedures described in the Biosolids EMS manual and actual implemented procedures being performed, clarifications on efforts to reach out to interested parties, and availability of standard operating procedures (SOP's) for review. Staff has developed an (ever growing) e-mail list of interested parties who receive a monthly report on Blue Plains biosolids activities. Staff is preparing for the field audit from the DCWASA internal auditors, which is expected to occur in the next few weeks. The DCWASA internal auditors office has done a very thorough job with this EMS audit, and has helped staff tremendously in preparing for the independent third party audit, which will be undertaken after completion of the internal audit. Staff will inform interested parties of the internal audit schedule and invite them to participate if interested.

## Map of Blue Plains Biosolids Applications and Agricultural \$'s for April 2003

