

Presented and Adopted: October 5, 2017
SUBJECT: Approval to Execute Contract No. 17-PR-HGM-36, CIGNA Group Ins.

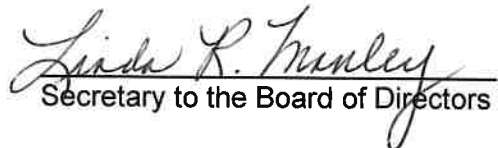
#17-53
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
D.C. WATER AND SEWER AUTHORITY

The Board of Directors ("Board") of the District of Columbia Water and Sewer Authority ("the Authority") at its meeting on October 5, 2017 upon consideration of a joint use matter, decided by a vote of nine (9) in favor and none (0) opposed to execute Contract No. 17-PR-HGM-36, CIGNA Group Ins.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Contract No. 17-PR-HCM-36, CIGNA Group Ins. The purpose of the contract is to provide group life insurance services to include options for term life, dependent life and accidental death and dismemberment insurance. The contract amount is \$1,223,965.

This Resolution is effective immediately.


Secretary to the Board of Directors

Presented and Adopted: October 5, 2017

SUBJECT: Approval to Execute Option Year Two of Contract No. 15-PR-DWT-02, Charmay, Inc. dba ServiceMaster of Alexandria

**#17-54
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
D.C. WATER AND SEWER AUTHORITY**

The Board of Directors ("Board") of the District of Columbia Water and Sewer Authority ("the Authority") at its meeting on October 5, 2017 upon consideration of a joint use matter, decided by a vote of nine (9) in favor and none (0) opposed to execute Option Year Two of Contract No. 15-PR-DWT-02, Charmay, Inc. dba ServiceMaster of Alexandria.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Option Year Two of Contract No. 15-PR-DWT-02, Charmay, Inc. dba ServiceMaster of Alexandria. The purpose of the option is to provide a team of professional industrial cleaning crew to do thorough routine cleaning of the Authority's wastewater treatment field areas, which house the processing equipment and systems. The option amount is \$600,000.

This Resolution is effective immediately.


Secretary to the Board of Directors

Presented and Adopted: October 5, 2017

SUBJECT: Approval to Execute Option Year Two of Contract No. 15-PR-DWT-21, Kuehne Chemical Co., Inc.

**#17-55
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
D.C. WATER AND SEWER AUTHORITY**

The Board of Directors ("Board") of the District of Columbia Water and Sewer Authority ("the Authority") at its meeting on October 5, 2017 upon consideration of a joint use matter, decided by a vote of nine (9) in favor and none (0) opposed to execute Option Year Two of Contract No. 15-PR-DWT-21. Kuehne Chemical Co., Inc.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Option Year Two of Contract No. 15-PR-DWT-21, Kuehne Chemical Co., Inc. The purpose of the option is to continue providing sodium hypochlorite to the Blue Plains Advanced Wastewater Treatment Plant. The option amount is \$3,300,000.

This Resolution is effective immediately.


Secretary to the Board of Directors

Presented and Adopted: October 5, 2017
SUBJECT: Approval to Execute Contract No. 17-PR-DIT-24, IT
Software Application Development Services

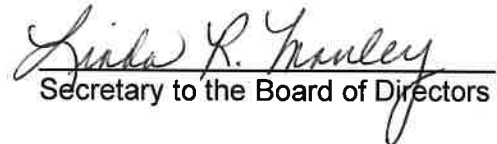
#17-56
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
D.C. WATER AND SEWER AUTHORITY

The Board of Directors ("Board") of the District of Columbia Water and Sewer Authority ("the Authority") at its meeting on October 5, 2017 upon consideration of a joint use matter, decided by a vote of nine (9) in favor and none (0) opposed to execute Contract No. 17-PR-DIT-24, IT Software Application Development Services.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Contract No. 17-PR-DIT-24, IT Software Application Development Services. The purpose of the contract is to have on-going need for software application development services. The contract amount is \$3,000,000.

This Resolution is effective immediately.


Secretary to the Board of Directors

Presented and Adopted: October 5, 2017
SUBJECT: Approval to Execute Additional Funding to Option Year
Four of Contract No. WAS-13-042-AA-RA, MOI, Inc.

#17-57
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
D.C. WATER AND SEWER AUTHORITY

The Board of Directors ("Board") of the District of Columbia Water and Sewer Authority ("the Authority") at its meeting on October 5, 2017 upon consideration of a joint use matter, decided by a vote of nine (9) in favor and none (0) opposed to execute additional to funding to Option Year Four of Contract No. WAS-13-042-AA-RA, MOI, Inc.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute additional funding to Option Year Four of Contract No. WAS-13-042-AA-RA, MOI, Inc. The purpose of the contract is to continue providing furnishing needs identified by each department throughout the Authority. The additional funding amount is \$774,186.96.

This Resolution is effective immediately.


Secretary to the Board of Directors

Presented and Adopted: October 5, 2017

SUBJECT: Approval to Execute Option Year One and Approve Funding for all Option Years One – Four of Contract No. 16-PR-WWT-81, Maryland Environmental Services

**#17-58
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
D.C. WATER AND SEWER AUTHORITY**

The Board of Directors ("Board") of the District of Columbia Water and Sewer Authority ("the Authority") at its meeting on October 5, 2017 upon consideration of a joint use matter, decided by a vote of nine (9) in favor and none (0) opposed to execute Option Year One and Approve Funding for all Option Years One-Four of Contract No. 16-PR-WWT-81, Maryland Environmental Services.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Option Year One and Approve Funding of all Option Years One – Four of Contract No. 16-PR-WWT-81, Maryland Environmental Services. The purpose of the option is to continue providing monitoring and inspection services for the land application and storage of biosolids, to monitor grit and sludge loading and transportation from the Blue Plains Advanced Wastewater Treatment Plant to approved disposal sites. The option amount is \$638,872.

This Resolution is effective immediately.


Secretary to the Board of Directors

Presented and Adopted: October 5, 2017
SUBJECT: Approval to Execute Contract No. 16-PR-PRO-45, Cintas Corporation LOC. 041

#17-59
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
D.C. WATER AND SEWER AUTHORITY

The Board of Directors ("Board") of the District of Columbia Water and Sewer Authority ("the Authority") at its meeting on October 5, 2017 upon consideration of a joint use matter, decided by a vote of nine (9) in favor and none (0) opposed to execute Contract No. 16-PR-PRO-45, Cintas Corporation LOC. 041.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager execute Contract No. 16-PR-PRO-45, Cintas Corporation LOC. 041. The purpose of the contract is to provide uniforms to DC Water employees. The contract amount is \$3,000,000.

This Resolution is effective immediately.


Secretary to the Board of Directors

Presented and Adopted: October 5, 2017
SUBJECT: Approval to Execute a Modification to Contract No.
GS11T08BJD6001, Verizon

#17-60
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
D.C. WATER AND SEWER AUTHORITY

The Board of Directors ("Board") of the District of Columbia Water and Sewer Authority ("the Authority") at its meeting on October 5, 2017 upon consideration of a joint use matter, decided by a vote of nine (9) in favor and none (0) opposed to execute a modification to Contract No. GS11T08BJD6001, Verizon.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute a modification to Contract No. GS11T08BJD6001, Verizon. The purpose of the modification is to continue providing telecommunication services for the Supervisory Control and Data Acquisition (SCADA), Multiprotocol Label Switching (MPLS) Network, Data Network Circuits/Transport Layer Security (TLS), Analog Lines and Local Telephone Service throughout the Authority. The contract modification amount is \$1,271,591.

This Resolution is effective immediately.


Secretary to the Board of Directors

Presented and Adopted: October 5, 2017

SUBJECT: Approval to Execute Change Order No. 1 of Contract No. 140230, Ulliman Schutte Construction, LLC


**#17-61
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
D.C. WATER AND SEWER AUTHORITY**

The Board of Directors ("Board") of the District of Columbia Water and Sewer Authority ("the Authority") at its meeting on October 5, 2017 upon consideration of a joint use matter, decided by a vote of nine (9) in favor and none (0) opposed to execute Change Order No. 1 of Contract No. 140230, Ulliman Schutte Construction, LLC.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Change Order No. 1 of Contract No. 140230, Ulliman Schutte Construction, LLC. The purpose of the change order is to remove all damaged tubing for cooling heat exchangers (CHEX) and tuning heat exchangers (THEX) that provide cooling for the Biosolids Main Process Train digesters. The change order amount is \$8,800,000.

This Resolution is effective immediately.


Secretary to the Board of Directors

Presented and Adopted: October 5, 2017

**SUBJECT: Approval to Execute Supplemental Agreement No. 1 of
Contract No. DCFA#450-WSA, Arcadis District of
Columbia, PC**

**#17-62
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
D.C. WATER AND SEWER AUTHORITY**

The Board of Directors ("Board") of the District of Columbia Water and Sewer Authority ("the Authority") at its meeting on October 5, 2017 upon consideration of a joint use matter, decided by a vote of nine (9) in favor and none (0) opposed to execute Supplemental Agreement No. 1 of Contract No. DCFA #450-WSA, Arcadis District of Columbia, PC.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Supplemental Agreement No. 1 of Contract No. DCFA #450-WSA, Arcadis District of Columbia. The purpose of this supplemental agreement is to provide construction management and related engineering services for the construction of a Tunnel Dewatering Pump Station and Enhanced Clarification Facility. The supplemental agreement amount is \$5,524,383.

This Resolution is effective immediately.


Secretary to the Board of Directors

Presented and Adopted: October 5, 2017

**SUBJECT: Approval to Execute a Twelve Month Extension of
Contract No. WAS-12-033-AA-RE, Centerra Integrated
Services, LLC, Fleet Management Services**

**#17-63
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
D.C. WATER AND SEWER AUTHORITY**

The Board of Directors ("Board") of the District of Columbia Water and Sewer Authority ("the Authority") at its meeting on October 5, 2017 upon consideration of a joint use matter, decided by a vote of nine (9) in favor and none (0) opposed to execute a twelve month extension of Contract No. WAS-12-033-AA-RE, Centerra Integrated Services, LLC, Fleet Management Services.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute a twelve month extension to Contract No. WAS-12-033-AA-RE, Centerra Integrated Services, LLC, Fleet Management Services. The purpose of the extension is to allow sufficient time to conduct a feasibility study to bring this service in-house. The contract extension amount is \$1,626,000.

This Resolution is effective immediately.


Secretary to the Board of Directors

Presented and Adopted: October 5, 2017

SUBJECT: Approval to Execute an Extension to Contract No. WAS-12-035-AA-RE, Centerra Integrated Services, LLC, Parts Supply for Fleet Management Services

**#17-64
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
D.C. WATER AND SEWER AUTHORITY**

The Board of Directors ("Board") of the District of Columbia Water and Sewer Authority ("the Authority") at its meeting on October 5, 2017 upon consideration of a joint use matter, decided by a vote of nine (9) in favor and none (0) opposed to execute an extension to Contract No. WAS-12-035-AA-RE, Centerra Integrated Services, LLC, Parts Supply for Fleet Management Services.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute an extension to Contract No. WAS-12-035-AA-RE, Centerra Integrated Services, LLC, Parts Supply for Fleet Management Services. The purpose of the extension is to allow sufficient time to issue a new solicitation which will include local suppliers for parts supply for the Fleet Management Services. The contract extension amount is \$450,000.

This Resolution is effective immediately.


Secretary to the Board of Directors

Presented and Adopted: October 5, 2017
SUBJECT: Approval to Execute a Modification to Contract
No. 14-PR-DIT-04, Mega-Tech

#17-65
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
D.C. WATER AND SEWER AUTHORITY

The Board of Directors ("Board") of the District of Columbia Water and Sewer Authority ("the Authority") at its meeting on October 5, 2017 upon consideration of a joint use matter, decided by a vote of nine (9) in favor and none (0) opposed to execute a modification to Contract No. 14-PR-DIT-04, Mega-Tech.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute a modification to Contract No. 14-PR-DIT-04, Mega-Tech. The purpose of the modification is to add funding needed to complete the Customer Information project. The contract will expire June 30, 2018. The contract modification amount is \$280,000.

This Resolution is effective immediately.


Secretary to the Board of Directors

Presented and Adopted: October 5, 2017
SUBJECT: Approval to Execute a Modification to Contract
No. WAS-10-023-AA-RE, Enterprise Security Solutions
(ESS)

#17-66
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
D.C. WATER AND SEWER AUTHORITY

The Board of Directors ("Board") of the District of Columbia Water and Sewer Authority ("the Authority") at its meeting on October 5, 2017 upon consideration of a joint use matter, decided by a vote of nine (9) in favor and none (0) opposed to execute a modification to Contract No. WAS-10-023-AA-RE, Enterprise Security Solutions (ESS).

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute a modification to Contract No. WAS-10-023-AA-RE, Enterprise Security Solutions (ESS). The purpose of the modification is to add funding for previously undefined security projects at DC Water facilities. The contract modification amount is \$1,100,000.

This Resolution is effective immediately.


Secretary to the Board of Directors

Presented and Adopted: October 5, 2017
SUBJECT: Approval to Publish Proposed Amendments to
Pretreatment Regulations for Dental Amalgam Discharge Management

#17-67
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY

The District members of the Board of Directors ("Board") of the District of Columbia Water and Sewer Authority ("the Authority") at the Board meeting held on October 5, 2017, upon consideration of a joint use matter, decided by a vote of nine (9) in favor and none (0) opposed, to approve the following action to amend the Pretreatment Regulations for Dental Amalgam Discharge Management.

WHEREAS, on June 14, 2017, the United States Environmental Protection Agency ("EPA") promulgated "Effluent Limitations Guidelines and Standards for the Dental Category," 82 FR 27154, effective July 14, 2017 to establish the federal Dental Office Point Source Category Regulations 40 CFR Part 441 to reduce the discharges of mercury from dental offices into municipal sewage treatment plants, such as the Blue Plains Advanced Wastewater Treatment Plant; and

WHEREAS, pursuant to NPDES Permit for Blue Plains, DC 0021199, effective September 30, 2010, the Authority is required to operate and implement an industrial pretreatment program in accordance with the federal Clean Water Act and the federal General Pretreatment Regulations at 40 CFR Part 403; and

WHEREAS, the Authority prepared proposed amendments to the Authority's Pretreatment Regulations at 21 District of Columbia Municipal Regulations (DCMR), Chapter 15, Discharges to Wastewater System to be consistent with EPA's General Pretreatment Regulations and included additional provisions to address the Authority's dental amalgam discharge management requirements; and

WHEREAS, the proposed amendments (Attachment A) would:

1. Require all Dental Dischargers to submit a questionnaire regarding the status of their current amalgam management activities by July 16, 2018;
2. Require Exempt Dental Dischargers to submit a One-Time Compliance Report that they do not place or remove dental amalgam, by October 12, 2020;

3. Require Existing Dental Dischargers to submit a One-Time Compliance Report that do not place or remove dental amalgam, by October 12, 2020;
4. Require New Dental Dischargers to submit a One-Time Compliance Report within 90 days of their first discharge of wastewater into the District's wastewater system; and
5. Require all non-exempt Dental Dischargers to submit an amended One-Time Compliance Report when a dental facility replaces their amalgam separator; and
6. New and Existing Dental Dischargers are required to comply with other associated requirements, such as record keeping, maintaining the manufacturers operating manual and staff training records, and other requirements.

WHEREAS, on July 17, 2017, the Authority submitted the proposed amendments to EPA Region III for comments; and

WHEREAS, on September 21, 2017, the Authority presented the proposed amendments to the Environmental Quality & Operations Committee, which recommended the amendments to the Board for approval; and

NOW THEREFORE BE IT RESOLVED THAT:

1. The Board directs the General Manager to amend the Authority's pretreatment regulations at 21 DCMR Chapter 15 as provided in Attachment A.
2. The General Manager is authorized to take all steps necessary in his judgment and as otherwise required, to publish a Notice of Proposed Rulemaking in the *D.C. Register* for the proposed amendments and receive public comments in the manner provided by District of Columbia Administrative Procedure Act.
3. This resolution is effective immediately.


Secretary to the Board of Directors

Attachment A

Chapter 15, DISCHARGE TO WASTEWATER SYSTEM, of Title 21; WATER AND SANITATION, of the DCMR is amended as follows:

Subsection 1501.10 is amended to read as follows:

1501.10 An Industrial User facility that practices dentistry shall comply with the regulations in 40 CFR Part 441, the Dental Office Point Source Category, and the requirements set forth in section 1520 of this chapter, as applicable.

Chapter 15 is amended by adding a new section 1520, DENTAL AMALGAM PRETREATMENT STANDARDS, to read as follows:

1520 Dental Amalgam Pretreatment Standards

1520.1 Except as provided in subsections 1520.2 and .3, the requirements of this section shall not apply to the following exempt Dental Dischargers that:

- (a) Exclusively practice one or more of the following dental specialties: Oral pathology, oral and maxillofacial radiology, oral and maxillofacial surgery, orthodontics, periodontics, or prosthodontics;
- (b) Discharge wastewater from a mobile unit operated by a dental practitioner; or
- (c) Do not discharge any amalgam process wastewater to the District's wastewater system, such as Dental Dischargers that collect all dental amalgam process wastewater for transfer to a Centralized Waste Treatment facility as defined in 40 CFR Part 437.

1520.2 All active facilities that practiced dentistry in the District of Columbia on or before July 14, 2017, shall submit a Dental Discharge Questionnaire to DC Water by July 16, 2018.

- (a) The Dental Discharge Questionnaire, as provided by DC Water, shall include: the facility name, physical address, mailing address, contact information, name of all dental practitioners and owners, type of dental facility, current dental amalgam placement and removal information, discharge information, and signature.
- (b) The Dental Discharge Questionnaire and all other records and documents shall be submitted to:

District of Columbia Water and Sewer Authority
Wastewater Treatment/Pretreatment Program Manager

5000 Overlook Avenue, S.W.
Washington, D.C. 20032

1520.3 Dental Dischargers that do not place dental amalgam, and do not remove amalgam except in limited emergency or unplanned, unanticipated circumstances, and submit the required One-Time Compliance Report to DC Water as required in 21 DCMR § 1520.6(c)(1) are exempt from any further requirements of this section.

1520.4 Any Existing Dental Discharger subject to the requirements of this section shall achieve the following pretreatment standards by July 14, 2020, except as provided in 21 DCMR §§ 1520.4(a)(1) (iii) and (v), and (2)(vi):

(a) Removal of dental amalgam solids from all amalgam process wastewater by one of the following methods:

(1) Installation, operation, and maintenance of one or more amalgam separators that meet the following requirements:

(i) Compliant with either the American National Standards Institute (ANSI) American National Standard/American Dental Association (ADA) Specification 108 for Amalgam Separators (2009) with Technical Addendum (2011) or the International Organization for Standardization (ISO) 11143 Standard (2008) or subsequent versions so long as that version requires amalgam separators to achieve at least a 95% removal efficiency. Compliance must be assessed by an accredited testing laboratory under ANSI's accreditation program for product certification or a testing laboratory that is a signatory to the International Laboratory Accreditation Cooperation's Mutual Recognition Arrangement. The testing laboratory's scope of accreditation must include ANSI/ADA 108-2009 or ISO 11143.

(ii) The amalgam separator(s) must be sized to accommodate the maximum discharge rate of amalgam process wastewater.

(iii) A Dental Discharger that operates an amalgam separator part that was installed at a dental facility prior to June 14, 2017, satisfies the requirements of paragraphs 1520.4(a)(1)(i) and (ii) of this section until the existing separator is replaced as described in paragraph 1520.4(a)(1)(v) of this section or until June 14, 2027, whichever is sooner.

(iv) The amalgam separator(s) must be inspected in accordance with the manufacturer's operating manual to ensure proper operation and maintenance of the separator(s) and to confirm

that all amalgam process wastewater is flowing through the amalgam retaining portion of the amalgam separator(s).

- (v) In the event that an amalgam separator is not functioning properly, the amalgam separator must be repaired consistent with manufacturer instructions or replaced with a unit that meets the requirements of paragraphs 1520.4(a)(1)(i) and (ii) of this section as soon as possible, but no later than 10 business days after the malfunction is discovered by the Dental Discharger, or an agent or representative of the Dental Discharger.
 - (vi) The amalgam retaining units must be replaced in accordance with the manufacturer's schedule as specified in the manufacturer's operating manual or when the amalgam retaining unit has reached the maximum level, as specified by the manufacturer in the operating manual, at which the amalgam separator can perform to the specified efficiency, whichever comes first.
- (2) Installation, operation, and maintenance of one or more amalgam removal device(s) other than an amalgam separator. The amalgam removal device must meet the following requirements:
- (i) Removal efficiency of at least 95 percent of the mass of solids from all amalgam process wastewater. The removal efficiency must be calculated in grams recorded to three decimal places, on a dry weight basis. The removal efficiency must be demonstrated at the maximum water flow rate through the device as established by the device manufacturer's instructions for use;
 - (ii) The removal efficiency must be determined using the average performance of three (3) samples. The removal efficiency must be demonstrated using a test sample of dental amalgam that meets the following particle size distribution specifications: 60 percent by mass of particles that pass through a 3150 μm sieve but which do not pass through a 500 μm sieve, 10 percent by mass of particles that pass through a 500 μm sieve but which do not pass through a 100 μm sieve, and 30 percent by mass of particles that pass through a 100 μm sieve. Each of these three specified particle size distributions must contain a representative distribution of particle sizes;

- (iii) The device(s) must be sized to accommodate the maximum discharge rate of amalgam process wastewater;
- (iv) The device(s) must be accompanied by the manufacturer's manual providing instructions for use including the frequency for inspection and collecting container replacement such that the unit is replaced once it has reached the maximum filling level at which the device can perform to the specified efficiency;
- (v) The device(s) must be inspected in accordance with the manufacturer's operation manual to ensure proper operation and maintenance, including confirmation that amalgam process wastewater is flowing through the amalgam separating portion of the device(s);
- (vi) In the event that a device is not functioning properly, it must be repaired consistent with manufacturer instructions or replaced with a unit that meets the requirements of paragraphs 1520.4(a)(2)(i) through (iii) of this section as soon as possible, but no later than 10 business days after the malfunction is discovered by the Dental Discharger, or an agent or representative of the Dental Discharger;
- (vii) The amalgam retaining unit(s) of the device(s) must be replaced as specified in the manufacturer's operating manual, or when the collecting container has reached the maximum filling level, as specified by the manufacturer in the operating manual, at which the amalgam separator can perform to the specified efficiency, whichever comes first; and.
- (viii) The demonstration of the device(s) under paragraphs 1520.4(a)(2)(i) through (iii) of this section must be documented in the One-Time Compliance Report.

(b) Implementation of the following best management practices (BMPs):

- (1) Waste amalgam including, but not limited to, dental amalgam from chairside traps, screens, vacuum pump filters, dental tools, cuspidors, or collection devices, must not be discharged to the District's wastewater system;
- (2) Dental unit water lines, chair-side traps, and vacuum lines that discharge amalgam process wastewater to the District's wastewater system must not be cleaned with oxidizing or acidic cleaners,

including but not limited to bleach, chlorine, iodine and peroxide that have a pH lower than 6 or greater than 8;

- (3) Dental chairside traps, vacuum screens, and amalgam separator equipment must not be rinsed in a sink, toilet or into any other sanitary discharge connection;
- (4) Dental Discharge facility staff must be trained in the handling and disposal of mercury amalgam materials and waste. Training shall be completed within one year for new hires and all staff shall be retrained once every three (3) years; and
- (5) The storage, handling and disposal/recycling of all amalgam waste must be in accordance with District of Columbia, state and federal requirements.

1520.5 Effective July 14, 2017, any New Dental Discharger subject to the requirements of this section must comply with the requirements of 21 DCMR §§ 1520.4(a) and (b) and the reporting and recordkeeping requirements of 21 DCMR §§ 1520.6 and .7.

1520.6 Dental Dischargers subject to the requirements of this section must comply with the following reporting requirements:

- (a) One-Time Compliance Report deadlines:
 - (1) For an Existing Dental Discharger, a One-Time Compliance Report must be submitted to DC Water no later than October 12, 2020, or 90 calendar days after a transfer of ownership.
 - (2) For a New Dental Discharger, a One-Time Compliance Report must be submitted to DC Water no later than 90 calendar days following the first introduction/discharge of wastewater into the District's wastewater system.
- (b) Signature and Certification. The One-Time Compliance Report must be signed and certified by a responsible corporate officer, a general partner or proprietor if the Dental Discharger is a partnership or sole proprietorship, or a duly authorized representative as defined in 21 DCMR § 1599.
- (c) The contents of the One-Time Compliance Report shall be as follows:
 - (1) The One-Time Compliance Report, as provided by DC Water, for Dental Dischargers subject to the requirements of this section that do not place or remove dental amalgam as described at 21 DCMR § 1520.3 must include the: facility name, physical address, mailing address, contact information, name of the operator(s) (dental

practitioners) and owner(s); and a certification statement that the Dental Discharger does not place dental amalgam and does not remove amalgam except in limited circumstances.

- (2) The One-Time Compliance Report, as provided by DC Water, for Dental Dischargers subject to the requirements of this section must include:
 - (A) The facility name, physical address, mailing address, and contact information;
 - (B) Name(s) of the operator(s) (Dental practitioners) and owner(s);
 - (C) A description of the operation at the dental facility including: The total number of chairs, the total number of chairs at which dental amalgam may be present in the resulting wastewater, and a description of any existing amalgam separator(s) or equivalent device(s) currently operated to include, at a minimum, the make, model, year of installation;
 - (D) Certification that the amalgam separator(s) or equivalent device is designed and will be operated and maintained to meet the requirements specified in 21 DCMR § 1520.4(a);
 - (E) Certification that the Dental Discharger is implementing BMPs specified in 21 DCMR § 1520.4(b) and will continue to do so;
 - (F) The name of the third-party service provider that maintains the amalgam separator(s) or equivalent device(s) operated at the dental office, if applicable. Otherwise, a brief description of the practices employed by the facility to ensure proper operation and maintenance in accordance with 21 DCMR § 1520.4(a).
- (d) Replacement of amalgam separator or equivalent device. Existing and New Dental Dischargers shall submit an amended One-Time Compliance Report to DC Water no later than 90 days after replacement, if the amalgam separator or equivalent device is replaced after the submittal of the One-Time Compliance Report.
- (e) Transfer of ownership notification. If a Dental Discharger transfers ownership of the facility, the new owner must submit a new One-Time Compliance Report to DC Water no later than 90 days after the transfer.

1520.7 Dental Dischargers subject to the requirements of this section must comply with the following document retention requirements:

- (a) As long as a Dental Discharger subject to this section is in operation, or until ownership is transferred, the Dental Discharger or an agent or representative of the Dental Discharger must maintain the One-Time Compliance Report required in subsection 1520.6 of this section and make it available for inspection in either physical or electronic form.
- (b) Dental Discharger or an agent or representative of the Dental Discharger must maintain and make the following documents available for inspection in either physical or electronic form, for a minimum of three years or until updated, whichever is longer:
 - (1) Documentation of the date, person(s) conducting the inspection, and results of each inspection of the amalgam separator(s) or equivalent device(s), and a summary of follow-up actions, if needed.
 - (2) Documentation of amalgam retaining container or equivalent container replacement (including the date, as applicable).
 - (3) Documentation of all dates that collected dental amalgam is picked up or shipped for proper disposal in accordance with 40 C.F.R § 261.5(g)(3) (Special requirements for hazardous waste generated by conditionally exempt small quantity generator) and 20 DCMR § 4261.7, and the name of the permitted or licensed treatment, storage or disposal facility receiving the amalgam retaining containers.
 - (4) Documentation of any repair or replacement of an amalgam separator or equivalent device, including the date, person(s) making the repair or replacement, and a description of the repair or replacement (including make and model).
 - (5) The manufacturers operating manual for the current device.
 - (6) Documentation of staff training and retraining, including the name of the staff person and date of training.

Section 1599, DEFINITIONS, is amended by deleting the term WASA and adding the following terms and definitions to read as follows:

1599 **DEFINITIONS**

Amalgam Process Wastewater - any wastewater generated and discharged by a Dental Discharger through the practice of dentistry that may contain dental amalgam.

Amalgam Separator - a collection device designed to capture and remove dental amalgam from the amalgam process wastewater of a dental facility.

DC Water or WASA – the District of Columbia Water and Sewer Authority.

Dental Amalgam - an alloy of elemental mercury and other metal(s) that is used in the practice of dentistry.

Dental Discharger - a facility where the practice of dentistry is performed, including, but not limited to, institutions, permanent or temporary offices, clinics, home offices, and facilities owned and operated by Federal, state or local governments, that discharges wastewater to a publicly owned treatment works (POTW).

Duly Authorized Representative – the individual designated by the responsible corporate officer or a general partner or proprietor if the Industrial User submitting the reports section is a partnership, or sole proprietorship respectively, if:

- (a) The authorization is made in writing by the responsible corporate officer or a general partner or proprietor;
- (b) The authorization specifies either an individual or a position having responsibility for the overall operation of the facility from which the Industrial Discharge originates, such as the position of facility of plant manager, or a position of equivalent responsibility, or having overall responsibility for environmental matters for the company; and
- (c) The written authorization is submitted to the DC Water.

Existing Dental Discharger - a Dental Discharger that is not a new source that discharged to the District's wastewater system on or before July 14, 2017.

Mobile Unit - a specialized mobile self-contained van, trailer, or equipment used in providing dentistry services at multiple locations.

New Dental Discharger - a Dental Discharger whose first discharge to the District's wastewater system occurs after July 14, 2017.

Presented and Adopted: October 5, 2017
**SUBJECT: Approval to Execute Contract No. 150180, Sagres
Construction Corp.**

**#17-68
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
D.C. WATER AND SEWER AUTHORITY**

The Board of Directors ("Board") of the District of Columbia Water and Sewer Authority ("the Authority") at its meeting on October 5, 2017 upon consideration of a non-joint use matter, decided by a vote of five (5) in favor and none (0) opposed to execute Contract No. 150180, Sagres Construction Corp.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Contract No. 150180, Sagres Construction Corp. The purpose of the contract is to replace water mains that have experienced failures, or have a history of low water pressure or water quality complaints. The contract amount is \$3,676,741.

This Resolution is effective immediately.


Secretary to the Board of Directors

Presented and Adopted: October 5, 2017

SUBJECT: Approval to Publish Proposed Amendments to Waste Hauler Discharge Annual Permit Fee, Waste Hauling Disposal Fees, and High Strength Waste Fees and Associated Regulations

**#17-69
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY**

The District members of the Board of Directors ("Board") of the District of Columbia Water and Sewer Authority ("the Authority") at the Board meeting held on October 5, 2017 upon consideration of a non-joint use matter, decided by a vote of five (5) in favor and none (0) opposed, to approve the following action to amend the Waste Hauler Discharge Annual Permit Fee, Waste Hauling Disposal Fees, and High Strength Waste Fees and Associated Regulations.

WHEREAS, the Board has adopted a revised rate setting policy that calls for rates that, together with other revenue sources, yield reliable and predictable stream of revenues to pay for the Authority's projected operating and capital expenses; and

WHEREAS, on July, 7, 2011, the Board adopted new pretreatment fees for waste hauling to recover the annual cost of wastewater discharged at the Authority's Septage Receiving Facility, which were published in the *D.C. Register* (DCR) at 58 DCR 6945 for the Pretreatment Waste Hauling – Annual Fee per Vehicle, effective October 1, 2011; and

WHEREAS, on February 2, 2012, the Board adopted new pretreatment regulations, 21 DCMR Chapter 15, Discharges to Wastewater System, which were published in the *D.C. Register* at 59 DCR 1021, effective February 10, 2012, that included rules to charge fees for the discharge of high strength waste to the District's wastewater system, but did not establish the fee schedule for discharge of high strength wastes; and

WHEREAS, in FY 2017, the Authority conducted a cost of service assessment of the Waste Hauler Discharge Annual Permit Fee, Waste Hauling Disposal Fees, and High Strength Waste Fees to ensure that the Authority is currently recovering the full costs of providing wastewater treatment services; and

WHEREAS, on September 21, 2017, the Authority presented the results of the costs of service assessment to the Environmental Quality and Operations (EQ&O) Committee and the proposed amendments to the Waste Hauler Discharge Annual Permit Fee, Waste Hauling Disposal Fees, High Strength Waste Fees and associated regulations; and

WHEREAS, on September 21 and 26, 2017, staff reported to the EQ&O and D.C. Retail Water and Sewer Rates Committees that in 2016 the fees collected by the current Waste Hauling Discharge Annual Fee schedule were approximately \$500,000 less than the cost to treat the waste discharged at the Septage Receiving Facility; and the new High Strength Waste Fees will recover approximately \$145,000 to \$250,000 in additional revenue to treat high strength waste loads discharged in the wastewater system; and

WHEREAS, the proposed amendments (Attachment A) would:

1. Revise the current flat fee schedule for the Waste Hauling Annual Permit Fee from \$160-\$14,640 to \$30 per Vehicle;
2. Establish a Waste Hauling Disposal Fee schedule based on the volume and strength of the waste discharged;
3. Establish a High Strength Waste Fee schedule for significant industrial users; and
4. Revise associated regulations to implement the revised and new fee schedules.

WHEREAS, on September 21, 2017, the EQ&O Committee considered the proposed amendments and recommended the amendments to the Waste Hauler Discharge Annual Permit Fee, Waste Hauling Disposal Fees, High Strength Waste Fees and associated regulations to the Board of Directors for approval; and

WHEREAS, on September 26, 2017, the Authority presented the results of the costs of service assessment to the D.C. Retail Water and Sewer Rates Committee and the proposed amendments to the Waste Hauler Discharge Annual Permit Fee, Waste Hauling Disposal Fees, High Strength Waste Fees and associated regulations; and

WHEREAS, on September 26, 2017, the D.C. Retail Water and Sewer Rates Committee considered the proposed amendments and recommended the amendments to the Waste Hauler Discharge Annual Permit Fee, Waste Hauling Disposal Fees, High Strength Waste Fees and associated regulations to the Board of Directors for approval; and

NOW THEREFORE BE IT RESOLVED THAT:

1. The Board directs the General Manager to amend the Authority's Water Supply regulations at 21 DCMR § 112.6 and Discharges to Wastewater System regulations at 21 DCMR Chapter 15 as provided in Attachment A.
2. The General Manager is authorized to take all steps necessary in his judgment and as otherwise required, to publish a Notice of Proposed Rulemaking in the *D.C. Register* for the proposed amendments and receive public comments in the manner provided by District of Columbia Administrative Procedure Act.

This resolution is effective immediately.


Secretary to the Board of Directors

Attachment A

Chapter 1, WATER SUPPLY, of Title 21, WATER AND SANITATION, of the DCMR is amended as follows:

Section 112, FEES, Subsection 112.6 is amended to read as follows:

112 FEES

112.6 Pretreatment fees shall be as follows:

Waste Hauler Discharge Annual Permit Fee per Vehicle	\$30.00
Waste Hauling Disposal Fees	
High strength grease trap waste	\$0.07 per gallon
High strength septage waste	\$0.07 per gallon
Domestic strength waste	\$0.003 per gallon
Low strength waste	\$0.003 per gallon
Industrial User Permit Fees	
Permit Initial Fee	\$2,000.00
Permit Renewal Fee	\$600.00
Industrial User Annual Compliance Fee	
Significant or Non-Significant Categorical Industrial User	
1 Outfall	\$2,500.00
2 or more Outfalls	\$3,500.00
Significant Non-Categorical Industrial User	
1 Outfall	\$2,500.00
2 or more Outfalls	\$3,500.00
Non-Significant Non-Categorical User	
1 Outfall	\$550.00
2 or more Outfalls	\$700.00
High Strength Waste Fee (Effective April 1, 2018)	
Biochemical Oxygen Demand (BOD)	\$0.135 per pound
Total Suspended Solids (TSS)	\$0.263 per pound
Total Kjeldahl Nitrogen (TKN) or Total Nitrogen (TN)	\$1.471 per pound
Total Phosphorus (TP)	\$4.524 per pound

Section 199, DEFINITIONS is amended by adding the following terms and definitions to read as follows:

199 DEFINITIONS

High Strength Grease Trap Waste – wastewater from grease traps or interceptors, excluding oil-water interceptors.

High Strength Septage Waste – concentrated domestic wastewater from sources, including but not limited to, portable toilets, septic tanks, and sewage ejector pumps or pits.

Domestic Strength Waste – domestic wastewater that does not exceed the domestic strength wastewater concentrations provided in 21 DCMR § 1511.2.

Low Strength Waste – non-domestic wastewater, including but not limited to, groundwater and stormwater, that does not exceed the domestic strength wastewater concentrations provided in 21 DCMR § 1511.2.

Chapter 15, DISCHARGE TO WASTEWATER SYSTEM, of Title 21, WATER AND SANITATION, of the DCMR, is amended as follows:

Section 1510, HAULED WASTEWATER, is amended in its entirety to read as follows:

1510 HAULED WASTEWATER

1510.1 Unless authorized by DC Water, it shall be unlawful for any User to dispose of any hauled wastewater, comprising liquid or solid and liquid wastes, removed from septic tanks, grease abatement systems, portable toilets, or wastes from any other source, anywhere in the District of Columbia except at the Septage Receiving Facility located at the wastewater treatment facility at 5000 Overlook Ave., S.W.

1510.2 Any User intending to discharge hauled wastewater in the District of Columbia, shall apply for and obtain a Waste Hauler Discharge Permit.

1510.3 The application for issuance of a Waste Hauler Discharge Permit shall be submitted to DC Water at least thirty (30) days prior to discharge for a new permit or the expiration of a current permit and shall include the following information:

- (a) Name, address, and contact information;
- (b) Vehicle information for each vehicle used to discharge waste at the DC Water Septage Receiving Facility, including:
 - (1) Make, model and year of the vehicle;
 - (2) Tag number;
 - (3) State of registration;
 - (4) Serial number;

- (5) Tank capacity;
- (6) Garage address; and
- (7) Insurance coverage;
- (c) Estimated number of loads per week;
- (d) Services provided (type of waste and service area);
- (e) List of commercial and industrial customers (if applicable) and type of waste or waste source;
- (f) Waste characterization data, if requested by DC Water;
- (g) Operating permits (if applicable); and
- (h) Certification statements (included on the application), signed by an authorized representative in accordance with § 1508.11.

1510.4 After evaluation of the information submitted, DC Water may:

- (a) Deny any application for a Waste Hauler Discharge Permit; or
- (b) Issue an invoice for the applicable Waste Hauler Discharge Permit fees as provided in chapter 1 of this title, and upon payment, shall issue a Waste Hauler Discharge Permit subject to terms and conditions provided in the Waste Hauler Discharge Permit.

1510.5 Upon receiving a Waste Hauler Discharge Permit, the Waste Hauler shall comply with all permit conditions. Discharge of wastewater without a permit shall be prohibited, unless authorized in writing by DC Water.

1510.6 Waste Hauler Discharge Permits shall be effective for a period of one (1) year and may contain any or all of the following conditions:

- (a) Statement of duration;
- (b) Statement of non-transferability;
- (c) Load restrictions;
- (d) Manifest requirements;
- (e) Right of refusal;

- (f) Hours of operation, and procedures for discharging outside of the normal hours of operation; and
 - (g) Additional requirements as DC Water may determine.
- 1510.7 Waste Hauler Discharge Permits are not transferable, unless DC Water specifically authorizes in writing.
- 1510.8 The permittee shall notify DC Water immediately if their license plate or registration has changed on any of their permitted vehicles.
- 1510.9 Upon receiving notification from the permittee pursuant to 21 DCMR § 1510.8, DC Water shall issue a revised Waste Hauler Discharge Permit.
- 1510.10 The following waste may not be discharged to the Septage Receiving Facility:
- (a) Wastes that are not compatible with the District's wastewater treatment process, including, but not limited to, wastewater or additives containing petroleum products, solvents, formaldehyde, or 1,4-dichlorobenzene shall not be discharged at the Septage Receiving Facility.
 - (b) Hazardous wastes or waste from trucks or tanks that previously contained hazardous wastes.
 - (c) Wastes from water or wastewater treatment plants or other non-domestic sources shall not be discharged at the Septage Receiving Facility unless DC Water specifically authorizes in writing. DC Water may require characterization of the discharge prior to authorization to discharge.
 - (d) Waste from water or wastewater treatment plants or other non-domestic sources, except grease trap waste, shall not be mixed with waste from domestic sources.
- 1510.11 The waste hauler shall submit a manifest form to DC Water prior to entering the Blue Plains facility which shall contain the following information on each load:
- (a) Company name and Waste Hauler Discharge Permit number;
 - (b) Vehicle make, model, and license number;
 - (c) For each source, the customer's name, address and volume of hauled waste;

- (d) Type of waste(s) (for example grease trap, and septic tank);
- (e) Total volume of the load; and
- (f) Driver certification statement.

1510.12 Disposal into the Septage Receiving Facility shall be in accordance with the following provisions:

- (a) No waste hauler may discharge without prior written authorization by DC Water.
- (b) Unless exempted by DC Water in writing, all loads shall comply with the District's pretreatment standards as provided in 21 DCMR § 1501;
- (c) DC Water reserves the right to refuse acceptance of any load;
- (d) A waste hauler may be required to provide a waste analysis of any load prior to discharge;
- (e) A waste hauler may be required to cease unloading operations at any time;
- (f) In the case of composite loads, any part of the load that is restricted or prohibited shall make the entire load unacceptable for discharge;
- (g) Upon request, any Waste Hauler shall provide DC Water personnel with access to the wastewater contained in the vehicle for collecting samples or taking instrument readings;
- (h) All haulers shall clean up all spills resulting from their discharge activity at the Septage Receiving Facility;
- (i) Additional expenses may be charged to the hauler if DC Water has to clean up any spills or deposits, unclog the septage discharge lines, or repair damage occurring as the result of the hauler's discharge activity; and
- (j) Additional requirements as specified by DC Water in writing.

1510.13 Except as authorized by DC Water, the discharge of truck-hauled wastewater without a permit or in violation of a permit shall be punishable as provided in § 15 of the Act and as provided in 21 DCMR §§ 1513, 1516, and 1517.

1510.14 A Waste Hauler Discharge Permit may be suspended, terminated, or denied for good cause including, but not limited to, the following:

- (a) Information indicating that the permitted discharge poses a threat to the treatment system or DC Water personnel;
- (b) Violation of any terms or conditions of the Waste Hauler Discharge Permit;
- (c) Obtaining a Waste Hauler Discharge Permit by misrepresentation or failure to disclose fully, all relevant facts;
- (d) The unauthorized discharge of wastewater from non-domestic sources;
- (e) Denying DC Water personnel access to a vehicle or its contents for purposes of collecting a sample and/or obtaining instrument readings;
- (f) Failure to obtain or maintain appropriate current hauling licenses or permits from Federal, State, or local agencies;
- (g) Failure to pay fees, including late fees, or administrative penalties or fines;
- (h) Falsification of, failure to complete, or failure to fully disclose all relevant facts in any report, manifest form, or record required by the permit or requested by DC Water;
- (i) Failure to comply with an enforcement action issued by DC Water; and
- (j) Failure to clean up a spill or report a blockage.

1510.15 Waste Hauling Disposal Fees shall be assessed monthly in accordance with the fee schedule provided in 21 DCMR § 112.6 for each load of hauled wastewater received at the Septage Receiving Facility, based on the volume and type or strength of wastewater discharged.

1510.16 DC Water may establish custom waste hauling disposal fees for:

- (a) Waste generated outside the Blue Plains Service Area.
- (b) Commercial (other than grease traps or interceptors) and industrial hauled waste based on the waste characteristics and other factors

including, but not limited to, potential risk and wastestream variability.

- 1510.17 Custom waste hauler disposal fees may be revised by DC Water, at any time, based on new waste characteristic data and information.
- 1510.18 Additional fees may be assessed for hauled wastewater discharged outside of normal hours of operation, as determined by DC Water.
- 1510.19 DC Water shall determine the volume of wastewater discharged for billing based on either:
- (a) The actual volume of sewage discharged as determined by a method acceptable to DC Water; or
 - (b) The carrying capacity or a percentage of the carrying capacity of the waste hauler's vehicle, if the actual volume of sewage discharged cannot be determined by a method acceptable to DC Water.
- 1510.20 Users may petition the General Manager to reconsider the issuance, suspension, termination or denial of a Waste Hauler Discharge Permit or the terms or conditions of a Waste Hauler Discharge Permit within fifteen (15) calendar days of the effective date of the Waste Hauler Discharge Permit by submission of a Permit Appeal form. The submission of a Permit Appeal for reconsideration shall not stay compliance with Waste Hauler Discharge Permit conditions.
- 1510.21 Failure to submit a timely Permit Appeal for review shall be deemed to be a waiver of administrative appeal unless DC Water grants a time extension.
- 1510.22 In the Permit Appeal, the User shall indicate the discharge permit provisions objected to, the reasons for the objection, and the alternative condition, if any, it seeks to place in the Waste Hauler Discharge Permit.
- 1510.23 The General Manager will review and make a final decision on the Permit Appeal. The General Manager will send the User the final decision.
- 1510.24 If the Permit Appeal is denied by the General Manager or the User is not satisfied with the General Manager's final decision, the User may appeal the Permit Appeal decision as set forth in 21 DCMR § 1519 by filing a petition for an administrative hearing within fifteen (15) calendar days of the date of the General Manager's decision. The petition for an administrative hearing shall be filed in accordance with the requirements set forth in 21 DCMR § 412.

Section 1511, HIGH-STRENGTH WASTE FEE, is amended to read as follows:

1511 HIGH-STRENGTH WASTE FEE

1511.1 Permitted Significant Industrial Users discharging high strength wastewater into the District's wastewater system shall be assessed a high-strength waste fee, in addition to the normal sewer charges, which are based on the volume of wastewater discharged and average daily concentration for the high strength waste constituent.

1511.2 The high-strength waste fee shall be applied to those permitted discharges whose average daily concentration exceeds one (1) or more of the following domestic strength wastewater concentrations:

- (a) Biochemical Oxygen Demand (BOD) of three hundred milligrams per liter (300 mg/L) or Chemical Oxygen Demand (COD) of six hundred milligrams per liter (600 mg/L);
- (b) Total Suspended Solids (TSS) of three hundred milligrams per liter (300 mg/L);
- (c) Total Kjeldahl Nitrogen (TKN) or Total Nitrogen (TN) of forty-five milligrams per liter (45 mg/L); and
- (d) Total Phosphorus (TP) of six milligrams per liter (6 mg/L).

1511.3 High-strength waste fees may be applied to additional constituents for other high strength wastewater based on criteria determined by DC Water, which shall be computed in a similar manner provided in 21 DCMR § 1511.4.

1511.4 The high-strength waste fee shall be computed using the following formula for those constituents exceeding the values specified in 21 DCMR § 1511.2:

$$\text{High-strength waste fee} = V \times 8.34 \times [\text{FB} \times (\text{AB}-300 \text{ or } \frac{1}{2}(\text{AC}-600)) + \text{FS} \times (\text{AS}-300) + \text{FN} \times (\text{AN}-45) + \text{FP} \times (\text{AP}-6)]$$

Where:

- V = volume of sewage in millions of gallons discharged by the Significant Industrial User during the billing period.
- FB = the cost for treating BOD expressed in dollars/pound.
- AB = the average daily concentration of BOD in the sewage discharged expressed in mg/L.

AC = the average daily concentration of COD in the sewage discharged expressed in mg/L.

Use the higher value of AB-300 or $\frac{1}{2}(AC-600)$.

FS = the cost for treating TSS expressed in dollars/pound.

AS = the average daily concentration of TSS in the sewage discharged expressed in mg/L.

FN = the cost for treating TKN or TN expressed in dollars/pound.

AN = the average daily concentration of TKN or TN in the sewage discharged expressed in mg/L.

FP = the cost for treating TP expressed in dollars/pound.

AP = the average daily concentration of TP in the sewage discharged expressed in mg/L.

- 1511.5 The cost for treating each high-strength waste constituent shall be determined by DC Water as provided in 21 DCMR § 112.6.
- 1511.6 The volume of sewage from the Significant Industrial User shall be determined based upon either:
- (a) Metered or estimated water consumption for the billing period; or
 - (b) Metered or estimated wastewater discharge entering the sewer system.
- 1511.7 If estimated flows are used, the procedure for determining the flows shall be submitted by the Significant Industrial User and approved by DC Water.
- 1511.8 If metered wastewater discharge to the sewer system is used, the Significant Industrial User shall provide and maintain at their own expense, metering facilities as required to indicate accurately, to the satisfaction of DC Water, the volume of discharge to the sewer system.
- 1511.9 Flow data shall be submitted to DC Water in a format and content acceptable to DC Water monthly or at a frequency specified by DC Water.
- 1511.10 If wastewater flow data provided by the Significant Industrial User is not submitted to DC Water by the specified date, DC Water may calculate the high-strength waste fee using the metered water consumption.
- 1511.11 The average daily concentration of each constituent shall be in a format and content specified by DC Water and submitted monthly or at a

frequency specified by DC Water.

1511.12 The average daily concentration shall be based on one or more of the following:

- (a) All sampling and analysis results from sampling conducted by DC Water during the assessment period.
- (b) All sampling and analysis results from sampling conducted by the Significant Industrial User during the assessment period, or as specified by DC Water, that DC Water determines is characteristic of the overall nature of such discharge.
- (c) Historical records for the Significant Industrial User or other Significant Industrial Users having similar discharge characteristics.

1511.13 A Significant Industrial User may challenge the high-strength waste fee assessment or appeal the General Managers final decision in accordance with the procedures set for in chapter 4 of this title.

Presented and Adopted: October 5, 2017
SUBJECT: Appointment of Interim General Manager

#17-70
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
D.C. WATER AND SEWER AUTHORITY

The Board of Directors ("Board") of the District of Columbia Water and Sewer Authority, (the "Authority") at its meeting on October 5, 2017, upon consideration of a joint use matter decided by a vote of nine (9) in favor and none (0) opposed, to appoint an Interim General Manager.

WHEREAS, George S. Hawkins has given notice that he will resign his appointment as General Manager of the Authority, effective December 29, 2017; and

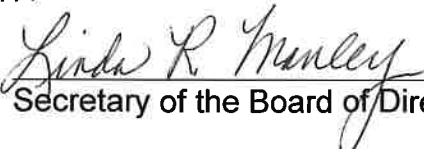
WHEREAS, the Authority's Board of Directors intends to conduct a nationwide search to fill this position; and

WHEREAS, it is necessary for the Board to appoint an Interim General Manager to assume the duties and responsibilities exercised by George S. Hawkins, General Manager, beginning December 30, 2017 until a permanent successor assumes those duties and responsibilities.

NOW, THEREFORE BE IT RESOLVED THAT:

1. The Board of Directors of the District of Columbia Water and Sewer Authority hereby appoints Henderson J. Brown, to serve as Interim General Manager for the Authority beginning December 30, 2017 until the appointment of a permanent General Manager for the Authority; and;
2. The Interim General Manager shall exercise all the duties and responsibilities of the position of General Manager of the Authority including, but not limited to those set out in the Authority's enabling statute, codified in § 34-2202.01 et seq. of the District of Columbia Official Code, the District of Columbia Municipal Regulations, applicable Board Resolutions, including Resolutions 97-89 and 97-91 (attached), and such other authority and responsibilities as may be hereafter delegated to the General Manager by this Board.

This resolution is effective October 5, 2017.


Secretary of the Board of Directors

Presented and Adopted: September 4, 1997

SUBJECT: Delegation of Contracting Authority to the General Manager

**#97-89
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
D.C. WATER AND SEWER AUTHORITY**

The Board of Directors of the D.C. Water and Sewer Authority, "the Authority", at its meeting on September 4, 1997, upon consideration of a joint-use matter, decided by a vote of ten (10) in favor and none (0) opposed.

Be it resolved that:

1. The General Manager is hereby appointed the contracting officer of the Water and Sewer Authority and is authorized to enter into, modify, and administer contracts necessary to perform the functions of the Authority.
2. The General Manager shall obtain written approval by the Board prior to executing any contracts for one million dollars (\$1,000,000.00) or over and contract modifications for five hundred thousand (\$500,000) or over.
3. The General Manager is delegated the authority to determine amounts to be retained from payments under partially or fully completed construction projects.
4. The General Manager is authorized to determine the amount of liquidated damages which may be assessed, retained, remitted, or released.
5. The General Manager is authorized to redelegate any of the authority delegated by this resolution to persons under the General Manager's supervision and control.
6. The General Manager shall notify the Budget and Finance Committee of such re delegation.

This resolution is effective immediately.


Secretary to the Board of Directors