



## 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, June 16, 2016  
9:30 a.m.*

- |                   |   |                                  |
|-------------------|---|----------------------------------|
|                   | <b>I. Call to Order</b>   | David Lake<br>Acting Chairperson |
| <b>9:30 a.m.</b>  | <b>II. AWTP Status Updates</b><br>1. BPAWTP Performance   | Aklile Tesfaye                   |
| <b>9:40 a.m.</b>  | <b>III. O Street Pump Station Project</b>   | Len Benson                       |
| <b>9:55 a.m.</b>  | <b>IV. Action Items</b>   |                                  |
|                   | <b>Joint Use</b>  | Len Benson / Dan Bae             |
|                   | 1. <a href="#">Contract No. IFB 150110 – Miscellaneous Facilities Upgrade, Phase 5, American Contracting &amp; Environmental Services, Inc.</a>       |                                  |
|                   | 2. <a href="#">Contract No. IFB 150030 – Raw Wastewater Pump Station 2 Upgrades, American Contracting &amp; Environmental Services, Inc.</a>          |                                  |
|                   | 3. <a href="#">Contract No. IFB 140060 - New Headquarters Office Building, Skanska USA Building, Inc.</a>   |                                  |
|                   | 4. <a href="#">Contract No. 16-PR-DWT-41A - Supply and Delivery of Methanol, Colonial Chemical Solutions</a>  |                                  |
|                   | 5. <a href="#">Contract No. 16-PR-DWT-41B - Supply and Delivery of Methanol, Mitsubishi International Corporation</a>                                 |                                  |
|                   | 6. <a href="#">Contract No. WAS-10-003-AA-GA - Repair, Rehabilitation, and Upgrade of Various Process Systems, M &amp; M Electrical Motor Company</a> |                                  |
|                   | <b>Non-Joint Use</b>  |                                  |
|                   | 1. <a href="#">Contract No. WAS-13-042-AA-RA – Knoll Furniture &amp; Furnishings, MOI, Inc.</a>   |                                  |
| <b>10:20 a.m.</b> | <b>V. Other Business/Emerging Issues</b>  |                                  |

10:25 a.m. VI. Adjournment

David Lake  
Acting Chairperson

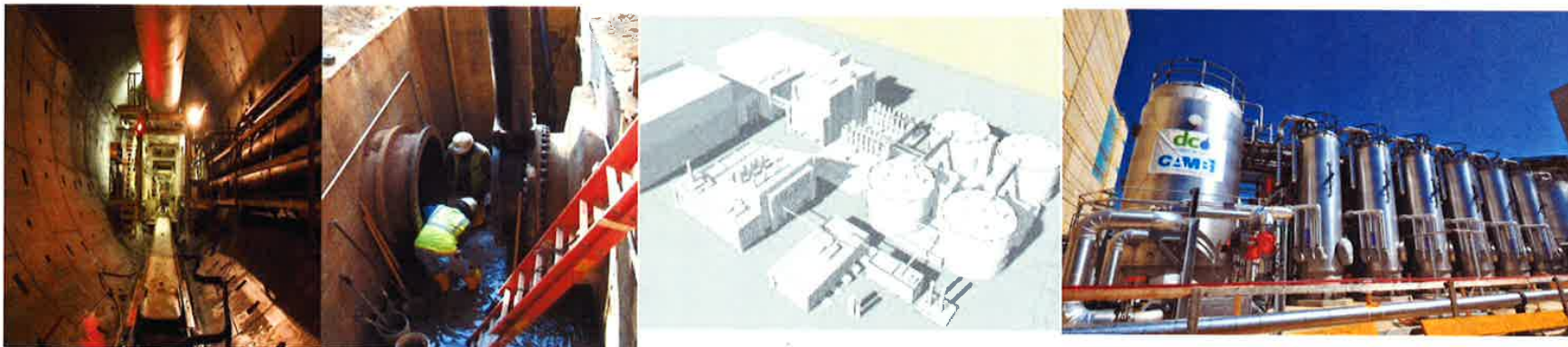
\* The DC Water Board of Directors may go into executive session at this meeting pursuant to the District of Columbia Open Meetings Act of 2010, if such action is approved by a majority vote of the Board members who constitute a quorum to discuss: matters prohibited from public disclosure pursuant to 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. Director Procurement: Present a high-level briefing on ongoing and planned updates to its procurement process. **{to be scheduled for a future meeting}**
2. Director Engineering: Modify table showing future anticipated large contract actions to show which contracts are joint use vs. non-joint use and indicate which contracts have a small joint-use component yet to be determined. **{to be incorporated into 3<sup>rd</sup> Quarter CIP Performance Report}**

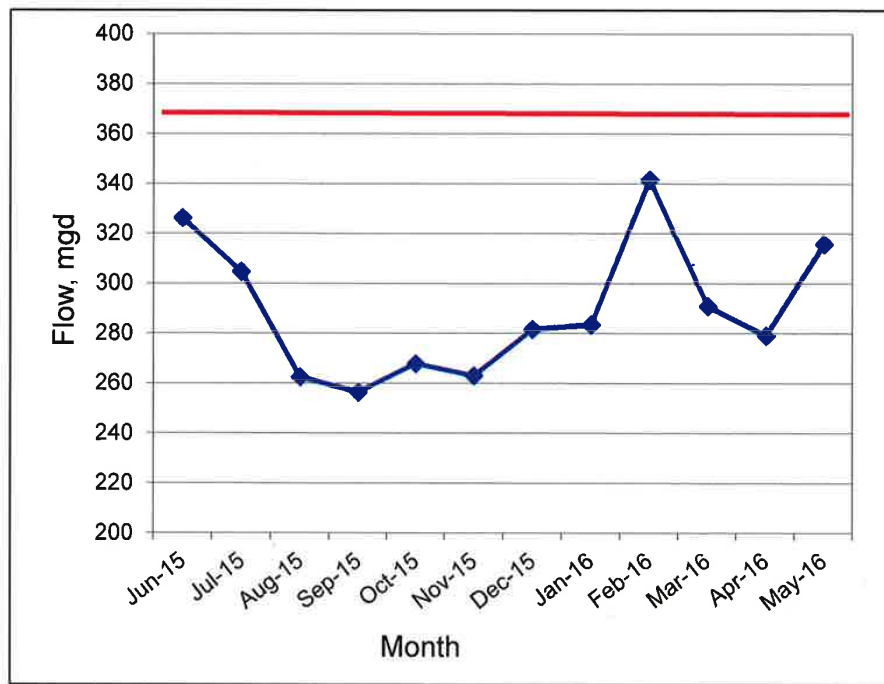


# Blue Plains AWWTP Performance May 2016





# Plant Influent Flow



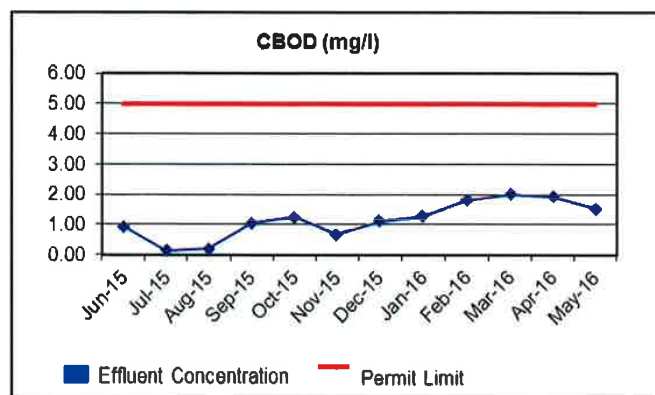
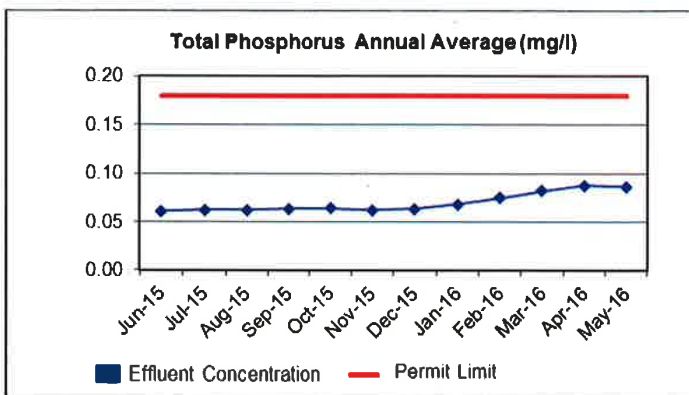
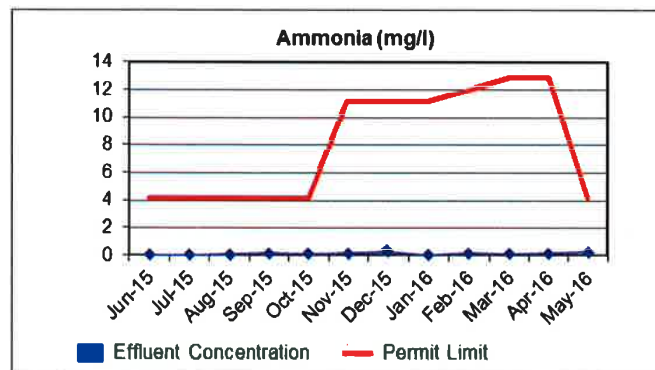
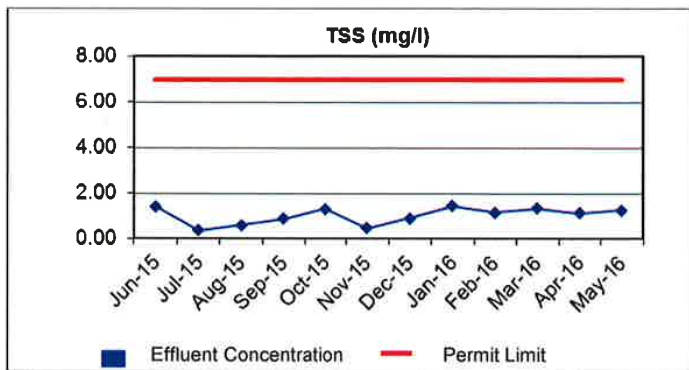
- The monthly average influent flow ~ 317 MGD
- 12-month rolling average flow ~ 290 MGD
- Excess Flow ~ 40 MG

■ Influent Flow      — Average Design Capacity



## Plant Effluent - Quality

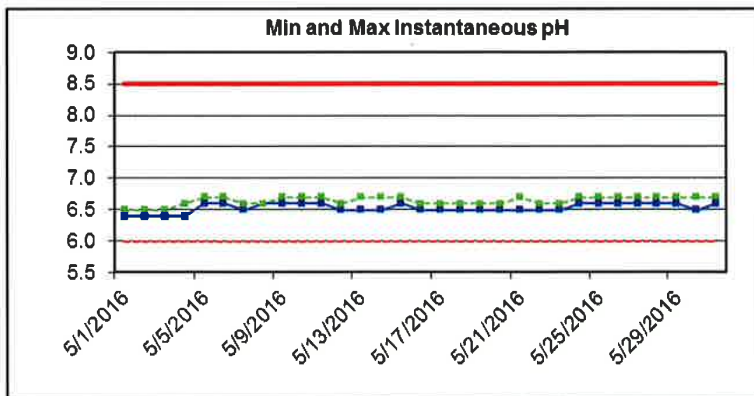
☐ Performance was excellent with all parameters well within the NPDES permit limits



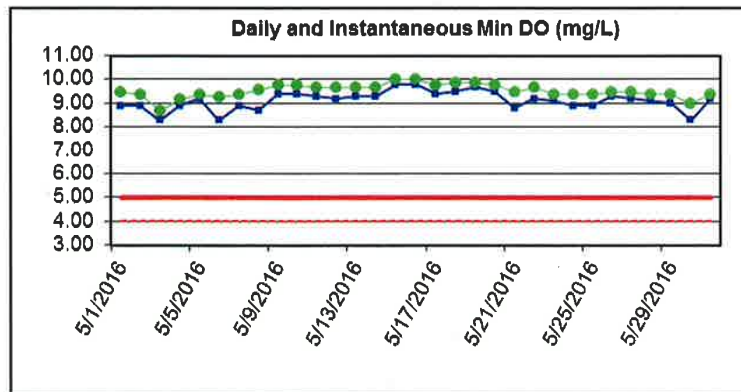




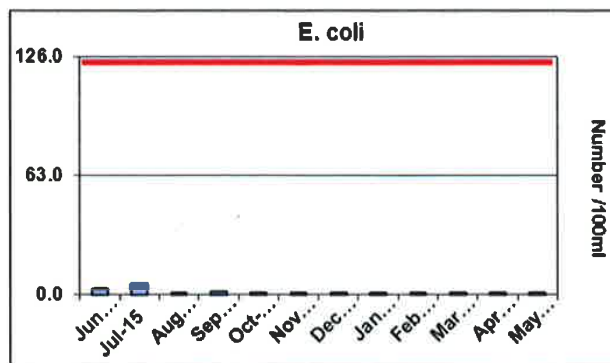
## Plant Effluent - Quality



● MAX pH ■ MIN pH — Upper Limit - - Lower Limit



● MIN Daily Average — MIN Daily Average Limit ■ Instant MIN DO - - Instant MIN Limit

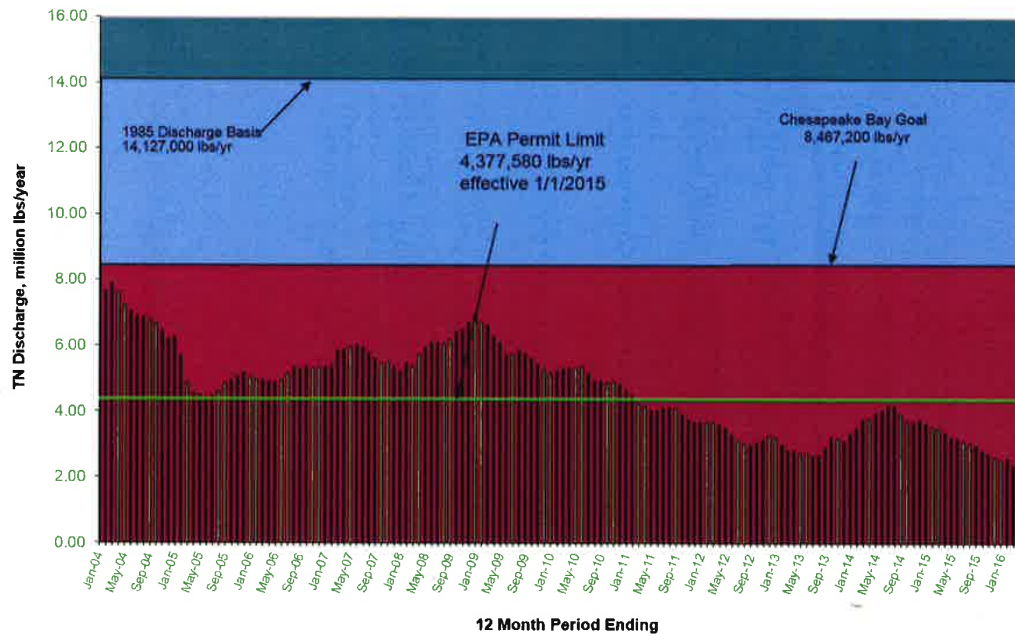


■ E. Coli Geo-mean — Permit Limit



# Total Nitrogen Removal

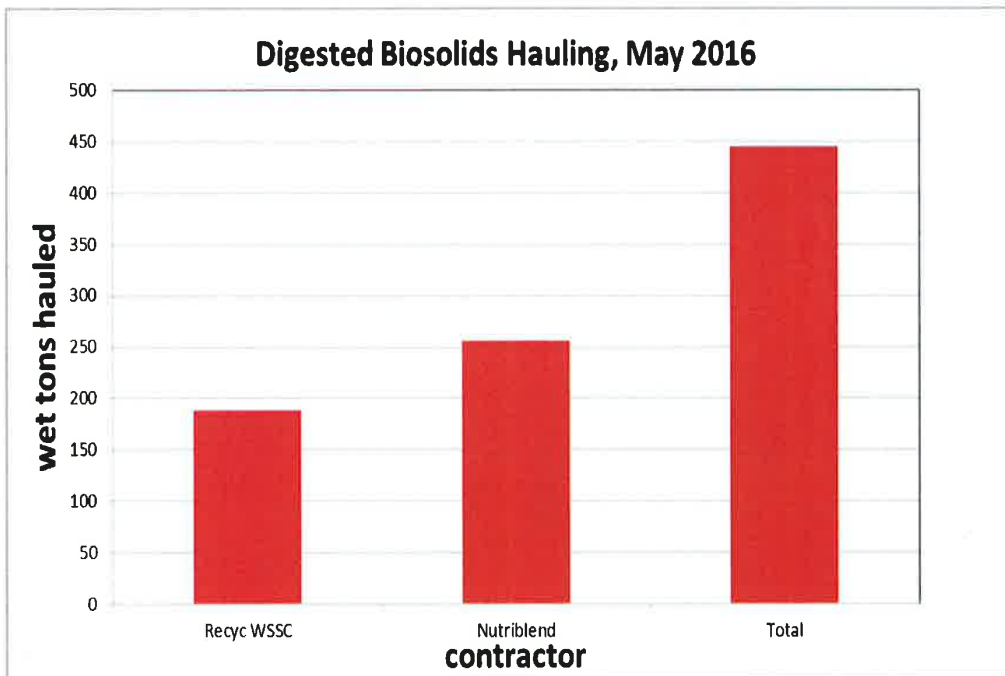
Annual Total Nitrogen Load, lbs/yr



- ❑ Average effluent concentration ~ 3.61 mg/L
- ❑ Total discharged (01/01 – 05/31/2016) ~ 1,187,094 lbs.
- ❑ On target to meet 4,377,580 lbs./yr. permit limit



## Biosolids - Production

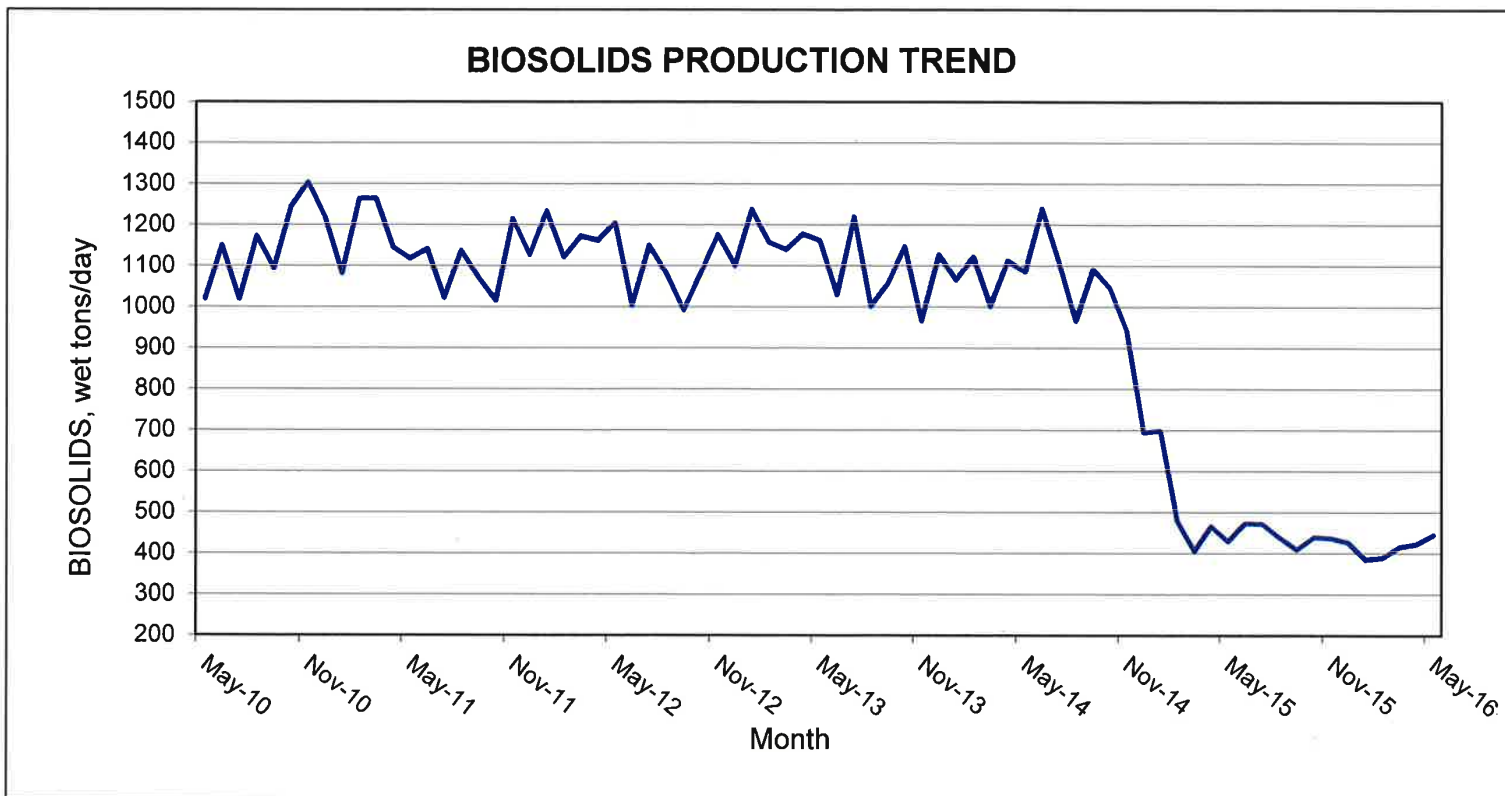


- ☐ Average Class A biosolids produced ~ 445 wet tons/day
- ☐ All materials land applied



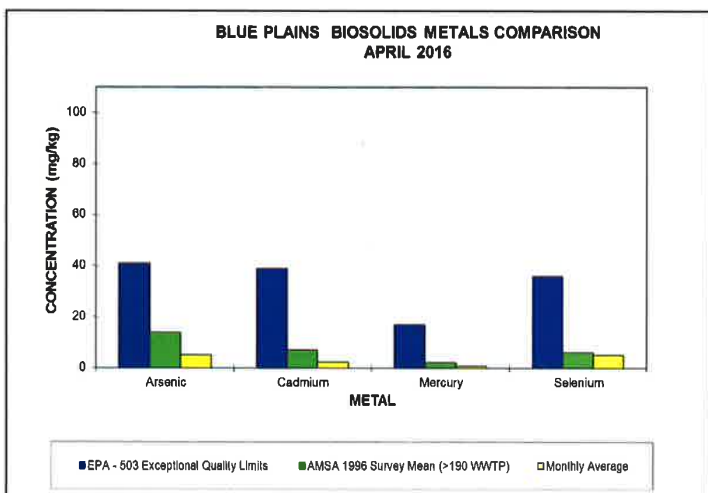
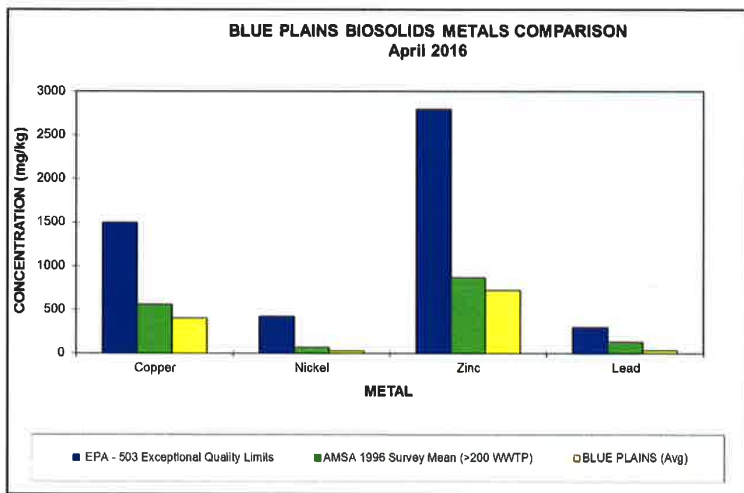


# Biosolids - Production



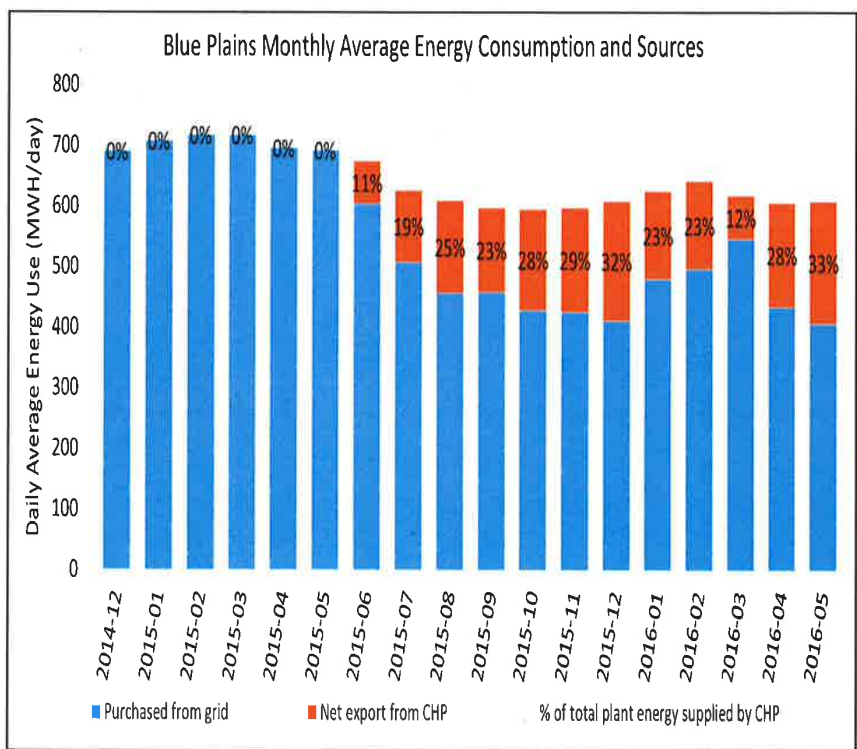


# Biosolids – Exceptional Quality





## Energy - Consumption/Generation

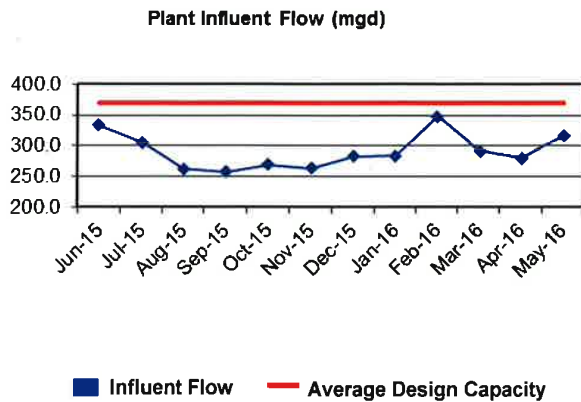


- ☐ Average energy consumed ~ 607 MWH/day
- ☐ Average energy purchased ~ 406 MWH/day
- ☐ Average CHP energy generated ~ 201 MWH/day or 33% of energy consumed at Blue Plains

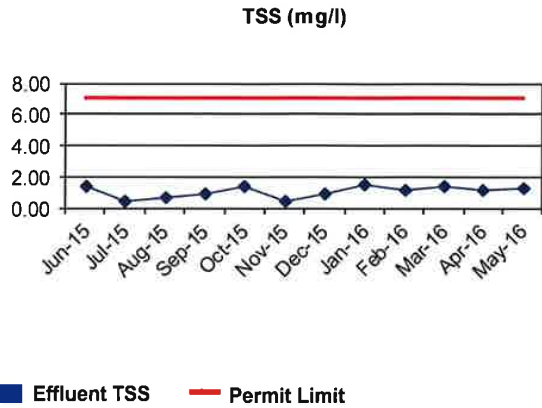
## DEPARTMENT OF WASTEWATER TREATMENT

### May 2016

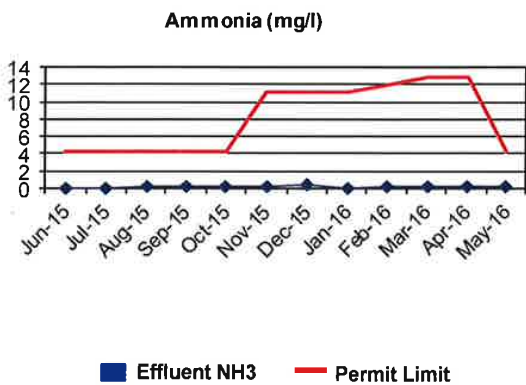
Average plant performance for the month was excellent with all effluent parameters well below the seven-day and monthly NPDES permit requirements. The monthly average influent flow was 317 MGD. There was 40 MG of Excess Flow during this reporting period. The following Figures compare the plant performance with the corresponding NPDES permit



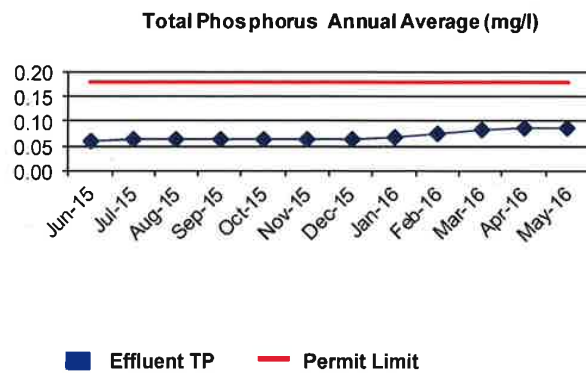
This graph illustrates the monthly average influent flow to the plant. The design average flow is 370 MGD. Blue Plains has a revised 4-hour peak flow capacity of 511 MGD through complete treatment. Flows up to 336 MGD in excess of the 511 MGD peak capacity receive primary treatment, disinfection and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



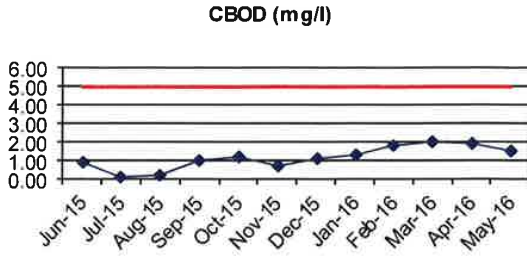
Effluent Total Suspended Solids (TSS) is a measure of the amount of solid material that remains suspended after treatment. The effluent TSS concentration for the month averaged 1.28 mg/L, which is below the 7.0 mg/L permit limit.



The Ammonia Nitrogen (NH<sub>3</sub>-N) is a measure of the nitrogen found in ammonia. For the month, effluent NH<sub>3</sub>-N concentration averaged 0.26 mg/L and is below the average 4.2 mg/L limit.

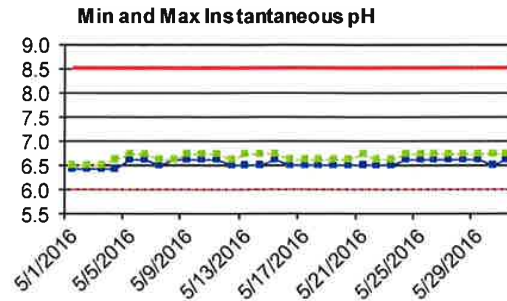


The Total Phosphorus (TP) is a measure of the particulate and dissolved phosphorus in the effluent. The annual average effluent TP concentration is 0.08 mg/L, which is below the 0.18 mg/L annual average limit.



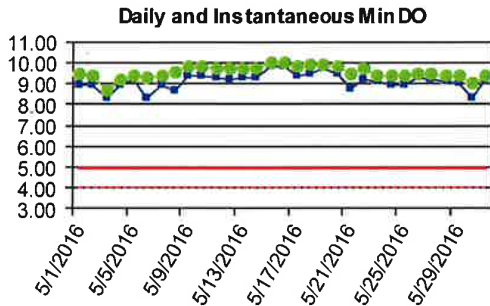
■ Effluent CBOD    — Permit Limit

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 1.53 mg/L (partial month), which is below the 5.0 mg/L limit.



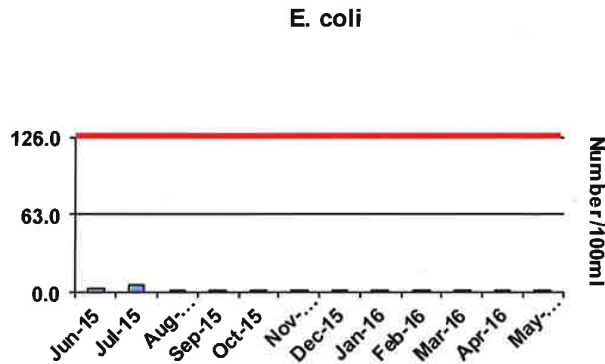
● MAX pH    ■ MIN pH    — Upper Limit    - - Lower Limit

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.



● MIN Daily Average    ■ Instant MIN DO  
 — MIN Daily Average Limit    - - Instant MIN Limit

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 8.7 mg/L. The minimum instantaneous DO reading is 8.3 mg/L. The minimum permit limits are 5.0 mg/L and 4.0 mg/L respectively.



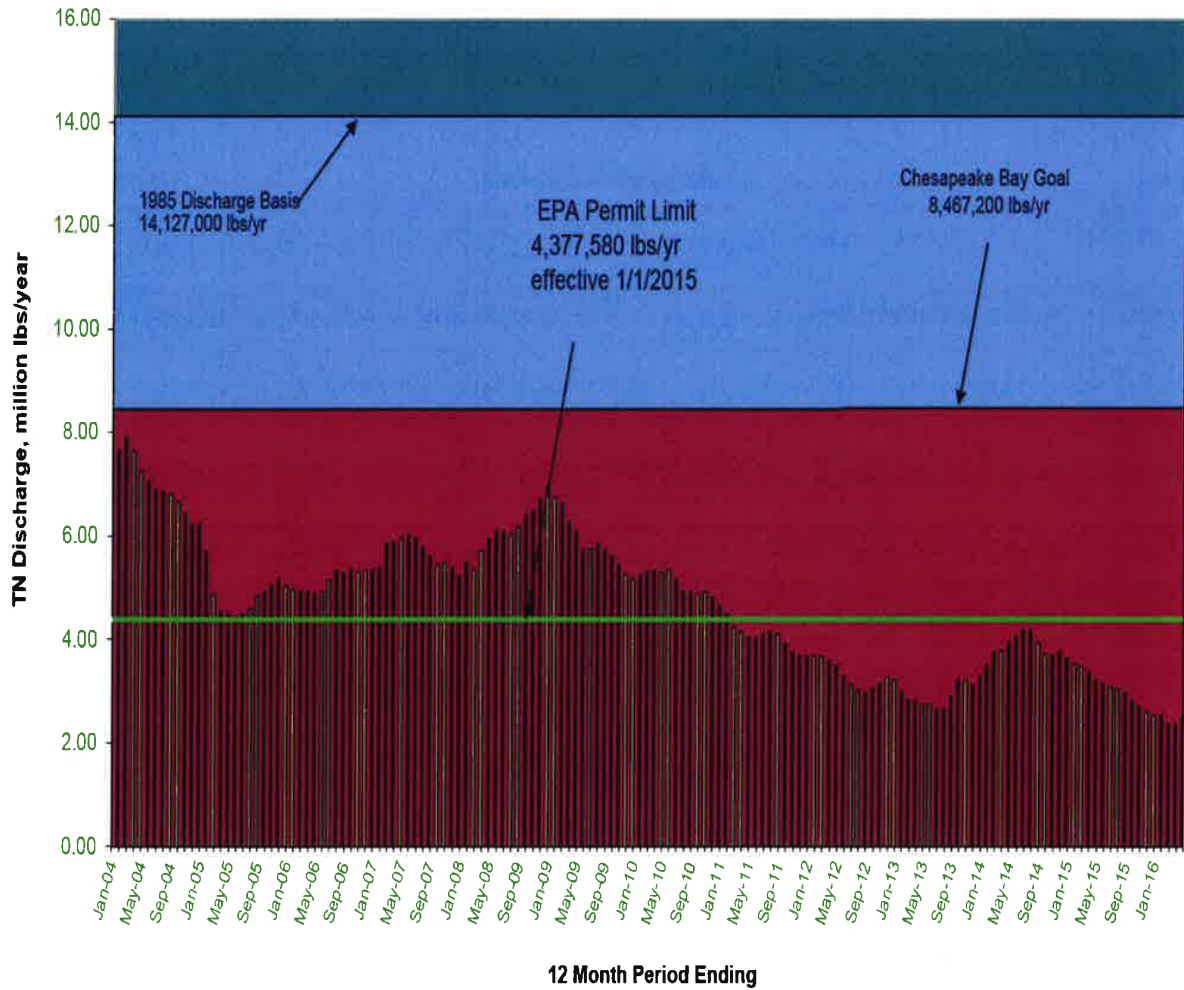
■ E. coli Geomean    — Permit Limit

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 3.61 mg/l. The figure below shows Blue Plains effluent total nitrogen (TN) since the implementation of full scale BNR.

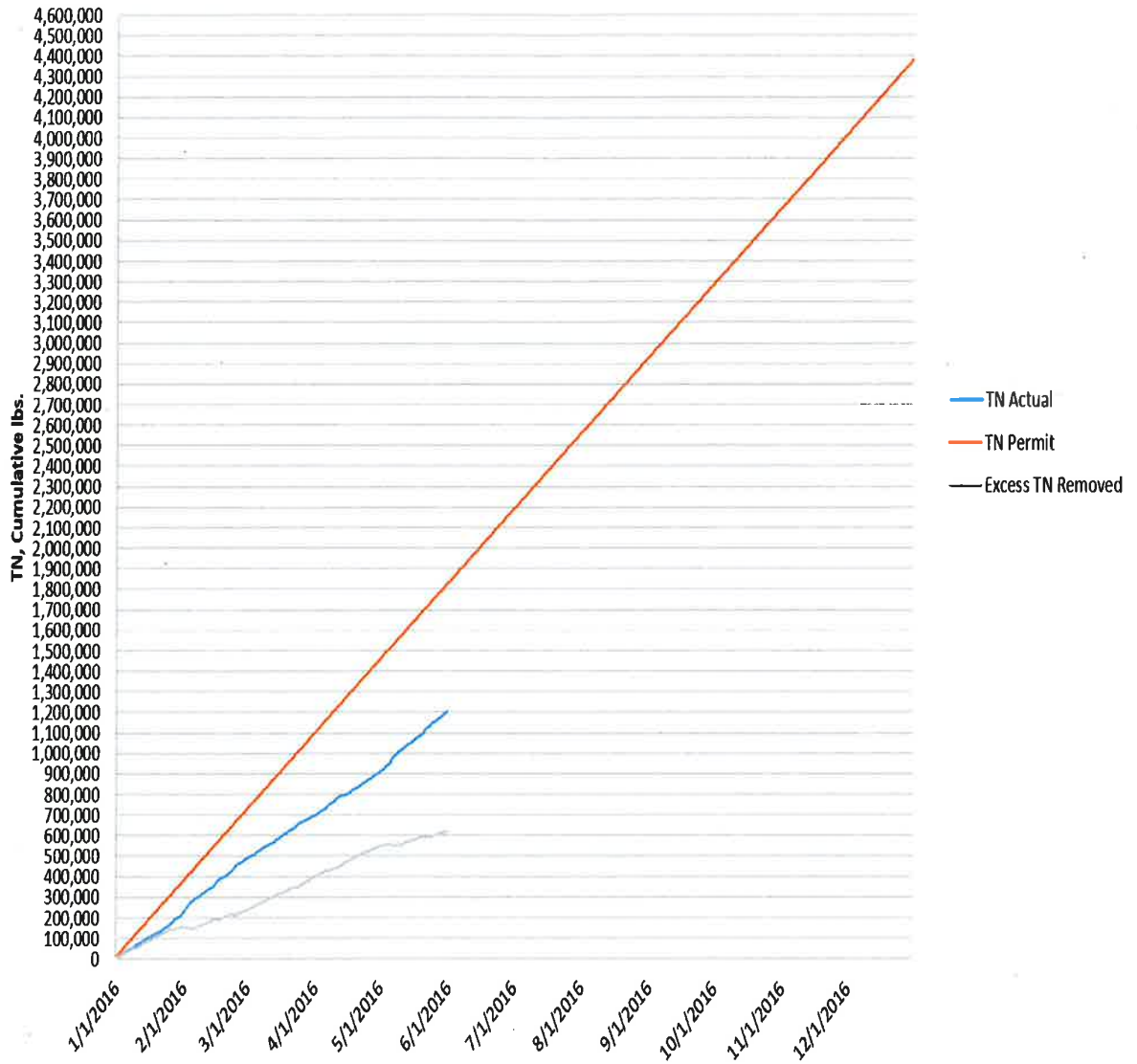
### Annual Total Nitrogen Load, lbs/yr





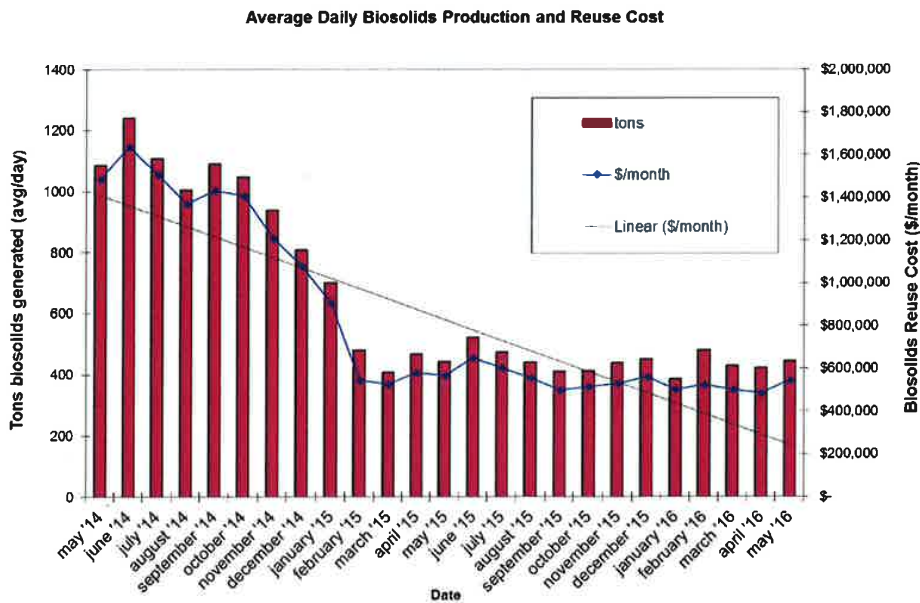
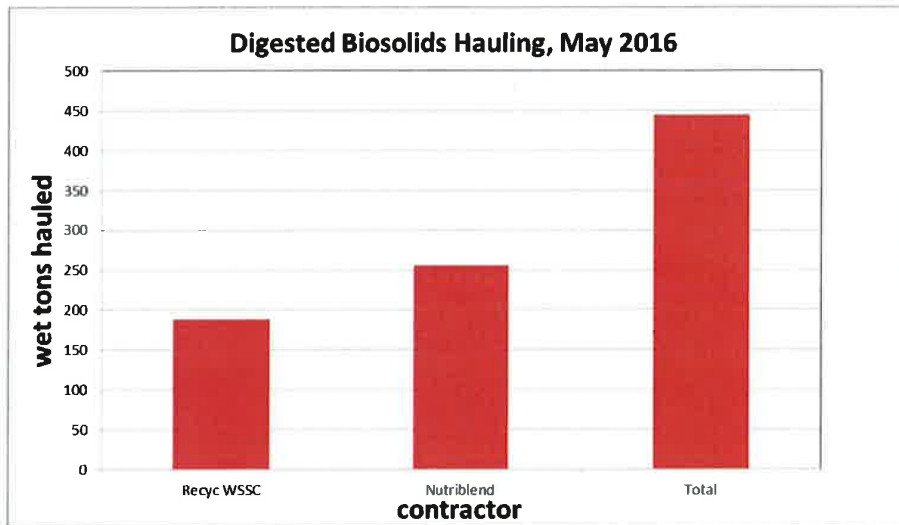
TN Removal at Blue Plains is on target to meet limits for 2016 as seen in the graph below.

### 2016 Cumulative Nitrogen



### BLUE PLAINS RESOURCE RECOVERY REPORT – MAY 2016

In May, biosolids hauling averaged 445 wet tons per day (wtpd). The graph below shows the total hauling by contractor for the month of May. The average percent solids for the digested material was 31.4%. At the end of May the Cumberland County storage pad had approximately 5000 tons (~25,000 tons capacity), Cedarville lagoon had approximately 0 tons of Blue Plains biosolids (~30,000 tons capacity), Goochland pad had 1000 tons, and Fauquier lagoon had 3409 tons (~15,000 tons capacity).

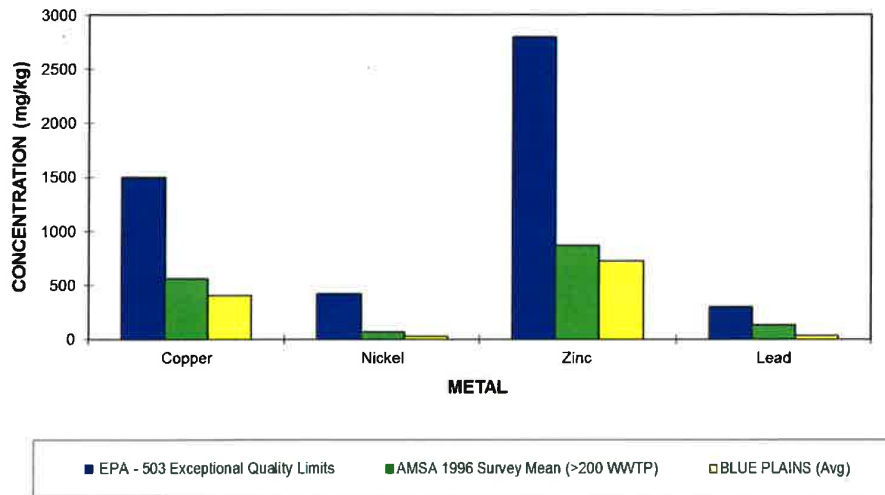


In May, diesel prices averaged \$2.44/gallon and with the contractual fuel surcharge the weighted average biosolids reuse cost was \$39.41/wet ton.

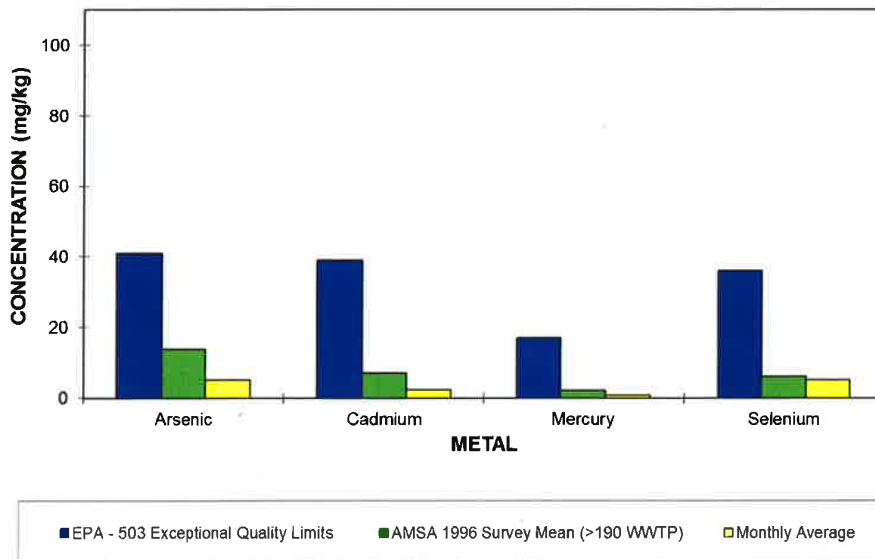
## Product Quality

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

**BLUE PLAINS BIOSOLIDS METALS COMPARISON  
April 2016**



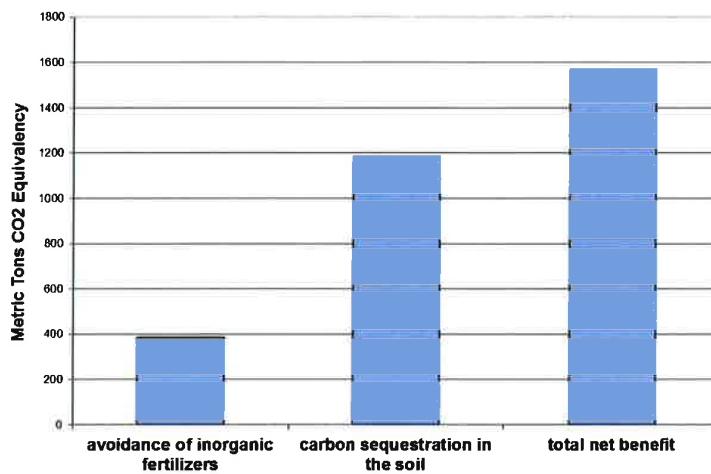
**BLUE PLAINS BIOSOLIDS METALS COMPARISON  
APRIL 2016**



## Environmental Benefits

The quantity land applied in April coming directly from the plant and from storage facilities equaled 22,635 tons. Taking into account the fuel required to transport biosolids to the field, the net benefit of the land applied material is 1507 metric tons CO<sub>2</sub> equivalent avoided emissions. This is equivalent to taking 3,199,008 car miles off the road in the month of April (assumes 20 mpg, 19.4 lb CO<sub>2</sub> equivalent emissions/gallon gas – EPA estimate). The cumulative total avoided carbon emission since, January 2006 is 146,041 metric tons CO<sub>2</sub> equivalent.

### DCWater Biosolids Recycling Program Greenhouse Gas Balance Benefits April 2016 Totals



## Highlights

### Worldwatch Institute Presentation

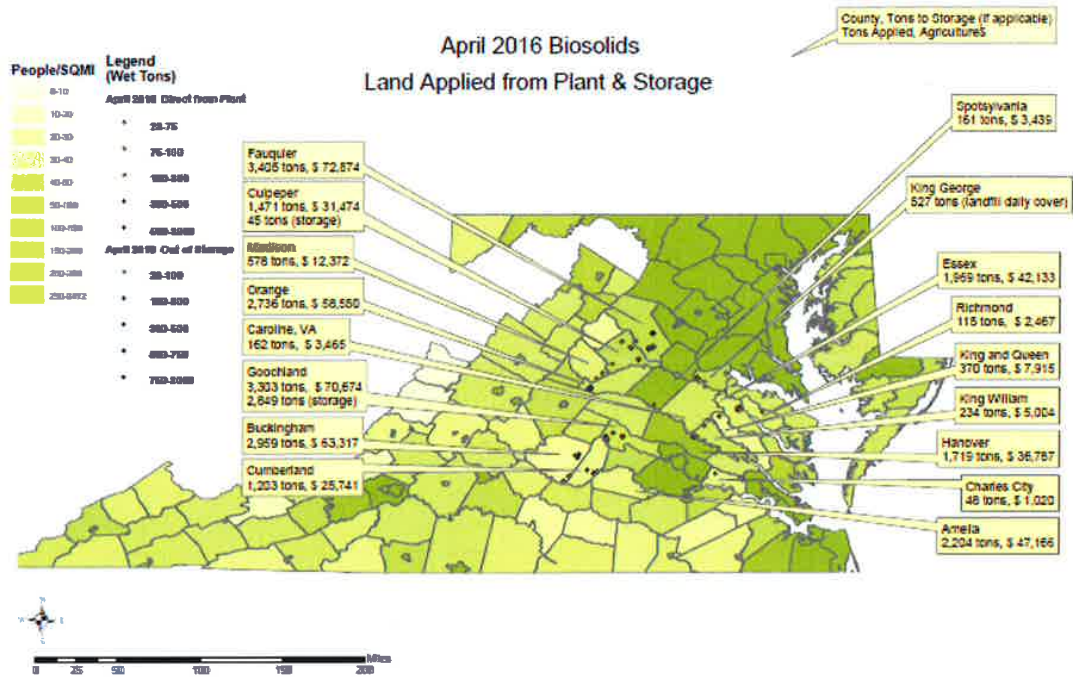
Staff presented at the premier annual event of the Worldwatch Institute, celebrating the release of their annual publication looking at significant global issues, *State of the World*. The title of this year's publication was, "[Can a City be Sustainable?](#)" Staff presented on areas for potential improvement in urban water systems in the U.S. and discussed some of the sustainable solutions DC Water is pursuing, including biosolids recycling, biogas power generation, green infrastructure and tentative plans for co-digestion of food waste and solar panel installations. A video of the presentation can be found here: <https://goo.gl/TajeZg>. UN Water tweeted about the presentation to its 21,000 followers.

## Bloom Product Launch

Staff organized a launch of our first biosolids product, Bloom. The event was held at a DC Park in SW where we had donated product for use in tree planting by Casey Trees. Attendees included the DC Water Board Chair, the Executive Director of Casey Trees, and the Director of DOEE. Also in attendance were three of DC Water's strategic partners, who will use the product in the next 6 months to help determine the best mix recipes and market uses. Attendees received a native tree sapling, planted in a bag of Bloom product.



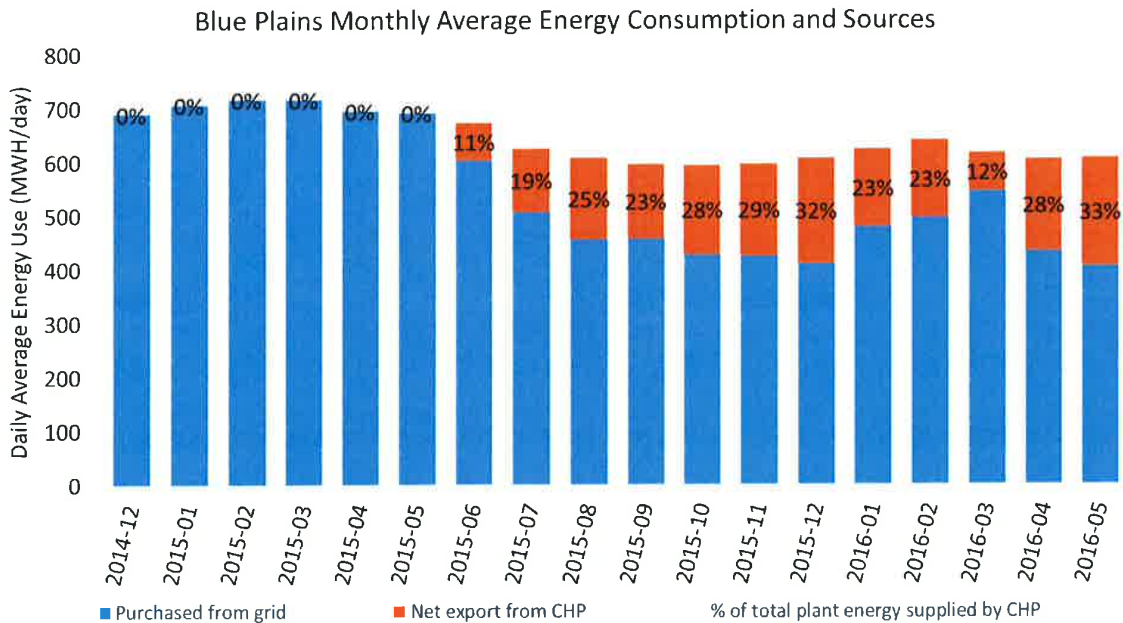
## Biosolids Applications and Agricultural \$'s for April 2016





## BLUE PLAINS ELECTRICITY GENERATION AND USAGE

The average energy consumed at Blue Plains was 607 MWH/day for the month of May, while the average energy purchased from PEPCO was 406 MWH/day. The CHP facility exported an average of 201 MWH/day, making up for 33% of total energy consumed at Blue Plains.



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, pretreatment and laboratory programs. A summary of activities for each group is provided below.

### **Research and Development**

During April, work by the Carbon, Nitrogen and Solids team continued with a focus on several planned experiments. The team also actively participated in two conferences and a brief summary is provided below.

#### April 2 – April 6, 2016: Wastewater Treatment Modeling (WWTmod 2016), Annecy - France.

This conference is jointly organized by IWA and WEF and is a focused symposium of ~120 people from utilities, consulting companies, and academic research groups to discuss current and future trends in wastewater treatment process modeling. The state-of-the-art in process modeling and development needs are discussed at this symposium.

Two DC Water employees attended the conference; Mr. Ahmed Al-Omari (R&D manager) and Dr. Haydee De Clippeleir (research program manager). DC Water has a long history working with top companies for developing process simulators to design and operate wastewater treatment plants through research, process engineering and program management for CIP needs. It is crucial for DC Water to maintain a strong capabilities for developing and using process simulators for planning and process related inquiries especially with the increased sophistication and complexity of the process configurations implemented at the plant. Process simulators can also be augmented with process control capability to develop control strategies to optimize performance. The simulators can also be used to perform mass and energy balances to identify opportunities where a new technology can help with improving net energy production, or identify improvements to current processes to achieve similar goals. DC water contributed to this unique conference by participating in multiple workshops and submitting 4 abstracts highlighting the modeling related project at Blue Plains. Mr. Ahmed Al-Omari was on the organizing committee and assisted the committee in selecting, organizing and developing the workshops.

The schedule started with two days of workshops covering 6 topics: The topics included discussions on data collection, management and use for process modeling; physicochemical phosphorus removal; resource recovery; process control strategies for dynamic modeling; sludge granulation; and industrial wastewater modeling. The conference featured 12 oral presentations in a single track presented over 2.5 days. The culmination of the conference was a debate over a reoccurring theme throughout the talks: (1) complex, physically accurate models vs (2) traditional or easy-to-use models. The solution is most likely a balance incorporating 'buy-in' from the operator and adequate process sensitivity.

The following is a list of poster papers contributed by DC Water:

1. Combining energy- with mass-flow based process models within the fence of a wastewater treatment plant: energy-fractionation for process characterization. Bernhard Wett, Peter Aichinger, **Ahmed Al-Omari**, Jose Jimenez, Tanush Wadhawan, Imre Takacs, and **Sudhir Murthy**
2. A comprehensive C-model describing physiological behaviour of ordinary heterotrophic organisms under different sludge retention times for efficient COD management. Tanush Wadhawan, Arifur Rahman, Jose Jimenez, **Haydee De Clippeleir**, Abdul-Mancell Egala, Mark Miller, Rumana Riffat, Charles Bott, **Sudhir Murthy**, Imre Takacs, Bernhard Wett, and **Ahmed Al-Omari**
3. The case of Ks part II: explaining inhibition due to particulate COD using a mechanistic diffusion model. **Haydee De Clippeleir**, Andy Shaw, Qi Zhang, **Ahmed Al-Omari**, Bernhard Wett, Imre Tackas, and **Sudhir Murthy**
4. Dual Substrate Limitation Model for Mainstream Deammonification. Heather Ann Stewart, **Ahmed Al-Omari**, Charles Bott, **Haydée De Clippeleir**, Arash Massoudieh, **Sudhir Murthy**, Andrew Shaw, Imre Takacs, Tanush Wadhawan, and Bernhard Wett.

Networking through the conference was very important resulting in opportunities to work with the top professional in the business who have similar interests to DC Water.

April 3 – April 6 – Residual and Biosolids 2016 Conference, Milwaukee, WI.

This annual conference is jointly organized by IWA, CWEA, WERF and FWQA. It covered topics including advances in stabilization, thickening and dewatering, thermal processes and energy recovery, residuals and products issues like marketing and quality, bioenergy from residuals, nutrients and resource. DC Water research team has contributed to the conference by presenting two papers highlighting our work on co-digestion and digestion modeling and a workshop presentation on impact of co-digestion on sludge dewaterability. Dr. Bipin Pathak attended this conference representing the R&D efforts along with members of the Residuals and Biosolids Department.

1. Rajagopalan, G., **S.N. Murthy**, C. Bott, K. Pagilla, S. Beightol, M. Higgins (2016) WERF: Evaluation of Unintended Consequences of Co-Digestion. *Proc. of Annual Water Env. Fed. Residuals and Biosolids Conf.*, Milwaukee, Wisconsin.
2. Bartek, N., M.J. Higgins, **S.N. Murthy**, S. Beightol, **A. Al-Omari** (2016) Development of Mechanistic Model to Understand Volume Expansion Due to Gas Holdup in Anaerobic Digesters. *Proc. of Annual Water Env. Fed. Residuals and Biosolids Conf.*, Milwaukee, Wisconsin.
3. Higgins, **M.J.**, **Murthy, S.N.**, Bott, C., Beightol, S., (2016) Bioflocculation Mechanisms and Implications for Understanding the Effects of Co-Digestion and Bio-P on Dewatering of Anaerobically Digested Biosolids. (Workshop presentation).

### **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.

The laboratory also performs 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 also began analysis of digester samples for Carbonate and Total Alkalinities this month.

This month, the Main Lab continued analysis of blind samples for the USEPA's DMR-QA Study 36, which began on March 18, 2016, and is required under the Clean Water Act (CWA) Section 308. The study ends on July 1, 2016 and results will be submitted to the USEPA.

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. Pretreatment staff attended the Pennsylvania EPWPCOA pretreatment conference this month and participated in Food Service Establishment inspections with Sewer Services and IT's third party portal work group for grease trap/food service establishments.

#### Industrial Pretreatment Program

DC Water currently manages fourteen (14) Significant Industrial User (SIU) permits and sixteen (16) Non-Significant Industrial User (NSIU) wastewater discharge permits. One SIU permit was renewed this month for Naval Support Facility Carderock following receipt of payment for the permit renewal fee. Annual inspections were conducted at four SIU facilities this month including District Apartments Realty, Watergate, Capitol Power Plant, and General Services Administration Central Heating and Refrigeration Plant. No significant issues were identified. Compliance monitoring was conducted at

seven SIU facilities including the four that were inspected and three WMATA facilities (Bladensburg, Western, and Shepherd Parkway). No violations were identified. DC Water received monthly self-compliance monitoring reports for six (6) SIUs and one NSIU. All SIUs and NSIUs are in compliance with discharge standards for the current month.

DC Water currently manages 78 Temporary Discharge Authorization (TDA) permits, primarily for construction site discharges of groundwater and/or surface runoff in the combined sewer area. Three new TDA permits were issued this month. All TDA discharges are currently in compliance with pretreatment standards.

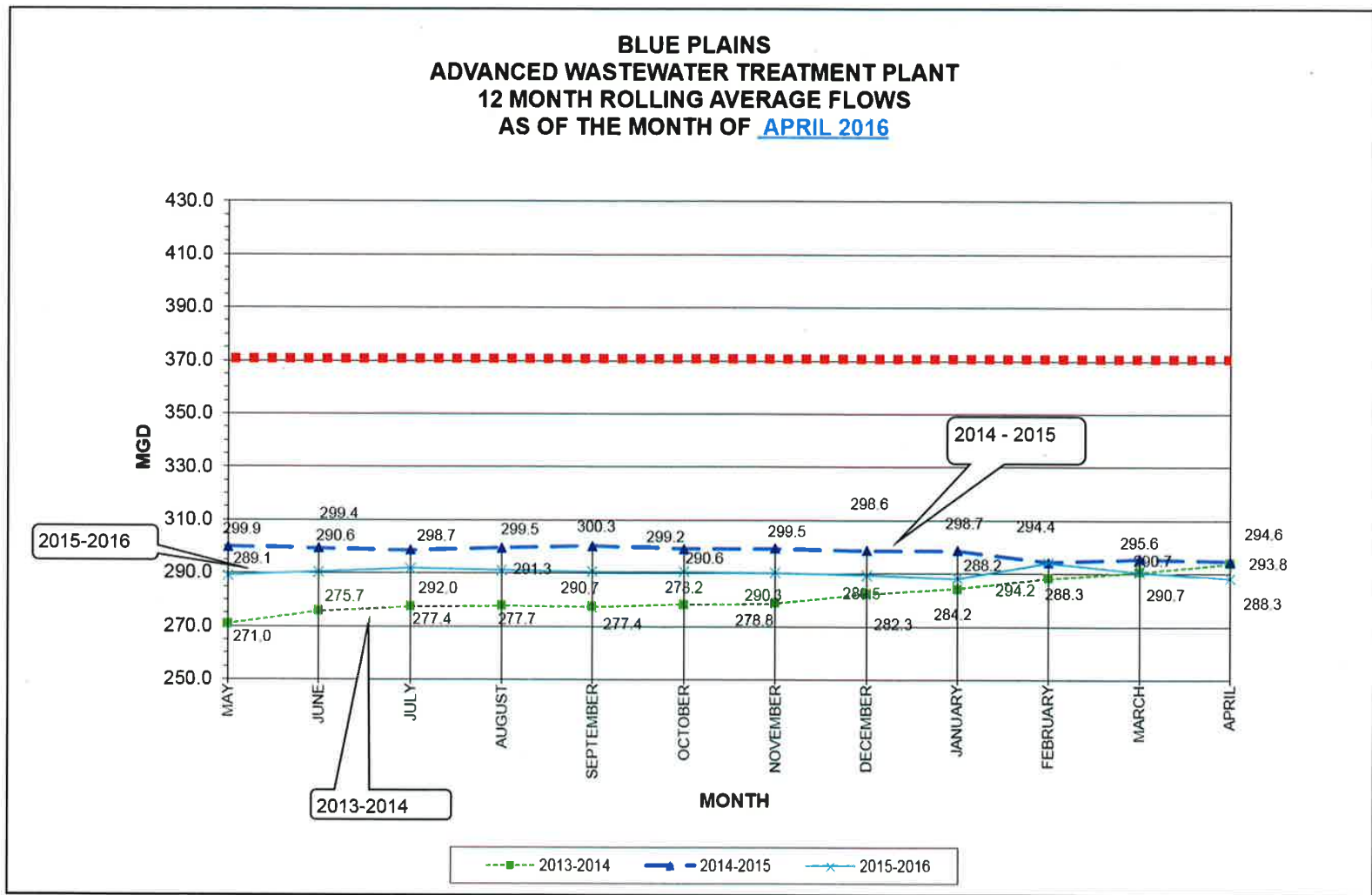
#### Hauled Waste Program

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 waste hauler permits were renewed this month. DC Water collected fees from 14 waste haulers this month, including those on a monthly payment plan option.

DC Water received 589 hauled waste loads (1,389,715 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 from First Class Plumbing, both were grease trap waste samples mixed with domestic sewage or an unknown source (driver identified unknown waste in the truck before collecting the other loads and was instructed not to discharge unknown waste in the future). The grease trap waste sample collected from First Class Plumbing on April 4, 2016, with the unknown source violated the discharge standard for TPH at 318 mg/L (limit is 100 mg/L), copper at 5.4 mg/L (limit is 2.3 mg/L), lead at 2.3 mg/L (limit is 1.0 mg/L), mercury at 0.0018 mg/L (limit is <0.001 mg/L), zinc at 14.1 mg/L (limit is 3.4 mg/L), and PCBs were detected above the required method detection limit of 1.0 ug/L. A Notice of Violation (NOV) was issued on April 15, 2016. The same truck was analyzed again on April 25, 2016, and contained grease trap waste mixed with domestic sewage. The second grease trap sample collected on April 25, 2016, violated the discharge standard for zinc at 7.5 mg/L (limit is 3.4 mg/L) and pH at 4.86 (limit is 5.0 to 10.0). A Notice of Violation (NOV) was issued on May 6, 2016. No impact to the treatment plant was observed due to these exceedances.

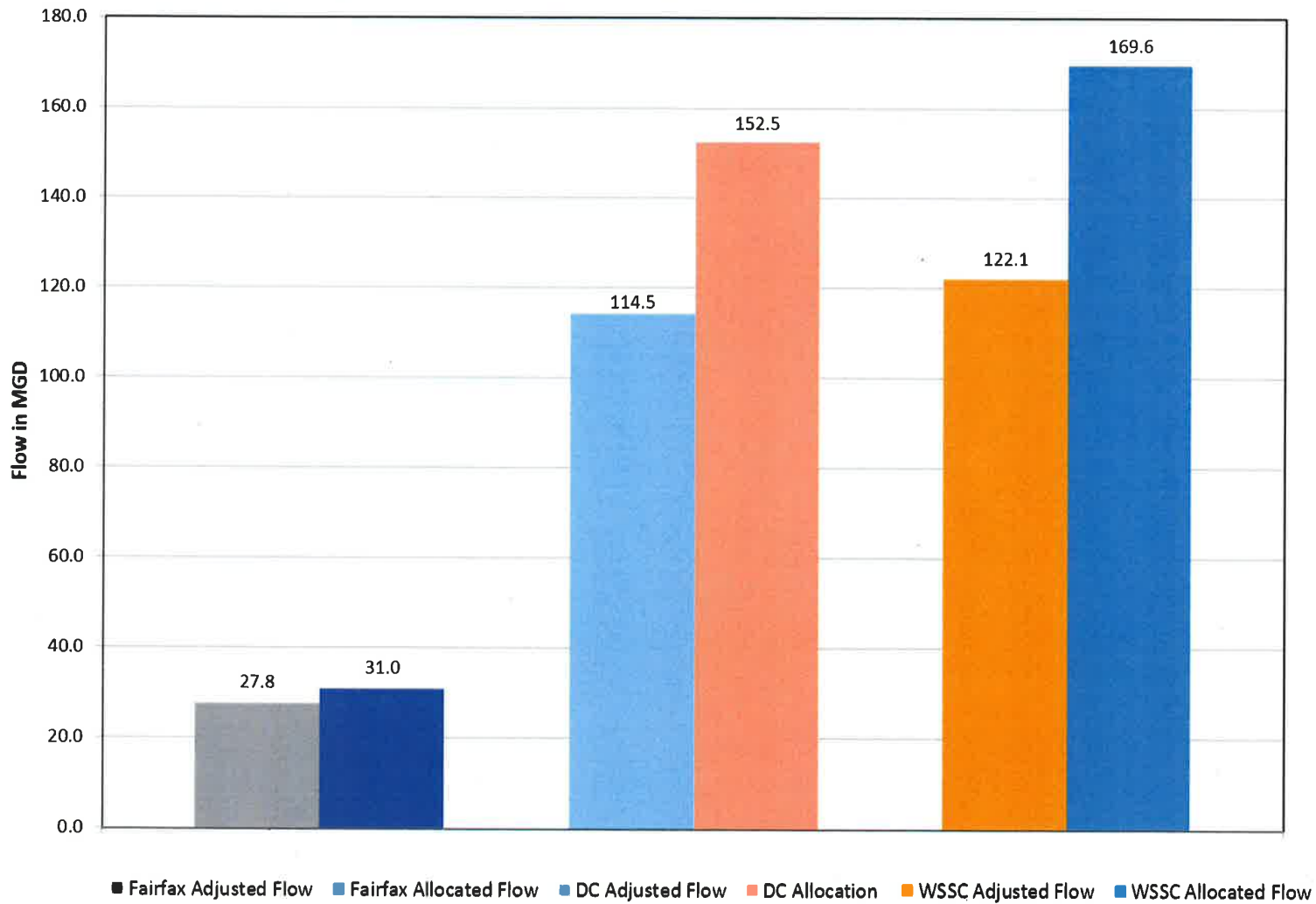
#### NPDES Permit Sampling

Pretreatment staff collected one dry weather and one wet weather 24-hour composite sample at outfall 002 and one grab sample at outfall 001 for low level PCB analysis using EPA Method 1668 this month.





### Adjusted Flows vs Allocated Flows - APRIL 2016





District of Columbia Water and Sewer Authority  
George S. Hawkins, General Manager

# Advanced Work For O Street Pump Station Project Under Headquarter Contract

**Presented to:**  
**Environmental Quality and Sewerage Services Committee**  
Chairman: David Lake, Acting Chairperson

*June 16, 2016*



## **Advanced Work For O Street Pump Station Project**

- **Preparation of infrastructure for future planned pump station upgrades to eliminate disturbance to HQO and site at future date.**
- **Install planned upgrades to electrical while HQO being completed to prevent shutdown of power at later date**



## Advanced Work For O Street Pump Station Project

- **Below grade pipe installation/relocation for O pump station infrastructure to be completed while site work is being undertaken for HQO to prevent disturbance after building completed**
- **Planned Lining of Storm Sewer while site work is being undertaken**
- **Infrastructure work in HQO in support of future O St Pump Station odor control units**
- **O St Pump Station roof structure support and relocation of roof mechanical equipment for odor control**
- **Upgrade of transformers in support of planned future improvements**

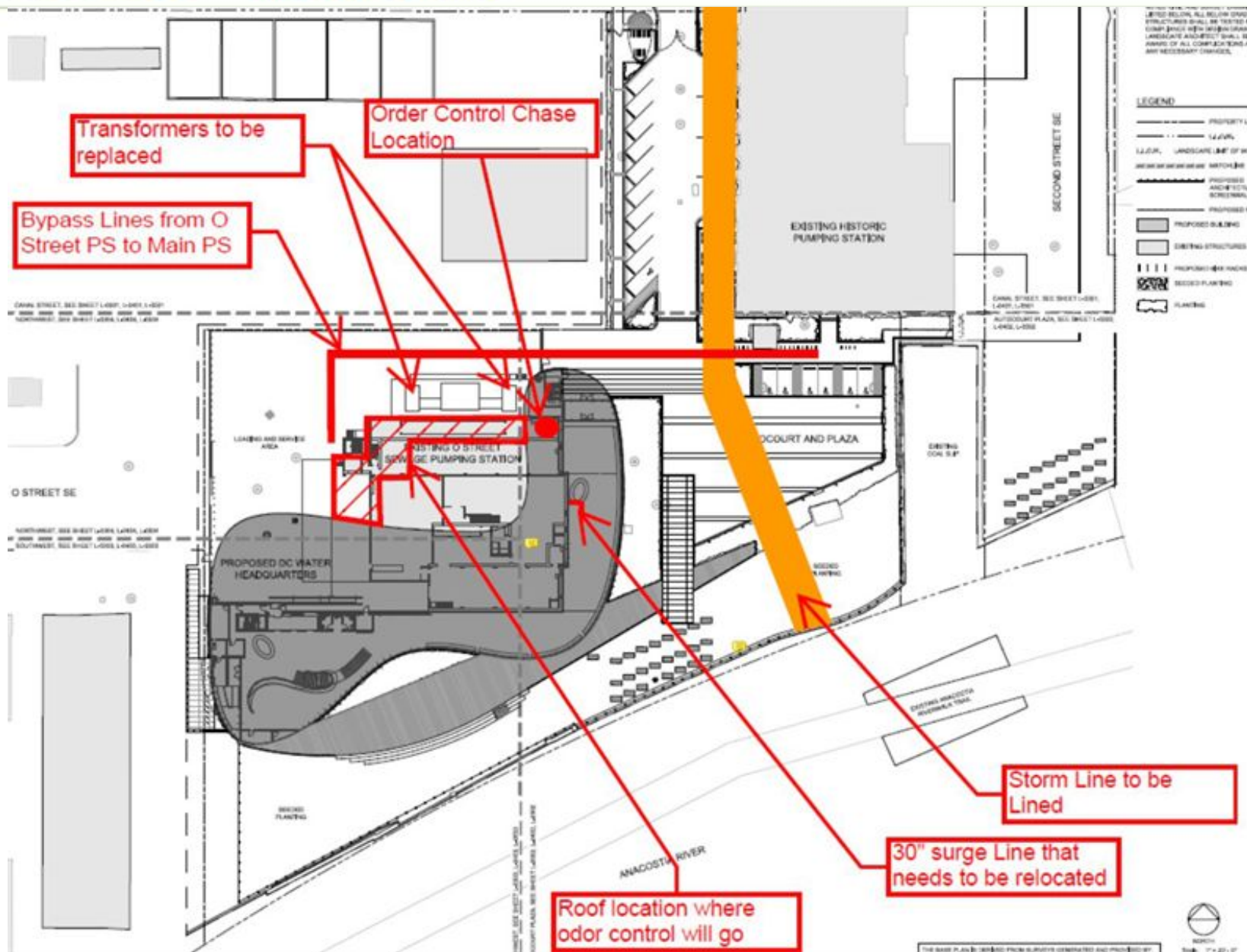


## Advanced Work For O Street Pump Station Project

<b><u>Item Description</u></b>	<b><u>Cost</u></b>
<b>Sewage Overflow Pipe Relocation</b>	<b>\$ 600,000</b>
<b>Replace and Upgrade transformers</b>	<b>\$ 950,000</b>
<b>Mechanical/Roof Structure</b>	<b>\$ 528,000</b>
<b>Chase for Odor Control</b>	<b>\$ 165,000</b>
<b>Lining of Storm Sewer</b>	<b>\$ 632,000</b>
<b>Bi-Pass line O St Pump Station to Main Pump Station</b>	<b>\$ 210,000</b>
<b>TOTAL COST OF CHANGE ORDER</b>	<b>\$3,085,000</b>



# O St Pump Station Work Layout



**DC WATER AND SEWER AUTHORITY  
BOARD OF DIRECTORS CONTRACTOR FACT SHEET**

**ACTION REQUESTED**

**CONSTRUCTION CONTRACT:  
Raw Wastewater Pump Station 2 Upgrades  
(Joint Use)**

Approval to execute a construction contract for \$18,732,000.

**CONTRACTOR/SUB/VENDOR INFORMATION**

<b>PRIME:</b>	<b>SUBS:</b>	<b>PARTICIPATION:</b>
American Contracting & Environmental Services, Inc. 10330 Old Columbia Road Suite 102 Columbia, MD 21046	Buena Vista Assoc., LLC Washington, DC	MBE 12.3 %
	SQN Systems Corp. Columbia, Md.	MBE 18.3 %
	Trijay Systems, Inc. Line Lexington, Pa.	MBE 1.0 %
	T.I.T.L. Trucking, Inc. Lothian, Md.	MBE 0.2 %
	DeLeon Access Floors, Inc. Jessup, Md.	MBE 0.1 %
	G.E. Frisco Co., Inc. Upper Marlboro, Md.	MBE 0.1 %
	Tag Distribution & Supply, LLC Pikesville, Md.	WBE 5.1 %
	Monumental Supply Co., Inc. Baltimore, Md.	WBE 0.5 %
	Robnet, Inc. Baltimore, Md.	WBE 0.4 %

**DESCRIPTION AND PURPOSE**

Contract Value, Not-To-Exceed:	\$18,732,000.00
Contract Time:	973 Days (2 years, 8 Months)
Anticipated Contract Start Date:	07-28-2016
Anticipated Contract Completion Date:	03-28-2019
Bid Opening Date:	04-27-2016
Bids Received:	4
Other Bids Received:	
Norair Engineering Corporation*	\$18,428,895.00
Ulliman Schutte Construction, LLC	\$19,800,000.00
Cianbro Corporation	\$24,700,465.00

\* Lowest bidder was deemed non-responsive as they did not submit the required documentation demonstrating their compliance with the EPA MBE/WBE affirmative action steps.



**Purpose of the Contract:**

- Upgrades to major electrical systems, mechanical equipment, and building within the Blue Plains Raw Wastewater Pump Station No. 2 Facility in order to provide continued reliable service for 20 more years.

**Contract Scope:**

- Relocation and installation of new electrical systems from mezzanine to first floor of facility.
- Replacement of raw wastewater motors and rebuilding of raw wastewater pumps.
- Rehabilitation of building and appurtenances.

**Federal Grant Status:**

- Construction Contract is eligible for Federal grant funding assistance: inclusion in grant is pending availability of grant funds.

**PROCUREMENT INFORMATION**

<b>Contract Type:</b>	Fixed Price	<b>Award Based On:</b>	Lowest responsive, responsible bidder.
<b>Commodity:</b>	Construction	<b>Contract Number:</b>	150030
<b>Contractor Market:</b>	Open Market		

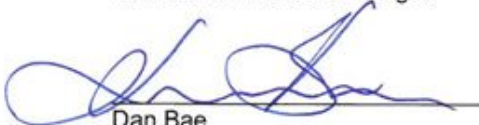
**BUDGET INFORMATION**

<b>Funding:</b>	Capital	<b>Department:</b>	Engineering and Technical Services
<b>Service Area:</b>	Wastewater	<b>Department Head:</b>	Liliana Maldonado
<b>Project:</b>	BV		

**USER SHARE INFORMATION**

User	Share %	Dollar Amount
District of Columbia	41.22%	\$7,721,330.40
Washington Suburban Sanitary Commission	45.84%	\$8,586,748.80
Fairfax County	8.38%	\$1,569,741.60
Loudoun County & Potomac Interceptor	4.56%	\$854,179.20
<b>Total Estimated Dollar Amount</b>	<b>100.00%</b>	<b>\$18,732,000.00</b>

 16/7/2016  
 Gail Alexander-Reeves Date  
 Director of Finance & Budget

 16/9/16  
 Dan Bae Date  
 Director of Procurement

 16-9-16  
 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**

**CONSTRUCTION CONTRACT:**

**Miscellaneous Facilities Upgrade – Phase 5  
(Joint Use)**

Approval to execute a construction contract for \$28,580,367.00

**CONTRACTOR/SUB/VENDOR INFORMATION**

<b>PRIME:</b>	<b>SUBS:</b>	<b>PARTICIPATION:</b>
American Contracting & Environmental Services, Inc. 10330 Old Columbia Road, Suite 102 Columbia, MD 21046	Buena Vista Assoc., LLC Washington, DC.	MBE 13.3%
	G.E. Frisco Co., Inc. Upper Marlboro, MD.	MBE 11.0%
	SQN Systems Crop. Columbia, MD.	MBE 7.4%
	Brick House Brown Masonry, Inc. Baltimore, MD.	MBE 0.3%
	Robnet, Inc. Baltimore, MD.	WBE 0.5%
	Monumental Supply Co., Inc. Baltimore, MD	WBE 0.9%
	Tag Distribution & Supply Co., LLC. Pikesville, MD.	WBE 4.6%

**DESCRIPTION AND PURPOSE**

Contract Value, Not-To-Exceed:	\$28,580,367.00
Contract Time:	1600 Days (4 Years, 5 Months)
Anticipated Contract Start Date (NTP):	08-01-2016
Anticipated Contract Completion Date:	12-19-2020
Bid Opening Date:	05-25-2016
Bids Received:	2
Other Bids Received	
Ulliman Schutte Construction, LLC	\$ 29,325,000.00

**Purpose of the Contract:**

- DC Water has an urgent need to have a contractor available to perform emergency and non-emergency repairs on existing process equipment which is beyond routine, preventive and corrective maintenance to avoid potential violations of its NPDES permit.

**Contract Scope:**

- Grit facilities concrete basin repairs and cover replacement.
- Uninterrupted Power Supply upgrade for Process Control System.
- Construction of Biosolids Blending Facility.
- Supply of equipment and materials for emergencies.
- Specialized services as per task scope.
- COF Cafeteria Renovation.
- Time and Material work on emergency and non-emergency Task Work Orders.

**Federal Grant Status:**

- Construction Contract is not eligible for Federal grant funding assistance.

**PROCUREMENT INFORMATION**

<b>Contract Type:</b>	Fixed Price	<b>Award Based On:</b>	Lowest responsive, responsible bidder
<b>Commodity:</b>	Construction	<b>Contract Number:</b>	150110
<b>Contractor Market:</b>	Open Market		


**BUDGET INFORMATION**

<b>Funding:</b>	Capital	<b>Department:</b>	Engineering and Technical Services
<b>Service Area:</b>	Wastewater	<b>Department Head:</b>	Liliana Maldonado
<b>Project:</b>	OZ, TZ, LS, I3, BP, BQ, BV, UC, J2, AZ, OM, OD, OE, OS, YD, E8, E9, HU, AZ, HL, IY, PE, CH, CV, JY, PF, BX		

**\*ESTIMATED USER SHARE INFORMATION**

User	Share %	Dollar Amount
District of Columbia	41.22%	\$ 11,780,827.28
Washington Suburban Sanitary Commission	45.84%	\$ 13,101,240.23
Fairfax County	8.38%	\$ 2,395,034.75
Loudoun County & Potomac Interceptor	4.56%	\$ 1,303,264.74
<b>Total Estimated Dollar Amount</b>	<b>100.00%</b>	<b>\$ 28,580,367.00</b>

  
 Gail Alexander-Reeves Date  
 Director of Budget

  
 Dan Bae Date  
 Director of Procurement

  
 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**

**PROGRESSIVE DESIGN-BUILD CHANGE ORDER:**

**New Headquarters Office Building  
(Joint Use)**

Approval to execute Change Order No. 01 in an amount not to exceed \$3,085,000. The modification exceeds the General Manager's approval authority.

**CONTRACTOR/SUB/VENDOR INFORMATION**

<b>PRIME:</b> Skanska USA Building, Inc. 700 King Farm Blvd. Suite 200 Rockville, MD 20850	<b>SUBS: *</b>  Skanska has committed to meet the stated goals as follows:  <table style="width: 100%; border: none;"> <tr> <td style="text-align: right;">MBE:</td> <td style="text-align: right;">\$ 987,200</td> <td style="text-align: right;">32%</td> </tr> <tr> <td style="text-align: right;">WBE:</td> <td style="text-align: right;">\$ 185,100</td> <td style="text-align: right;">6%</td> </tr> </table>	MBE:	\$ 987,200	32%	WBE:	\$ 185,100	6%	
MBE:	\$ 987,200	32%						
WBE:	\$ 185,100	6%						

\* Final sub-contracts for work to be undertaken are still being negotiated by the contractor.

**DESCRIPTION AND PURPOSE**

Original Amended Contract Value:	\$65,041,931.00
Value of this Change Order:	\$ 3,085,000.00
Cumulative CO Value, including this CO:	\$ 3,085,000.00
Current Amended Contract Value, including this CO:	\$68,126,931.00
Original Contract Time:	1095 Days (3 years)
Time extension, this CO:	0 Days
Total CO contract time extension:	0 Days
Contract Start Date (NTP):	03-13-2015
Anticipated Contract Completion Date:	03-12-2018
Cumulative CO % of Original Contract:	4.7%
Contract completion %:	8%

**Purpose of the Contract:**

Provide design and construction of new Headquarters Office Building for DC Water.

**Original Contract Scope:**

Work will be completed in Two Phases:

- Phase I: Design development, regulatory approval and preconstruction service for the new Headquarters Office Building featuring approximately 150,000 gross square feet.
- Phase II: Construction and commissioning of the new Headquarters Office Building.

**Previous Change Order Scope:** None



**Current Change Order Scope:**

Perform the capital improvements at O St Pump Station site concurrent with the new Headquarters Office Building construction to mitigate the impact on the new Headquarters Office Building once it is occupied. Scope of improvements at O St Pump Station include:

- Replace 2 existing transformers to meet planned future improvements.
- Install bypass line for 30" sewage surge line
- Install roof supports, relocate mechanical equipment on roof and prepare facilities for future installation of odor control system.
- Install chase for new odor control system, to be located in new Headquarters Office Building northeast stair structure.
- Perform lining of stormwater discharge conduit.

**PROCUREMENT INFORMATION**

<b>Contract Type:</b>	Fixed Price	<b>Award Based On:</b>	Lowest responsive, responsible bidder
<b>Commodity:</b>	Construction	<b>Contract Number:</b>	140060
<b>Contractor Market:</b>	Open Market		

**BUDGET INFORMATION**

<b>Funding:</b>	Capital	<b>Department:</b>	Engineering and Technical Services
<b>Service Area:</b>	Combined Sewer	<b>Department Head:</b>	Liliana Maldonado
<b>Project:</b>	FQ		


**\*\* ESTIMATED USER SHARE INFORMATION**

User	Share %	Dollar Amount
District of Columbia	93.10%	\$ 2,872,413.24
Washington Suburban Sanitary Commission	5.71%	\$ 176,145.70
Fairfax County	0.77%	\$ 23,615.78
Loudoun County & Potomac Interceptor	0.42%	\$ 12,825.28
<b>Total Estimated Dollar Amount</b>	<b>100.00%</b>	<b>\$ 3,085,000.00</b>

\*\* Shares are estimated pending approval by IMA Partners

  
 Gail Alexander-Reeves \_\_\_\_\_ Date  
 Director of Budget

George S. Hawkins \_\_\_\_\_ Date  
 General Manager

  
 Dan Bae \_\_\_\_\_ Date  
 Director of Procurement

  
 Leonard R. Benson \_\_\_\_\_ Date  
 Chief Engineer

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

**ACTION REQUESTED**

**GOODS AND SERVICES CONTRACT AWARD**

**Supply and Delivery of Methanol**

**(Joint Use)**

Approval to execute a contract for the supply and delivery of methanol with a base year value of \$5,363,280.00.

**CONTRACTOR/SUB/VENDOR INFORMATION**

<b>PRIME:</b> Colonial Chemicals, Inc. 916 West Lathrop Avenue Savannah, GA 31415	<b>SUBS:</b> N/A	<b>PARTICIPATION:</b> N/A
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**DESCRIPTION AND PURPOSE**

Base Period Contract Value:	\$5,363,280.00
Base Contract Period:	1 Year
No. of Option Years:	2
Anticipated Contract Start Date:	08-07-2016
Anticipated Base Period Completion Date:	08-06-2017
Proposal Closing Date:	05-10-2016
Proposals Received:	3
Proposal Price Range:	\$4,469,400.00 – \$5,070,000.00
Preference Points or Discount Received:	None

**Purpose of the Contract:**

Due to the critical need for secure and consistent methanol deliveries, we are awarding its supply to two companies with independent supply chains. This contract, 16-PR-DWT-41A, is to provide 75% of DC Water’s methanol requirement to the Blue Plains Advanced Wastewater Treatment Facility. Another contract, 16-PR-DWT-41B, provides for the remaining 25% of DC Water’s methanol requirement.

**Contract Scope:**

DC Water has a continuing need for the supply of methanol. Methanol is the carbon source used as a nutrient for bacteria in the Nitrification section of the Blue Plains Advanced Wastewater Treatment Plant. In this section, ammonia, dissolved in influent wastewater, is converted to nitrates by bacteria. Downstream in our process, nitrates are reduced to nitrogen gas, which is removed from the water. Nitrogen removal is critical – and therefore so is the secure and consistent supply of methanol – to meeting the nitrogen discharge limits required by the EPA and our operating permit.

Unit pricing is based on industry indices which change monthly. Methanol prices are forecast to increase during the base year. The requested base year funding is 20% higher than the winning offered price to reflect the forecast.

**Evaluated Companies, Preference Points, and Reason for Selection:**

Colonial Chemical Solutions, Inc.	No preference points. Lowest cost, technically acceptable supplier. Awarded 75% of DC Water’s requirements in this contract 16-PR-DWT-41A.
Mitsubishi International Corp.	No preference points. Second-lowest cost, technically acceptable supplier. Awarded 25% of DC Water’s requirements under contract 16-PR-DWT-41B.
Univar USA, Inc.	No preference points. Highest price, not responsive, not technically acceptable.

This solicitation will result in approximately \$520,000.00 base year savings, and about \$1,560,000.00 savings over the life of the contracts, compared to current contract pricing.

No LBE/LSBE participation in the contract award.





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

**ACTION REQUESTED**

**GOODS AND SERVICES CONTRACT AWARD**

**Supply and Delivery of Methanol  
(Joint Use)**

Approval to execute a contract for the supply and delivery of methanol with a base year value of \$1,925,040.00.

**CONTRACTOR/SUB/VENDOR INFORMATION**

<b>PRIME:</b> Mitsubishi International Corp. 655 Third Avenue New York, NY 10017	<b>SUBS:</b> N/A	<b>PARTICIPATION:</b> N/A
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**DESCRIPTION AND PURPOSE**

Base Period Contract Value:	\$1,925,040.00
Base Contract Period:	1 Year
No. of Option Years:	2
Anticipated Contract Start Date:	08-07-2016
Anticipated Base Period Completion Date:	08-06-2017
Proposal Closing Date:	05-10-2016
Proposals Received:	3
Proposal Price Range:	\$1,519,700.00 – \$1,690,000.00
Preference Points or Discount Received:	None

**Purpose of the Contract:**

Due to the critical need for secure and consistent methanol deliveries, we are awarding its supply to two companies with independent supply chains. This contract, 16-PR-DWT-41B, is to provide 25% of DC Water’s methanol requirement to the Blue Plains Advanced Wastewater Treatment Facility. Another contract, 16-PR-DWT-41A, provides for the remaining 75% of DC Water’s methanol requirement.

**Contract Scope:**

DC Water has a continuing need for the supply of methanol. Methanol is the carbon source used as a nutrient for bacteria in the Nitrification section of the Blue Plains Advanced Wastewater Treatment Plant. In this section, ammonia, dissolved in influent wastewater, is converted to nitrates by bacteria. Downstream in our process, nitrates are reduced to nitrogen gas, which is removed from the water. Nitrogen removal is critical – and therefore so is the secure and consistent supply of methanol – to meeting the nitrogen discharge limits required by the EPA and our operating permit.

Unit pricing is based on industry indices which change monthly. Methanol prices are forecast to increase during the base year. The requested base year funding is 20% higher than the winning offered price to reflect the forecast.

**Evaluated Companies, Preference Points, and Reason for Selection:**

Colonial Chemical Solutions, Inc.	No preference points. Lowest cost, technically acceptable supplier. Awarded 75% of DC Water’s requirements in contract 16-PR-DWT-41A.
Mitsubishi International Corp.	No preference points. Second-lowest cost, technically acceptable supplier. Awarded 25% of DC Water’s requirements under this contract 16-PR-DWT-41B.
Univar USA, Inc.	No preference points. Highest price, not responsive, not technically acceptable.

This solicitation will result in approximately \$520,000.00 base year savings, and about \$1,560,000.00 savings over the life of the contracts, compared to current contract pricing.

No LBE/LSBE participation in the contract award.

**PROCUREMENT INFORMATION**

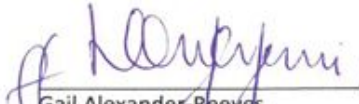
<b>Contract Type:</b>	Fixed Price Requirement Contract	<b>Award Based On:</b>	Lowest Cost Technically Acceptable Offeror
<b>Commodity:</b>	Goods and Services	<b>Contract Number:</b>	16-PR-DWT-41B
<b>Contractor Market:</b>	Open Market with Preference Points for LBE and LSBE Participation		

**BUDGET INFORMATION**

<b>Funding:</b>	Operating	<b>Department:</b>	Wastewater Treatment
<b>Service Area:</b>	Blue Plains AWTP	<b>Department Head:</b>	Salil Kharkar

**ESTIMATED USER SHARE INFORMATION**

User	Share %	Dollar Amount
District of Columbia	41.67%	\$802,164.17
Washington Suburban Sanitary Commission	43.21%	\$831,809.78
Fairfax County	10.45%	\$201,166.68
Loudoun Water	4.02%	\$77,386.61
Other (PI)	0.65%	\$12,512.76
<b>TOTAL ESTIMATED DOLLAR AMOUNT</b>	<b>100.00%</b>	<b>\$1,925,040.00</b>

 , 06/08/16  
 Gail Alexander-Reeves                      Date  
 Director of Budget

 , 6/7/16  
 Dan Bae    Date  
 Director of Procurement

 , 6/8/16  
 Akille 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 MODIFICATION:**

**Repair, Rehabilitation and Upgrade of Various Process Systems  
(Joint Use)**

Approval to execute a contract modification to extend the period of performance and add funding in the amount of \$900,000.00.

**CONTRACTOR/SUB/VENDOR INFORMATION**

<b>PRIME:</b> M & M Electric Motor Repair, Inc. 205 Bucheimer Road Frederick, Maryland 21701 LSBE	<b>SUBS:</b> N/A	<b>PARTICIPATION:</b> N/A
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**DESCRIPTION AND PURPOSE**

Original Contract Value:	\$790,500.00
Original Contract Dates:	05-25-2010—05-24-2011
No. of Option Years in Contract:	4
Option Year 1 Value:	\$674,000.00
Option Year 1 Dates:	05-25-2011—05-24-2012
Option Year 2 Value:	\$284,500.00
Option Year 2 Dates:	05-25-2012—05-24-2013
Option Year 3 Value:	\$500,000.00
Option Year 3 Dates:	05-25-2013—05-24-2014
Option Year 4 Value:	\$750,000.00
Option Year 4 Dates:	08-01-2014—07-31-2015
Modification Value:	\$1,570,000.00
Modification Dates:	08-31-2010—07-31-2016
<b>Modification Value:</b>	<b>\$900,000.00</b>
<b>Modification Dates:</b>	<b>08-01-2016—12-31-2016</b>

**Purpose and Scope of the Contract:**

To contract for services to repair, rehabilitate, and upgrade various water and wastewater process systems for DC Water’s Departments of Maintenance Services (DMS) and Distribution and Conveyance Systems (DDCS).

**Reason for Modification:**

This contract extension and additional funding are needed to provide a mechanism to complete current projects and work orders while DMS, DDCS, and Procurement develop a new solicitation and award new contracts.

**Spending Previous Years:**

Cumulative Contract Value:	05-25-2010 to 07-31-2016 : \$4,569,000.00
Cumulative Contract Spending:	05-25-2010 to 05-25-2016 : \$4,072,000.00

**Contractor’s Past Performance:**

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

PROCUREMENT INFORMATION			
<b>Contract Type:</b>	Fixed Price	<b>Award Based On:</b>	Lowest responsive and responsible bidder
<b>Commodity:</b>	Goods and Services	<b>Contract Number:</b>	WAS-10-003-AA-GA
<b>Contractor Market:</b>	Open Market with preference for LBE and LSBE		

BUDGET INFORMATION			
<b>Funding:</b>	Capital	<b>Departments:</b>	Maintenance Services
<b>Service Area:</b>	Blue Plains AWTP	<b>Department Heads:</b>	Anthony Mack
<b>Project:</b>	EQP 4830 EP6		

ESTIMATED USER SHARE INFORMATION			
Joint Use			
User	Share %	Dollar Amount	
District of Columbia	41.54%	\$228,470.00	
Washington Suburban Sanitary Commission	45.26%	\$248,930.00	
Fairfax County	8.64%	\$47,520.00	
Loudoun County	3.75%	\$20,625.00	
Other (PI)	0.81%	\$4,455.00	
<b>TOTAL ESTIMATED DOLLAR AMOUNT</b>	<b>100.00%</b>	<b>\$550,000.00</b>	

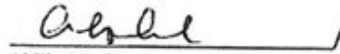
BUDGET INFORMATION			
<b>Funding:</b>	Capital	<b>Departments:</b>	Distribution & Conveyance Systems
<b>Service Area:</b>	Various	<b>Department Heads:</b>	Charles Sweeney
<b>Project:</b>	HA, HB		

ESTIMATED USER SHARE INFORMATION			
Non-Joint Use			
User - HA	Share %	Dollar Amount	
District of Columbia	100.00%	\$150,000.00	
Washington Suburban Sanitary Commission	0.00%	\$0.00	
Fairfax County	0.00%	\$0.00	
Loudoun County	0.00%	\$0.00	
Other (PI)	0.00%	\$0.00	
<b>TOTAL ESTIMATED DOLLAR AMOUNT</b>	<b>100.00%</b>	<b>\$150,000.00</b>	

ESTIMATED USER SHARE INFORMATION			
Joint Use			
User - HB	Share %	Dollar Amount	
District of Columbia	100.00%	\$200,000.00	
Washington Suburban Sanitary Commission	0.00%	\$0.00	
Fairfax County	0.00%	\$0.00	
Loudoun County	0.00%	\$0.00	
Other (PI)	0.00%	\$0.00	
<b>TOTAL ESTIMATED DOLLAR AMOUNT</b>	<b>100.00%</b>	<b>\$200,000.00</b>	

  
\_\_\_\_\_  
Gail Alexander-Reeves      Date  
Director of Budget

  
\_\_\_\_\_  
Dan Bae      Date  
Director of Procurement

  
\_\_\_\_\_  
Akile Tesfaye      Date  
Assistant General Manager  
Blue Plains

  
\_\_\_\_\_  
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**

**Knoll Furniture and Furnishings**

**(Non-Joint Use)**

Approval to execute a contract modification in the amount of \$232,768.25.

**CONTRACTOR/SUB/VENDOR INFORMATION**

<b>PRIME:</b> MOI, Inc. 2923 Lord Baltimore Drive Baltimore, MD 21244	<b>SUBS:</b> N/A	<b>PARTICIPATION:</b> N/A
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**DESCRIPTION AND PURPOSE**

Original Contract Value:	\$0.00
Original Contract Dates:	05-02-2013 – 05-01-2014
Original Contract Task Order Value:	\$450,000.00
No. of Option Years in Contract:	4
Option Year 1 Value:	\$0.00
Option Year 1 Dates:	05-02-2014 – 05-01-2015
Option Year 1 Task Order Values:	\$106,891.43
Option Year 2 Value:	\$0.00
Option Year 2 Dates:	05-02-2015 – 05-01-2016
Option Year 2 Task Order Values:	\$389,315.74
Option Year 3 Value:	\$0.00
Option Year 3 Dates:	05-02-2016 – 05-01-2017
<b>This Task Order Value:</b>	<b>\$232,769.25</b>
<b>Option Year 3 Dates:</b>	<b>05-02-2016 – 05-01-2017</b>

**Purpose of the Contract:**

To contract for Knoll Furniture and Furnishings for various DC Water Departments on an indefinite delivery, indefinite quantity basis to satisfy future furniture requirements.

**Contract Scope:**

Request for Proposal (RFP) WAS-13-042-AA-RA was issued May 29, 2012. DC Water received one (1) response to the RFP from MOI, Inc. on June 18, 2012.

This contract was awarded as an indefinite delivery, indefinite quantity basis at zero dollars. As furniture and furnishings needs are identified as a result of relocation, office upgrade, etc., individual task orders are issued. The rates are consistent with the rate provide the General Services Administration (GSA). This task provides for new furniture for offices and cubicles for the first and second floors in the Meter Shop at 301 Bryant Street. This task also includes installation as well as the dismantling and disposal of the existing furniture and cubicles.

Knoll, Inc. has established a single dealer partnership program with its supplier firms based upon regional territories. The Knoll program prohibits multiple firms from offering Knoll products to the same buyer. Under the Knoll dealer partnership, the firm MOI, Inc. is the designated dealer for DC Water. The partnership prohibits any other Knoll dealers from bidding on DC Water projects.

**Spending Previous Year:**

Cumulative Task Order Value: 05-01-2013 to 05-31-2016: \$946,207.17  
 Cumulative Contract Spending: 05-01-2013 to 05-31-2016: \$536,091.82

**Contractor's Past Performance:**

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

No LBE/LSBE participation.

**PROCUREMENT INFORMATION**

<b>Contract Type:</b>	Indefinite Delivery Indefinite Quantity	<b>Award Based On:</b>	Single Response
<b>Commodity:</b>	Goods and Services	<b>Contract Number:</b>	WAS-13-042-AA-RA
<b>Contractor Market:</b>	Sole Source		

**BUDGET INFORMATION**

<b>Funding:</b>	Capital Equipment	<b>Department:</b>	Facilities
<b>Service Area:</b>	DC Water wide	<b>Department Head:</b>	Johnnie Walker

**ESTIMATED USER SHARE INFORMATION**

User	Share %	Dollar Amount
District of Columbia	100.00%	\$232,769.25
Washington Suburban Sanitary Commission	0.00%	\$0.00
Fairfax County	0.00%	\$0.00
Loudoun County	0.00%	\$0.00
Other (PI)	0.00%	\$0.00
<b>TOTAL ESTIMATED DOLLAR AMOUNT</b>	<b>100.00%</b>	<b>\$232,769.25</b>

 6/9/16  
 Gail Alexander-Reeves Date  
 Director of Budget

 6/9/16  
 Dan Bae Date  
 Director of Procurement

 6/9/16  
 Rosalind Inge Date  
 Assistant General Manager,  
 Support Services

\_\_\_\_\_/\_\_\_\_\_  
 George S. Hawkins Date  
 General Manager