DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY

Board of Directors

Meeting of the
Environmental Quality and Sewerage Services Committee

5000 Overlook Avenue, SW, Room 407
Thursday, April 21, 2016
9:30 a.m.

I. Call to Order — James Patteson, Chairperson

9:30 a.m. II. AWTP Status Updates — Aklile Tesfaye

1. BPAWTP Performance

9:45 a.m. III. Action Items – Joint Use — Leonard Benson/Dan Bae

1. Contract No. 150020 –Fort Myer Construction Corp.
2. DCFA #429 –WSA –ARCADIS District of Columbia, P.C.
3. WAS-09-012-AA-GA -M&M Electrical Motor Repair, Inc.
4. WAS-12-007-AA-SH –Nutri-Blend, Inc.
5. WAS-11-059-AA-RA –Collins Elevator Services, Inc.

Non-Joint Use

1. Contract No. 130260 – Inland Waters Pollution Control, Inc.
2. WAS-12-034-AA-CE –Rodgers Brothers Custodial Services, Inc.

10:05 a.m. IV. Other Business/Emerging Issues

10:15 a.m. V. Adjournment — James Patteson, Chairperson

* The DC Water Board of Directors may go into executive session at this meeting pursuant to the District of Columbia Open Meetings Act of 2010, if such action is approved by a majority vote of the Board members who constitute a quorum to discuss: matters prohibited from public disclosure pursuant to a court order or law under D.C. Official Code § 2-575(b)(1); contract negotiations under D.C. Official Code § 2-575(b)(1); legal, confidential or privileged matters under D.C. Official Code § 2-575(b)(4); collective bargaining negotiations under D.C. Official Code § 2-575(b)(5); facility security under D.C. Official Code § 2-575(b)(8);

disciplinary matters under D.C. Official Code § 2-575(b)(9); personnel matters under D.C. Official Code § 2-575(b)(10);proprietary matters under D.C. Official Code § 2-575(b)(11); decision in an adjudication action under D.C. Official Code § 2-575(b)(13); civil or criminal matters where disclosure to the public may harm the investigation under D.C. Official Code § 2-575(b)(14), and other matters provided in the Act.

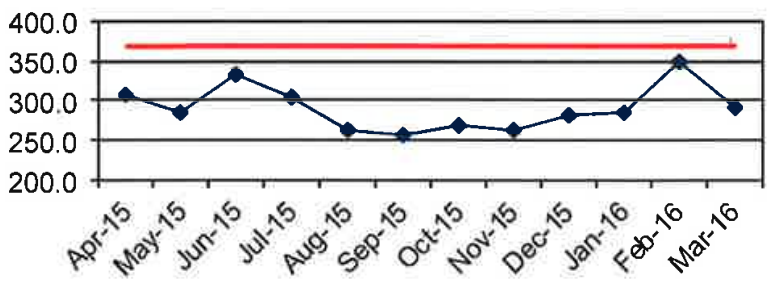
Follow-up Items from Prior Meetings:

1. AGM Blue Plains: Provide a root cause and financial impact report on the CHP turbine engine damage. **{To be scheduled for future meeting}**
2. Refer to Governance Committee: Consider procurement alternatives and contract requirements for use of local transportation firms for chemical deliveries. **{Referred to Governance Committee}**

DEPARTMENT OF WASTEWATER TREATMENT
March 2016

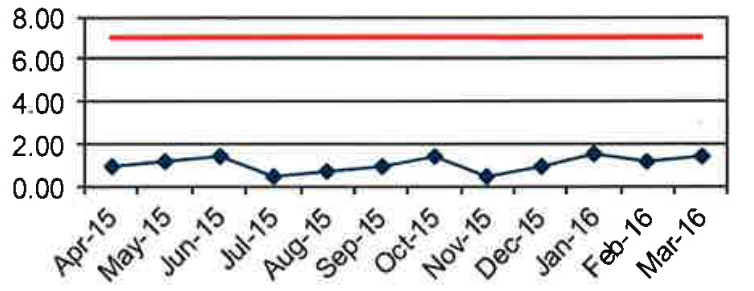
Average plant performance for the month was excellent with all effluent parameters well below the seven-day and monthly NPDES permit requirements. The monthly average influent flow was 291 MGD. There was no Excess Flow during this reporting period. The following Figures compare the plant performance with the corresponding NPDES permit

Plant Influent Flow (mgd)



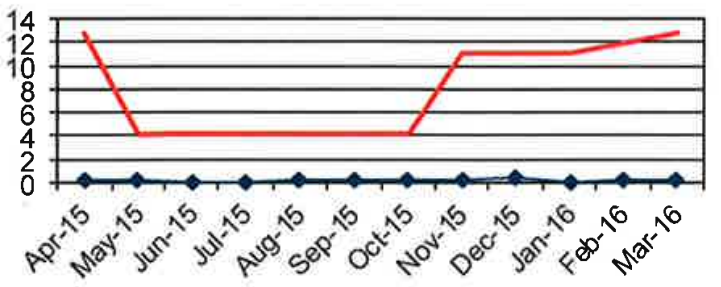
This graph illustrates the monthly average influent flow to the plant. The design average flow is 370 MGD. Blue Plains has a revised 4-hour peak flow capacity of 511 MGD through complete treatment. Flows up to 336 MGD in excess of the 511 MGD peak capacity receive primary treatment, disinfection and dechlorination.

TSS (mg/l)



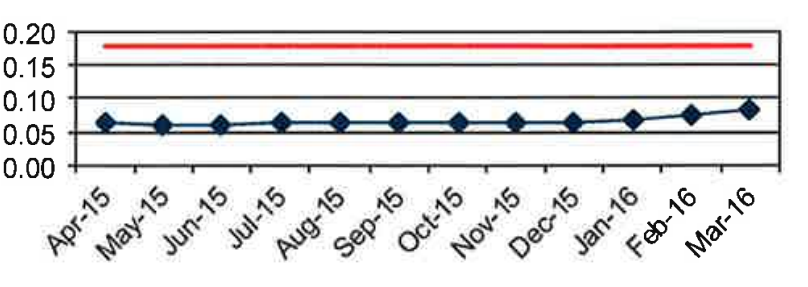
Effluent Total Suspended Solids (TSS) is a measure of the amount of solid material that remains suspended after treatment. The effluent TSS concentration for the month averaged 1.35 mg/L, which is below the 7.0 mg/L permit limit.

Ammonia (mg/l)

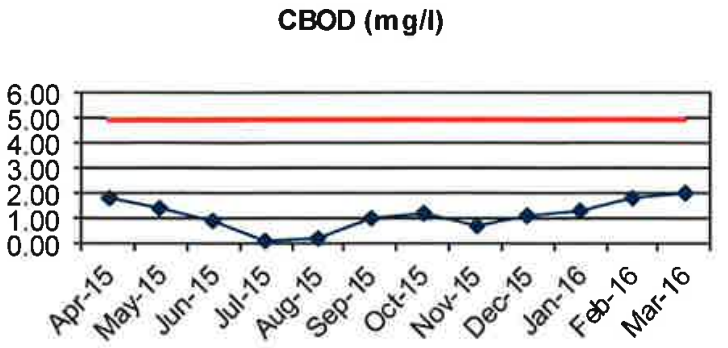


The Ammonia Nitrogen (NH3-N) is a measure of the nitrogen found in ammonia. For the month, effluent NH3-N concentration averaged 0.13 mg/L and is below the average 11.1 to 12.8 mg/L limit.

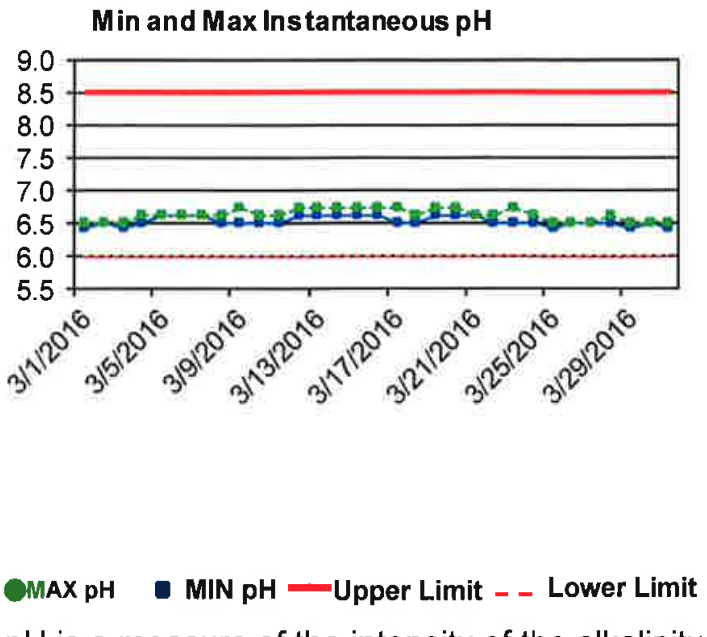
Total Phosphorus Annual Average (mg/l)



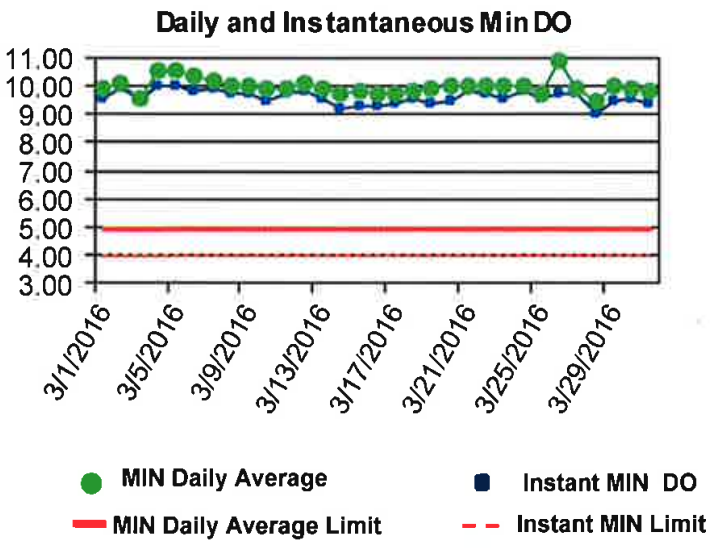
The Total Phosphorus (TP) is a measure of the particulate and dissolved phosphorus in the effluent. The annual average effluent TP concentration is 0.08 mg/L, which is below the 0.18 mg/L annual average limit.



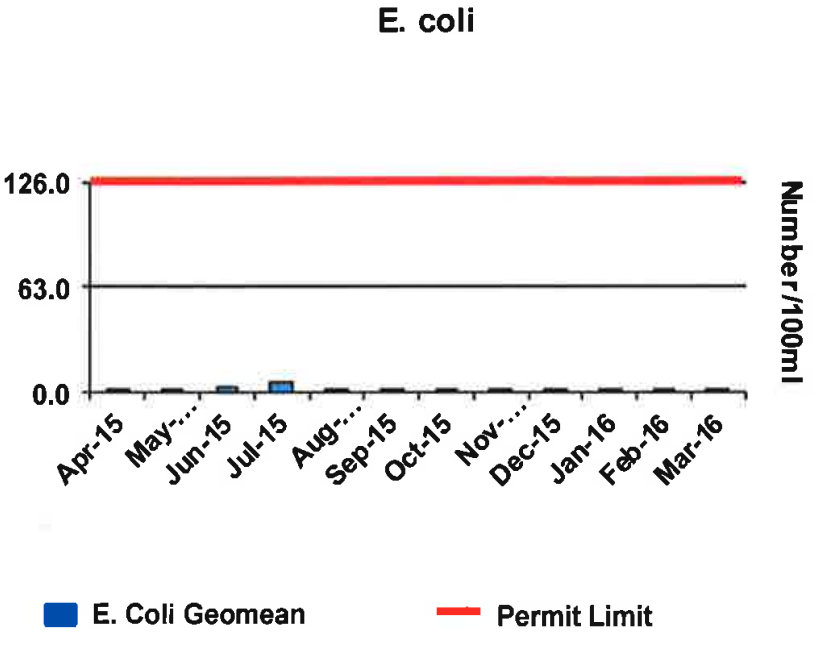
Carbonaceous Biochemical Oxygen Demand (CBOD) is a measure of the amount of dissolved oxygen required for the decomposition of organic materials. The effluent CBOD concentration averaged 2.01 mg/L (partial month), which is below the 5.0 mg/L limit.



pH is a measure of the intensity of the alkalinity or acidity of the effluent. The minimum and maximum pH observed were 6.4 and 6.7 standard units, respectively. The pH was within the permit limits of 6.0 and 8.5 for minimum and maximum respectively.



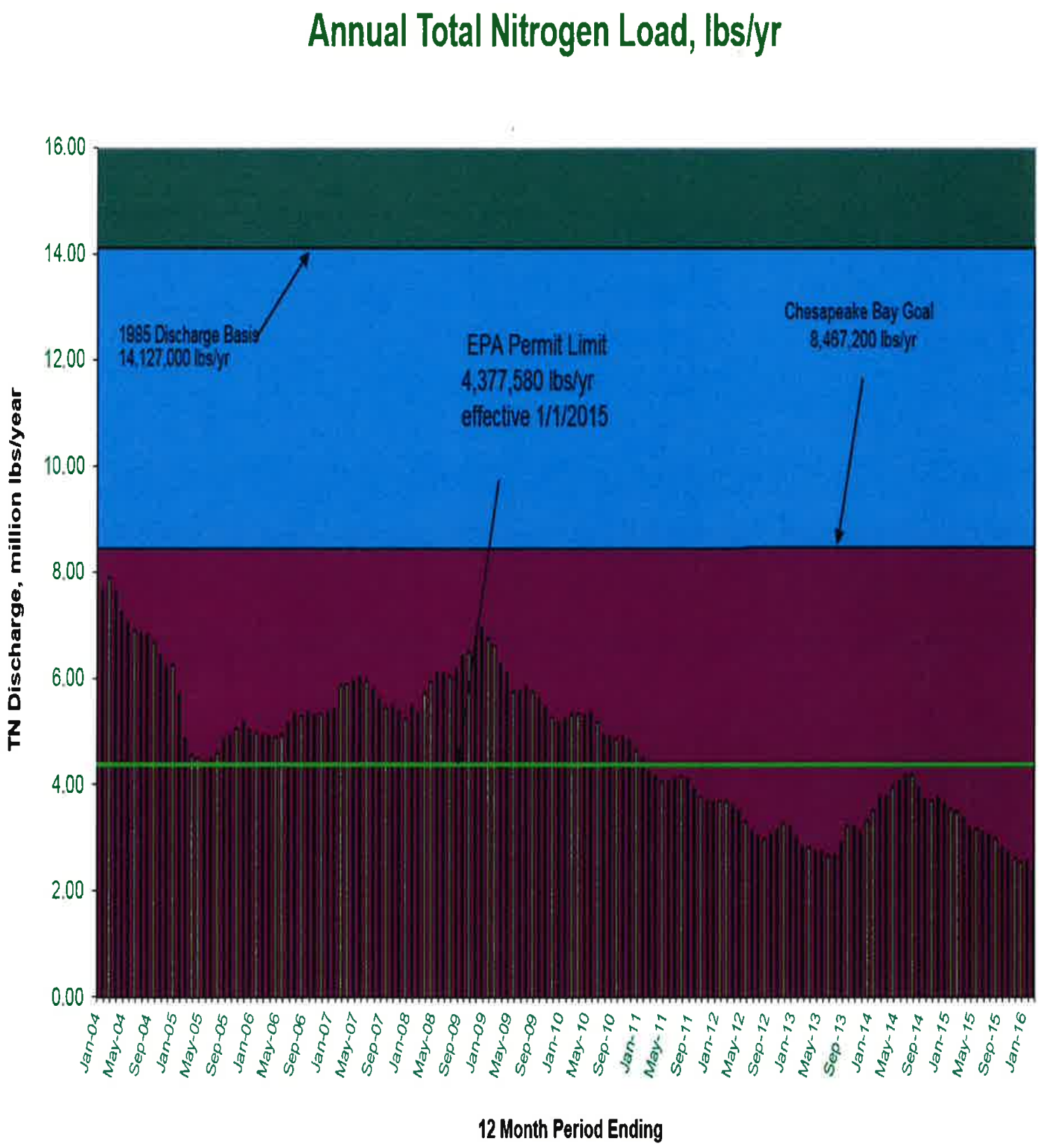
Dissolved Oxygen (DO) is a measure of the atmospheric oxygen dissolved in wastewater. The DO readings for the month are within the permit limits. The minimum daily average is 9.5 mg/L. The minimum instantaneous DO reading is 9.0 mg/L. The minimum permit limits are 5.0 mg/L and 4.0 mg/L respectively.



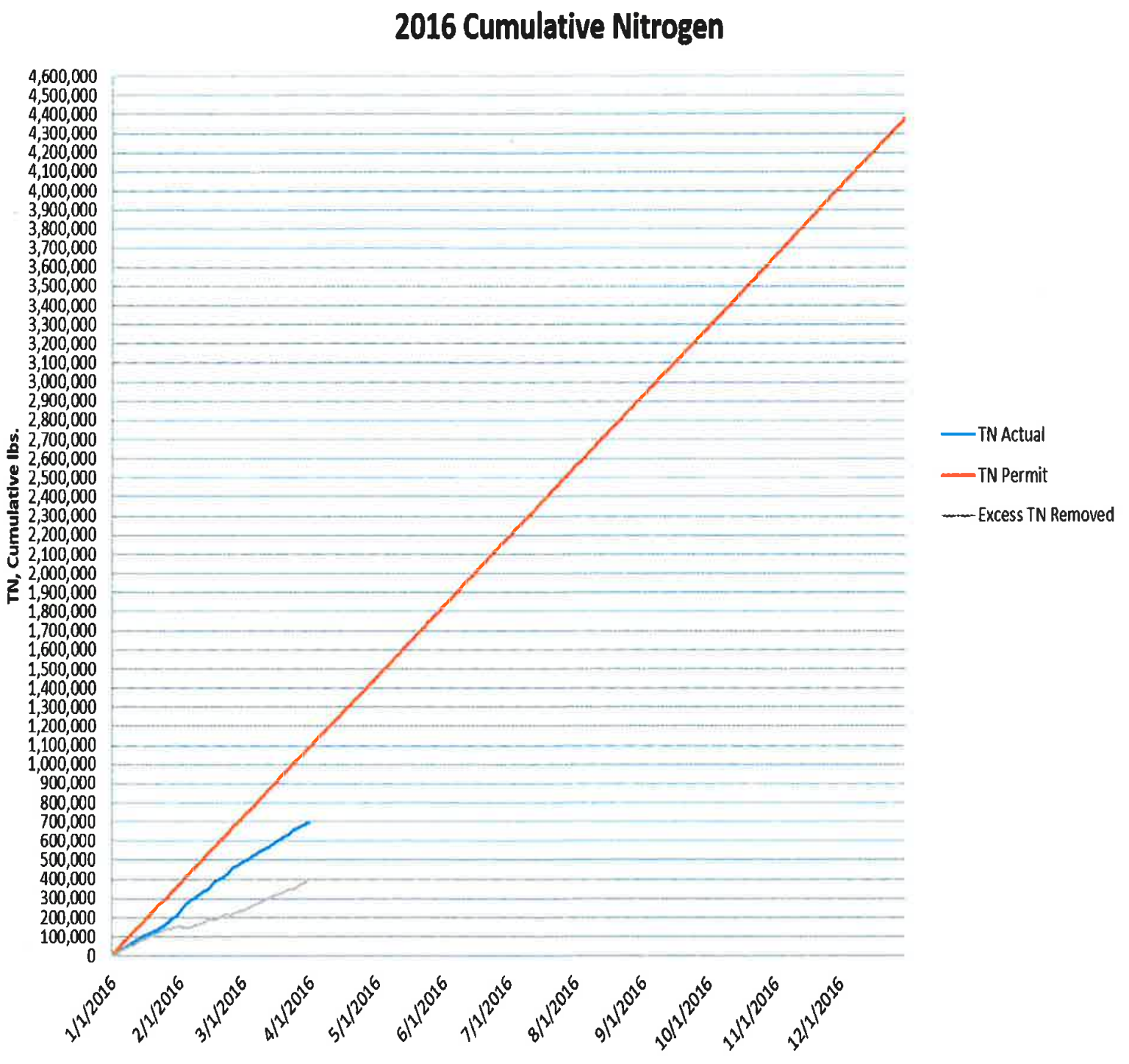
E.coli is an indicator of disease causing organisms (pathogens). The E.coli permit limit is 126/100mL. The E coli geometric mean is 1.0/100mL, and well below the permit limit.

BIOLOGICAL NUTRIENT REMOVAL PERFORMANCE

During the month, the full-scale BNR process produced an effluent with average total nitrogen concentration of 2.79 mg/l. The figure below shows Blue Plains effluent total nitrogen (TN) since the implementation of full scale BNR.

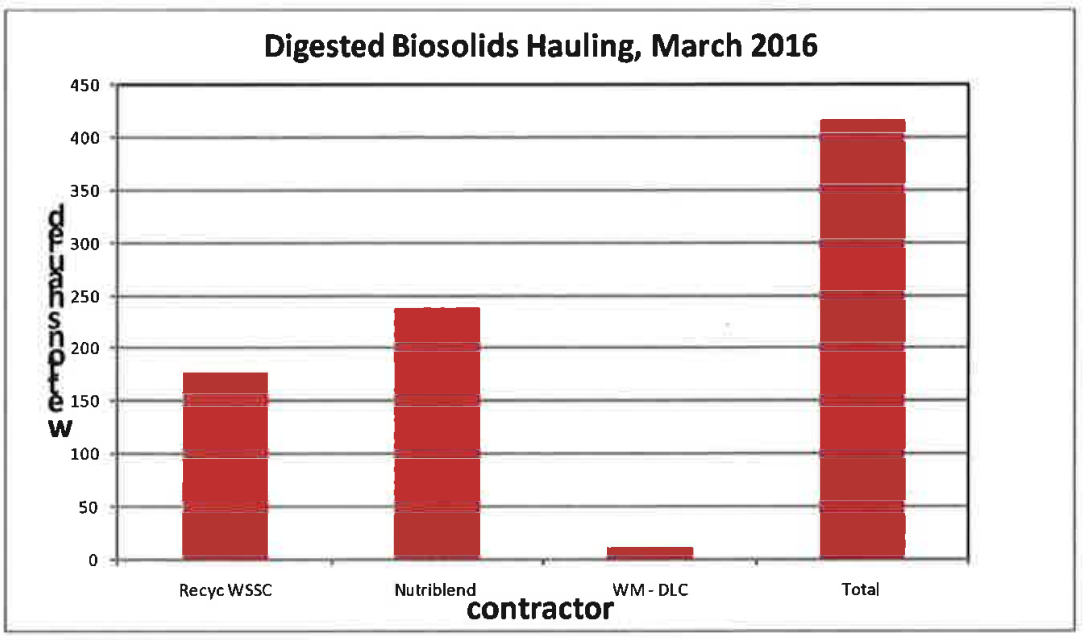


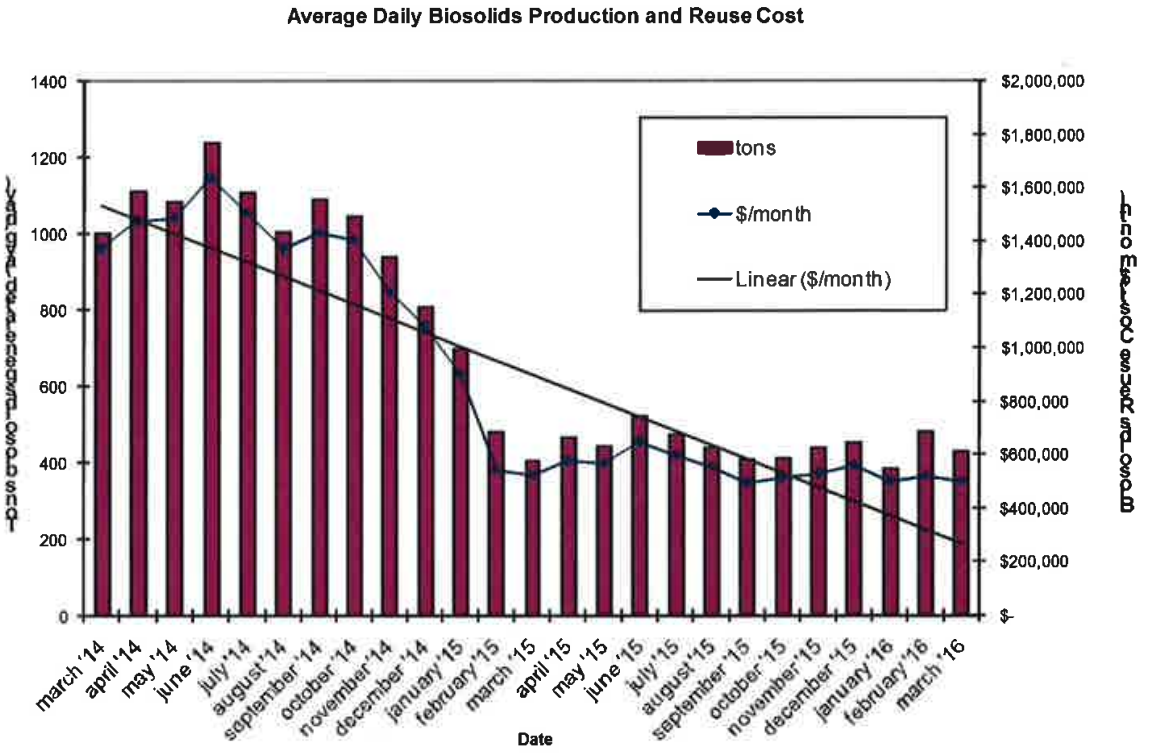
TN Removal at Blue Plains is on target to meet limits for 2016 as seen in the graph below.



BLUE PLAINS RESOURCE RECOVERY REPORT – MARCH 2016

In March, biosolids hauling averaged 416 wet tons per day (wtpd). The graph below shows the total hauling by the contractor for the month of March. The average percent solids for the digested material was 32.7%. In March, staff began sending biosolids to a Waste Management landfill in VA for use as daily cover. This is a pilot program designed to demonstrate to the state that this is a suitable material for daily cover. It will run for 6 months at a price that is less than either of our other contracts. This will give DC Water a vital winter time option, if extended, that can take all our material in winter months if so desired. At the end of March the Cumberland County storage pad had approximately 20,000 tons (~25,000 tons capacity), Cedarville lagoon had approximately 0 tons of Blue Plains biosolids (~30,000 tons capacity), Goochland pad had 3,394 tons, and Fauquier lagoon had 9,230 tons (~15,000 tons capacity).

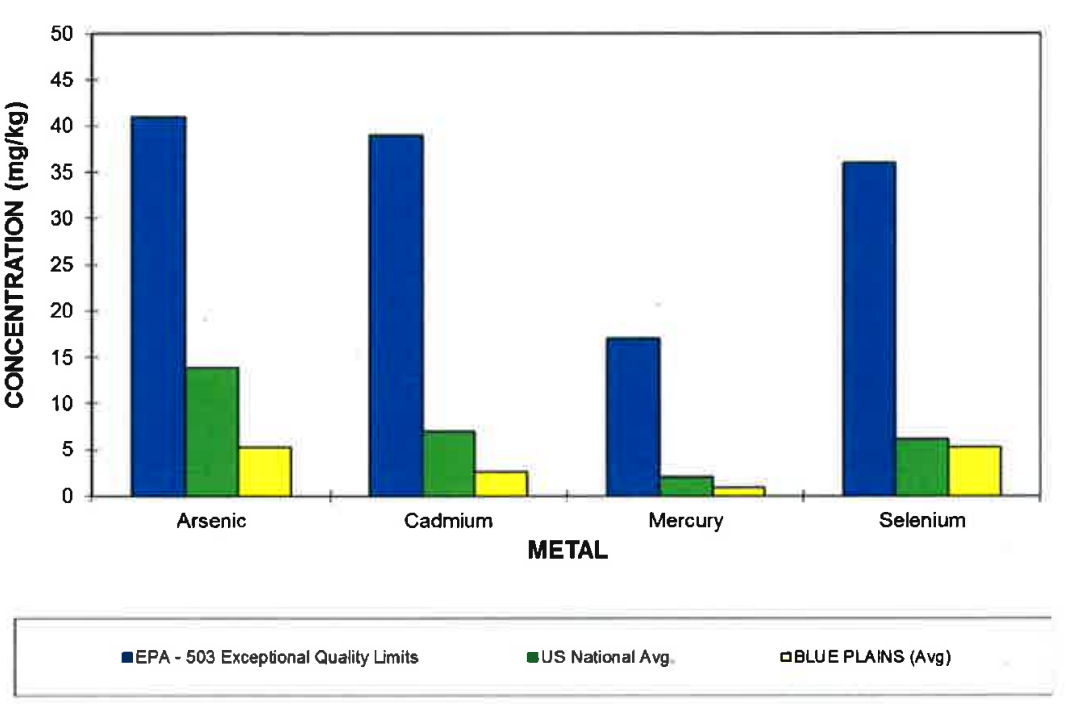


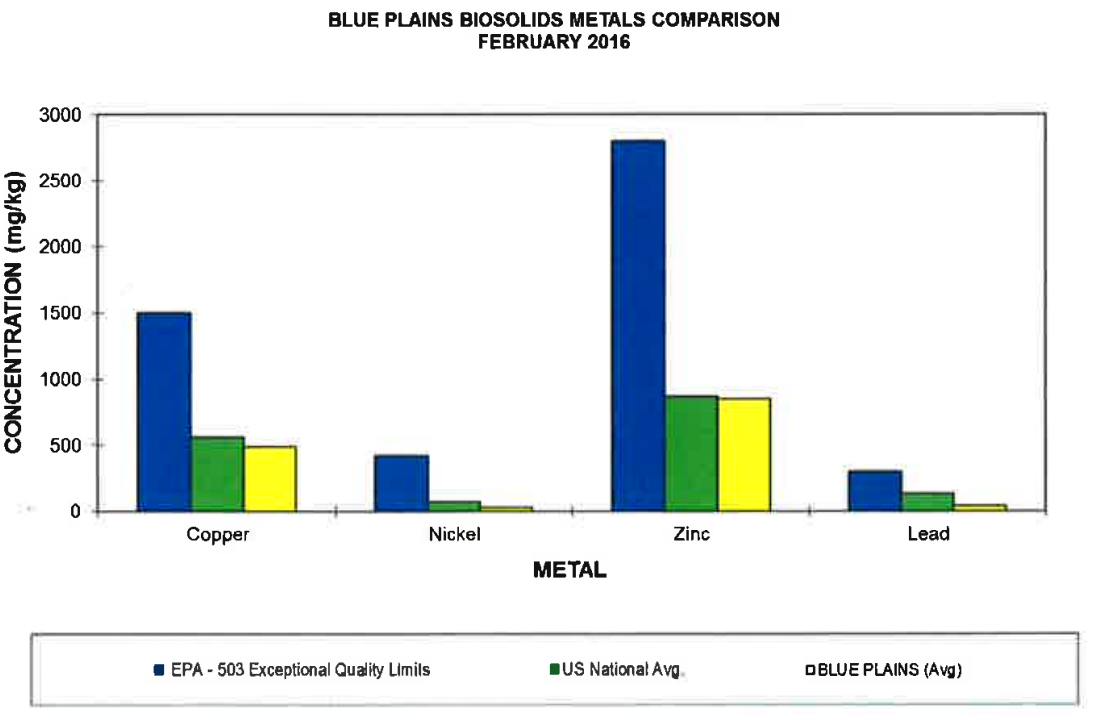


Please note the drop in biosolids management costs (second graph below, right vertical axis) due to the reduction in solids production since digesters came on line, and also due to the drop in fuel costs. In March, diesel prices averaged $2.25/gallon and with the contractual fuel surcharge the weighted average biosolids reuse cost in March for the three contracts was $38.82/wet ton.

Product Quality

The graph below show the EPA regulated heavy metals in the Blue Plains biosolids for the month of February 2016. As can be seen in the graphs, the Blue Plains levels are considerably below the regulated exceptional quality limits and the national average.

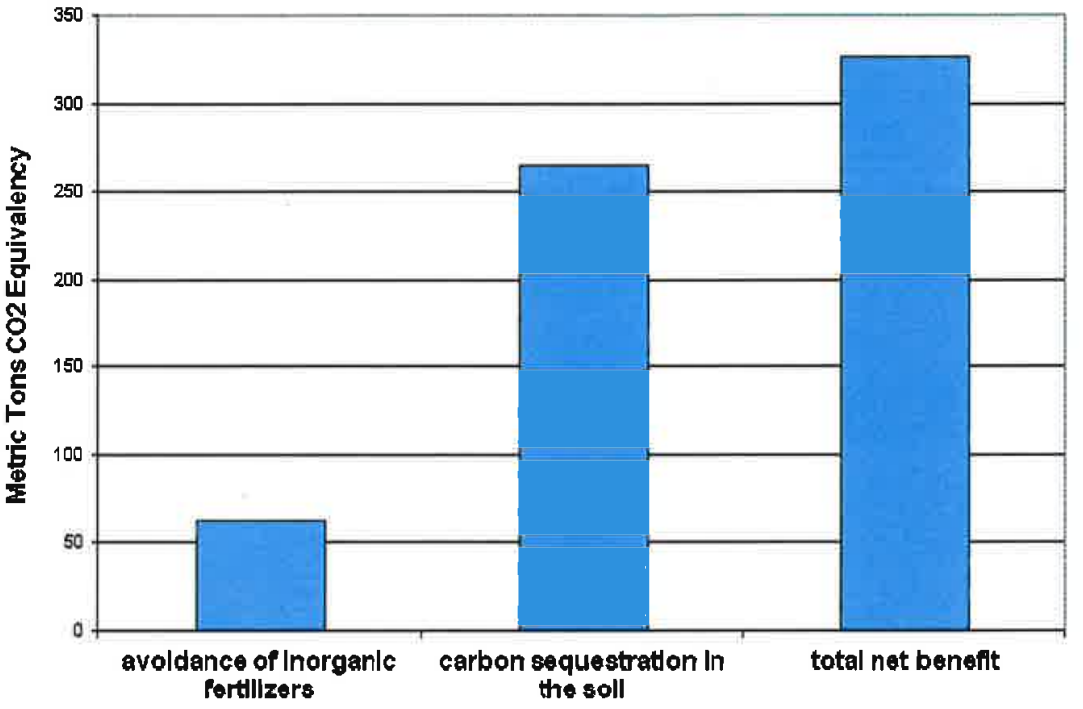




Environmental Benefits

The quantity land applied in February coming directly from the plant and from storage facilities equaled 5,141 tons. Taking into account the fuel required to transport biosolids to the field, the net benefit of the land applied material is 327 metric tons CO_2 equivalent avoided emissions. This is equivalent to taking 665,793 car miles off the road in the month of February (assumes 20 mpg, 19.4 lb CO_2 equivalent emissions/gallon gas – EPA estimate). The cumulative total avoided carbon emission since January 2006 is 143,468 metric tons CO_2 equivalent.

DCWater Biosolids Recycling Program
Greenhouse Gas Balance Benefits
February 2016 Totals

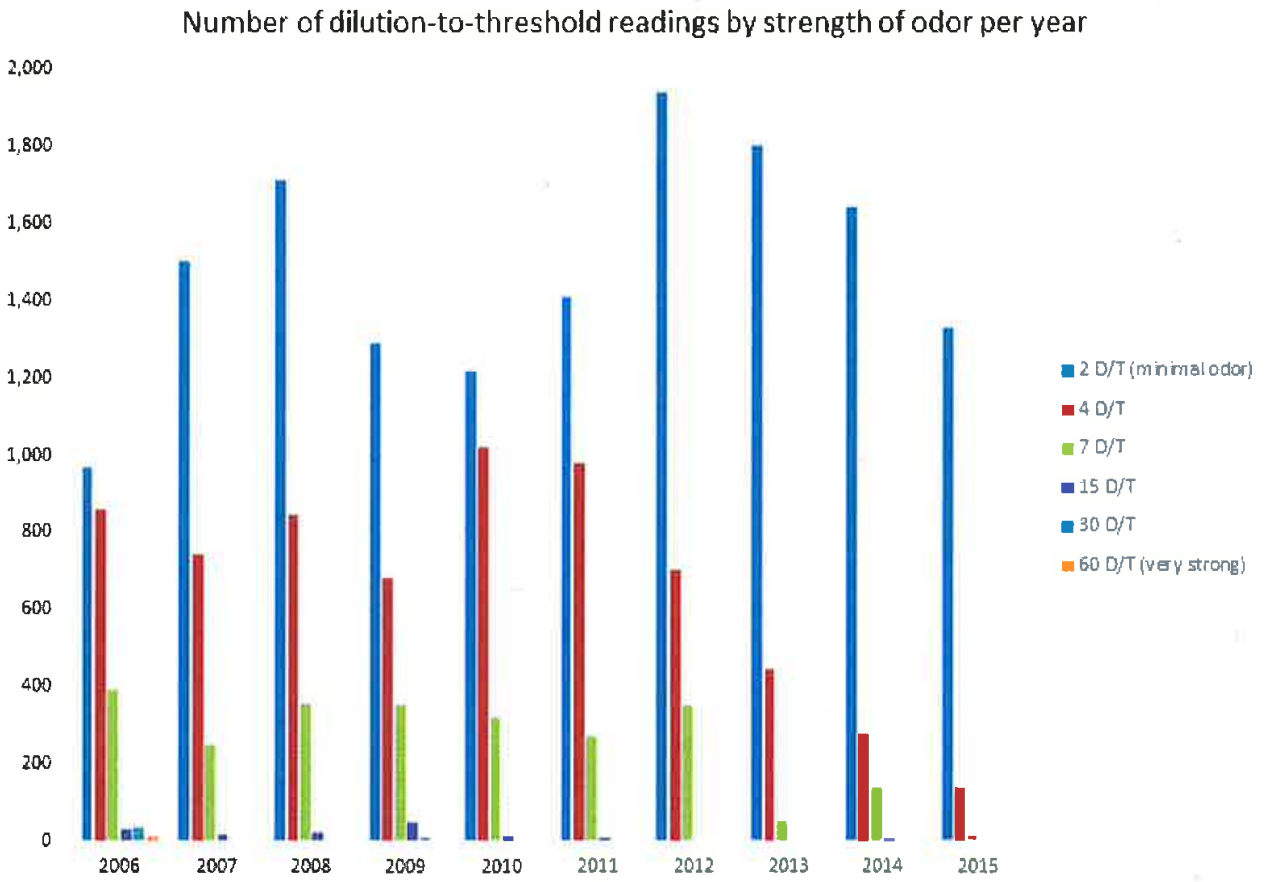


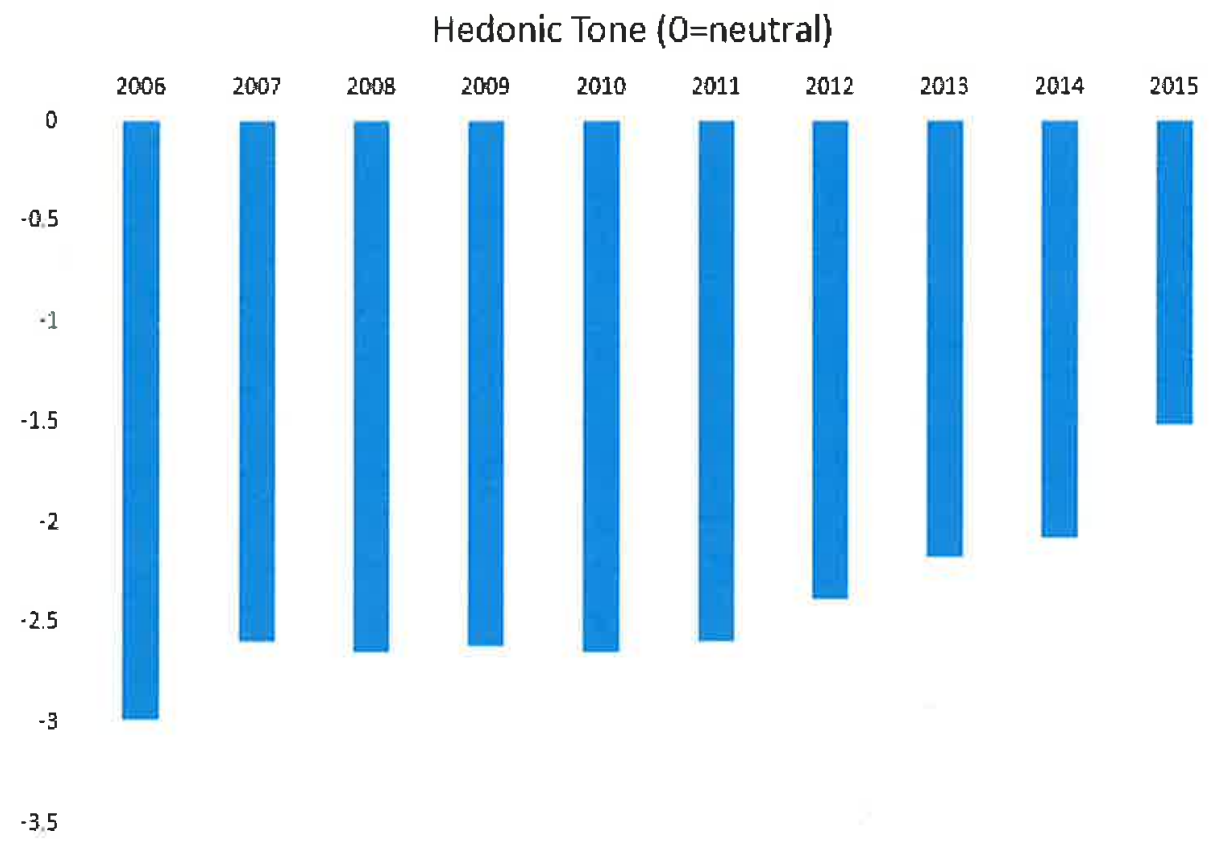
Highlights

Staff gathered historical odor data for the biosolids reuse program spanning the past ten years. Through that time period, the program evolved from one of inconsistently mixed limed biosolids, to a well-mixed limed product, and eventually to our current digested Class A Bloom product. As a result of these changes, we saw drops in odors in the field. Below are two charts describing this odor evolution in terms of odor strength (dilution to threshold, D/T) and odor characteristic or quality (hedonic tone). Our inspectors in the field use olfactometers, which are designed to allow for air dilutions and measures the number of dilutions when an odor emerges. A higher D/T means a stronger odor. The inspector also chooses a numeric number to indicate the hedonic tone, or odor quality. A hedonic tone of 10 is an incredibly pleasant odor, a negative 10 is a repulsive odor, and a score of zero is neutral.

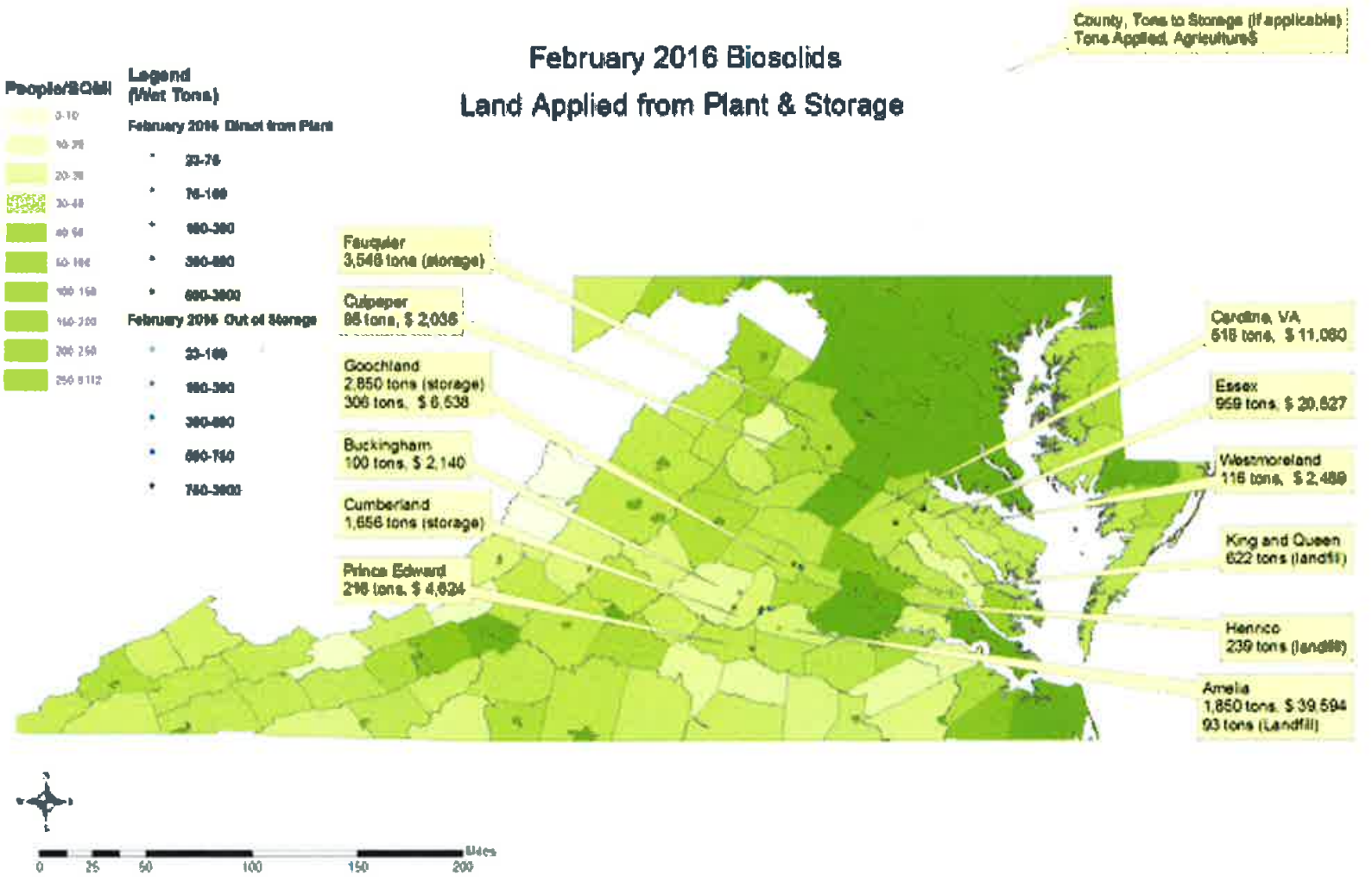
The first graph shows that the number of high D/T readings drops over time, eventually to zero for the Bloom product. In addition, the second graph shows a drop in hedonic tone scores, indicating an increase in odor quality. The data shows that the equipment

choices made during the design of the digester project significantly improved the quality of the biosolids, beyond mere regulatory requirement.



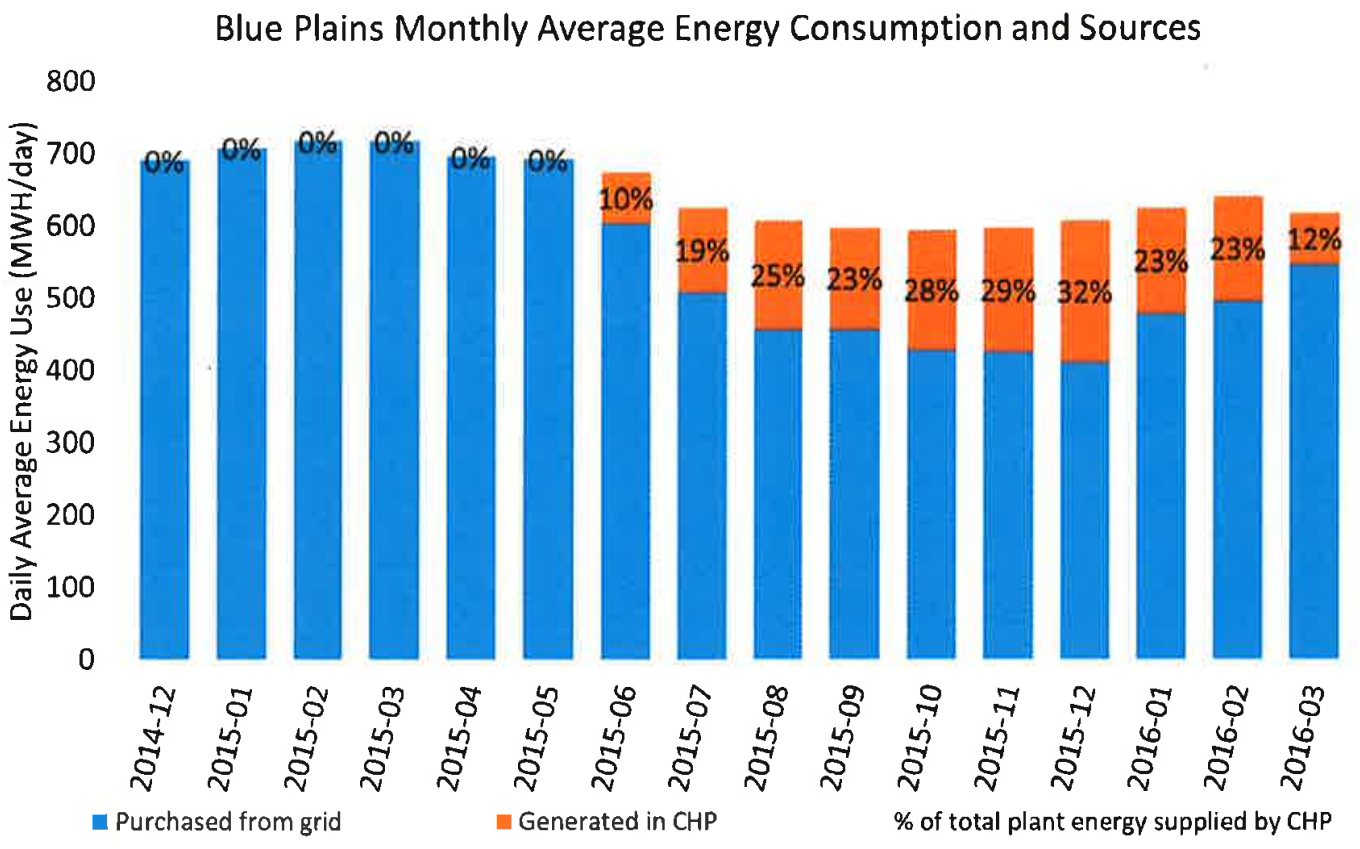


Biosolids Applications and Agricultural $'s for February 2016



BLUE PLAINS ELECTRICITY GENERATION AND USAGE

The average energy consumed at Blue Plains was 617 MWH/day for the month of March, while the average energy purchased from PEPCO was 546 MWH/day. The CHP facility generated an average of 71 MWH/day, making up for 12% of total energy consumed at Blue Plains. The net energy export from CHP was lower this month because of equipment downtime from maintenance related activities.



The graph above is based on power monitors installed at the Main Substation and CHP, and reflects total average energy consumed at Blue Plains in MWH/day. Of the total average use, the energy purchased from PEPCO and net energy supplied (exported) by CHP are indicated by the blue and orange highlights, respectively.

CLEAN WATER QUALITY AND TECHNOLOGY

The Clean Water Quality and Technology department includes the research and development, laboratory, and pretreatment programs. A summary of activities for each group is provided below.

Research and Development Program

The research and development team continues to work on research topics associated with the planning and operation of Blue Plains. The current focus of research is to optimize plant processes' capacities and to pave the road for achieving energy neutral operations at Blue Plains advanced wastewater treatment plant (Blue Plains AWTP).

The highlight for this month is a series of workshops associated with current research projects and engineering studies.

February 8, 2016: Carbon Management WERF Study Progress Meeting
The objective of this all day meeting was to review the progress of the WERF study with regard to carbon management strategies. Dr. Diego Rosso and Dr. Manel Garrido from UC-Irvine gave a summary of the study. Following the summary, each participating utility (i.e. DC Water and HRSD) presented an overview of the latest developments on process configurations and control strategies being evaluated. Arifur Rahman (DC Water) presented on the contact/stabilization configuration and described the main factors and process parameters to control the process. Maureen Kinyua (HRSD) presented on the control strategies for secondary systems based on MLSS and OUR.

The second section of the workshop focused on development of methods for identifying storage and adsorption within the secondary system. Arifur Rahman shared DC Water's experience in the determination of EPS (extracellular polymeric substrates) in MLSS samples. He showed that the results seem to correspond to polymeric compounds and not to adsorbed organics. However, he also showed that EPS production rates in the contactor reactor lead to improved bioflocculation and thus better settling characteristics. Dr. Kinyua (HRSD) presented on the latest developments for identifying storage material associated with PHA (including PHB and PHV) and other storage compounds. The method seemed promising and can be used to estimate/calculate the adsorbed material as well.

February 24 through 26, 2016: Process Modeling Workshops
Dr. Imre Takacs from Dynamita, France visited the research and development team to work on several current projects as follows.

- Anaerobic digestion modeling: dynamic model parameter calibration.
- Contact/stabilization modeling for carbon capture. This includes developing a model to include storage of soluble material, adsorption of colloidal and particulate material and bioflocculation.
- Short-cut nitrogen removal control modeling: In this workshop the team discussed the code and specification to develop a control tool in Sumo (process modeling software) to be able to implement process control strategies including ammonia based, AVN, SRT controls.

Blue Plains Main Laboratory

The Main Laboratory staff conducts analyses on Blue Plains AWTP effluent for NPDES Permit requirements, as well as on biosolids, pretreatment samples, storm water runoff, and process samples, on a daily basis, 365 days a year. The laboratory currently analyzes approximately 2,800 samples each month and conducts approximately 8,000 analyses, including Total Suspended Solids; Volatile Suspended Solids; Total and Volatile Solids; Ammonia Nitrogen; Nitrite and Nitrate Nitrogen; Total, Soluble, and Ortho Phosphorus; Total and Soluble Kjeldahl Nitrogen; Carbonaceous Biochemical Oxygen Demand; Chemical Oxygen Demand; Total Alkalinity and Hardness; and Fecal Coliform and E. Coli microbiological testing.

This month, the laboratory continued the analysis of Belt Filter Press cake samples for fecal coliform bacteria for DCWater's Class A Biosolids reporting, as well as digester samples from the new Cambi Thermal Hydrolysis and Anaerobic Digestion facility, including Total and Volatile Solids, Total and Volatile Suspended Solids, Ammonia Nitrogen, and pH. Fecal coliform in the BFP dewatered cake and TS and VS upstream and downstream of the digestion process are monitored to show compliance with 40 CFR 503 Pathogen and Vector Attraction Reduction requirements. The laboratory continued the analysis of belt filter press dewatering cake samples in support of belt filter press optimization testing.

The laboratory also assists the Department of Sewer Services on a regular basis conducting microbiological analysis of water samples for E. Coli bacteria. Laboratory staff also participates in the WWOA Executive Board.

Blue Plains Pretreatment Program

The Blue Plains Pretreatment Program staff of two manages the Industrial Pretreatment Program, including temporary dewatering dischargers from construction activities, as well as the Hauled Waste Program. Additional responsibilities include providing specialized sampling and program management support for the Blue Plains NPDES permit and facilitating the quarterly Blue Plains Storm Water Committee meeting.

<u>Industrial Pretreatment Program</u>

DC Water currently manages fourteen (14) Significant Industrial User (SIU) permits and sixteen (16) Non-Significant Industrial User (NSIU) wastewater discharge permits. One NSIU permit was renewed this month for 1100 15th Street, LLC. The annual pretreatment program report to EPA was finalized for the District facilities this month, which included a quality control review of the analytical data spreadsheet deliverable. Once information is received from the jurisdictions and compiled, a final report will be issued to EPA prior to the March 31, 2016 due date.

DC Water received monthly self-compliance monitoring reports for six (6) SIUs and one NSIU. A Notice of Violation was issued to Amtrak on February 24, 2016, for a pH violation that occurred on February 17, 2016. A corrective action plan was submitted to DC Water on February 18, 2016, and no other pH violations have occurred since. All other SIUs and NSIUs are in compliance with discharge standards for the current month. DC Water currently manages 75 Temporary Discharge Authorization (TDA) permits, primarily for construction site discharges of groundwater and/or surface runoff in the

combined sewer area. Seven new TDA permits were issued this month. All TDA discharges are currently in compliance with pretreatment standards.

Hauled Waste Program

As of the end of the current month, the hauled waste program had 26 permitted haulers authorized to discharge domestic septage, portable toilet waste, grease trap waste, groundwater or surface runoff, and other types of waste, if approved in advance and have been characterized and meet pretreatment standards. Two new hauler permits were issued this month and one permit was renewed. DC Water collected fees from eight waste haulers this month, including those on a monthly payment plan option. DC Water received 681 hauled waste loads (1,872,700 gallons) from permitted haulers this month. Manifest forms from each truck entering the plant are collected by the security guards and picked up daily by Pretreatment staff. Data is entered into an Excel spreadsheet to track the volume and type of loads being discharged daily and the results of sampling.

Two hauled waste samples were collected this month, both were grease trap waste samples. The grease trap waste sample collected from R.F. Beale on February 2, 2016, violated the discharge standard for pH at 4.95 (limit is 5.0 to 10.0) and TPH at 155 mg/L (limit is 100 mg/L). A Notice of Violation (NOV) was issued on February 11, 2016. The second grease trap sample collected from Stillwater Septic on February 8, 2016, violated the discharge standard for pH at 4.85 (limit is 5.0 to 10.0) and copper at 9.2 mg/L (limit is 2.3 mg/L). A Notice of Violation (NOV) was issued on February 24, 2016. No impact to the treatment plant was observed due to these exceedances.

NPDES Permit Sampling

Pretreatment staff collected two wet weather 24-hour composite samples at outfall 002 for low level PCB analysis using EPA Method 1668 this month. Staff also collected the quarterly influent low level mercury samples this month.

DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY
BOARD OF DIRECTORS CONTRACTOR FACT SHEET

ACTION REQUESTED

CONSTRUCTION CONTRACT:

Division U – Northeast Boundary Tunnel Utility Relocations (Joint Use)

Approval to execute a construction contract not to exceed: $16,996,686.00

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:		PARTICIPATION:
Fort Myer Construction Corporation 2237 33rd Street, NE Washington, DC 20018	Omni Excavators Washington, DC	MBE	14.1%
	Dynamic Concepts, Inc Washington, DC	MBE	18.0%
	Hybrid Construction & Engineering Group Washington, DC	WBE	6.0%

DESCRIPTION AND PURPOSE

Contract Value, Not-To-Exceed:	$16,996,686.00	
Contract Time:	534 Days	(1 Years, 6 Months)
Anticipated Contract Start Date (NTP):	05-19-2016	
Anticipated Contract Completion Date:	11-04-2017	
Bid Opening Date:	03-09-2016	
Bids Received:	3	
Other Bids Received		
Anchor Construction Company	$ 19,992,000.00	
Corman Construction, Inc.	$ 28,833,500.00	
Preference Points Received:		
Evaluation Bid Amount:		

Purpose of the Contract:

- To relocate utility lines prior to construction of Division J - Northeast Boundary Tunnel by a follow-on contractor.
- This work is required by a Consent Decree.

Contract Scope:

- Relocate sewer, electric, gas and communication utility lines at eight sites in the District of Columbia where the Northeast Boundary Tunnel diversion structures, drop shafts and other facilities will be constructed in the future.

Federal Grant Status:

- The Construction contract is funded in part by prior Congressional appropriations for CSO projects.

PROCUREMENT INFORMATION

Contract Type:	Fixed Price	**Award Based On:**	Lowest responsive, responsible bidder
Commodity:	Construction	**Contract Number:**	150020
Contractor Market:	Open Market		

BUDGET INFORMATION

Funding:	Capital	**Department:**	DC Clean Rivers Project
Service Area:	Combined Sewer Overflow	**Department Head:**	Carlton Ray
Project:	CY		

*ESTIMATED USER SHARE INFORMATION

Non Joint Use

User	Share %	Dollar Amount
District of Columbia	100.00%	$ 16,936,686.00
Federal Funds	0.00%*	$ -
Washington Suburban Sanitary Commission	0.00%	$ -
Fairfax County	0.00%	$ -
Loudoun County & Potomac Interceptor	0.00%	$ -
Total Estimated Dollar Amount	**100.00%**	**$ 16,936,686.00**

Joint Use

User	Share %	Dollar Amount
District of Columbia	92.90%	$ 55,740.00
Federal Funds	0.00%*	$ -
Washington Suburban Sanitary Commission	5.54%	$ 3,324.00
Fairfax County	1.01%	$ 606.00
Loudoun County & Potomac Interceptor	0.55%	$ 330.00
Total Estimated Dollar Amount	**100.00%**	**$ 60,000.00**

Combined

User	Share %	Dollar Amount
District of Columbia	99.975%	$ 16,992,426.00
Federal Funds	0.000%*	$ -
Washington Suburban Sanitary Commission	0.020%	$ 3,324.00
Fairfax County	0.004%	$ 606.00
Loudoun County & Potomac Interceptor	0.002%	$ 330.00
Total Estimated Dollar Amount	100.000%	**$ 16,996,686.00**

* Subject to future Federal appropriations. If future Congressional appropriation is received, DC share will decrease

4-13-16
Gail Alexander-Reeves / Date
Director of Budget

4-12-16
Leonard R. Benson / Date
Chief Engineer

4/14/16
Dan Bae / Date
Director of Procurement

George S. Hawkins / Date
General Manager/CEO

Div U Fact Sheet - 150020

DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY
BOARD OF DIRECTORS CONTRACTOR FACT SHEET

ACTION REQUESTED

ENGINEERING SERVICES SUPPLEMENTAL AGREEMENT:

Construction Management - Biosolids Program Management (Joint Use)

Approval to execute Supplemental Agreement No. 3 for $1,964,000. The modification exceeds the General Manager's approval authority.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:		PARTICIPATION:
ARCADIS District of Columbia, P.C. 7550 Teague Road Suite 210 Hanover MD 21076	O'Brien & Gere Engineers, Inc. Bowie, MD		8.7%
	HAKS Silver Spring, MD	MBE	12.3%
	Delon Hampton & Associates Washington, DC	MBE	16.4%

DESCRIPTION AND PURPOSE

Original Contract Value:	$28,385,874	
Value of this Supplemental Agreement:	$1,964,000	
Cumulative SA Value, including this SA:	$7,392,800	
Current Contract Value, Including this SA:	$35,778,674	
Original Contract Time:	1,249 Days	(3 Years, 5 Months)
Time extension, this SA:	184 Days	
Total SA contract time extension:	827 Days	(2 years, 3 Months)
Contract Start Date:	04-26-2011	
Contract Completion Date:	12-31-2016	

Purpose of the Contract:

- To provide onsite Construction Management (CM) Services for the Biosolids Management Program.
- This work is not required by a Consent Decree.

Original Contract Scope:

- To provide CM services for three construction contracts that are part of the Biosolids Management Program; the Main Process Train (MPT) (thermal hydrolysis/anaerobic digestion), Combined Heat & Power (CHP), and Final Dewatering Facilities (FDF); which are being delivered via design-build, design-build-operate and design-bid-build delivery methods, respectively.

Previous Supplemental Agreement Scope:

- Provide extension of CM services to accommodate changes in the sequence and scope of construction. Changes included; upgrades to the waste liquor return pump station, existing lime stabilization system enhancements sequence, alterations to the odor control chemical feed system for compatibility with hydrochloric acid and foul air loading.

Current Supplemental Agreement Scope:

To provide CM services for FDF and CHP contracts. The schedule for each of these projects has been extended due primarily to the following reasons:

- Upgrades to the existing lime stabilization system under the FDF contract were delayed until the new MPT system was fully operational and proven and more recently the contractor has experienced delays with submittal preparation and compliance.
- Integration of the existing lime stabilization system controls into the new FDF system revealed unforeseen control issues that required correction.
- FDF contractor delays in delivering service manuals and training will push administrative closure through November of 2016.
- In late February of 2016 the Combustion turbine generators installed under the CHP contract were revealed to have a design defect that affected performance delaying acceptance testing.

Future Supplemental Agreement Scope:

N/A

PROCUREMENT INFORMATION

Contract Type:	Cost Plus Fixed Fee	**Award Based On:**	Highest Ranking Score
Commodity:	Engineering Services	**Contract Number:**	DCFA #429-WSA
Contractor Market:	Open Market		

BUDGET INFORMATION

Funding:	Capital	**Department:**	Engineering and Technical Services
Service Area:	Wastewater	**Department Head:**	Liliana Maldonado
Project:	XA		

ESTIMATED USER SHARE INFORMATION

User	Share %	Dollar Amount
District of Columbia	41.22%	$809,561.00
Washington Suburban Sanitary Commission	45.84%	$900,298.00
Fairfax County	8.38%	$164,583.00
Loudoun County & Potomac Interceptor	4.56%	$89,558.00
Total Estimated Dollar Amount	**100.00%**	**$1,964,000.00**

Gail Alexander-Reeves / 4-13-16
Gail Alexander-Reeves — Date
Director of Budget

Leonard R. Benson / 4-12-16
Leonard R. Benson — Date
Chief Engineer

Dan Bae / 4/14/16
Dan Bae — Date
Director of Procurement

George S. Hawkins / _____
George S. Hawkins — Date
General Manager

DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY
BOARD OF DIRECTORS CONTRACTOR FACT SHEET

ACTION REQUESTED

GOODS AND SERVICES CONTRACT MODIFICATION

Repair of Industrial Pumps
(Joint Use)

Approval to execute contract modification to add additional funding for the industrial pump repair contract in the amount of $447,431.00.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:	PARTICIPATION:
M & M Electric Motor Repair, Inc. 205 Bucheimer Road Frederick, Maryland 21701 (LSBE)	N/A	N/A

DESCRIPTION AND PURPOSE

Original Contract Value:	$610,000.00
Original Contract Dates:	04-23-2009 – 04-22-2010
No. of Option Years in Contract:	4
Option Year 1 Value:	$610,000.00
Option Year 1 Dates:	06-22-2010 – 6-21-2011
Option Year 2 Value:	$500,000.00
Option Year 2 Dates:	6-22-2011 – 06-21-2012
Option Year 3 Value:	$297,873.00
Option Year 3 Dates:	06-22-2012 – 6-21-2013
Option Year 4 Value:	$625,000.00
Option Year 4 Dates:	06-22-2013 – 6-21-2014
Modification Values:	$3,054,140.12
Modification Dates:	10-01-2009 – 07-31-2016
This Modification Value:	**$447,431.00**
This Modification Dates:	**05-09-2016 – 07-31-2016**

Purpose of the Contract:

To contract for services to repair and maintain various large industrial pumps for the District of Columbia Water and Sewer Authority's (DC Water) Departments of Maintenance Services (DMS) and Distribution & Conveyance Systems (DDCS).

Contract Scope:

To provide all labor, materials, tools, equipment, and transportation necessary to repair, replace, or rebuild pumping equipment at DC Water's water and wastewater facilities.

Reason for the Change:

The Department of Distribution & Conveyance Systems requires additional funding to repair and/or rehabilitate the Virginia & New Hampshire, 1st & Canal, 3rd & Constitution and Main stormwater pumping and pump stations.

Spending Previous Year:

Cumulative Contract Value:	04-23-2009 to 07-31-2016: $5,697,013.12
Cumulative Contract Spending:	04-23-2009 to 04-06-2016: $5,224,264.29

Contractor's Past Performance:

According to the COTR, the Contractor's quality of workmanship; conformance to DC Water's policies, procedures and contract terms; and invoicing all meet expectations.

PROCUREMENT INFORMATION

Contract Type:	Fixed Price	**Award Based On:**	Best Value
Commodity:	Services	**Contract Number:**	WAS-09-012-AA-GA
Contractor Market:	Open Market with Preference Points for LBE and LSBE Participation		

BUDGET INFORMATION

Funding:	Capital	**Department:**	Distribution & Conveyance Systems
Project Areas:	HB, HA and EQP4210	**Department Head:**	Charles Sweeney

User - HA	**Share %**	**Dollar Amount**
District of Columbia	100%	$97,431.00
Washington Suburban Sanitary Commission	0%	$0.00
Fairfax County	0%	$.00
Loudoun Water	0%	$0.00
Other (PI)	0%	$0.00
TOTAL ESTIMATED DOLLAR AMOUNT	**100.00%**	**$97,431.00**

User - HB	**Share %**	**Dollar Amount**
District of Columbia	41.22%	$123,660.00
Washington Suburban Sanitary Commission	45.84%	$137,520.00
Fairfax County	8.38%	$25,140.00
Loudoun Water	3.73%	$11,190.00
Other (PI)	0.83%	$2,490.00
TOTAL ESTIMATED DOLLAR AMOUNT	**100.00%**	**$300,000.00**

User – EQP4210	**Share %**	**Dollar Amount**
District of Columbia	41.54%	$20,770.00
Washington Suburban Sanitary Commission	45.26%	$22,630.00
Fairfax County	8.64%	$4,320.00
Loudoun Water	3.75%	$1,875.00
Other (PI)	0.81%	$405.00
TOTAL ESTIMATED DOLLAR AMOUNT	**100.00%**	**$50,000.00**

Gail Alexander-Reeves / 4/6/16
Gail Alexander-Reeves — Date
Director of Budget

3/29/16
Dan Bae — Date
Director of Procurement

4/6/16
Charles Kiely — Date
Assistant General Manager,
Customer Care & Operations

George S. Hawkins — Date
General Manager

DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY
BOARD OF DIRECTORS CONTRACTOR FACT SHEET

ACTION REQUESTED

GOODS AND SERVICES CONTRACT MODIFICATION
BIOSOLIDS MANAGEMENT
(JOINT USE)

Approval to exercise contract option year four (4) of a contract for biosolids management in the amount of $4,822,500.00.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:	PARTICIPATION:
Nutri-Blend, Inc. P.O. Box 38060 Richmond, VA 23231	N/A	N/A

DESCRIPTION AND PURPOSE

Original Contract Value:	$11,457,422.00
Original Contract Dates:	05-01-2012 – 04-30-2013
No. of Option Years in Contract:	4
Option Year 1 Value:	$11,457,422.00
Option Year 1 Dates:	05-01-2013 – 4-30-2014
Option Year 2 Value:	$7,662,750.00
Option Year 2 Dates:	05-01-2014 – 04-30-2015
Option Year 3 Value:	$5,800,000.00
Option Year 3 Dates:	05-01-2015 – 04-30-2016
Option Year 4 Value:	**$4,822,500**
Option Year 4 Dates:	**05-01-2016 – 04-30-2017**
Unit Price Decrease from previous Year	**17%**
Quantity for Forth Option Year:	**170,000 wet tons**

Purpose of the Contract:

To continue compliance with discharge permit and distribute recycled biosolids to farms, compost facilities, and reclamation sites in the mid-Atlantic region.

Contract Scope:

To remove biosolids from the dewatered biosolids loading facility.

Spending Previous Years:

Cumulative Contract Value: 05-01-2012 to 04-30-2016: $36,377,594.50
Cumulative Contract Spending: 05-01-2012 to 03-28-2016: $33,629,880.89

Contractor's Past Performance:

The contractor's performance has been satisfactory.

No LSBE participation.

PROCUREMENT INFORMATION			
Contract Type:	Firm Fixed Unit Price	**Award Based On:**	Highest-Ranking Score
Commodity:	Services	**Contract Number:**	WAS-12-007-AA-SH
Contractor Market:	Open Market with Preference Points for LBE and LSBE Participation		

BUDGET INFORMATION			
Funding:	Operating	**Department:**	Wastewater Treatment
Project Area:	Blue Plains AWTP	**Department Head:**	Salil Kharkar

USER SHARE INFORMATION

User	Share %	Dollar Amount
District of Columbia	41.67%	$2,009,535.75
Washington Suburban Sanitary Commission	43.21%	$2,083,802.25
Fairfax County	10.45%	$503,951.25
Loudon County	4.02%	$193,864.50
Other (PI)	0.65%	$31,346.25
Total	**100.00%**	**$4,822,500.00**

3/10/16
Dan Bae Date
Director of Procurement

3/31/16
Gail Alexander-Reeves Date
Director of Budget

_____/_____
Aklile Tesfaye Date
Assistant General Manager,
Blue Plains

_____/_____
George S. Hawkins Date
General Manager

DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY
BOARD OF DIRECTORS CONTRACTOR FACT SHEET

ACTION REQUESTED

GOODS AND SERVICES CONTRACT OPTION YEAR

Elevator Maintenance and Repair Services
(Joint Use)

Approval to exercise option year four (4) for Elevator Maintenance and Repair Services contract in the amount of $146,668.00.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:	PARTICIPATION:
Collins Elevator Services, Inc. 800 Hamlin Street, NE Washington, DC 20017	N/A	N/A

DESCRIPTION AND PURPOSE

Original Contract Value:	$210,160.00
Original Contract Dates:	01-20-2012—01-21-2013
No. of Option Years in Contract:	4
Option Year 1 Value:	$218,675.00
Option Year 1 Dates:	01-20-2013—01-21-2014
Option Year 2 Value:	$220,000.00
Option Year 2 Dates:	01-20-2014 – 01-21-2015
Option Year 3 Value:	240,845.00
Option Year 3 Dates:	01-20-2015 – 01-21-2016
Modification Value:	$80,000.00
Modification Dates:	01-22-2016—05-31-2016
Option Year 4 Value:	**$146,668.00**
Option Year 4 Dates:	**06-01-2016—01-21-2017**

Purpose of the Contract:

To provide the District of Columbia Water and Sewer Authority (DC Water) with elevator maintenance, equipment replacement and repair services to include preventative maintenance repair, replacement and inspection of elevators, wheelchair lifts, commercial lifts and dumbwaiters located in DC Water facilities.

Contract Scope:

The contract provides for the full and complete preventative maintenance, repair, replacement and inspection of elevators (traction and hydraulic), wheelchair and commercial lifts, and dumbwaiters located at DC Water facilities.

Spending Previous Year:

Cumulative Contract Value:	01-20-2012 to 05-31-2016: $969,680.00
Cumulative Contract Spending:	01-20-2012 to 02-18-2016: $582,754.24

Contractor's Past Performance:

The Contractor's past performance has been satisfactory.

No LBE/LSBE participation.

PROCUREMENT INFORMATION

Contract Type:	Fixed Price	**Award Based On:**	Best Value
Commodity:	Services	**Contract Number:**	WAS-11-059-AA-RA
Contractor Market:	Open Market with Preference Points for LBE and LSBE Participation		

BUDGET INFORMATION

Funding:	Operating	**Department:**	Facilities
Project Area:	Blue Plains AWTP	**Department Head:**	Johnnie Walker

ESTIMATED USER SHARE INFORMATION

User - Operating	Share %	Dollar Amount
District of Columbia	41.67%	$33,336.00
Washington Suburban Sanitary Commission	43.21%	$34,568.00
Fairfax County	10.45%	$8,360.00
Loudoun Water	4.02%	$3,216.00
Other (PI)	0.65%	$520.00
TOTAL ESTIMATED DOLLAR AMOUNT	**100.00%**	**$80,000.00**

ESTIMATED USER SHARE INFORMATION

Funding:	Capital	**Department:**	Facilities
Project Area:	Blue Plains AWTP	**Department Head:**	Johnnie Walker

User - Capital	Share %	Dollar Amount
District of Columbia	41.54%	$27,693.06
Washington Suburban Sanitary Commission	45.26%	$30,173.03
Fairfax County	8.64%	$5,761.94
Loudoun Water	3.75%	$2,499.98
Other (PI)	0.81%	$539.99
TOTAL ESTIMATED DOLLAR AMOUNT	**100.00%**	**$66,668.00**

Dan Bae / 3/11/16
Director of Procurement — Date

Gail Alexander-Reeves / 3/11/16
Director of Budget — Date

Rosalind R. Inge / 3/11/16
Assistant General Manager,
Support Services — Date

George S. Hawkins / _____
General Manager — Date

DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY
BOARD OF DIRECTORS CONTRACTOR FACT SHEET

ACTION REQUESTED

CONSTRUCTION CONTRACT:

East Side Interceptor Rehabilitation
(Non-Joint Use)

Approval to execute a construction contract for $7,798,842.03

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:		PARTICIPATION:
Inland Waters Pollution Control, Inc. 10,555 Tucker Street Beltsville, MD 20705	S&J Services Hyattsville, MD	MBE	32.3%
	Peer Consultants Washington, DC	WBE	2.4%
	Empire Landscaping, LLC Silver Spring, MD	WBE	3.6%

DESCRIPTION AND PURPOSE

Contract Value, Not-To-Exceed:	$7,798,842.03	
Contract Time:	925 Days	(2 Years, 7 Months)
Anticipated Contract Start Date (NTP):	6-1-2016	
Anticipated Contract Completion Date:	12-13-2018	
Bid Opening Date:	March 2, 2016	
Bids Received:	5	
Other Bids Received		
SAK Construction	$ 7,890,170.00	
PAK1, LLC	$ 9,458,205.00	
Pleasants Construction, Inc.	$ 10,899,000.00	
Spinello Company	$ 10,959,000.00	

Purpose of the Contract:

To clean and line the 51 inch diameter East Side Interceptor Sewer and clean and line or relocate other DC Water sewers inside the United States National Arboretum.

Contract Scope:

- Clean and line 3,235 feet of 51 inch diameter sewer, 1775 feet of 10 inch diameter sewer, 545 feet of 12 inch diameter sewer and 405 feet of 15 inch diameter sewer.
- Relocate 690 feet of 15 inch diameter sewer.
- Abandon 9 manholes and construct or re-construct 30 manholes

PROCUREMENT INFORMATION

Contract Type:	Fixed Price	**Award Based On:**	Lowest responsive, responsible bidder
Commodity:	Construction	**Contract Number:**	130260
Contractor Market:	Open Market		

BUDGET INFORMATION

Funding:	Capital	**Department:**	Engineering and Technical Services
Service Area:	Sanitary	**Department Head:**	Liliana Maldonado
Project:	J3		

*ESTIMATED USER SHARE INFORMATION

User	Share %	Dollar Amount
District of Columbia	100%	$ 7,798,842.03
Federal Funds	0%	$
Washington Suburban Sanitary Commission	0%	$
Fairfax County	0%	$
Loudoun County & Potomac Interceptor	0%	$
Total Estimated Dollar Amount	**100.00%**	**$ 7,798,842.03**

4-13-16
Gail Alexander-Reeves / Date
Director of Budget

4/14/16
Dan Bae / Date
Director of Procurement

4-12-16
Leonard R. Benson / Date
Chief Engineer

George S. Hawkins / Date
General Manager

DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY
BOARD OF DIRECTORS CONTRACTOR FACT SHEET

ACTION REQUESTED

GOODS AND SERVICES CONTRACT OPTION YEAR

Sand, Gravel, Stone, Topsoil, and Concrete
(Non-Joint Use)

Approval to exercise option year four (4) for Sand, Gravel, Stone, Topsoil, and Concrete contract in the amount of $325,000.00.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:	PARTICIPATION:
Rodgers Brothers Custodial Services, Inc. 2230 Lawrence Ave., NE Washington, DC 20018 LSBE	N/A	N/A

DESCRIPTION AND PURPOSE

Original Contract Value:	$365,000.00
Original Contract Dates:	05-30-2012—05-29-2013
No. of Option Years in Contract:	4
Option Year 1 Value:	$225,000.00
Option Year 1 Dates:	05-30-2013—05-29-2014
Option Year 2 Value:	$80,000.00
Option Year 2 Dates:	05-30-2014 – 05-29-2015
Option Year 3 Value:	300,000.00
Option Year 3 Dates:	05-30-2015 – 05-29-2016
Option Year 4 Value:	**$325,000.00**
Option Year 4 Dates:	**05-30-2016—05-29-2017**

Purpose of the Contract:

To provide the District of Columbia Water and Sewer Authority (DC Water) with sand, gravel, stone, topsoil and concrete aggregates to backfill trenches and other excavated areas after sewer lateral replacement and other routine sewer maintenance work.

Contract Scope:

The sand, gravel, stone, topsoil and concrete aggregate supplied by this contract provide structural support in the repair, rebuild and replacement of water and sewer lines.

Spending Previous Year:

Cumulative Contract Value:	05-30-2012 to 05-29-2016: $970,000.00
Cumulative Contract Spending:	05-30-2012 to 04-05-2016: $776,578.18

Contractor's Past Performance:

According to the COTR, the Contractor's timeliness of deliverables; conformance to DC Water's policies, procedures and contract terms; and invoicing all meet expectations.

PROCUREMENT INFORMATION

Contract Type:	Fixed Price	**Award Based On:**	Lowest Bidder
Commodity:	Services	**Contract Number:**	WAS-12-034-AA-CE
Contractor Market:	Open Market with Preference Points for LBE and LSBE Participation		

BUDGET INFORMATION

Funding:	Operating	**Department:**	Sewer Services
Project Area:	District Wide	**Department Head:**	Cuthbert Braveboy

ESTIMATED USER SHARE INFORMATION

User - Operating	Share %	Dollar Amount
District of Columbia	100.00%	$325,000.00
Washington Suburban Sanitary Commission	0.00%	$0.00
Fairfax County	0.00%	$0.00
Loudoun Water	0.00%	$0.00
Other (PI)	0.00%	$0.00
TOTAL ESTIMATED DOLLAR AMOUNT	**100.00%**	**$325,000.00**

Gail Alexander-Reeves — Date 4/8/16
Director of Budget

Dan Bae — Date 4/6/16
Director of Procurement

Charles Kiely — Date 4/7/16
Assistant General Manager,
Customer Care and Operations

George S. Hawkins — Date
General Manager