

2020 Performance Oversight Questions
DC Water

A. ORGANIZATION AND OPERATIONS

1. Please provide a complete, up-to-date **organizational chart** for the agency and each division within the agency, including the names and titles of all senior personnel. Please include an explanation of the roles and responsibilities for each division and subdivision within the agency.
 - Please include a list of the employees (name and title) for each subdivision and the number of vacant, frozen, and filled positions. For vacant positions, please indicate how long the position has been vacant.
 - Please provide a narrative explanation of any changes to the organizational chart made during the previous year. **Please see Tab 1-7**

2. Please list each **new program** implemented by the agency during FY 2019 and FY 2020, to date. For each initiative please provide:
 - A description of the initiative, including when begun and when completed (or expected to be completed);
 - The funding required to implement the initiative;

Any documented results of the initiative.

Lead Free DC – The objective of this new program is to twofold. The first objective is to execute the new Lead Water Service Line Replacement and Disclosure Act of 2018, which was recently enacted. The new Lead Pipe Replacement Assistance Program (LPRAP) offers financial assistance to residents interested in removing partial lead service lines. The law also includes funding for the Capital Improvement Projects and Emergency Work to replace entire lead service line in public space and private property where DC Water is doing work and the homeowner consents to the line replacement on private property. There were also provisions in the law on customer education and outreach, water quality testing, tenant and material disclosures. The second objective of the new program is to aggregate the various lead service line replacement initiatives into a single enterprise program. Up until October of 2019 DC Water was very active in water quality testing and reporting, reconciling material inventory of unknown service lines, responding to voluntary requests to replace lead service lines, lead service line profiling and resolving OIG findings. Lead Free DC is a program encompassing all these initiatives into a single coordinated effort to leverage economies of scale, outreach, and execution across all the various delivery units within DC Water. Additionally, and consistent with Mr. Gadis’ vision “moving toward a plan where every inch of lead service line in the city is removed within the next 10 years”, DC Water will continue to develop and evolve the program. This expanded program will consider longer-term programmatic approaches centered on technologies, legislative considerations, replacement methodologies, construction techniques, financial assistance, partnerships and alliances.

The annual cost of developing and executing the Lead Free DC long-term program is being developed. DC Water is utilizing the investment of \$2.8 million in funding from the District to support LPRAP and capital investment and emergency work. DC Water is hopeful to continue this

partnership with the District. To build-out the long-term lead service program, DC Water is investing \$90,000 for 3rd party strategy, analysis, and subject matter expertise.

The benefit of the Lead Free DC programmatic enterprise approach ensures proper leadership and governance across a multi-functional team including engineering, operations, communications and marketing, customer service, people and talent, finance, performance, legal affairs and the CEO's office. The programmatic approach also takes advantage of our diverse expertise, streamlined processes and better resource utilization. And finally, this program brings the direct focus and attention of the CEO to ensure his vision for a Lead Free DC is achieved in the next ten years.

2. Phase 2 of the Meter to Cash Assessment – In FY 2019, a meter to cash assessment was conducted. The assessment looked at the existing processes and identified improvement opportunities to enhance customer service, improve operational efficiency, and reduce risk along the meter-to-cash lifecycle. Many of the highest opportunity recommendations were adopted and are currently being implemented, including the ongoing effort to improve AMI penetration anticipated for completion this spring. The improvement of AMI penetration is significant. Reading meters properly and efficiently and providing a high level of customer satisfaction are critical business functions that require up-to-date technology.

The cost of the project is estimated at \$2.8 million which includes the cost of the installation vendor and the program management oversight. The commercial approach for this project is unique in that the payment terms are based on a performance contracting model that ties payment to successful installation and transmission.

The benefits to DC Water and its customers include:

- Reduced estimated water bills and resulting improved customer satisfaction
- Increase transmission rate, enabling more customers to take advantage of alerts for high usage and leak detection
- Reduced meter reading costs
- Replace aging infrastructure

3. Enterprise Performance Plan Development and Implementation - The FY 2020 Enterprise Performance Plan is an integral part of strategy execution. It aligns to our Strategic Plan, The Blueprint, and is helping to drive collaboration and a focus on organizational performance. An initial effort for performance planning was launched in FY 2019. DC Water will track and report on 40 enterprise initiatives spanning the majority of clusters, departments and business units. This Plan is designed to empower every part of DC Water to operate from a common set of data points which seed the Plan in a connected, dynamic, and collaborative framework. Creating a cadence around communication, performance management and collaboration is essential.

The enterprise performance plan development is being self-performed. The leader for the program sits in the Performance cluster of the organization is responsible the planning and execution. Additionally, the success for this program relies on ongoing collaboration and support of resources across the enterprise. No additional outside resources are being used at this time.

The benefit of the program is to drive the organization to a high performing utility that's focused on measured results. This program sets the stage for data driven decision making using actual results to inform leadership and support informed decisions.

4. Enterprise Program Management Office - The DC Water Enterprise Program Management Office (EPMO) was created to enhance the organization's program and project management capabilities, improve decision making collaboration and coordination across functional areas within the organization, and ensure strategic alignment of programs, initiatives, and projects. It will utilize a consistent, repeatable structure across an enterprise-wide portfolio.

The established enterprise program management office development is being self-performed. The leader for the program sits in the Performance cluster of the organization is responsible the planning and execution. Additionally, the success for this program relies on ongoing collaboration and support of resources across the enterprise. No additional outside resources are being used at this time.

The charter, framework, and technology tools will be established in the Spring of 2020. Full scale functionality will be in operation by January 2021. As the EPMO is rolled out, the results and benefits will be reported out as appropriate.

3. Please provide a complete, up-to-date **position listing** for your agency, ordered by program and activity, and including the following information for each position:
 - Title of position;
 - Name of employee or statement that the position is vacant, unfunded, or proposed;
 - Date employee began in position;
 - Salary and fringe benefits (separately), including the specific grade, series, and step of position;
 - Job status (continuing/term/temporary/contract);
 - Whether the position must be filled to comply with federal or local law. **Please see Tab 8**

4. Does the agency conduct annual **performance evaluations** of all of its employees, and was this done in FY 2019? Who conducts such evaluations? What are they performance measures by which employees are evaluated? What steps are taken to ensure that all agency employees are meeting individual job requirements? What steps are taken when an employee does not meet individual job requirements? **In FY 2019 all eligible employees (worked 1040 hours, have been before July 1st) received performance evaluation.**

The employees' direct supervisor conducts evaluations. Co-planners can be added for individuals that have cross functional job responsibilities and/or if the supervisor changed throughout the year.

Employees are rated on the following competencies: communication, problem solving, job mastery/productivity, relationship management, customer service. Leaders are rated on these competencies, along with leadership, strategic thinking. Employees also have individual goals based on their specific job roles.

Managers are responsible for meeting with employees to provide continuous feedback, coaching and mid-year check in. Managers are provided training and support from the

training and development team. Employees that are not meeting job requirements are typically put on a performance improvement plan and/or a memorandum of understanding for union employees.

5. Please list all **employees detailed** to or from your agency, if any. Please provide the reason for the detail, the detailed employee’s date of detail, and the detailed employee’s projected date of return. **NA**
6. Please provide the position name, organization unit to which it is assigned, and hourly rate of any **contract workers** in your agency, and the company from which they are contracted. **See Tab 9**
7. Please provide the Committee with:
 - A list of all employees who receive cellphones or similar communications devices at agency expense.
 - ◆ Please provide the total cost for mobile communications and devices at the agency for FY 2019 and FY 2020 to date, including equipment and service plans. **Please see Tab 10**
 - A list of all vehicles owned, leased, or otherwise used by the agency and to whom the vehicle is assigned. **Please see Tab 11**
 - A list of employee bonuses or special award pay granted in FY 2019 and FY 2020, to date. **See below**
 - A list of travel expenses, arranged by employee. **Please see Tab 12**
 - A list of the total overtime and worker’s compensation payments paid in FY 2019 and FY 2020, to date.

Employee Bonuses & Special Awards

FY 2019 (10/01/18 - 09/30/19)	\$ 1,698,081
FY 2020 (10/01/19 - 12/31/19)	\$ 832,426

Total Overtime and Workers Compensation Payments

Overtime Payments:

FY 2019 (10/01/18 - 09/30/19)	\$ 8,129,880
FY 2020 (10/01/19 - 12/31/19)	\$ 2,140,966

Workers Compensation:

FY 2019 (10/1/18 - 9/30/19)	\$ 1,256,959	medical, indemnity, vocational rehabilitation and expenses
FY 2020 (10/1/19 - 12/31/19)	\$ 430,003	medical, indemnity, vocational rehabilitation and expenses

8. Please provide a list of each **collective bargaining agreement** that is currently in effect for agency employees.
 - Please include the bargaining unit (name and local number), the duration of each agreement, and the number of employees covered.
 - Please provide, for each union, the union leader’s name, title, and his or her contact information, including e-mail, phone, and address if available.

- Please note if the agency is currently in bargaining and its anticipated completion date. **Please see chart below**

CBA	Bargaining Unit	Duration	Number of employees covered	Union Leadership (name, title, contact information)	Bargain Status
Master Agreement on Compensation	Compensation Unit 31 (AFGE Locals 631, 872, 2553; AFSCME Local 2091; and NAGE Local R3-06)	4 years 10/1/19 - 9/30/2023	696	All Union Presidents listed below.	N/A
Working Conditions Agreement	AFGE Local 631	6 years 10/1/11-9/30/17	192	Barbara Milton, President P.O. Box 54585 Washington, D.C. 20032 Tel: 202-236-0500 Barbara.Milton@dcwater.com	Pending
Working Conditions Agreement	AFGE Local 872	6 years 10/1/11-9/30/17	222	Jonathan Shanks, President 1112 Constitution Avenue, NE Washington, D.C. 20002 Tel. 202-320-5329 Jonathan.Shanks@dcwater.com	Pending
Working Conditions Agreement	AFGE Local 2553	3 years 10/1/18-9/30/21	58	Calvert Wilson, President 1118 47 th Place NE Washington, D.C. 20019 Tel. 202-386-4971 Calvert.Wilson@dcwater.com	N/A
Working Conditions Agreement	AFSCME Local 2091	3 years 10/1/18-9/30/21	207	Barry Carey, President 100 M Street SE, Suite 250 Washington, D.C. 20019 Tel. 202-733-3752 barry.carey@yahoo.com	N/A

9. Please identify all **electronic databases** maintained by your agency, including the following:

- A detailed description of the information tracked within each system;
- The age of the system and any discussion of substantial upgrades that have been made or are planned to the system;
- Whether the public can be granted access to all or part of each system.
- **Please see Tab 13**

10. Please describe the agency’s procedures for investigating allegations of **sexual harassment** or misconduct committed by or against its employees. List and describe any allegations received by the agency in FY19 and FY20, to date, and whether and how those allegations were resolved. Procedure for Investigating:

- **Anyone who believes they have witnessed or are the target of sexual harassment or misconduct (“harassment”), whether directly or indirectly, or a person acting on the targeted individual’s behalf with or without the victim’s consent, may report a harassment incident to the Authority’s Equal Employment Officer (EEO Officer), to any supervisor within the chain of command, including the Department Director, or by sending a written complaint or concerns to the Authority’s EEO email address for receiving such complaints or concerns.**

- The EEO Officer is responsible for the receipt, acknowledgment, investigation, and reporting of the findings of complaints of harassment and discriminatory employment practices. The Director of Labor Relations and Compliance Programs is designated as the Authority’s EEO Officer.
- Supervisors or other employees to whom an employee has reported allegations of harassment shall take prompt action to report the alleged incident(s) to the EEO Officer.
- The EEO Officer or his/her designee who investigates the harassment allegations shall submit a report of their findings to the Executive Vice President of People and Talent. If an EEO complaint is filed against the President/CEO, Chief of Staff, Executive Vice President of Legal Affairs, Executive Vice President of Finance and Procurement, or another Executive Vice President, the EEO Officer shall arrange for the complaint to be investigated by a party not subject to supervision by an Authority official, or involved in any contractual or other business dealing with the Authority.
- Once the investigative report has been submitted to the Executive Vice President of People and Talent for review, a meeting shall be arranged with the Executive Vice President of People and Talent, the EEO Officer and the appropriate Department Heads, and both the targeted employee’s and offending employee’s supervisors to discuss the report’s findings. Should the findings reveal the allegations are “substantiated,” then a resolution plan will be developed and promptly implemented.
- The EEO Officer or his/her designee shall meet with the person who reported the alleged harassment to advise him/her as to whether the investigation resulted in a finding that the complaint was “substantiated” or “unsubstantiated.” If the complaint was “substantiated,” the employee will be informed of the resolution plan.
- In addition to the Authority’s internal procedures stated above, employees have the right to file a complaint of alleged unlawful discrimination or harassment with the DC Office of Human Rights or the Equal Employment Opportunity Commission.

Allegations Received: None

11. For any **boards or commissions** associated with your agency, please provide a chart listing the following for each member:

- The member’s name;
- Confirmation date;
- Term expiration date;
- Whether the member is a District resident or not;
- Attendance at each meeting in FY19 and FY20, to date.

Please also identify any vacancies.

12. Please list the **task forces and organizations**, including those inside the government such as interagency task forces, of which the agency is a member and any associated membership dues paid. DC Water serves on the Workforce Investment Council; and Several staff serve on the Advisory Council on Utility Supplier and Workforce Diversity with the Public Services Commission. Mr. Gadis is the Vice Chairman of the Council. Maureen Holman is a representative of the Urban Forestry Advisory Council; Maureen Holman is on Commission on Climate Change and Resiliency; Maureen Holman is part of Leadership for a Cleaner Anacostia River; Maureen Holman is on several Metropolitan Washington Council of Governments committees; Terrance Hunger sits on the Office of Disability Rights & is elected ANC 7F02; Matt Ries is on the Board of the Directors for the Anacostia Watershed Society; Vincent Morris is on the Board of the Capital Riverfront BID; Vincent Morris is on

the board of the National Cherry Blossom Festival; Vincent Morris rotated off the board of the DC Board of Library Trustees in 2019

13. What has the agency done in the past year to make the activities of the agency more **transparent** to the public?

- We take transparency very seriously at DC Water and are constantly looking for ways to make our work more accessible to the public. As a starting point, we always live stream every Board of Directors meetings and publish all meeting materials and agendas on our website at <https://www.dewater.com/watch-board-meetings>.
 - We post documents frequently requested through the Freedom of Information Act on our website at <https://www.dewater.com/foia>. That includes a list of our employees and the union and non-union pay scales; Board approved resolutions, agendas and meeting minutes; addresses with lead service lines; annual budgets and information on the expenditure of funds. In addition, in response to Council requests, we also now post the outcomes of administrative hearings.
 - This year we have created a new section on our website to share information with customers about the ratemaking process: <https://dcwater.com/ratemaking-process>. The site includes links to the FY2020 approved rates and budget, the FY2021 proposed budget, and a library of related financial documents.
 - This past year the Stakeholder Alliance created by CEO David Gadis recently celebrated its first anniversary. The panel is comprised of individuals and representatives from various organizations across the District. The meetings are an opportunity to provide information to the community and receive feedback regarding water quality, rates and any ideas, thoughts or solutions to improve our services.
 - In spring 2019, our CEO held a series of Town Hall Meetings in all 8 Wards of the District to share proposed changes in how the Clean Rivers Project is funded, and to hear from customers around their concerns. We are now in the process of planning another round of Town Hall meetings to be held this spring in partnership with the ward councilmembers. The primary focus of the meetings will be the 2-year rate setting process.
 - We maintain an Open Data Portal (<https://dcwater.com/open-data-portal>) that gives customers access to key datasets. That includes the status of every fire hydrant in the District; historical data on water main breaks and sanitary sewer overflows; the automated meter replacement program; and our planned capital projects across the city. We upgraded the Portal in 2019 to add additional features and make it more user-friendly.
 - Our Community Outreach Team and other ambassadors from throughout the organization engaged with customers at more than 150 events in 2019. That

included a range of activities from large festivals to small neighborhood block parties, as well as constituent services events hosted by councilmembers. We also held our second Community Expo to inform and educate residents about infrastructure work impacting their communities. We hosted hundreds of visitors for tours of the Blue Plains Advanced Wastewater Treatment Plant, and our education outreach program visited more than 20 schools in the District and provided hands-on lessons, field trips and environmental education events to thousands of students during the school year.

14. How does the agency solicit **feedback** from customers? Please describe.

- What is the nature of comments received? Please describe.
- How has the agency changed its practices as a result of such feedback?
- DC Water solicits feedback from customers through multiple channels and is currently implementing a new continuous customer feedback system that will provide invaluable real-time data on customer satisfaction and help identify opportunities for improvement. That is in addition to the following ways we solicit feedback and engage with customers:
 - Customer Service Center at (202)354-3600
 - 24-hour Command Center at (202) 612-3400
 - Customer Service phone numbers on every customer bill
 - Online comment and Report-A-Problem application
 - Mobile Report-A-Problem form (includes photo upload and GPS location capabilities)
 - Town hall meetings in every ward
 - CEO's Stakeholder Alliance
 - Regular meetings with the Office of the People's Counsel
 - Door-to-door notification of affected addresses before planned construction work
 - Follow-up surveys after major construction work concludes
 - Annual Community Expo to inform customers about construction projects in their neighborhoods
 - Participation in more than 150 community meetings, events and festivals
 - Attending and presenting at ANC meetings across the District
 - Social media including Twitter, Facebook and Instagram
 - Routine monitoring and responses to DC Water mentions in blogs, on social media and in conventional media.
 - Customer satisfaction surveys (conducted in 2015 and 2018)

15. What has the agency done to reduce agency **energy use** in FY 2019? Did the agency's energy use increase or decrease in FY 2019? Please identify how much energy use increased or decreased in terms of kWh and therms, and what percentage increase/decrease that is compared to FY 2018.

- For Blue Plains, in 2018 we used 254,121 MWhrs (67,934 generated onsite at CHP) and in 2019 we used 252,392 MWhrs (67,927 generated onsite at CHP). In 2018 Blue Plains drew 186,187 MWhr from the grid, and in 2019 we drew 184,465 MWhr from the grid, a 1% reduction.

16. Please complete the following chart about the residency of **new hires**:

New Hires Residency Chart

	FY19		FY20	
Position Type	Total Number	DC Residents	Total Number	DC Residents
Continuing	28	4	15	5
Term	5	0	0	0
Temporary	0	0	0	0
Contract				

17. Please provide the agency’s FY 2019 Performance Accountability Report. **NA (per HCM)**

B. BUDGET AND FINANCE

18. Please provide a chart showing the agency’s **approved budget and actual spending**, by division, for FY 2019 and FY 2020, to date. In addition, please describe any variance between fiscal year appropriations and actual expenditures for each program and activity code.

The Approved FY 2019 budget of \$582.7 million was adopted by the Board of Directors on March 1, 2018. Total operating expenditures were below the approved budget by \$12.9 million mainly in debt service (\$6.0 million) and core operations and maintenance (\$6.9 million).

Departments	Approved Budget	(\$000's)	
		Actual Results	Fav/(Unfav)
Waste Water Treatment - Process Engineering	\$7,187	\$6,892	\$295
Maintenance Services	19,567	18,867	700
Water Operations	28,498	26,846	1,652
Sewer Operations	14,342	14,321	21
Clean Rivers	3,046	2,903	143
Engineering & Technical Services	24,791	23,011	1,780
Wastewater Engineering	3,064	1,647	1,417
Permit Operations	2,760	3,192	(432)
Waste Water Treatment - Operations	75,115	77,024	(1,909)
Customer Care	20,340	20,643	(303)
Pumping Operations - (previously Department of Distribution and Conveyance)	51,093	52,466	(1,373)
Sub-total Operations	249,803	247,814	1,989
Office of the Chief Executive Officer	4,301	4,877	(576)
Board Secretary	599	567	32
Internal Audit	940	856	84
Legal Affairs	8,557	6,743	1,814
Marketing and Communications	2,470	2,853	(383)
Information Technology	11,541	11,668	(127)
Finance	16,341	14,853	1,488
Administration Office	578	570	8
Office of Emergency Management	518	959	(441)
People and Talent	8,281	6,495	1,786
Facilities Management	9,615	8,457	1,158
Procurement & Compliance	5,685	5,114	571
Occupational Safety & Health	2,247	1,817	430
Department of Security	7,807	7,742	65
Fleet Management	5,773	6,717	(944)
Sub-total Administration	85,253	80,290	4,963
Total O&M Expenses	335,055	328,104	6,952
Debt Service	199,025	193,035	5,990
Payment in Lieu of Taxes	16,602	16,602	-
Right of Way	5,100	5,100	-
Cash Financed Capital Improvements	26,999	26,999	-
Total Operating Expenditures	\$582,781	\$569,840	\$12,942
Personnel Services charged to Capital Projects	(18,259)	(17,589)	(670)
Total Net Operating Expenditures	\$564,522	\$552,251	\$12,272

Personnel Services: Overall underspending in personnel costs across multiple departments was mainly due to the elimination of aged and hard to fill vacant positions and lower than anticipated employee health benefit costs. Additionally, the underspending was as a result of changes implemented in the hiring process, which required all positions vacant or new to be justified by requesting departments prior to the review and approval by the General Manager & Chief Executive Officer.

Maintenance Services: Underspending mainly in personnel services due to vacancies, and non-personnel costs due to increased insourcing efforts for electrical utilization services.

Water Operations: Underspending mainly in personnel services costs due to the elimination of aged and hard to fill vacant positions and lower than anticipated employee health benefit costs.

Wastewater Treatment Operations: Overspending mainly due to higher than budgeted unit prices for some major chemicals (methanol and sodium bisulfite) and increased flows from the operation of the Tunnel Dewatering Pump Station during rain events. This was partly offset by lower than anticipated unit prices for electricity and energy generation from the Combined Heat and Power (CHP) facility representing approximately 6.4MW or 19% of the Authority-wide usage.

Engineering & Technical Services (DETS): Underspending in personnel services due to high vacancies and lower than anticipated software maintenance costs.

Wastewater Engineering: Underspending mainly in personnel services from high vacancies.

Pumping Operations (aka Department of Distribution & Conveyance): Overspending mainly due to electricity costs and water purchase costs based on DC Water's share of Washington Aqueduct's operating costs and increase in consumption.

Office of the Chief Executive Officer: Overspending for professional services related to the development and implementation of various Strategic initiatives for DC Water's Organizational advancement.

Legal Affairs: Underspending mainly due to lower than anticipated costs for environmental legal matters.

Finance: Underspending mainly due to lower than anticipated costs for insurance premiums, claims and contract support resulting from the delay in the implementation of the new financial system (Enterprise Resource Planning - ERP) project.

Office of Emergency Management: Overspending mainly for personnel services costs that were budgeted in Pumping Operations prior to organizational realignment during the year.

Facilities Management: Underspending mainly in personnel services coupled with lower building maintenance costs resulting from partial year occupancy of the new headquarters building.

Procurement and Compliance: Underspending mainly for training activities associated with the Apprenticeship Program. This is a result of the partnership efforts through a Memorandum of Understanding (MOU) with the District of Columbia Department of Employment Services (DOES) which allowed for the District to cover the cost for participants under the Senior Community Service Employment Program, Summer Facilities Program, and Commercial Driver's License (CDL) Training Program during FY 2019.

People and Talent: Underspending mainly in personnel services due to vacancies, lower than anticipated spending for worker’s compensation, benefits consulting, training and conferences.

Fleet Management: Overspending mainly in contractual services costs for automotive maintenance and repairs resulting from an aged fleet and warranty costs.

FY 2020 Operating Budget

The Approved FY 2020 operating budget is \$614.5 million as adopted by the Board of Directors on April 4, 2019.

At the end of December 2019, operating expenditures (including debt services and the right of way and PILOT fees) totaled \$130.6 million or 21.3% of the approved budget. Total operating expenditures were in line with expectations for the first quarter of fiscal year 2020. These numbers include estimated, incurred but unpaid invoices and are subject to revision in the subsequent months.

The following provides DC Water’s comparative expenditures by major object category through December 31, 2019 of the fiscal year.

Category	FY 2020		
	Approved Budget	Actual (YTD) as of 12/31/2019	Percent of Budget
Personnel Services	\$170,680	\$38,839	22.8%
Contractual Services	81,886	18,919	23.1%
Water Purchases	34,929	7,059	20.2%
Supplies & Chemicals	33,158	7,994	24.1%
Utilities	26,953	5,989	22.2%
Small Equipment	989	218	22.1%
Subtotal O & M Expenditures	\$348,595	\$79,017	22.7%
Debt Service	215,340	46,122	21.4%
Payment in Lieu of Taxes	16,934	4,233	25.0%
Right of Way	5100	1,275	25.0%
Cash Financed Capital Improvements	28,556		0.0%
TOTAL OPERATING	\$614,524	\$130,648	21.3%
Capital Labor	(22,748)	(5,803)	25.5%
Total Net Operating Expenditures	\$591,776	\$124,845	21.1%

19. Please list any **reprogrammings**, in, out, or within, related to FY 2019 or FY 2020 funds.

For each reprogramming, please list:

- The reprogramming number;
- The total amount of the reprogramming and the funding source (i.e., local, federal, SPR);
- The sending or receiving agency name, if applicable;
- The original purposes for which the funds were dedicated;
- The reprogrammed use of funds.

FY 2019 Reprogramming

During FY 2019, a total of \$15 million was reprogrammed within the Authority's approved operating budget to meet operational and maintenance needs as follows:

a) Personnel Services (\$3.7 million):

Interdepartmental reprogrammings were effected within personnel services due to departmental restructurings, and higher overtime costs during the extreme cold season.

b) Non-Personnel Services (\$11.3 million)

Interdepartmental reprogrammings were effected using underspending from within the overall operating budget. Reprogrammings were effected to:

- o Meet required funding for chemicals and electricity due to higher costs than anticipated (\$3.4 million)
- o Pay for water purchases based on DC Water's share of the Washington Aqueduct's operating costs, the established water rate and consumption (\$2.1 million)
- o Meet required funding for alignment of functions arising from departmental restructurings (\$1.1 million)
- o Provide funding to support various programs (\$4.7 million)
 - Maintenance and repairs for equipment and automotive, including custodial supplies, hauling services and emergency plumbing (\$1.7 million)
 - Customer credit card fees due to the increase in on-line bill payment, and additional funding needed for the customer information system subscription & licenses fees, consulting services and temporary staff (\$1.5 million)
 - Organizational Advancement, Procurement Assessment & Design initiatives, and National Green Infrastructure Certification program and other programs (\$0.7 million)
 - Community outreach programs for the CAP campaign, mailing correspondences and signage (\$0.5 million)
 - Software maintenance including cybersecurity operations service (\$0.3 million)

FY 2020 Reprogramming

During FY 2020, a total of \$1.3 million has been reprogrammed through December 31, 2019 within the Board-approved budget for the following:

- Customer outreach programs e.g. Hydrate DC (\$0.3 million)

- Personnel Services costs to establish a new department (CIP Infrastructure Management) based on the updated organizational structure (\$0.9 million)
- Consulting services for the Hazard Mitigation grant support (\$0.1 million)

20. Please provide a complete accounting for all **intra-District transfers** received by or transferred from the agency during FY 2019 and FY 2020, to date, including:

- Buyer agency and Seller agency;
- The program and activity codes and names in the sending and receiving agencies' budgets;
- Funding source (i.e. local, federal, SPR);
- Description of MOU services;
- Total MOU amount, including any modifications;
- The date funds were transferred to the receiving agency. **See Tab 14**

21. Please provide a list of all **MOUs** in place during FY 2019 and FY 2020, to date, that are not listed in response to the question above.

- DC Water serves on the Workforce Investment Council; and Several staff serve on the Advisory Council on Utility Supplier and Workforce Diversity with the Public Services Commission. Mr. Gadis is the Vice Chairman of the Council.
- Memorandum of Understanding between DC Water, Arlington County, Fairfax County Water Authority, and the Department of the Army for Wholesale Water Coordination Agreement.
- Memorandum of Understanding between Army Corps of Engineers and DC WASA re. Sampling, Testing and Analysis of District's Drinking Water.
- Memorandum of Understanding between DC Government, DC Fire and Emergency Medical Services and DC Water for Fire Hydrant Inspection Services.
- Memorandum of Understanding between DC Water and DC Fire and Emergency Services re. Clean Water Tunnel Safety and Emergency Response.
- Memorandum of Understanding between DC Water and the District Department of the Environment for Rain Barrel Program.
- Memorandum of Understanding between DC Water and Central Union Mission Clarifying the Maintenance of Certain Storm Water Structures.
- Memorandum of Understanding between DC Water and the District of Columbia for Payment of PILOT Fees.
- Memorandum of Understanding between Dc Water and the District of Columbia for Payment of Right-of-Way Fees.
- Memorandum of Understanding between DC Water and the D.C. Office of the City Administrator for the Northeast Boundary Neighborhood Protection Projects.
- Memorandum of Understanding between DC Water and Imagine H2O Utility Partnership Program to establish an efficient forum for partner utilities to connect with early-stage innovations vetted by Imagine H2O's Business Plan and Accelerator Program.
- Memorandum of Understanding between DC Water and the Metropolitan Washington Council of Governments (COG) for the Procurement of Water Sampling Services.
- Memorandum of Understanding between DC Water and the Department of Energy and Environment for Stickfoot Branch Stream Restoration & Sewer Rehab (Multi-Year).

- Memorandum of Understanding between DC Water and District of Columbia Transportation for the Construction of Green Alleys as Part of Alley Contract.
- Memorandum of Understanding between DC Water and the Department of Energy and Environment - Spring Valley Stream Restoration & Sewer Rehab (Multi-Year).
- Memorandum of Understanding between DC Water and the District of Columbia and the Office of Deputy Mayor for Planning and Economic Development Regarding DC Water Relocation from the O Street Property.
- Memorandum of Understanding between DC Water and the Department of Public Works and District Department of Transportation for DC Water's Provision of Snow Removal Services for FY 2020 Snow Season
- Memorandum of Understanding between DC Water and the District of Columbia, the Office of the Mayor for Planning and Economic Development, District Department of Transportation, and Department of Consumer and Regulatory Affairs Regarding the Planning, Construction, Operation and Maintenance of Long Term Control Plan (LTCP) Facilities.
- Memorandum of Understanding between DC Water and the Water Environment Federation Regarding the Development and Implementation of a National Green Infrastructure Certification Program.
- Memorandum of Understanding between DC Water and District Department of the Environment Regarding the Long-Term Control Plan Well Permit Reviews.
- Memorandum of Agreement between DC Water and MedStar-Georgetown Medical Center, Inc.
- Memorandum of Understanding between DC Water and the Department of Energy and Environment for Bloom Biosolids Cumulative Risk Study - FY 2019-20.
- Memorandum of Understanding between DC Water and Department of Energy and Environment for CRIAC Relief Programs Fiscal Year 2020
- Memorandum of Understanding between DC Water and the Department of Energy and Environment for Lead Service Line Assistance Replacement Programs Fiscal Year 2020.
- Memorandum of Understanding Between DC Water and Department of Public Works for Salt Cost Reimbursement for FY 2020 Snow Season

Modification No.4 To Memorandum of Understanding Between the District of Columbia Water and Sewer Authority and District of Columbia Office of Unified Communications for Citywide Radio System, Computer-Aided Dispatch, and Mobile Data Computing Services

22. Please identify any **special purpose revenue accounts** maintained by, used by, or available for use by your agency during FY 2019 and FY 2020, to date. For each account, please list the following:

- The revenue source name and code;
- The source of funding;
- A description of the program that generates the funds;
- The amount of funds generated by each source or program in FY 2019 and FY 2020, to date;
- Expenditures of funds, including the purpose of each expenditure, for FY 2019 and FY 2020, to date.

Response: DC Water does not have special purpose revenue accounts.

23. Please provide a list of all projects for which your agency currently has **capital funds** available. Please include the following:

- A description of each project, including any projects to replace aging infrastructure (e.g., water mains and pipes);
- The amount of capital funds available for each project;
- A status report on each project, including a timeframe for completion;
- Planned remaining spending on the project.

A brief summary of the major capital activities and a detailed listing for each project in DC Water's Approved FY 2019 - FY 2028 Capital Improvement Program is found in Section V (page V-5) of the FY 2020 Approved Budget Book.

Below is a link to the document:

https://www.dwater.com/sites/default/files/finance/budgets/2020/section_5_capital_programs.pdf

24. Please provide a complete accounting of all **federal grants** received for FY 2019 and FY 2020, to date, including the amount, the purpose for which the funds were granted, whether those purposes were achieved and, for FY 2019, the amount of any unspent funds that did not carry over.

In FY 2019, DC Water received a total of \$7.4 million in EPA funds for programs under Clean Water Act and Safe Drinking Water Act. In FY 2020 so far, we have received \$177,500 in such funds. The purpose of the funds was to strengthen or improve blue plains waste water treatment facility, water main replacements, storage facilities upgrades, pumping station upgrades.

These are reimbursement grants and we draw down funds only after the vendors have been paid. In FY 2019, there were no unspent funds that did not carry over.

Similarly, we received \$293 thousand in FEMA funds in FY 2019 under Pre-Disaster Mitigation Grant programs. In FY 2020 so far, we have billed \$1.3 million and awaiting payment from the District Homeland Security and Emergency Management Agency. The purpose of these grants is to improve pumping stations, facility walls, etc. to mitigate impact on our continuity of services due to any potential disasters. In FY 2019, there were no unspent funds that did not carry over.

Each year the United States Congress appropriates certain amount of funds to support DC Water's Clean River's Combined Sewer Overflow projects (CSO). In FY 2019, we received \$8 million in such appropriation. There were no unspent funds at the end of FY2019.

	Descriptions	FY 2020	FY 2019	Total
EPA	Clean Water Act Grant Programs	-	\$899,718	\$899,718
EPA	Safe Drinking Water Act Programs	177,500	6,506,400	6,683,900
	Total EPA	\$177,500	\$7,406,118	\$7,583,618
FEMA	Hazard Mitigation Grant Program	111,851	-	111,851
FEMA	Pre-Disaster Mitigation Program	1,214,407	292,593	1,507,000
	Total FEMA	1,326,258	\$292,593	\$1,618,851
Congress	CSO Direct Appropriation	-	8,076,000	8,076,000
	Total CSO	-	\$8,076,000	\$8,076,000
	Grand Total	\$1,503,758	\$15,774,711	\$17,278,469

25. Please list each contract, procurement, lease, and grant (“**contract**”) awarded, entered into, extended and option years exercised, by your agency during FY 2019 and FY 2020, to date.

For each contract, please provide the following information, where applicable:

- The name of the contracting party;
- The nature of the contract, including the end product or service;
- The dollar amount of the contract, including budgeted amount and actually spent;
- The term of the contract;
- Whether the contract was competitively bid or not;
- The name of the agency’s contract monitor and the results of any monitoring activity;
- Funding source;
- Whether the contract is available to the public online.
- **Please see Tab 15**

26. Please provide the details of any **surplus** in the agency’s budget for FY 2019, including:

- Total amount of the surplus;
- All projects and/or initiatives that contributed to the surplus. **DC Water ended fiscal year 2019 with a total budget surplus of \$15.046 million mainly from higher revenues and lower operating expenditures than anticipated in the budget. The Board authorized an allocation of PAYGO of \$4.9 million to the capital program to reduce future borrowing for the capital expenditures for the meter replacement and new financial system projects and a transfer of \$6.0 million to the Rate Stabilization Fund to repay the portion that was withdrawn to create the Customer Assistance Program expansion program called “CAP2.” \$4.146 million was added to the cash balance.**

C. LAWS, AUDITS, AND STUDIES

27. Please identify any **legislative requirements** that the agency lacks sufficient resources to properly implement. **There are no legislative requirements that DC Water lacks sufficient resources to properly implement.**

28. Please identify any statutory or regulatory **impediments** to your agency’s operations or mission. **Water and Sewer Operations Amendment Act of 2002, effective October 1,**

2002 (D.C. Law 14-190, § 3902; D.C. Official Code, § 34-2107 et seq.) prohibits DC Water from charging customers the costs for treating groundwater discharged from improved real property. This results in higher sewer rates for all rate payers to compensate for the lost revenue from the customers that receive free sewer treatment for their groundwater discharges. Revisions to this statute would authorize DC Water to charge for these costs and address equity, compliance and budget issues. DC Water would like to work with the Council to amend this legislation.

The Public Works Act, effective May 18, 1954 (68 Stat. 104, ch. 218; D.C. Official Code 2101 et seq.) sets a 30 day period within which a DC Water customer must pay their bill before they can be charged a 10% late fee. This provision was reasonable and effective when the District/DC Water rendered water and sewer bills on a quarterly basis. Since 2002, however, DC Water has employed the use of automatic meter reading meters and changed the billing period from quarterly to monthly, which is before the 30 day statutory payment period has elapsed. The current statutory payment period prohibits DC Water from including the late fees on the next bill creating customer confusion on the total amount that they owe. In contrast, pursuant to 15 DCMR 305, bills rendered by District Utility, Energy Supplier, or Telecommunications Service Providers must be paid within 20 days after the date their bills are rendered. Shortening the statutory bill payment period for water and sewer bills will improve the effectiveness of DC Water billing processes consistent with DC Water current metering system and other District Utilities. DC Water would like to work with the Council to amend this statute and related legislation.

The Freedom of Information Act, effective Oct. 21, 1968, amended Oct. 22, 2015 (D.C. Law 21-36 § 4063, D.C. Code § 2-534(a)(15)) exempts from disclosure critical infrastructure information for companies regulated by the Public Service Commission. Because DC Water is not regulated by the Public Service Commission, DC Water may not utilize this exemption to withhold from disclosure in response to a FOIA request data or documents containing critical infrastructure information. As a result, DC Water could be required to disclose information which jeopardizes the security of critical water and sewer infrastructure. This risk could be resolved with the addition of the words “and the District of Columbia Water and Sewer Authority” after the word “Columbia” in that paragraph. DC Water would like to work with the Council to amend this statute.

District of Columbia Water and Sewer Operations Amendment Act of 1990, amended Mar. 30, 2004, D.C. Law 15-132, § 2, 51 DCR 1804, D.C. Code § 34-2407.02, gives DC Water a continuing lien on property until all water and sewer charges are paid in full. However, D.C. Code § 47-1340(b) requires that when DC Water certifies its lien to OTR, “the taxing agency shall file with the Recorder of Deeds a Notice of Converted Real Property Tax releasing the prior lien as of the date of certification.” A lien cannot be continuing if it has been released. OTR collects only that portion of the charges that are certified in the Converted Real Property Tax Certificate. D.C. Code §47-1382(c) makes clear that “[t]he purchaser shall pay all amounts that would be required of a person redeeming under § 47-1361.” The purchaser’s interest then is only subject to those items under §47-1382(a) --- namely a lien of a taxing agency recorded at the Recorder of Deeds. OTR has taken the position that a new lien would need to be filed for any water sewer charges that are accrued

after filing a Converted Real Property Tax Certificate for water and sewer charges and OTR is not responsible for collecting such charges. As the lien is released while OTR transfers title to the property to the purchaser at a tax sale and a judgment subsequently entered, it causes confusion as to the responsibility of the charges that have accumulated between the time the Converted Real Property Tax Certificate is filed and the title is transferred to a purchaser. DC Water would like to work with the Council to amend this statute to make it clear all charges to the date of the payment should be collected by OTR.

Underground Facility Protection Act of 1980, effective March 4, 1981, D.C. Law 3-129; D.C. Official Code § 34-2701 *et seq.*, only authorizes the owner of the underground facility as the party that has the right to seek damages for treble the costs to repair or replace the damaged underground facilities. In accordance with the District of Columbia Water and Sewer Authority Establishment Act of 1995 (“The Establishment Act”), the Mayor transferred all assets required by and necessary for DC Water to maintain, repair, operate, extend, enlarge, investigate design, construct, and improve the water distribution and sewage collection, treatment, and disposal systems. The Establishment Act effectively granted DC Water usufructuary rights to these assets, the District retained full legal title to, and complete equitable interest in, all assets, made available for the DC Water’s use.

In the case, *District of Columbia Water and Sewer Authority v. First Hand Land, LLC*. (Case NO. 2016 CA 00187 B), DC Water sought to recover \$3 Million in damages to its sewer system and razing costs when a building was built over a critical infrastructure. The Defendant argued that DC Water did not have rights to seek damages under the UFPA because that Act only grants those rights to the owner of the facilities, which they claimed was the District Government. Consequently, only the District could seek such damages. In DC Water’s motion opposing summary judgement, DC Water included a Declaration filed for the Office of the Attorney General, dated October 31, 2017. In that Declaration, the Attorney General for the District of Columbia affirmed DC Water’s right to prosecute to recover damages in our own name under D.C. Official Code § 34-2707. Based on the District’s Declaration, the Court affirmed that the District effectively ratified DC Water’s right to bring the suit and seek damages in our own name. However, on February 14, 2019, the Court granted the Defendant’s motion for reconsideration. The Court has not ruled on DC Water’s Motion for Summary Judgement and Parties are in negotiations, it remains uncertain whether the Courts will permit DC Water to stand in the shoes of the District to assert its rights to recover costs incurred and suffered to maintain the District underground water and sewer facilities. The Council introduced B23-0117 on February 4, 2019, and DC Water offered amendments to strike the word “owner” and insert the phrase “owner (or DC Water, in the case of water, sewage, or drainage underground facilities)” to make it clear that the DC Water has rights to protect the District’s underground water facilities. However, the amendments to the UFPA was not enacted. DC Water would like to work with the Council to enact this amendment.

29. Please list all **regulations** for which the agency is responsible for oversight or implementation. Where available, please list by chapter and subject heading, including the date of the most recent revision.

Title 21 Water and Sanitation		
Chapter No.	Subject Heading	Last Revision
Chapter 1	Water Supply	08/19/2019
Chapter 2	Public Sewer System	06/18/1999
Chapter 3	Water Meters	01/24/2003
Chapter 4	Contested Water and Sewer Bills	08/19/2019
Section 556	Stormwater Fees	10/29/2010
Chapter 15	Discharges to Wastewater System	02/01/2018
Chapter 40	Retail Ratemaking	05/02/1997
Chapter 41	Retail Water and Sewer Rates and Charges	10/01/2019
Chapter 52	D.C. Water and Sewer Authority Personnel Regulations	06/20/2008
Chapter 53	District of Columbia Water and Sewer Authority Procurement Regulations	09/18/2009
Chapter 54	Cross Connection	02/23/2001

30. Please explain the impact on your agency of any **federal legislation or regulations** adopted during FY 2019 that significantly affect agency operations or resources. **DC Water is not aware of any federal legislation or regulations that were enacted during FY 2019 that significantly affected DC Water’s operations or resources.**
31. Please provide a list of all **MOUs** in place during FY 2019. **Please see response to question 21.**
32. Please provide a list of all studies, research papers, and analyses (“**studies**”) the agency requested, prepared, or contracted for during FY 2019. Please state the status and purpose of each study. **Long Term Corrosion Prevention Program – Potomac Interceptor 2019. Long Term Corrosion Prevention Program and Sewer Processing Model (WATS Model) • Procurement Assessment. Dec 2018-Mar 2019. Status: Complete, implementation underway. The objective of this assessment was to enhance our procurement capabilities and align ourselves to best practices for a transparent and collaborative process designed to increase value, manage risk, and address customer affordability. The assessment’s recommendations were adopted and are being implemented with an expectation to complete a procurement transformation by the end of FY 2020. Meter to Cash Assessment. Dec 2018-Feb 2019. Status: Complete, implementation underway. This effort assessed existing processes and identified improvement opportunities to enhance customer service, improve operational efficiency, and reduce risk along the meter-to-cash lifecycle. Many of the highest opportunity recommendations were adopted and are currently being implemented, including the ongoing effort to improve AMI penetration anticipated for completion this spring. Also CIP Financial Management assessment. A security assessment through AECOM. A Permit processes assessments also by AECOM and a Blue Drop assessment by Amane. Further, DC Water presented at the following papers: Chesapeake Tri-Association Conference - Flushing of Premise Plumbing After Full Lead Service Line Replacements: Field Studies in Washington, D.C. Chesapeake Tri-Association Conference - Investigating**

Water Quality and Microbiological Parameters Related to the DC Water Free Chlorine Disinfection Period; AWWA Annual Conference ANSI/AWWA C810-17 - Replacement and Flushing of Lead Service; AWWA Water Quality Technical Conference - Assessing effectiveness of flushing program in improving microbial water quality with the flow cytometry method (FCM).

33. Please list and describe any ongoing **investigations**, audits, or reports on your agency or any employee of your agency, or any investigations, studies, audits, or reports on your agency or any employee of your agency that were completed during FY 2019 and FY 2020, to date. **OIG Project No. 18-1-04LA: DC Water's Procedures for Monitoring Lead in Drinking Water Could Be Improved, issued April 2019.**
34. Please identify all **recommendations** identified by the Office of the Inspector General, D.C. Auditor, or other federal or local oversight entities during the previous 3 years. Please provide an update on what actions have been taken to address these recommendations. If the recommendation has not been implemented, please explain why. **DC Water received recommendations from the Office of the Inspector General under OIG Project No. 18-1-04LA. Below is a list of the recommendation and implementation status. DC Water did not receive recommendations from the D.C. Auditor, or other federal or local oversight entities.**

	DC OIG Project No. 18-1-04LA Recommendations	Current Status (Implemented, In-progress or Not Started)
1	Develop a plan to identify the unknown pipe materials within the water distribution system.	Implemented
2	Correct the service line information discrepancies in service line materials to ensure transparency, consistency, accuracy, and completeness of the best available information for customers and stakeholders.	Implemented
3	Develop a plan to increase water testing participation in areas not regularly part of the LCR sample testing.	Implemented
4	Use DC Water staff to collect samples or guide customers who collect LCR water samples.	Implemented
5	Develop additional controls to periodically validate test results received from the Aqueduct.	Not Applicable - As reported in our response to the draft Audit report, dated March 13, 2019 for OIG Project No. 18-1-04LA, DC Water disagreed that additional controls are necessary to validate the Washington Aqueduct test results, because the existing EPA Drinking Water Laboratory Certification process addresses this recommendation. Consequently, any additional controls that DC Water would implement would be redundant, and fiscally wasteful. DC Water agreed to review the tri-annual audit report for the Washington Aqueduct Laboratory to ensure that they address any issues of concern raised in that report.
6	Develop a plan to accelerate the rate of lead service line replacements.	Implemented
7	Develop a process or procedure to follow-up on outstanding customer requests for lead service line replacement, including the 255 customers currently on the list.	Implemented
8	Determine a funding source to provide DC Water customers assistance with replacing their lead service lines on private property.	Implemented
9	Conduct a feasibility study to introduce market-based opportunities to replace lead service lines	Not Applicable - As reported in the response to the draft Audit report, dated March 13, 2019 for OIG

9	<p>Conduct a feasibility study to introduce market-based opportunities to replace lead service lines when homes are sold and/or renovated, and report the results to the District.</p>	<p>Not Applicable - As reported in the response to the draft Audit report, dated March 13, 2019 for OIG Project No. 18-1-04LA, DC Water disagreed with this recommendation because it is outside of DC Water's statutory authority. In that response, we referred OIG to DC Law 22-0241, <i>Lead Water Service Line Replacement and Disclosure Amendment Act of 2018</i>, effective March 13, 2019, which includes two provisions that have a direct impact on facilitating opportunities to replace lead water service lines when homes are sold or renovated by providing lead water disclosure information to tenants and prospective property purchasers. This is accomplished through: 1) the Mayor's lead disclosure form requirement for tenants, and 2) the Residential Real Property Seller Disclosure requirements for purchasers. This information includes, but is not limited to: a) lead water test results, b) lead-bearing plumbing including lead water service line, c) lead water service line replacement; and d) for tenant's lead-in-water warning statement.</p> <p>The disclosure of this information will have a direct impact on spurring opportunities to replace lead service lines when homes are rented, sold or renovated.</p> <p>The Department of Energy & Environment is statutorily responsible for developing and enforcing lead disclosures to tenants, and the Department of Consumer and Regulatory Affairs is responsible for the lead disclosures to prospective purchasers.</p>
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35. Please list any **reporting** requirements required by Council legislation and whether the agency has met these requirements.

- Pursuant to D.C. Official Code § 34-2202.05(c), DC Water submits Annual Financial Report to Mayor and Council of the District of Columbia and has met this requirement.
- Pursuant to D.C. Official Code 46-226.06, DC Water submits a New Hire Report to District of Columbia New Hire Registry and has met this requirement.
- Pursuant to D.C. Official Code 34-2202.05(d), DC Water submits an Annual Audit Report to Mayor, CFO and Council of the District of Columbia and has met this requirement.

36. Please list all pending **lawsuits** that name the agency as a party, and provide the case name, court where claim was filed, case docket number, and a brief description of the case.

A. Pending lawsuits (Torts, Breach of Contract and Employment) involving DC Water:

4318 H Street, SE, LLC c/o: Montero Law Group, LLC v. DC Water, 2019 CA 004690 B (D.C. Sup. Ct., filed July 17, 2019), is a property damage claim. Plaintiff alleges that DC Water, without authorization or permission, resumed water services, which allowed water to flow causing damages. Plaintiff seeks \$47,000 in damages.

Atiyeh v. DC Water, 2018 CA 008900 B (D.C. Sup. Ct., filed Jan. 2, 2019), is an employment discrimination claim. Plaintiff, a former DC Water employee, alleges gender discrimination and retaliation in violation of the District of Columbia Human Rights Act and District of Columbia Whistleblower Act. Plaintiff seeks \$5,000,000 in damages.

Bennett v. DC Water, 2019 CA 002454 B (D.C. Sup. Ct., filed Apr. 15, 2019), is a personal injury claim. Plaintiff alleges that while exiting her car, she stepped into an unsecured water meter located at or near 1717 Trinidad Avenue, NW, WDC. As a result, Plaintiff alleges that she sustained serious injuries to both of her legs and feet, suffered and will suffer great pain of body and mind, incurred and will incur medical and out-of-pocket expenses, as well as missed wages. Plaintiff demands \$90,000 in damages.

Brown v. DC Water, 2018 CA 006785 B (D.C. Sup. Ct., filed September 24, 2018), is an employment discrimination claim. Plaintiff alleges race discrimination, gender discrimination, and retaliation in violation of the District of Columbia Human Rights Act. Plaintiff also asserts a claim for violation of the District of Columbia Whistleblower Act. Plaintiff seeks \$5,000,000 in damages.

Brown v. DC Water, 2018 CA 008548 B (D.C. Sup. Ct., filed Dec. 13, 2018), is a personal injury claim. Plaintiff alleges that she stepped on a water meter cover that gave way and she fell into the water meter hole located at or near 628 Rhode Island Avenue, N.E. Plaintiff claims that as a result of the fall she sustained serious and painful injuries to her arm, leg, and knee, underwent medical treatment, lost wages, and experienced pain and suffering. Plaintiff demands \$100,000 in damages.

Chubb Corp. f/k/a/ Fireman's Fund Insurance v. DC Water, 2018 CA 004699 C (D.C. Sup. Ct., filed Apr. 4, 2018), is a subrogation claim. Plaintiff insurer alleges that its insured sustained substantial property damage when a July, 2015, meter change out allegedly caused a flood. Plaintiff seeks \$89,113.71 in damages.

Cranor v. DC Water, 2019 CA 007792 B, (D.C. Sup Ct., filed Nov. 26, 2019), is a personal injury claim. Plaintiff alleges that in early January 2017, "the roadway encompassing the 2500 block of Pennsylvania Avenue, S.E., was in a dangerous condition for motorists and cyclists" and the street was in disrepair, and in a dangerous condition, partly due to a water main break in this area." The Plaintiff alleges, on January 10, 2017, while riding his bicycle home from work he lost control of his bicycle and was "violently propelled forward, over the handle bars, landing face-first in the street". Plaintiff further alleges that as a result of DC Water's negligence, he "was taken to the hospital wherein he was diagnosed with several injuries including a broken arm, broken nose, broken teeth and other related damages. Plaintiff demands \$2,000,000 in damages.

Davis v. DC Water, 2018 CA 006784 B (D.C. Sup. Ct., filed September 27, 2018), is an employment discrimination claim. Plaintiff alleges race discrimination and retaliation in violation of the District of Columbia Human Rights Act. Plaintiff also asserts a claim for violation of the Family Medical Leave Act. Plaintiff seeks unspecified monetary damages.

DC Water v. Armed Forces Retirement Home, No.1:18-CV-00049-JEB (D.D.C. filed January 9, 2018), is a breach of contract case brought by DC Water against the Armed Forces Retirement Home. DC Water alleges that the AFRH failed to pay sewer charges from 2004 to present in excess of \$8 million dollars. DC Water seeks \$15 million in damages.

DC Water v. First Hand Land, 2016 CA 000187 (D.C. Sup. Ct., filed Jan. 18, 2016), is a property damage case brought by DC Water against project developers, the permit expeditors and others to recover damages to a trunk sewer where a condo was constructed over it and caused approximately \$3 million in damages. DC Water also incurred approximately \$400,000 in damages razing the building. DC Water asserts that the project developers and permit expeditors neglected to get DC Water's approval before issuing permits. DC Water seeks \$3 million in damages. The developers have counterclaimed against DC Water for allegedly wrongfully razing the building.

Duma v. DC Water, 2019 CA 008384 B (D.C. Sup. Ct., filed Dec.15, 2017), is a case brought by a DC Water customer (Plaintiff) against DC Water in D.C. Superior Court. Plaintiff filed a lawsuit to dispute her current charges for water services for her property located at 1840 Massachusetts Ave., SE, WDC. Her current water and sewer charges total \$2,737.13. This total includes past due balances as well as current charges.

Edge v. DC Water, 2016 CA 000187 B (D.C. Sup. Ct., counterclaim filed Oct. 24, 2016). DC Water seeks recovery for damages to the Northeast Branch Tunnel Sewer where a condo was constructed over it, causing roughly \$3.0 million in damages to the sewer. DC Water also incurred approximately \$400,000 in damages razing the building. We sued the project developers, including Edge, and others. In this Counterclaim, Edge alleges an illegal "taking" of its property by DC Water and a violation of its due process rights. Plaintiff's demands \$15,000 in damages.

Edge v. DC Water, 1:17-cv-000621 (D.D.C., filed Apr. 6, 2017), is a suit nearly identical to the Superior Court action. Edge seeks recovery for damages resulting from DC Water's demolition of a condo constructed over the Northeast Branch Tunnel Sewer. Edge alleges an illegal "taking" of its property by DC Water and a violation of its due process rights. Edge seeks damages of not less than \$3 million and punitive damages of \$2 million and other costs.

Gonzalez-Garcia v. DC Water, 2018 CA 004262 B (D.C. Sup. Ct., filed June 4, 2018), is a personal injury claim. Plaintiff alleges that he sustained serious and permanent bodily injuries when he stepped on a meter cover located in the tree space of 3929 4th Street, N.E., and fell into the meter hole. Plaintiff alleges that there had been numerous complaints regarding the cover, and DC Water failed to respond prior to the incident. Plaintiff demands \$500,000 in damages.

Henderson v. DC Water, 2019 CA 002484 B (D.C. Sup. Ct., filed Apr. 16, 2019), is a personal injury claim. Plaintiff alleges that while walking to her car at or near 1701 Lawrence Street, N.E., WDC 20018, she stepped into an unsecured water meter and her left leg slid into the hole, causing serious bodily injury. Plaintiff demands \$150,000 in damages.

Howard v. DC Water, 2019 CA 003120 B (D.C. Sup. Ct., filed May 11, 2019), is a personal injury claim. Plaintiff alleges on May 13, 2016, his leg fell into a unsecured water meter cover, causing him to sustain serious personal injury while walking across the grassy area between the curb and sidewalk in front of 55 Gallatin Street, NW, due to DC Water's failure to properly maintain and/or repair water meter cover and pit. Plaintiff seeks \$1,000,000 in damages.

Hudgens v. DC Water, 2018 CA 008151 V (D.C. Sup. Ct., filed Nov. 20, 2018), is a personal injury and personal property claim. Plaintiff alleges that on or about August 9, 2016, Defendant Zambrano (operating a vehicle owned by Fort Myer), stuck and collided with the Plaintiff. Further, Plaintiff alleges that her injuries "were caused solely and proximately by Defendant Fort Myer and/or Defendant WGL and/or Defendant Washington Gas Light and/or Defendant DC WASA, without any contributory negligence on the part of Plaintiff."

Hughes v. DC Water, 2014 CA 005573 B (D.C. Sup. Ct., filed Sept. 10, 2013), is a personal injury claim. Plaintiff alleges that on June 3, 2013, he lost control of his scooter in loose gravel at the intersection of 14th & E Streets, N.W., where DC Water was previously doing work and sustained serious injurious. Plaintiff seeks \$5 million in damages.

Johnson v. DC Water. 2019 CA 005952 B (D.C. Sup. Ct., filed Sept. 20, 2019), is a personal injury complaint. Plaintiff alleges that on or about October 17, 2016 while walking on 19th Place, NE, she "stepped on the unsecured cover and fell into the Water/Sewage/ Utility Hole." Plaintiff alleges that as a result of the accident, she sustained permanent bodily injuries which have caused and will continue to cause mental and physical pain and suffering," and "incurred and will continue to incur medical, therapeutic and related expenses as a result of those injuries." Plaintiff demands \$750,000 in damages.

Kimberly-Clark Corporation v. District of Columbia et al, 1:17-cv-01901 (D.D.C., filed Sept. 15, 2017), is a case brought by the Kimberly-Clark Corp., (Plaintiff) against DC Water and others, alleging constitutional violations of the First Amendment, Fifth Amendment, and Commerce Clause, as well as alleged violation of the Declaratory Judgment Act, relating to legislation passed by the DC Council in December 2016 requiring disposable wipes to meet certain test and labelling standards. Plaintiff seeks injunctive relief and attorneys' fees.

Lewis v. DC Water, 2019 CA 007274 B (D.C. Sup. Ct., filed Nov. 4, 2019), is a personal injury complaint. Plaintiff alleges that she was "walking in the vicinity the utility hole when she stepped into an improperly secured utility hole. Further, Plaintiff alleges that the incident occurred because employees and/or agents of the Defendant negligently failed to properly maintain and/or inspect the utility hole cover, failed to adequately secure the utility hole cover, failed to warn and otherwise were negligent". As a result, she alleges that she "suffered and will continue to suffer physical and mental injury, with accompanying pain and suffering. In addition, she has incurred and will continue to incur medical expenses and other economic loss". Plaintiff demands \$25,000 in damages.

Lucas v. DC Water, 2019 CA 001238 V (D.C. Sup. Ct., filed Feb. 27, 2019), is both a personal injury and property damage claim. Plaintiff alleges that she and defendant were negotiating a turn in the 1600 block of Kenilworth Ave., NE when the defendant struck her vehicle causing damages to both vehicles and injuries to the her. Plaintiff demands \$50,000 in damages.

Major v. DC Water, 2019 CA 006142 B (D.C. Sup. Ct., filed Sept. 18, 2019), is a personal injury claim. Plaintiff alleges that on or about October 25, 2016 while walking to her car parked at or near 4865 Queens Chapel Terrace, NE, "she stepped onto an unsecured water meter causing her to fall." Further, Plaintiff alleges that as a result of DC Water's negligence, she "sustained injury to all parts of her body suffered and will suffer great pain of body and mind, and incurred and will incur medical and out-of-pocket expenses, as well as missed wages." Plaintiff demands \$150,000 in damages.

Manigan v. DC Water, 2019 CA 000976 B (D.C. Sup. Ct., filed Feb. 13, 2019), is a personal injury claim. Plaintiff alleges that as she was exiting her vehicle near her residence located at 4116 Ames Street, NE, Washington, DC, she stepped onto a defective water meter cover which was flipped over, causing her left leg to become stuck as she fell to the ground. As a result, Plaintiff alleges that she sustained serious injuries to both of her legs and feet, suffered and will suffer great pain of body and mind, incurred and will incur medical and out-of-pocket expenses, as well as missed wages. Plaintiff demands \$40,000 in damages.

Mata v. DC Water, 2019 CA 002717 B (D.C. Sup. Ct., filed Apr. 25, 2019), is a personal injury complaint. Plaintiff alleges that while walking down the sidewalk at or near 840 Varnum Street, NW, she tripped due to an unmarked utility pipe that was protruding from the sidewalk, resulting in significant bodily injuries, including, but not limited to, the fracture of her left elbow. Plaintiff demands \$2,000,000 in damages.

McCutchen v. DC Water, 2019 CA 004600 B (D.C. Sup. Ct., filed July 16, 2019), is a personal injury complaint. Plaintiff alleges that on or about January 9, 2018 while walking at or near 1323 Irving Street, a "large construction water hose quickly, violently, and radically with great force shoot and quickly hit her." Plaintiff demands \$6,000,000 in damages.

Miller v. DC Water, 1:17-cv-00840 (D.D.C., filed May 17, 2017), is a property damage and contamination case brought by District of Columbia residents (Plaintiffs) against DC Water, alleging that DC Water caused untreated sewage, and contaminated drinking water to enter their respective homes as a result of a water main break on November 18, 2016 at or near Delafield Place, N.E. The residents also assert environmental, civil rights and trespass claims in their Complaint. Plaintiffs made no monetary demand.

Montague v. DC Water, 2019 CA 002477 B (D.C. Sup. Ct., filed Apr. 16, 2019), is a personal injury claim. Plaintiff alleges that "while operating a WMATA bus on 18th Street NW at or near the interception with E Street in Washington, DC", she suffered "significant injuries" when a "sewer erupted underneath" the bus she was operating. Plaintiff demands \$5,000,000 in damages.

Moore v. DC Water, 2018 CA 001365 B (D.C. Sup. Ct., filed Feb. 27, 2018), is a employment discrimination claim. Plaintiff has alleged violations of the DC HRA for disparate treatment discrimination (race, sex), hostile work environment (race, sex), and retaliation. Plaintiff has also alleged a violation of 42 U.S.C. Sec. 1981 (discrimination in the making of contracts). Plaintiff made no monetary demand.

Moore-Warren v. DC Water, 2016 CA 006511 V (D.C. Sup. Ct., filed Mar. 13, 2017 (Third-Party Complaint filed on Mar. 7, 2018), is a personal injury complaint. Plaintiff alleges injury when her vehicle struck a pothole at or near 1754 Lanier Place, N.W. The District of Columbia, a co-defendant, in the lawsuit cross-claimed DC Water and alleged that DC Water was on notice of a damaged manhole cover. Based on the District's assertions, Plaintiff filed an amended complaint to add DC Water to the case. Plaintiff seeks \$500,000 in damages.

Neal v. DC Water, 2019 CA 007597 B (D.C. Sup. Ct., filed Nov. 19, 2019), is a personal injury complaint. Plaintiff alleges that she "stepped into" an open water meter cover. Plaintiff alleges that as a result of DC Water's negligence, she "has suffered and continues to experience pain, suffering and emotional anguish ... substantial medical expenses and loss of wages". Plaintiff demands \$500,000 in damages.

Norair Engineering Corp. v. DC Water, 16-CV-01585 (D.D.C., filed Aug. 4, 2016), is a bid protest case brought by a company (Plaintiff) against DC Water, alleging that DC Water violated the Equal Protection Clause when DC Water treated EPA's Fair Share Objectives like quotas, thus resulting in it not winning a contract for the upgrade of a Blue Plains wastewater pump station.

Payne v. DC Water, 2019 CA 000504 B (D.C. Sup. Ct., filed Jan. 28, 2019), is a personal injury complaint. Plaintiff alleges that she "stepped on a manhole cover, which gave way, causing her to fall to the ground and suffer injury" in front of 3929 4th Street SE. Plaintiff demands \$75,000 in damages.

PEPCO v. DC Water, 2018 CA 007074 B (D.C. Sup. Ct., filed Oct. 4, 2018), is a property damage case. Plaintiff alleges that its vault and underground lines were damaged as a result of a sewer back up. Plaintiff alleges \$34,146.05 in damages.

Poland v. DC Water, 1:16-cv-2031 (TST) (D.D.C., filed Oct. 11, 2016), is an employment discrimination and retaliation claim. Plaintiff, a DC Water employee, alleges employment discrimination and retaliation from 2007-present. Plaintiff asserts claims for race discrimination (Count I), hostile work environment (Count II), and retaliation (Count III) in violation of the DCHRA. Plaintiff also asserts common law claims for negligent infliction of emotional distress (Count IV), intentional infliction of emotional distress (Count V) and a violation of 42 U.S. 1983 (Count VI). Claims arise out of disciplinary action taken against Plaintiff due to altercations with coworkers. Plaintiff demands \$50,000 in damages.

Seeney v. DC Water, 2019 SC3 008246 (D.C. Sup. Ct., filed Nov. 21, 2019), is a personal injury complaint. Plaintiff alleges that while walking in front of 827 51st St., NE, Washington, DC 20019 she stepped on a round, metal, DC Water meter plate between the curb and side walk. Plaintiff alleges that the plate flipped upward, which caused her leg to be wedged in between the plate and the ground. As a result, Plaintiff alleges that she suffered injuries to her left foot, ankle, leg and knee. Plaintiff demands \$10,000 in damages.

Sescoe v. DC Water, No. 14-358-P (CN); EEOC Charge No. 570-2013-01599 (July 3, 2013), is an employment discrimination (EEOC) case brought by a DC Water employee against DC Water in the DC Office of Human Rights alleging race discrimination by his (white, Hispanic) and retaliation for complaining about his performance evaluation by his supervisors. The DC Office of Human Rights found reasonable cause, disputed by DC Water. Conciliation failed and the matter has been certified for a de novo hearing before the DC Human Rights Commission. Plaintiff's last settlement demand was \$200,000.

Solomons v. DC Water, 2019 CA 007808 B (D.C. Sup. Ct., filed Nov. 26, 2019), is a personal injury complaint. Plaintiff alleges while riding an eclectic scooter on Rhode Island Avenue, "the scooter struck a hole in the roadway" causing him to "fall and suffer serious and permanent personal injuries." Plaintiff demands \$1,000,000 in damages.

State Farm Insurance Company v. DC Water, 2017 SC3 003727 (D.C. Sup. Ct., filed Apr. 4, 2018) is a subrogation claim. Plaintiff's insurer is seeking reimbursement of monies paid to its insured property owner for damage allegedly at 1246 Delafield Place, N.E., and caused by a water main break that caused sewage to back up into the insured's home. Plaintiff is seeking \$9,517.05.

State Farm Insurance Company v. DC Water, 2018 CA 002481 C (D.C. Sup. Ct., filed Apr. 4, 2018) is a subrogation claim. Plaintiff insurer is seeking reimbursement of monies paid to its insured property owner for damage allegedly at 1250 Delafield Place, N.E., and caused by a water main break that caused sewage to back up into the insured's home. Plaintiff is seeking \$34,293.75.

State Farm Insurance Company v. DC Water, 2018 SC3 007879 (D.C. Sup. Ct., filed Sept. 25, 2018) is a subrogation claim. Plaintiff insurer is seeking reimbursement of monies paid to its insured property owner for damage allegedly at 1231 Delafield Place, N.E., and caused by a water main break that caused sewage to back up into the insured's home. Plaintiff is seeking \$10,000.

Stewart v. DC Water, 2019 CA 003933 B (D.C. Sup. Ct., filed June 20, 2019), is a personal injury complaint. Plaintiff alleges that on or about July 6, 2016 while crossing over the sidewalk in the 4400 block of Edson Place, NE, she fell in a defective manhole/water meter cover. Plaintiff further alleges that as a result of DC Water's negligence she sustained bodily injury which resulted in medical care and medical expenses, lost wages, pain, suffering and inconvenience. Plaintiff demands \$25,000 in damages.

Thacker v. DC Water, 2018 CA 006893B (D.C. Sup. Ct., filed May 17, 2019), is a personal injury complaint. Plaintiff alleges that she fell while walking down the sidewalk on 10th Street, NW (at or near the corner of 10th & F Street, NW) due to sidewalk being uneven. Plaintiff further alleges that due to Defendant's negligence, she "suffered bodily injuries that have caused, and will continue to cause, physical and mental and suffering for the rest of her life." Plaintiff demands \$2,000,000 in damages.

Tuner v. DC Water, 2019 CA 007679 B (D.C. Sup. Ct., filed Nov. 20, 2019), is a personal injury complain. Plaintiff alleges that on or about January 19, 2017, she "stepped on and fell into a Water/Sewage/Utility Hole". Plaintiff alleges that she "sustained permanent bodily injuries which have caused and will continue to cause mental and physical pain and suffering". Plaintiff demands \$500,000 in damages.

Zelaya v. DC Water, 17-CV-411 (D.C. Ct. of Appeals, filed Apr. 3, 2017), is a personal injury action brought by a construction foreman (Plaintiff/Appellant) employed by a District of Columbia Department of Transportation (DDOT) contractor, who was working on a DDOT roadway project near Riggs Road and South Dakota Ave, N.E., and received severe electrical burns and other injuries when a boom truck boom hit an overhead electrical cable on September 16, 2010. A DC Water Safety Inspector was on the project site when the incident occurred. Plaintiff/Appellant demands \$12 Million in damages.

A. Receivership Cases

Agency	Receivership File/ Project Name	Case/Matter No.	Petition Filed	Delinquent Amt.
DC Water	<i>Bruce Gardents LLC</i>	84353-2	2/23/2018	\$16,718.81

B. Tax Lien Foreclosure Cases - Total amount owed is determined at time of filing of Certificate of Delinquency.

Agency	Tax Lien File/Project Name	Case/Matter No.
DC Water	Tidewater Assets LLC v. Elizabeth D. Lunsford, et	2017 CA 003470
DC Water	Tidewater Assets LLC v. Estate of Harriet Anderson	2017 CA 003479
DC Water	Tidewater Assets LLC v. Carl Sydnor, et al.	2017 CA 003478
DC Water	Come on Dover LLC v. Havilah Real Property Service	2017 CA 002483
DC Water	First DC Liens LLC v. Estate of John Edward Wesley	2017 CA 002565
DC Water	First DC Liens LLC v. Bessie Spence, et al.	2017 CA 002686
DC Water	First DC Liens, LLC v. Natco Developers, Inc et al	2017 CA 002562
DC Water	First DC Liens, LLC v. The Terraces Homeowners As	2017 CA 002690
DC Water	First DC Liens, LLC v. Lawrence T. Weiss, et, al	2017 CA 002390
DC Water	First DC Liens, LLC v. Havilah Real Property Serv	2017 CA 002620
DC Water	First DC Liens LLC v. WEICO Properties, et al.	2017 CA 002390
DC Water	First DC Liens LLC v. Emory J. West, et al.	2017 CA 002608
DC Water	District Properties.com Inc v. The Unknown Person	2018 CA 002494
DC Water	City Trends Development, LLC v. Georgia Ann Hendr	2017 CA 003138
DC Water	1214 Euclid LLC v. Estate of Ruby Mae Queen	2018 CA 001541
DC Water	Tidewater Assets, LLC v. James H. DeVore	2018 CA 002150
DC Water	Tidewater Assets, LLC v. Warner 422, LLC	2018 CA 002154
DC Water	Wells Fargo Bank, N.A. v. Castro, Julian et al	2016 CA 008231
DC Water	Tyche 401K Trust v. Anne Walker a/k/a Anne S. Brad	2017 CA 001502
DC Water	Xu, Kangming v. Manna, Inc. et al.	2016 CA 003990
DC Water	Sharon Cruickshank v. Wells Fargo Bank, N.A. et al	2017 CA 003609
DC Water	S&S INVESTMENTS v. Dianne E. Young	2017 CA 00373

Agency	Tax Lien File/Project Name	Case/Matter No.
DC Water	MTAG as Custodian for ATCF II DC LLC v. Douglas Re	2017 CA 005474
DC Water	Equity Trust Company v. Unknown Personal Represent	2010 CA 006188
DC Water	ACT REALTY LLC v. Ruth H. Lawrence, et al.	2016 CA 003005
DC Water	Nebraska Alliance Realty Company v. Gail Wright Si	2017 CA 001648
DC Water	3116 G STREET SE LLC v. Estate of Reuben E. Waugh,	2016 CA 005306
DC Water	MTAG Custodian for Empire Tax Fund VII v. DC et al	2015 CA 006335
DC Water	S & S Investments, LLC v The Unknown Personal Repr	2013 CA 004400
DC Water	Wells Fargo vs. Keith James	2015 CA 002544
DC Water	Aisha Sikder vs. Karen Spurgeon, Personal Represent	2018 CA 002558
DC Water	Momtaz Farooque vs. Alice G. Hicks et al	2018 CA 002610
DC Water	Jung Kim	2018 CA 003472
DC Water	Jeremy Benjamin- Young v. DC Water	2018 CA 002690
DC Water	District Properties.com Inc v. DC Water	2018 CA 002680
DC Water	Aisha Sikder vs. Juanita M. Montague, et al.	2018 CA 002543
DC Water	Yasmine Sikder v. Michael J. Payne et al.	2018 CA 002601
DC Water	District Properties.com Inc v. William James Rect	2018 CA 002682
DC Water	Tyche 401K Trust v. Steven Weinberg, Successor Per	2018 CA 002731
DC Water	Tyche 401K Trust v. Natco Deveopers, Inc	2018 CA 002738
DC Water	Jung Kim v. Isaac C. Smith et al.	2018 CA 002750
DC Water	City Trends Development, LLC v. Lynwood S. Cundif	2017 CA 003134
DC Water	S and S Investments, LLC v. Jimmie L. Hemingway	2017 CA 003738
DC Water	S and S Investments LLC v. Peter F. Bonas, et al.	2017 CA 003732
DC Water	Tyche 401K Trust v. Laura H.G O Sullivan, Substit	2017 CA 004072

Agency	Tax Lien File/Project Name	Case/Matter No.
DC Water	57th Street Mews, Inc v. Natco Developers, Inc et	2017 CA 004148
DC Water	Tidewater Assets LLC RAI Custodian v. DC Department	2017 CA 004660
DC Water	ANND LLC Series A. v. E Street Associates, A Mary	2017 CA 004662
DC Water	Christopher Hauser vs. Gregory D. Graves, et al.	2017 CA 005788
DC Water	Tyche 401K Trust vs. DC Water	2017 CA 004077
DC Water	Shreesai Solo 401K Trust v. Estate of Dolores Fre	2018 CA 003532
DC Water	57th Street Mews, Inc s. Natco Developers, INC et	2017 CA 004149
DC Water	Tidewater Assets, LLC RAI Custodian v. DC Water	2018 CA 005350
DC Water	Tidewater Assets, LLC RAI Custodian vs. DC Water	2018 CA 005348
DC Water	Christopher Hauser v. Unknown Heirs of Minnie D.	2018 CA 005949
DC Water	Christopher Hauser v. Banana Enterprises, Inc et	2018 CA 005947
DC Water	Tax Lien Investors, LLC v. DC Water & Sewer Auth.	2019 CA 000558
DC Water	Encore Construction Inc. v. 6101 Sligo, LLC et al	2019 CA 000558
DC Water	Wells Fargo Bank, NA v. DC Water	2019 CA 001169
DC Water	ERA Partners LLC v. DC Water	2019 CA 001757
DC Water	Jon A. Hughes v. US Bank Natl. Assoc., et al.	2019 CA 001725
DC Water	ID Properties LLC v. Carol S. Blumenthal, et al.	2018 CA 001159
DC Water	Clear Sky Holdings v. Washington Gas Light et. al	2019 CA 002228
DC Water	First DC Liens LLC, v. Fabco Corp. et al.	2017 CA 002607
DC Water	First DC Liens LLC v.. United Capital Corporation	2017 CA 002612
DC Water	Tidewater Assets, LLC RAI Custodian v. DC Water	2019 CA 003110
DC Water	S&S Investments, LLC v. 1512 6th St. LLC LLC et al	2019 CA 003364

Agency	Tax Lien File/Project Name	Case/Matter No.
DC Water	Tidewater Assets, LLC v. Est. of C. E. Barnes, et	2019 CA 003412
DC Water	Tidewater Assets, LLC v. Stanton Properties LLC et	2019 CA 003410
DC Water	Tidewater Assets, LLC v. 76 M, Inc. et al	2019 CA 004331
DC Water	Tidewater Assets, LLC v. DCW et al.	2019 CA 004336
DC Water	Tidewater Assets, LLC v. DCW et al.	2019 CA 004337
DC Water	Tidewater Assets, LLC v. Virginia 18th St. Holding	2019 CA 004332
DC Water	Tidewater Assets v. Bank of America, N.A., Trustee	2019 CA 004338
DC Water	Tidewater Assets v. Estate of Allen L. Green et al	2019 CA 004342
DC Water	Tidewater Assets v. Estate of Theodore R. McClain	2019 CA 004355
DC Water	Wright, Doreen v. Wright, Danielle et al	2019 LIT 000029
DC Water	Poser Investments, Inc. v. Sarah02, Inc. et al	2019 CA 003748
DC Water	2508 OPCO, LLC v. Unknown Heirs of Annie B. Henry	2019 CA 005498
DC Water	Finucane, Patrick J. v. Washington, Sheila M. et.	2019 CA 005313
DC Water	Lakeview Loan Servicing, LLC v. DC Water et al	2019 CA 005683 B

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B. Tax Lien Foreclosure Cases - Total amount owed is determined at time of filing of Certificate of Delinquency.

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DC Water	Come on Dover LLC v. Havilah Real Property Service	2017 CA 002483
DC Water	First DC Liens LLC v. Estate of John Edward Wesley	2017 CA 002565
DC Water	First DC Liens LLC v. Bessie Spence, et al.	2017 CA 002686
DC Water	First DC Liens, LLC v. Natco Developers, Inc et al	2017 CA 002562
DC Water	First DC Liens, LLC v. The Terraces Homeowners As	2017 CA 002690
DC Water	First DC Liens, LLC v. Lawrence T. Weiss, et, al	2017 CA 002390
DC Water	First DC Liens, LLC v. Havilah Real Property Serv	2017 CA 002620
DC Water	First DC Liens LLC v. WEICO Properties, et al.	2017 CA 002390
DC Water	First DC Liens LLC v. Emory J. West, et al.	2017 CA 002608
DC Water	District Properties.com Inc v. The Unknown Person	2018 CA 002494
DC Water	City Trends Development, LLC v. Georgia Ann Hendr	2017 CA 003138
DC Water	1214 Euclid LLC v. Estate of Ruby Mae Queen	2018 CA 001541
DC Water	Tidewater Assets, LLC v. James H. DeVore	2018 CA 002150
DC Water	Tidewater Assets, LLC v. Warner 422, LLC	2018 CA 002154

DC Water	First DC Liens LLC v. Emory J. West, et al.	2017 CA 002608
DC Water	District Properties.com Inc v. The Unknown Person	2018 CA 002494
DC Water	City Trends Development, LLC v. Georgia Ann Hendr	2017 CA 003138
DC Water	1214 Euclid LLC v. Estate of Ruby Mae Queen	2018 CA 001541
DC Water	Tidewater Assets, LLC v. James H. DeVore	2018 CA 002150
DC Water	Tidewater Assets, LLC v. Warner 422, LLC	2018 CA 002154
DC Water	Wells Fargo Bank, N.A. v. Castro, Julian et al	2016 CA 008231
DC Water	Tyche 401K Trust v. Anne Walker a/k/a Anne S. Brad	2017 CA 001502
DC Water	Xu, Kangming v. Manna, Inc. et al.	2016 CA 003990
DC Water	Sharon Cruickshank v. Wells Fargo Bank, N.A. et al	2017 CA 003609
DC Water	S&S INVESTMENTS v. Dianne E. Young	2017 CA 00373
DC Water	MTAG as Custodian for ATCF II DC LLC v. Douglas Re	2017 CA 005474
DC Water	Equity Trust Company v. Unknown Personal Represent	2010 CA 006188
DC Water	ACT REALTY LLC v. Ruth H. Lawrence, et al.	2016 CA 003005
DC Water	Nebraska Alliance Realty Company v. Gail Wright Si	2017 CA 001648
DC Water	3116 G STREET SE LLC v. Estate of Reuben E. Waugh,	2016 CA 005306
DC Water	MTAG Custodian for Empire Tax Fund VII v. DC et al	2015 CA 006335
DC Water	S & S Investments, LLC v The Unknown Personal Repr	2013 CA 004400
DC Water	Wells Fargo vs. Keith James	2015 CA 002544
DC Water	Aisha Sikder vs. Karen Spurgeon, Personal Represent	2018 CA 002558
DC Water	Momtaz Farooque vs. Alice G. Hicks et al	2018 CA 002610
DC Water	Jung Kim	2018 CA 003472
DC Water	Jeremy Benjamin- Young v. DC Water	2018 CA 002690
DC Water	District Properties.com Inc v. DC Water	2018 CA 002680

DC Water	Aisha Sikder vs. Juanita M. Montague, et al.	2018 CA 002543
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DC Water	Yasmine Sikder v. Michael J. Payne et al.	2018 CA 002601
DC Water	District Properties.com Inc v. William James Rect	2018 CA 002682
DC Water	Tyche 401K Trust v. Steven Weinberg, Successor Per	2018 CA 002731
DC Water	Tyche 401K Trust v. Natco Deveopers, Inc	2018 CA 002738
DC Water	Jung Kim v. Isaac C. Smith et al.	2018 CA 002750
DC Water	City Trends Development, LLC v. Lynwood S. Cundif	2017 CA 003134
DC Water	S and S Investments, LLC v. Jimmie L. Hemingway	2017 CA 003738
DC Water	S and S Investments LLC v. Peter F. Bonas, et al.	2017 CA 003732
DC Water	Tyche 401K Trust v. Laura H.G O Sullivan, Substit	2017 CA 004072
DC Water	57th Street Mews, Inc v. Natco Developers, Inc et	2017 CA 004148
DC Water	Tidewater Assets LLC RAI Custodian v. DC Department	2017 CA 004660
DC Water	ANND LLC Series A. v. E Street Associates, A Mary	2017 CA 004662
DC Water	Christopher Hauser vs. Gregory D. Graves, et al.	2017 CA 005788
DC Water	Tyche 401K Trust vs. DC Water	2017 CA 004077
DC Water	Shreesai Solo 401K Trust v. Estate of Dolores Fre	2018 CA 003532
DC Water	57th Street Mews, Inc s. Natco Developers, INC et	2017 CA 004149
DC Water	Tidewater Assets, LLC RAI Custodian v. DC Water	2018 CA 005350
DC Water	Tidewater Assets, LLC RAI Custodian vs. DC Water	2018 CA 005348
DC Water	Christopher Hauser v. Unknown Heirs of Minnie D.	2018 CA 005949
DC Water	Christopher Hauser v. Banana Enterprises, Inc et	2018 CA 005947
DC Water	Tax Lien Investors, LLC v. DC Water & Sewer Auth.	2019 CA 000558
DC Water	Encore Construction Inc. v. 6101 Sligo, LLC et al	2019 CA 000558

DC Water	Wells Fargo Bank, NA v. DC Water	2019 CA 001169
DC Water	ERA Partners LLC v. DC Water	2019 CA 001757
DC Water	Jon A. Hughes v. US Bank Natl. Assoc., et al.	2019 CA 001725
DC Water	ID Properties LLC v. Carol S. Blumenthal, et al.	2018 CA 001159
DC Water	Clear Sky Holdings v. Washington Gas Light et. al	2019 CA 002228
DC Water	First DC Liens LLC, v. Fabco Corp. et al.	2017 CA 002607
DC Water	First DC Liens LLC v.. United Capital Corporation	2017 CA 002612
DC Water	Tidewater Assets, LLC RAI Custodian v. DC Water	2019 CA 003110
DC Water	S&S Investments, LLC v. 1512 6th St. LLC LLC et al	2019 CA 003364
DC Water	Tidewater Assets, LLC v. Est. of C. E. Barnes, et	2019 CA 003412
DC Water	Tidewater Assets, LLC v. Stanton Properties LLC et	2019 CA 003410
DC Water	Tidewater Assets, LLC v. 76 M, Inc. et al	2019 CA 004331
DC Water	Tidewater Assets, LLC v. DCW et al.	2019 CA 004336
DC Water	Tidewater Assets, LLC v. DCW et al.	2019 CA 004337
DC Water	Tidewater Assets, LLC v. Virginia 18th St. Holding	2019 CA 004332
DC Water	Tidewater Assets v. Bank of America, N.A., Trustee	2019 CA 004338
DC Water	Tidewater Assets v. Estate of Allen L. Green et al	2019 CA 004342
DC Water	Tidewater Assets v. Estate of Theodore R. McClain	2019 CA 004355
DC Water	Wright, Doreen v. Wright, Danielle et al	2019 LIT 000029
DC Water	Poser Investments, Inc. v. Sarah02, Inc. et al	2019 CA 003748
DC Water	2508 OPCO, LLC v. Unknown Heirs of Annie B. Henry	2019 CA 005498
DC Water	Finucane, Patrick J. v. Washington, Sheila M. et.	2019 CA 005313
DC Water	Lakeview Loan Servicing, LLC v. DC Water et al	2019005683 B

37. Please list all **settlements** entered into by the agency or by the District on behalf of the agency in FY19 or FY20, to date, including any covered by D.C. Code § 2-402(a)(3), and provide the parties' names, the amount of the settlement, and if related to litigation, the case name and a brief description of the case. If unrelated to litigation, please describe the underlying issue or reason for the settlement (e.g. administrative complaint, etc.).

Case/Case Number	Settlement Date	Settlement Amount	Reason for Settlement
<i>Henry v. DC Water, 2018 CA 000826 B</i>	February 22, 2019	\$1,000	Cost-benefit analysis favored settling for minimal value relative to exposure.
<i>Pearson v. DC Water, 2018 CA 003754 B</i>	March 2, 2019	\$5,500	Facts suggested likely verdict against DC Water as the result of unsecured meter lid.
<i>Plummer v. DC Water, 2018 CA 004241 B</i>	March 14, 2019	\$1,000	Cost-benefit analysis favored settling for minimal value relative to exposure.
<i>Ragland v. DC Water, 2017 CA 007803 B</i>	April 16, 2019	\$325,000	Facts suggested likely verdict against DC Water as the result of unsecured meter lid.
<i>Volz v. DC Water, 2018 CA 006954 B</i>	May 7, 2019	\$10,000 (Paid by PMA)	Facts suggested likely verdict against DC Water as the result of unsecured meter lid.
<i>Kohler v. DC Water, 2019 CA 006534 B</i>	November 12, 2019	\$3,000	Facts suggested possible liability to DC Water for water damage resulting from a collapsed sewer line. Cost-benefit analysis favored settling for minimal value relative to exposure.
<i>Derricott v. DC Water, 2018 CA 000204 B</i>	November 16, 2019	\$25,000	Facts suggested likely verdict against DC Water as the result of unsecured meter lid.
<i>Palmieri v. DC Water, 2019 CA 003461 B</i>	November 22, 2019	\$13,500 (paid through DC Water's	Facts suggested possible liability to DC Water for water

Case/Case Number	Settlement Date	Settlement Amount	Reason for Settlement
		insurer, Ace American Insurance Co., Chubb and Chubb Group Holdings)	damage resulting from the First Street Tunnel Project. Cost-benefit analysis favored settling for minimal value relative to exposure.
<i>Gentile v. DC Water et al., 2018 CA 000449 B</i>	December 9, 2019	\$350,000 (Paid by ECIS)	Facts suggested likely verdict against Defendants as the result of the condition of the roadway while performing repair work.

38. Please list any **administrative complaints or grievances** that the agency received in FY 2019 and FY 2020, to date, broken down by source. Please describe the process utilized to respond to any complaints and grievances received and any changes to agency policies or procedures that have resulted from complaints or grievances received. For any complaints or grievances that were resolved in FY 2019 or FY 2020, to date, describe the resolution. See chart below

	Source	Administrative Complaint(s) or Grievance(s)	Resolution
<u>FY19</u>	Internal	Labor Grievance Implementation of Advancing Blue performance management system	Withdrawn
	Internal	Labor Grievance Discipline of Employees with 60-day termination notice (AFGE, Local 631)	Withdrawn
	Internal	Labor Grievance Performing duties of higher grade (TJ)	Denied
	Internal	Labor Grievance Performing duties of higher grade (BT/TT)	Denied

	Internal	Labor Grievance Contract Interpretation (Local 872)	Denied
	Internal	Labor Grievance Performing duties of higher grade (Customer Care) (JA/GL)	Denied
	Internal	Labor Grievance Changes to Advancing Blue (NAGE, Local 872, 2553)	Withdrawn
	Internal	Labor Grievance Probationary releases (Customer Care) (Local 872)	Denied
	Internal	Labor Grievance Disciplinary-3-day suspension (Customer Care) (Local 872/RA)	Settled
	Internal	Labor Grievance Disciplinary-30-day suspension (Customer Care) (Local 872/RA)	Settled
	Internal	Labor Grievance– Performance bonus Local 872/Shanks, Coles, Jenkins, W. Burton	Settled
	Internal	Administrative Complaint- Racial/Religious Discrimination (DMS) (PD/DM)	Unsubstantiated
	Internal	Administrative Complaint Hostile Work Environment (Telecommunications) (RC/JT)	Unsubstantiated
	External/EEOC	Administrative Complaint – Racial Discrimination (DMS) (JS)	Unsubstantiated

	Internal	Administrative Complaint Alleged Workplace Violence (FM) (ED/RH)	Unsubstantiated
	Internal	Administrative Complaint Retaliation (PM)	Unsubstantiated
	Internal	Administrative Complaint Inappropriate Racial Comment	Substantiated
	Internal	Administrative Complaint Harassment (CD)(JL)	Unsubstantiated
<u>FY20</u> (to date)	Internal	Labor Grievance Use of Official Time (Local 872/KJ)	Pending
	Internal	Administrative Complaint Alleged Workplace Violence (Permit Operations/DP)	Unsubstantiated
	Internal	Administrative Complaint - Discrimination: Sexual Orientation (Permit Operations/KH)	Unsubstantiated
	Internal	Administrative Complaint – Discrimination (Permit Operations) (RC)	Substantiated
	Internal	Administrative Complaint Discrimination National Origin (AB)	Unsubstantiated
	Internal	Administrative Complaint – Racial Discrimination (Customer Care) (KJ)	Unsubstantiated
	Internal	Administrative Complaint – Alleged Harassment and Bullying (DS/SE) (FM)	Pending

	Internal	Administrative Complaint – Protest Non-Selection/ Harassment (DETS) (CCC)	Unsubstantiated
	Internal	Administrative Complaint – Hostile Work Environment (DETS) (CCC)	Pending
	External - EEOC	Administrative Complaint Racial discrimination (CD)	Pending
	External - EEOC	Administrative Complaint Age Discrimination	Dismissed

Describe the process utilized to respond to any complaints and grievances received.

Administrative Complaints

An employee who believes he or she has been treated in an unlawful discriminatory manner should promptly report the incident to his or her immediate supervisor. If, however, the employee believes it would be inappropriate to discuss the matter with his or her supervisor he or she should report the incident to the next higher level manager or to the EEO Officer. The immediate supervisor or next level manager must immediately investigate the matter and take appropriate action, including reporting the matter to the EEO Officer.

The supervisor or manager who receives an EEO complaint shall notify the EEO Officer no later than two business days following the date the complaint was filed. Any investigation conducted by a supervisor or manager must have the concurrence of the EEO Officer. If a complaint is filed directly with the EEO Officer the EEO Officer or his/her designee will conduct a prompt investigation.

Complaints will be concluded within sixty days of receipt. If the Authority determines that an employee discriminated or harassed an employee appropriate discipline will be issued up to an including termination.

Grievances

Grievances filed by an appropriate Union Official or employee are assigned to a Labor Relations Specialist. The Labor Relations Specialist will conduct an investigation and respond in writing to the Union or employee within the agreed upon time frames contained in the collective bargaining agreements.

Any changes to agency policies or procedures that have resulted from complaints or grievances received.

- None

D. PROGRAM-SPECIFIC QUESTIONS

Human Resources and Customer Service

39. Although DC Water finalized a successor Master Agreement on Compensation with the unions last year, that contract was set to expire on October 1, 2020. Negotiations for the next Master Agreement were slated to begin in late 2019.
- What is the status of these negotiations? Where the Master Agreement has been finalized, please provide the Committee with a copy of the agreement. **Negotiations have concluded.**
 - When do you anticipate finalizing the new Master Agreement, and will it be in effect for three years, as planned? **Master Agreement finalized and will be in effect for four years from October 1, 2019 to September 30, 2023.**
40. In the agency's responses to the Committee's 2019 pre-hearing questions, the agency noted that it was preparing an RFP for a renewable gas project for the digester gas at Blue Plains. What is the status of that RFP and any resulting partnership? **DC Water issued the RFP, which focused on a core project – conversion of the digester gas to pipeline quality RNG. We received 11 responses to the RFI and solicited proposals from 4 of the 11 teams. Those 4 teams submitted full proposals to the project, with varying financing models, technical approaches, and additional energy partnership opportunities. Please see further details in the answer to question 41 below.**
41. The agency reported receiving 11 responses to its Energy Partner RFI in its 2019 pre-hearing responses, including a proposal leading to the aforementioned renewable gas project.
- Has the agency received any additional responses, to date?
 - Has the agency taken steps to pursue partnerships in FY 2019 and FY 2020, to date, on any other responses to the RFI? If so, what is the status of those prospective partnerships? **At the moment, the RFP respondents are on hold as we determine the economics of the project. DC Water received no additional responses to the RFP, and is currently evaluating the market for RINs, the renewable fuel environmental attribute. Before the RFP, the RIN values were substantial (\$1.87/RIN) and drove the economics of the project to a very positive position. Respondents were very enthusiastic about starting the project, as the payback period was less than three years. Mid-summer, the RNG advisory panel met with the executive team to discuss financing options and steps forward. The Chair of the committee described the financing options (DC Water self-financing and outside capital), and the pros and cons of each. The executive team suggested a third financing option and some period of time for evaluation. For the remainder of the summer, the RIN process dropped to a low of \$0.40/RIN, making the project less attractive. The technical team began exploring options to supplement the RIN revenue, such as selling the gas into CA for the additional revenue associated with the California Low Carbon Fuel Standard environmental attributes, which is additive to the RIN revenue. The net project value is compared to the value of the existing project – burning the digester gas in the turbines for green electricity and renewable energy credits (RECs), and the team evaluated how much**

the RIN value needed to rebound to have the project net value exceed that of the existing project. This week the RIN value is up to \$0.82/RIN and combined with the CA LCFS value exceeds the value of the existing project. The team is meeting next week to determine if the project risks are stabilized enough to proceed. The RIN price fluctuations were caused by decisions made by the current administration regarding small refinery exemptions, which changed dramatically the RIN supply and demand. These imbalances have changed, and the industry expects the pricing to stabilize.

42. Please describe how DC Water has worked to increase its hiring of District residents in FY 2019.

- How many graduates of the DC Water Works program were hired by DC Water in FY 2019 and FY 2020, to date? How many graduates found other employment opportunities? What percentage of the total number of graduates does this amount to?
- What percentage of DC Water contracts were awarded to certified business enterprises in FY 2019? In FY 19, the DC Water Works program conducted three skills training programs. In FY 2019, certified local, small, disadvantaged, and women business enterprises were awarded \$64.99M in contracts and subcontracts with DC Water. This total amounts to 37% of the contracts awarded.
 - In FY 19, the DC Water Works program conducted three skills training programs. The participation for the programs are as follows:

Skills Training Program	# of enrollees	# of District resident enrollees	# of graduates	# of graduates employed	% of graduates employed	# of graduates employed with DC Water
Green Infrastructure	33	33	19	18	94%	1
Facilities Training	5	5	5	4	80%	3
Commercial Driver's License	7	6	7	7	100%	2
Total	45	44	31	29	93%	6

- In FY 19 and FY 20 to date, 103 local residents were hired. Of this total, 64 were District residents, including 14 hired by DC Water directly as apprentices.

43. Please provide the Committee with information on implementation of the new authority provided to the Office of the People's Counsel in the DC Water Consumer Protection Amendment Act of 2019.

- What steps has the agency taken to establish a relationship with OPC?
- How many issues or claims has OPC brought to DC Water on behalf of ratepayers in FY 2020, to date?

DC Water wrote a consumer bill of rights and shared copies of the document with OPC and with our customers. DC Water also assisted with the onboarding of the new OPC employees and provide insight on the water regulations and to familiarize them with the process for handling inquiries. We established a dedicated email box to ensure all communications could be uniquely identified and handled with the greatest priority. In addition, DC Water has worked to realign resources to help to respond to inquiries on a timely basis. DC Water continues to meet and collaborate with OPC on concerns they and our customer may experience. DC Water is also taking action to increase the transparency of information availability.

DC Water has received 83 OPC inquiries in fiscal year 2020 through January 25,2019, 4 requests were repeat inquiries to ask for additional information. The primary reason for OPC calls were to talk about payment terms, restore or reconnect requirements at roughly half of the account inquiries. There were also 31 requests around billing requirements including high bill, estimated bills, usage & fee adjustments. We are proud of the fact that there were only 31 inquiries and 12 adjustments for these inquiries despite issuing approximately 440k bills. The final category with 13 inquiries was general information or inquiries. The average turnaround time for a resolution with OPC has been 4 days, faster than the regulatory requirement of 14 days.

Clean Rivers Project

44. Please provide an update on the progress of the Clean Rivers Project, including:

- For each component of the Project, including Tunnel development and Green Infrastructure installation:
 - A description.
 - A status report, including a timeframe for completion.
 - The amount of capital funds spent and available.
 - Planned remaining spending each year until completion in 2032.
 - Annual maintenance costs for any completed projects.
 - The expected maintenance costs per year once the projects are complete.
- Response:

- The purpose of the DC Clean Rivers Project is to control combined sewer overflows (CSOs) to District waters. In the older sections of the District, there is a single combined sewer in the street which handles both stormwater runoff and sanitary sewage from homes and businesses. During dry weather, sewage is conveyed to DC Water's Advanced Wastewater Treatment Plant at Blue Plains (Blue Plains), located in the southwestern part of the District on the east bank of the Potomac River. When the capacity of a combined sewer is exceeded during storms, the excess flow, which is a mixture of sewage and stormwater runoff, is discharged to the Anacostia and Potomac Rivers, Rock Creek, and tributary waters. This excess flow is called CSO and there are 48 potentially active CSO outfalls in the District's combined sewer system.
- The Clean Rivers Project consists of deep tunnels, targeted sewer separation and Green Infrastructure (GI) designed to reduce CSO discharges to District waters. The project is necessary to bring CSOs into compliance with the District's water

quality standards. After completion, the volume of CSO discharges in an average year of rainfall by 96% system wide. There will be a 98 percent reduction in CSO discharges to the Anacostia; a 96 percent reduction of discharges to the Potomac; and a 90% reduction in discharges to Rock Creek. US EPA and the District Department of the Environment have determined that the plan will bring CSOs into compliance with the District's water quality standards, subject to post construction monitoring.

- The project is required by a Federal Consent Decree signed by US EPA, the Department of Justice, the District and DC Water. The consent decree dictates a schedule for implementation and includes many interim milestones. Stipulated penalties can be assessed for failure to meet decree deadlines. The project is on schedule to meet the consent decree deadlines to place projects in operation to control CSOs in accordance with the specified deadlines. The major milestones in the consent decree are as follows:
- March 23, 2018 - the Anacostia River Tunnel system from Blue Plains to RFK Stadium including a new Wet Weather Treatment System at Blue Plains is required to be placed in operation by this date. DC Water met this deadline by placing this portion of the tunnel system in service on March 20, 2018. From March 20, 2018 through January 15, 2020, the system has performed exceptionally, capturing more than 6.9 billion gallons of CSO and removing more than 3,100 tons of trash and debris, preventing it from being discharged to the Anacostia River.
- March 23, 2025 - the Northeast Boundary Tunnel which runs from RFK Stadium to 6th and R St NW is required to be placed in operation by this date. The project has been accelerated to provide early flood relief to the Northeast Boundary area including Bloomingdale and LeDroit Park and is scheduled to be placed in operation in 2023.
- March 23, 2030 - the Potomac Tunnel which addresses the major Potomac River CSOs is required to be placed in operation by this date.
- The Consent Decree was amended in 2016 to include green infrastructure for the Potomac and Rock Creek and to extend the time required to implement the projects from 2025 to 2030. The modification requires DC Water to construct initial green infrastructure projects in the Potomac and Rock Creek sewersheds and to evaluate these projects to determine their practicability as follows:
- If green infrastructure is determined to be practicable for the Potomac, then it will be used to control CSO 027, 028 and 029 and the Potomac Tunnel may be reduced in volume so as to not address those CSOs. If green infrastructure is determined to be impracticable for the Potomac, then the tunnel will be extended to control CSO 027, 028 and 029.
- For Rock Creek, if green infrastructure is determined to be practicable, then it will be used to control CSO 049; otherwise a 9.5-million-gallon storage facility will be constructed to control that CSO.
- Regardless of whether green or gray infrastructure is used, all projects for the Potomac and Rock Creek must be placed in operation by March 23, 2030.

- The initial green infrastructure projects have been completed and post construction monitoring is underway. The practicability reports are due to EPA in the summer of 2020.
- Status Report, Capital Funds Spent and Available, Planned Remaining Spending
- Table 1, below, includes a status report on component of the Clean Rivers Project, the amount of capital funds spent and available, and the planned remaining spending. See Tab 16.
- Completed Projects
 - The Anacostia River Tunnel system from Blue Plains to RFK Stadium including a new Wet Weather Treatment System at Blue Plains was placed in operation March 20, 2018. Estimated operation and maintenance costs for tunnels and appurtenances is approximately \$600,000 per year.
 - The first Potomac and Rock Creek Green infrastructure projects manage approximately 32 impervious acres at 1.2” of rain. Maintenance costs are approximately 480,000 per year.
- Future Projects
 - The estimated operation and maintenance costs for tunnels and appurtenances when the tunnel system is complete is approximately \$1.3 million per year (2019 dollars), while the cost of the Tunnel Dewatering Pumping Station and Wet Weather Treatment Facilities at Blue Plains is approximately XXXX. per year. Note that many of the facilities have not been designed or constructed yet and these costs may therefore change as the facilities are developed.
 - For the green infrastructure, the purpose of the practicability assessment is to develop capital, operating and maintenance, and performance parameters for the facilities. The reason for the practicability assessment is because reliable and extensive cost and performance data for large scale green infrastructure, particularly in the District of Columbia does not exist. As a result, the consent decree provides for the practicability assessment to generate this data to make informed decision going forward. Estimates of operation and maintenance costs for full scale implementation of green infrastructure will be available when the practicability assessment is complete in 2020.

45. Please update the Committee on how DC Water is funding the Clean Rivers Project, including what bonds, loans, grants, and other funding are being drawn from to pay for the project each year. How much of ratepayers’ CRIACs are going towards debt service and interest vs. directly into the project?

The Clean Rivers project is funded by the following sources (Green Bonds):

- Series 2014A = \$350 million
- Series 2015A = \$100 million
- Series 2017A = \$100 million
- Series 2018A = \$100 million
- Series 2019A = \$125 million
- Series 2016B (Environmental Impact Bond) = \$25 million

- Prior to 2013, Clean Rivers was funded as part of debt issued for capital projects.
- (1) The project is also funded by Federal CSO Grants. In FY2019 DC Water received \$8.0 million. However, it is not certain if DC Water will receive any Federal CSO Grants funding in the future.
- (2) As per the Inter-municipal Agreement (IMA) and an agreement by the IMA Leadership Committee, the Wholesale customers contribute approximately 7.1 percent of eligible project costs.
- (3) Approximately 63% of ratepayers' funds (CRIAC and from sewer volumetric rate under new "shift" described below) are going toward debt service and interest and 37% directly to the project.

46. Please provide the projected CRIAC per ERU that ratepayers will be charged in FY 2021 and future fiscal years for which DC Water has projections.

- Please describe DC Water's efforts in FY 2019 and FY 2020 to date to decrease these rising charges for ratepayers.
- DC Water has committed to review the method the agency uses to assess CRIAC on users and whether other funds may be used to pay for those costs. Please provide an update of the status of that review, and any plans DC Water has in FY 2020 to implement any potential changes.



The chart above shows the projected CRIAC charges for the proposed FY 2020-FY 2029 financial plan. Approximately 63% of the revenue from the CRIAC pays debt service costs and 37% is used as PAYGO for the project.

History of actions to reduce CRIAC

DC Water has taken a number of actions over the years to reduce the CRIAC. DC Water has refinanced much of its old debt to achieve the lowest possible interest rates. We have a very high credit rating, and that has helped us achieve some of the lowest costs of financing. In fact, last year DC Water earned an upgrade from Fitch Ratings. DC Water also pursued and was granted a change to the consent decree that allowed additional time to complete the project, as well as the addition of Green Infrastructure.

Shift of a portion of Clean Rivers costs to the sewer volumetric rate

Last year DC Water proposed a change to the way that the Clean Rivers project was funded, and proposed to “shift” a portion of those costs from the CRIAC to the sewer volumetric rates. Flow to the tunnels is comprised of both stormwater and sanitary flow, and sanitary flow comprises about 37% of the flows that reach the Clean Rivers tunnels. After discussion with the DC Water Stakeholder Alliance, DC Water proposed a shift of 37% of the Clean Rivers costs to the sewer volumetric rate, to be phased in over three years. After a discussion with customers in Town Hall meetings in each of the eight wards and a public hearing, the Board, after a recommendation from the Retail Rates Committee, adopted rates that included the “shift.” The FY20 rates include a shift of 18% of costs, and the proposed FY21 rates move 28%, and the FY22 rates move 37%.

Improvements to the rate-making process

DC Water has also aligned its Cost of Service Studies to its two-year rate proposals. DC Water does not make a profit – it is a cost recovery organization. To help ensure that costs are being properly recovered (water costs are recovered through the water rate, for example), DC Water conducts regular Cost of Service studies. Previously the studies were done every three years, but this year DC Water began conducting two-year Cost of Service Studies to fully align the study with the two-year rate proposal.

Projected Bills for Sample Customers						
	<ul style="list-style-type: none"> ⬇ 28% CRIAC shift in FY 2021 ⬇ 37% CRIAC shift in FY 2022 					
Monthly	Average Household	Average Multi-Family	Sample Commercial	Sample Cemetery	Sample Non-profit (High Con)	Sample Non-profit (Low Con)
Monthly CCF	5.42	86.14	3,332.33	4.70	804.07	7.36
ERU	1	6.83	52.2	115.1	128.6	59.2
FY2020 Monthly Total Bill	\$104	\$1,341	\$49,575	\$2,793	\$14,877	\$1,591
FY 2021 Estimated Total Bill with 28% IAC recovered through Volumetric Charge	\$111	\$1,447	\$53,958	\$2,637	\$15,788	\$1,519
FY 2022 Estimated Total Bill with 37% IAC recovered through Volumetric Charge	\$118	\$1,538	\$57,966	\$2,516	\$16,672	\$1,466

Stormwater Best Management Practices

The Stakeholder Alliance voiced concern about the 4% CRIAC credit provided for Stormwater Best Management Practices. These are credits that customers can receive for installing rain barrels, rain gardens, or other improvements that reduce stormwater. The DC Water Board approved to increase the Clean Rivers Impervious Surface Area Charge (CRIAC) Incentive Discount Program maximum credit from 4% to 20% for Stormwater Best Management Practices (BMP) effective from October 1, 2019 (FY2020) forward.

Independent review of DC Water's rates

Last year DC Water commissioned an independent review of its rates by a consultant. Arcadis conducted the independent review, which also included a review of the Customer Assistance Programs. DC Water asked them to review the method of charging for the Clean Rivers Program; DC Water also asked them if costs associated with operating the tunnels and the Wet Weather Treatment Facilities should be recovered through the CRIAC. The Independent Review of Rate Structure and Customer Assistance Programs verified that the current method for recovering most costs related to the Clean Rivers Program is appropriate. Arcadis recommended that the CRIAC be utilized for recovering costs related to the Clean Rivers Project as is current practice. They also concluded that DC Water should not change its practice of recovering costs other than those associated with construction through the CRIAC.

Initiative to ensure suburban customers share in Clean Rivers operating costs

Over the past year, DC Water has worked with the IMA partners on an agreement on the jurisdictional users (non-District share) of the operating costs associated with the Clean River tunnels and the Wet Weather Treatment Facility. The framework for allocation of operational costs is specified in the derivative agreements of the 2012 Inter-municipal Agreement (IMA). The Technical Committee, which is a working group of the Regional Committee, has vetted a methodology to split operating costs, based on the derivative agreements in the IMA. Overall these operating costs are about \$6 million a year for the currently commissioned tunnel system from Blue Plains to RFK stadium that was placed in operation in 2018, and we anticipate that most of those costs (about 90%) will be eligible to be shared with the jurisdictions. The other 10% of the costs represent facilities that only benefit DC, such as facilities that serve DC-only drainage areas or flood control elements benefitting only the District.

In March 2020, the Regional Committee will review the work of the Technical Committee. With their recommendation, the proposed splits (the share of costs at Blue Plains) will be applied to the 90% of identified "shared" costs.

47. In FY 2019, DC Water updated how CRIAC was calculated, so that 18% of the calculated charge was based on sewer volumetric, or how much water a particular property uses.
- Please provide the Committee with information on how, in practice, this change affected average monthly bills for ratepayers (by average household, average multi-family, sample commercial, sample cemetery, sample church (high concentration), and sample church (low concentration)).

- The following table shows the impact that 18%, 28% and 37% CRIAC shift will have on sample customers.

Projected Bills for Sample Customers						
	28% CRIAC shift in FY 2021			37% CRIAC shift in FY 2022		
Monthly	Average Household	Average Multi-Family	Sample Commercial	Sample Cemetery	Sample Non-profit (High Con)	Sample Non-profit (Low Con)
Monthly CCF	5.42	86.14	3,332.33	4.70	804.07	7.36
ERU	1	6.83	52.2	115.1	128.6	59.2
FY2020 Monthly Total Bill	\$104	\$1,341	\$49,575	\$2,793	\$14,877	\$1,591
FY 2021 Estimated Total Bill with 28% IAC recovered through Volumetric Charge	\$111	\$1,447	\$53,958	\$2,637	\$15,788	\$1,519
FY 2022 Estimated Total Bill with 37% IAC recovered through Volumetric Charge	\$118	\$1,538	\$57,966	\$2,516	\$16,672	\$1,466

The impact of the CRIAC shift of 28% and 37% is given below:

Category-wise Impact of 28% CRIAC Shift to Sewer – FY 2021

Category	Pre Shift Sewer	Post Shift Sewer	Pre Shift CRIAC	Post Shift CRIAC	Sewer Incr/(Decr)	CRIAC Incr/(Decr)	Sewer+CRIAC Net Incr/(Decr)
Residential	\$61,432,669	\$64,398,839	\$31,390,976	\$27,564,186	\$2,966,170	(\$3,826,790)	(\$860,620)
Commercial	108,318,384	113,548,349	37,390,834	32,832,617	5,229,965	(4,558,217)	671,748
Multi Family	76,517,215	80,211,716	14,710,368	12,917,066	3,694,501	(1,793,302)	1,901,199
Federal	38,765,402	40,637,122	21,658,180	19,017,889	1,871,720	(2,640,291)	(768,571)
Municipal	6,921,227	7,255,406	9,172,047	8,053,907	334,179	(1,118,140)	(783,960)
Housing	7,339,532	7,693,908	1,381,353	1,212,956	354,377	(168,397)	185,979
TOTAL:	\$299,294,430	\$313,745,341	\$115,703,758	\$101,598,622	\$14,450,911	(\$14,105,137)	\$345,775

Category-wise Impact of 37% CRIAC Shift to Sewer – FY 2022

Category	Pre Shift Sewer	Post Shift Sewer	Pre Shift CRIAC	Post Shift CRIAC	Sewer Incr/(Decr)	CRIAC Incr/(Decr)	Sewer+CRIAC Net Incr/(Decr)
Residential	\$66,289,607	\$69,081,432	\$29,639,972	\$25,982,634	\$2,791,825	(\$3,657,338)	(\$865,513)
Commercial	116,882,161	121,804,721	35,305,156	30,948,779	4,922,559	(4,356,377)	566,182
Multi Family	82,566,755	86,044,101	13,889,817	12,175,923	3,477,346	(1,713,894)	1,763,453
Federal	41,830,239	43,591,944	20,450,077	17,926,699	1,761,705	(2,523,378)	(761,673)
Municipal	7,468,427	7,782,964	8,660,426	7,591,798	314,537	(1,068,628)	(754,091)
Housing	7,919,804	8,253,351	1,304,300	1,143,360	333,547	(160,940)	172,607
TOTAL:	\$322,956,994	\$336,558,513	\$109,249,748	\$95,769,193	\$13,601,519	(\$13,480,555)	\$120,964

- Gives customers more control over the amount that they pay towards the project
- As a class, Multi-family and Commercial pays more, while the Federal Government pays less
- Small volume customers in every class generally pay less
- Average Residential customers pay about the same

48. Please provide the Committee with data on participation in the CRAIC Relief program in FY 2019 and FY 2020 to date, including:

- The number of residential households that applied for relief, broken down by 60% or lower AMI, 61-80% AMI, 81-100% AMI, and greater than 100% AMI;
- The number of residential households that were granted relief under the program, broken down by AMI;
- An account of the number of applications from residential applications that the agency received, by month or quarter.
- The number of nonprofits that applied for relief from the CRIAC relief fund, broken down by the month or quarter that the application was submitted;
- The number of nonprofits that received relief from the CRIAC relief fund; and
- Information on any barriers, deterrents, or other reasons that the agency has identified for eligible residential households or nonprofits not submitting an application for relief under the program.

DC Water does not process applications for this program, this program is administered by DOEE and customer income information is not provided to DC Water. DC Water only receives approved enrollments by program; therefore, the number provided are based on information provided by our partner DOEE. Additionally, our programs do not align with the requested income levels, the information provided is based on the income level for the program, as follows:

Program	Income level	FY 2019 Granted Relief	FY 2020 Granted Relief
CAP	Below 60% SMI	3294	1646
CAP 2	60% SMI - 80% AMI	256	281
CAP 3	80% AMI-100% AMI	49	64

Note: In FY 2019, there were only 20 residential applicants that did not receive assistance. There were 14 who were denied by DOEE & 6 who did not complete the application.

In FY 2020, there are only 17 residential applicants that did not receive assistance and there are currently 32 who have additional information required for approval.

Residential Application received by month FY 2019

Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Au
466	454	451	425	300	272	271	210	183	147	

FY2020

Oct-19	Nov-19	Dec-19	Jan-20	Total
868	517	439	216	2040

Note : 440 applicants applied in advance of FY20 program year, but are reported in October applications.

Nonprofit CRIAC Relief

Non Profit Applications	Q1	Q2	Q3	Q4	TOTAL
FY2019	N/A	70	39	22	131
FY2020	75	3			78

DOEE had three applications that were denied in FY 2019, because they did not meet the financial hardship requirement. There have been no denials in 2020. During the Fiscal Year 2019 (FY19) CRIAC Nonprofit Relief Program (launched in January of 2019), resulted in credits of \$1,360,561. The application period for the FY20 opened on September 20, 2019. To date, DOEE has approved 78 program applications awarding \$231,062 in relief applied on the bill.

We are continuing to work with customers to promote the program and increase awareness. In the past, the majority of CAP program applicants are entered into the program because they are seeking LIHEAP crisis assistance to pay an electric or gas bill. However, the new assistance program provides benefits to higher income customers so there is not a clear pipeline for those residents to come into the expanded CAP program. DC Water is currently evaluating additional ways beyond our SPLASH program to provide support when customers are in crisis.

49. Please describe efforts made by the agency in FY 2019 and FY 2020 to educate District residents about the availability of funding through the CRIAC relief program.

DC Water, in partnership with DOEE, has conducted extensive public outreach and marketing to publicize its Customer Assistance Programs and the CRIAC relief program funded by the District. That includes:

- Press releases by DC Water and the DC Government
- Ongoing social media messaging from both DC Water and DOEE
- New dcwater.com/customer-assistance webpage with instructions on how to apply and direct link to application
- Bill messages and bill inserts
- Robocalls to customers with past due balances
- Messages posted on neighborhood listservs and Nextdoor
- Paid digital advertising campaigns
- Paid print advertising
- Paid outdoor advertising on Metrobuses and in Metro stations
- Earned media in newspapers and on local television stations
- Multiple stories on District of Columbia Network (DCN)
- Outreach to ANCs and partner agencies including Office on Aging
- In-person customer engagement including public pop-up events to disseminate information about the programs
- Visits to all 7 senior wellness centers in the District where we engaged with more than 400 seniors
- Message on all customer bill envelopes
- Email to 79,000 customer accounts
- In-house created video showing how easy it is to apply

- Partnership with AARP DC to feature information about CAP programs on their website and Facebook page, in their monthly newsletter and in regional AARP The Bulletin publication
- Outreach to faith community

Water Rates

50. Please provide an update on DC Water’s Customer Affordability Programs.

- How many customers did the Customer Assistance Program assist and how much money did the program give out in FY 2018, FY 2019, and FY 2020, to date?
- How many customers received the 100% credit for the Water System Replacement Fee in FY 2019 and FY 2020, to date?
- How many customers did the SPLASH program assist and how much money did the program give out in FY 2018, FY 2019, and FY 2020, to date?
- Has DC Water created any new programs to help low-income consumers pay their water bills and prevent disconnection in FY 2019 or FY 2020, to date? If so, please describe.

	CAP Customers Enrollments	CAP Customer Credits*	CAP Dollars Assistance	CAP2 Customers Enrollments	CAP2 Dollar Assistance
FY2018	2584	4324	\$1,188,574	n/a	n/a
FY2019	3294	4436	\$1,290,797	1646	\$47,490
FY2020 to date	256	3585	\$180,622	281	\$25,449

Note: DC Water has historically reported the number accounts that received credits versus enrollments. This resulted in customer who receive their last credit in the next fiscal year to be counted again even though it is a partial credit from the previous fiscal year..

Only the CAP customers receive 100% credit for the WSRF, this resulted in FY 2018=2584, FY2019=3294, and FY20 to date=256.

SPLASH program

	Customers Assisted	Contributions
FY 2020 (To Date)	33	\$ 18,990.66
FY 2019	276	\$ 81,552.58
FY 2018	212	\$ 104,361

DC Water created the Customer Assistance Program II (CAP2) provides eligible DC Water customers a discount on the first 300 cubic feet (2,250 gallons) of water and sewer services used each month (with the exception of PILOT and ROW fees) and 50% reduction in the monthly CRIAC. *The annual discount is approximately \$550.* We also

partnered with district in administration of Customer Assistance Program III (CAP3) provides eligible DC Water customers with a discount of 75% off of the monthly CRIAC. *The average annual discount is approximately \$188.*

51. How much revenue was raised by Blue Drop in FY 2018, FY 2019, and FY 2020, to date? How were those funds spent in FY 2019 and FY 2020, to date?
- How much revenue does DC Water project Blue Drop to raise in FY 2020 and FY 2021?

Year	Net Income	Reduction in the Cost of Bloom Hauling
2018	\$358,488	\$278,053
2019	\$740,839	\$1,027,163
2020 (YTD)	-\$160,948	\$82,183
2020 (Forecast)	\$380,000	\$1,650,000
2021	\$1,202,090	\$1,815,000

52. Does DC Water have, or is it planning for, other initiatives to raise revenue? **Blue Drop is currently taking inventory of all existing DC Water IP at which point it will assess the marketability of that IP. If it is determined that IP is marketable Blue Drop, in collaboration with DC Water, will develop a go-to-market strategy for said IP. Separately, DC Water works to ensure that costs are appropriately recovered by updating the fees that generate revenue. In FY 2017, DC Water conducted a Water and Wastewater Miscellaneous Fee Cost of Service Study (COS). The COS focused on the following fees: a) retail customer fees; b) permitting fees and c) additional fees. DC Water had not undertaken a comprehensive study of miscellaneous fees since 2011. The impetus for this update was the escalating costs of providing service for ancillary, or non-user charge related, customer activities. In some instances, no increase was recommended as the increase would be out of line with peer fees. Some fees were discontinued due to they did not align with the permitting department's current work processes. In FY2019, DC Water reviewed and revised its permit fees and other miscellaneous fees (like retail customer fees). The increased in Permit fees will help ensure that all costs of DC Water's Permit Office, which is co-located with DCRA, of about \$4.0 million a year are covered through permit fees. Additionally, the new and existing fees help ensure cost recovery of activities like Fat, Oil and Grease (FOG) and Backflow Prevention Inspections (BPA) fees, connection and tap fees, plan review (small and large), and request for as-builts/processing of documents. As per 2019 COS, incremental revenue is anticipated to generate: 1) \$1.7 million FOG and Backflow Preventer/Cross Connection Fees; 2) \$2.2 million engineering review and additional fees; and 3) small amount of increase in retail customer fees.**

53. When will DC Water schedule public meetings in 2020 to discuss rate increases? Where can residents learn about the dates and locations of these meetings? **DC Water plans to hold town hall meetings with customers in all 8 wards in the spring of 2020. Those meetings are current being scheduled. The dates and locations will be posted on the DC Water website. They will also be shared with the ward councilmembers' offices and the ANCs, and advertised to customers through robocalls, social media and paid media. In addition, the DC Water Board of Directors will hold a public hearing in the spring on the proposed rates for FY 2021 and FY 2022.**

Infrastructure and Drinking Water Improvements

54. Please describe all **cybersecurity measures** that the agency has in place or has considered to protect infrastructure and electronic systems from cyberattack.
- Where the Committee is considering new cybersecurity measures, please provide information on the agency's timeline for implementing those new measures. **The Authority has implemented the cyber controls consistent with the NIST Cyber Security Framework (National Institute of Science and Technology Special Publication 800-53 rev 4). The current roadmap for Cyber Security Improvements includes implementing a Multi-Factor Authentication framework for network access for all users and all devices by the end of FY20; replacing the legacy username and password for Identity Management.**
55. Please describe the status of DC Water's Thermal Hydrolysis and Anaerobic Digester Project, including:
- The amount of energy the digesters are currently generating, the percentage of DC Water's energy use now generated by the digesters, and any plans to expand the Digester Project to create more energy in the future. **The CHP facility at Blue Plains generates on an average 150 MWH per day. This represents 23% of the average daily consumption at the plant.**
 - The amount of revenue generated in FY 2019 and FY 2020, to date, by the sale of Class A biosolids produced by the digesters. **In FY 2019, 40,658 tons of Bloom were marketed, exceeding the 40,000-ton goal. The revised goal for FY 2020 is 60,000 tons and marketing trends are on target. The cost savings over conventionally contracted biosolids recycling in FY 2019 was \$975,000.**
 - How, if at all, DC Water is working with the Department of Public Works to expand the aerobic digester operations to include organic waste products. **DC Water continues to look for opportunities to optimize operation of its existing anaerobic digester capacity. It is presently working towards having EPA change existing rules that reduce the value of digester gas when organic waste products are added to the sludge.**
56. Please describe the status of the fire hydrant inspection and maintenance program, including:
- The current number of known mechanically defective hydrants in the District. Is DC Water still meeting its goal of having less than 1% of fire hydrants out of service?
 - The number of hydrants replaced in the District in FY 2019.
**As of January 02, 2020, there are 9,691 Public Fire Hydrants of which 9,641 are in service; where 50 are out of service (33 defective requiring repair or replacement and 17 out of service due to inaccessibility or temporary construction work).
The number of hydrants replaced in the District in FY 2019: 218**
57. Please provide a status update on all ongoing Sewer Rehabilitation projects, including:
- A description.
 - The amount of capital funds allotted.

- A status report, including a timeframe for completion.
- Planned remaining spending on each of these projects.
- A list of projects to begin in FY 2020 and FY 2021, including expected costs and completion dates. **Please see Tab 16**

58. Please describe DC Water's progress with water system upgrades during FY 2019 and FY 2020, to date.

- Please provide a chart of how many small and large water mains were replaced or rehabilitated in FY 2019, and the projected number to be replaced or rehabilitated in FY 2020.
- What drinking water pumping stations were upgraded in FY 2019 and which will be upgraded in FY 2020?
- **DC Water's planned linear asset inspection and renewal programs were significantly impacted by spending limits in FY2019 and FY2020. Additional funding was approved started in FY2021 and the programs are being reactivated in FY2020. DC Water linear assets includes 230 miles of large diameter transmission mains and 1070 miles of small diameter water mains.**

- In FY19, condition assessment was performed on 0.6 miles of high-risk water mains.
- In FY19, no jobs for the rehabilitation of large diameter water main were completed.
- In FY19, 1.2 miles of small diameter water main was replaced, and 2.7 miles of small diameters water mains were advertised for construction.
- For FY20, condition assessment of 5 miles of large water main is anticipated.
- For FY20, 1.5 miles of large diameter water main will be rehabilitated.
- For FY20, there is on-going design of 2.2 miles of large diameter water main rehabilitation.
- For FY20, there is scheduled replacement for 2.4 miles of small diameter water mains.
- In FY20, four jobs have already been advertised for construction and three more will be advertised in next few months.
- For FY20, there is on-going design of another 40 miles of small diameter water main replacement jobs.

Great progress has been made upgrading vertical facilities in recent years, which includes four pumping stations; five underground reservoirs; and four elevated storage tanks.

- All four water pumping stations have recently undergone major renovations: completed in FY2003 (Bryant Street); FY2009 (Anacostia); FY2015 (16th & Alaska); and FY2018 (Fort Reno).
- Additional operational improvement projects for the pumping stations are scheduled, with the Bryant Street Spill Header Upgrade scheduled for construction in FY2021.
- Four of the five underground reservoirs have had major upgrades completed since 2011.
- Construction at Soldiers Home reservoir, the final reservoir slated for major rehabilitation, started early in FY20 and is scheduled to be completed in FY2021
- Minor capital repairs were completed at Ft Stanton No. 1 in FY2019.
- Minor rehabilitation of the Good Hope Elevated Tanks is scheduled for construction in FY2021.
 - Minor asset maintenance projects continue at all vertical facilities as identified through asset management condition assessments

59. Some buildings in the District may be able to benefit by obtaining energy from the methane associated with our sewer system. Is DC Water working with businesses and building owners to inform them about this potential benefit, and how they might access this energy source? Note – it is not recovered methane, but rather recovered heat in the sewers that can be utilized for building heat. Currently there are two buildings in DC heated with this renewable heat source. The resource recovery team is working with developers to determine the feasibility of this technology for future buildings as well, including using the heat as a component of heat in a centralized, district heating system. There are three developers interested in this concept, and we are working on preliminary designs that pull heat from heat laden spots in the sewer systems. We are working closely with DOEE on this, as we want to adhere to the DC building energy reduction plans. While we do not have a project under construction, there is considerable interest in this concept, and the DC Water CEO directed us to fully investigate this, as a means of recovering heat and energy credits from the sewers.

60. In its responses to the Committee’s 2019 performance oversight questions, DC Water reported that it had experienced setbacks in replacing small diameter water mains in the system, due to a backlog I projects in design or ready to bid for construction.

- Did DC Water make up for this delay during FY 2019?
- Is the agency now on schedule to replace on average 1% of small diameter water mains each year over the next 3 fiscal years?

Due to budget constraints in FY2019 and FY2020, DC Water had to defer awarding any new small diameter water main replacement projects in FY2019 in favor of higher priority projects including Clean Rivers and other projects already in construction. As a result, 1.2 miles of water main were replaced in FY2019.

The Capital Improvement Plan approved by the Board in April 2019 includes additional funding for small diameter water main replacement beginning in FY2021. As a result, we expect to bid seven projects in FY2020 totaling over 16 miles of small diameter water main replacements. Construction will be ramping up this fiscal year and into FY2021. We are currently projecting about 2.5 miles to be completed in FY2020 and 11 miles or more in FY2021 and beyond.

The increased funding and schedule delay also afforded us the opportunity to redesign a couple of projects that were previously programmed to be cleaning and lining projects instead of replacement projects. Cleaning and lining of water mains was previously used as a cost-effective means of addressing water quality issues. However, it does not address individual service lines. As a result, any old service lines, including lead lines, are left in place. Converting these projects to replacement projects ensures that any lead service lines will be replaced. All projects being bid in FY2020 are full replacement projects and include replacement of all lead service lines encountered within the public right of way. Individual properties with lead service lines on the private side of the property line are also given the opportunity to have their service line replaced at the same time.

61. Please provide an update on the Water Meter Rehabilitation Project.

- How many water meters has DC Water replaced, to date, and how many more need to be replaced?
- The agency noted in its 2019 performance oversight responses that it had a goal of completing the second phase in 2019 0—did the agency meet that goal?
- In FY 2019 and FY 2020 to date, how many billing inquiries has DC Water received associated with the meter exchange, and how many of those have led to DC Water adjusting a customer’s bill?
- In FY 2019 and FY 2020 to date, how many District residents have been charged retroactively to correct calculation errors by the old water meters? How much, on average, have these residents been charged?

The Water Meter Rehabilitation Projects have resulted in replacement of 87,884 meters and/or meter transmitting units. This has resulted in improvement of the meter transmission rate from 70% at the onset of the project in 2017 to 92% in January 2020. Phase one of the project concluded with the installation of 84,534 units, of which 4,651 installations were in FY 2019. Phase 2 includes approximately 11k meters and/or meter transmitting units to date 3,350 have been installed. There was a delay getting started with Phase 2 installation until October of 2019, this mass installation project is expected address first generation meter transmitting devices. DC Water will continue to have ongoing replacement of more recent models on an annual basis as units age and require replacing.

In Phase 1 of the project(FY 2019), about 1% of the replacements involved customer inquiries ranging from bill questions to setting appointments and bill adjusts of a project total of about \$417k. In Phase 2, we established a dedicated line for the AMI project meters, this line has handled 289 calls with the purpose of establishing appointments for replacement. We have received only 7 inquiries on bill adjustment.

62. Please provide an update on lead service line replacement program in the District, including:

- How many full lead service lines were replaced in FY 2019 and FY 2020, to date?
 - FY 2019 - 406 full lead service line replacements
 - FY 2020 (through January 10, 2020) - 82 full lead service line replacements
 - How many claims did DC Water receive in FY 2019 and FY 2020, to date, to cover costs for contractors to replace the private-side of the lead service line at properties that previously received a partial replacement? (as of 1/29/20):
 - Number of applications: 71
 - Number who completed work with LPRAP: 4
 - Number of submitted invoices: 2
 - Number of payments processed: 2
- How long did it take, on average, for the agency to process these claims? It takes an average of 30 days from the time the application is submitted to when DC Water provides a final deliberation on the submitted Cost Proposal for work. During this period, DC Water assists the contractor and homeowner with gathering any required information that was missing from the original submitted Cost Proposal and correcting inaccurate estimates with data from GIS and in-field

inspections. After work is completed by the contractor and a payment request is sent to DC Water, the claim is processed and paid out in about 7 days.

- How much did these private-side replacements cost, on average? Did DC Water set a cap or other limit on how much it would pay for a private-side partial replacement? A typical private-side replacement averaged approximately \$5,995.00 per customer or \$320.00/linear foot of service line replaced. DC Water has established thresholds for the cost per linear foot of copper pipe, penetration costs, and an allowance for communications and permits. If any of these thresholds are exceeded then a 2nd Cost Proposal is required.
- How many remaining public lead service lines exist in the District? As of January 10, 2020, DC Water's service line data has 10,741 public lead service lines in the District. The data also has 14,679 service lines without data. For planning purposes, DC Water assumes half are lead, bringing the total estimate to 18,081.
 - How many total public lead service lines have been replaced? Through January 10, 2020, there have been 21,978 public-side lead service replacements (since LSR Program inception – 2003/2004); 449 public-side (full and partial) replacements took place in FY 2019.
 - How many remaining partial lead services lines remain? As of January 10, 2020, DC Water's service line data has 11,354 partial lead service lines remaining (11,292 public “non-lead” and private lead + 62 public lead and private “non-lead”).
 - When does DC Water estimate that all public lead service lines will be replaced? DC Water's service line data indicates that there are an estimated 18,081 public-side lead service lines. If 500 public-side lead service lines are replaced per year, it would take 36.16 years to replace the estimated 18,081 lead service lines. DC Water is committed to replacing these lead lines at a faster rate and is actively exploring opportunities to do so.
- How many services lines are currently listed as of “unknown” composition in the agency's database? DC Water's service line data indicates that there are an estimated 31,214 “unknown” service lines (14,679 in public-space and 16,535 in private-space).
 - What efforts has the agency taken to identify the composition of those service lines? DC Water created a program to obtain the pipe material visible at the point of entry (POE) into the home. This material extends into the yard space and therefore indicates at least a portion of the private side. DC Water will be upgrading the Service Line Map this Spring to show the POE pipe material. DC Water also conducts a study using water testing and POE information to estimate the service line. The program can indicate if the service line is lead but cannot confirm the absence of lead.
- How many filtration jugs did the agency provide to residents in FY 2019 and FY 2020, to date? FY 2019 - 456 filtration kits provided (number of full and partial LSRs + PV Only)
- FY 2020 (through January 10, 2020) - 105 filtration kits provided
- Did the agency provide any on-tap filters to residents? No, just pitcher filter kits.

63. Please describe the efforts DC Water made to educate the public about the availability of funding under the lead service line replacement program. What outreach did the agency undertake to alter property owners that had previously received a partial replacement of the need to replace the private-side lead service line, and of the availability of funding for them to do so? DC Water, in partnership with DOEE, has conducted extensive public outreach and marketing to publicize its Customer Assistance Programs and the CRIAC relief program funded by the District. That includes:

- Press releases by DC Water and the DC Government
- Ongoing social media messaging from both DC Water and DOEE
- New dcwater.com/customer-assistance webpage with instructions on how to apply and direct link to application
- Bill messages and bill inserts
- Robocalls to customers with past due balances
- Messages posted on neighborhood listservs and Nextdoor
- Paid digital advertising campaigns
- Paid print advertising
- Paid outdoor advertising on Metrobuses and in Metro stations
- Earned media in newspapers and on local television stations
- Multiple stories on District of Columbia Network (DCN)
- Outreach to ANCs and partner agencies including Office on Aging
- In-person customer engagement including public pop-up events to disseminate information about the programs
- Visits to all 7 senior wellness centers in the District where we engaged with more than 400 seniors
- Message on all customer bill envelopes
- Email to 79,000 customer accounts
- In-house created video showing how easy it is to apply
- Partnership with AARP DC to feature information about CAP programs on their website and Facebook page, in their monthly newsletter and in regional AARP The Bulletin publication
- Outreach to faith community

In October 2019, a direct mailer was sent to about 11,000 properties eligible for the new Lead Pipe Replacement Assistance Program to address past partial replacements. Additionally, from October 2019 to January 2020, a message was included on residential bills promoting the new funds and connecting customers to a designated lead hotline. This message promoting our replacement programs appeared on any bills received by our 108,425 residential customers during that period. DC Water also promoted the program on social media.

Since the Mayor returned the signed legislation on January 14, 2019, DC has visited 25 ANCs, community meetings, and senior wellness centers to share information about the new funds, our three lead pipe replacement programs, free lead testing for residential and commercial properties, the lead map on dcwater.com, and steps to identify service line

material. Additionally, this information was shared at various events around the city including:

- What outreach did the agency undertake to alter property owners that had previously received a partial replacement of the need to replace the private-side lead service line, and of the availability of funding for them to do so?
- From October 2019 to January 2020, any bill received by our 108,425 residential customers included a message about new funds for lead pipe replacement. The message also included our newly established lead hotline, which connects customers to staff that can assist customers with accessing data on their service line material, and provide customers with next steps, whether that be free lead testing to identify potential lead sources, the Assistance Program for partial replacements, the Voluntary Replacement Program for full replacements, or an upcoming opportunity for a free replacement during a capital improvement project. DC Water staff interacted with many customers at the 25 ANC and community meetings over the year, and information about our lead programs was also promoted on social media.
- What educational or other materials did the agency provide to property owners who received a replacement in FY 2019 and FY 2020, to date, regarding needed filtration of the water following a replacement? DC Water provides information in advance of planned capital improvement project work and after other lead pipe replacement work on the need to flush plumbing and filter water. This information is provided in a booklet and inside filter kits. Customers also receive a phone call and a reminder postcard each week for four weeks following a lead pipe replacement.

64. Please describe the status of DC Water's plan to install solar panels over its roofs, tanks, and on other property. Has Phase I been completed? How many Phases does the agency anticipate, and what is the full timeline for the project? Phase I is under construction, but behind schedule. Phase I, when completed, will produce 4.5 MW of power during daylight hours. The signed PPA will save DC Water \$500K/year in power costs. Phase I is expected to be operational in the first quarter of 2021. Phase II over the secondary and nitrification settling tanks, producing 10 MW of power. Negotiations are ongoing with Ameresco for Phase II. The proposed PPA price and terms were rejected by DC Water, as they did not offer enough value. We are now evaluating other options for this portion of the project, as we own the Phase II 60% design, a requirement of Phase I contract. Also: Community Solar installations at Brentwood Reservoir and Fort Stanton Reservoir. DC Water continues to champion development of a solar farm at two reservoir locations to serve our operational needs, and provide battery storage, while supporting the DC Community Solar for All program to bring alternative energy to low-income residents. We have continued exploration of the solar potential at these sites, in collaboration with Urban Ingenuity / National Housing Trust (NHT), to maximize the value for DC Water ratepayers and the community we serve while providing increased resiliency for our operations.

65. Please describe DC Water's progress in implementing the Water Quality Assurance Amendment Act of 2012. Has the data been reviewed by EPA, and posted on the agency website? If so, please provide a link to that data.

DC Water completed sample collection for EPA's Unregulated Contaminant Monitoring Rule 4 in November 2018. DC Water submitted the report to the Mayor on June 14, 2019. The data is on DC Water's website at <https://www.dewater.com/UCMR4results>.

On May 29, 2019, EPA notified DC Water that they will not review the UCRM data in the database. As of January 27, 2020, the database still shows that EPA has not approved the data.

66. In the agency's answers to the Committee's FY 2019 performance oversight questions, DC Water stated that a list of potential members for the Water Quality Advisory Panel was submitted to the Mayor in March 2018. The Council has yet to see these nominations come across from the Executive.

- Did the agency receive an update in FY 2019 or FY 2020, to date, on the status of these nominations?
- What next steps is the agency planning to move these nominations forward?

The Agency has not received a response from the District regarding the Water Quality Advisory Panel. The March 2018 submission listed people that are no longer serving in their roles. We will work to develop a revised list of recommended nominees to be sent to the Mayor Office.

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1-17-20

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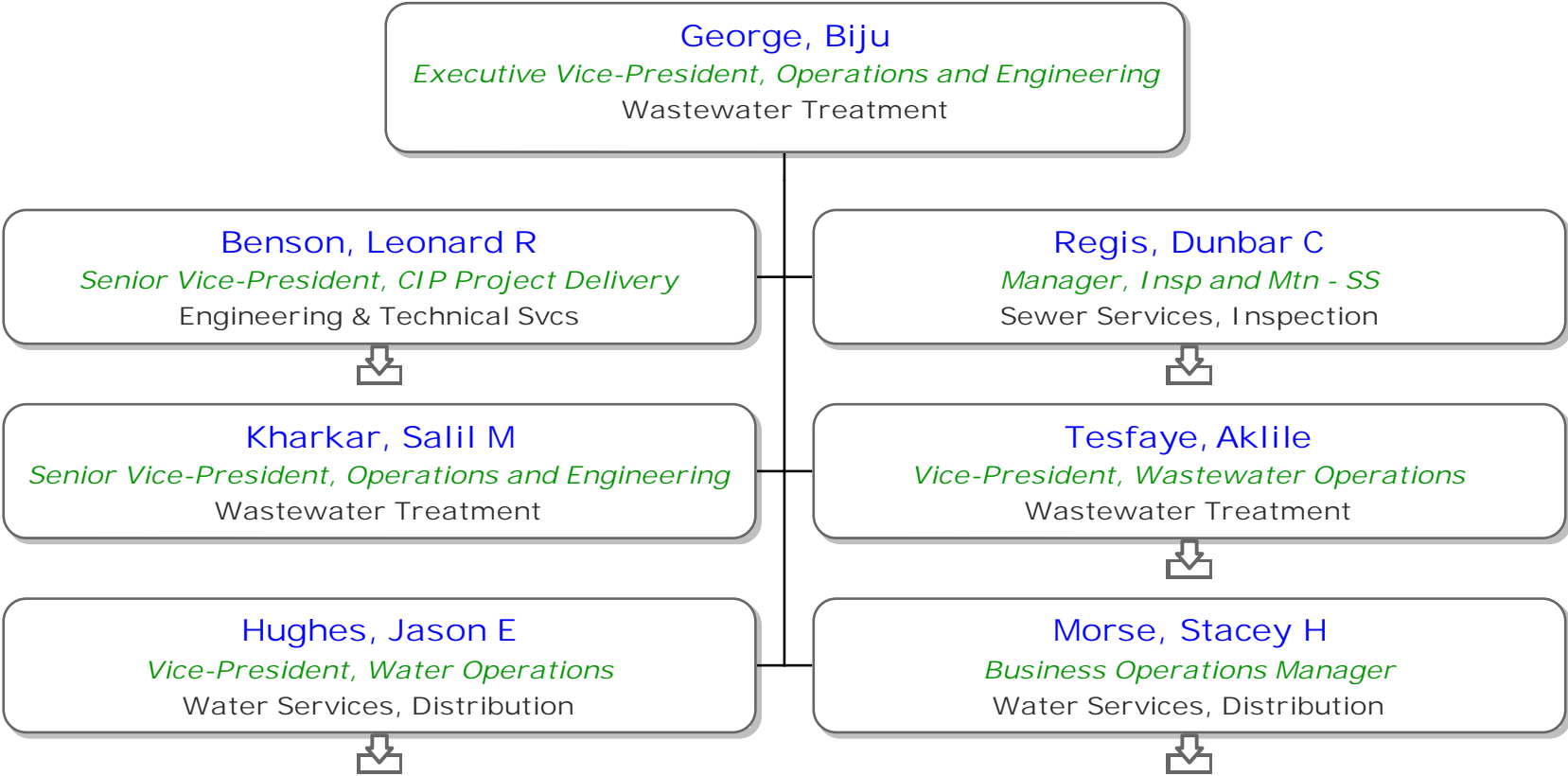
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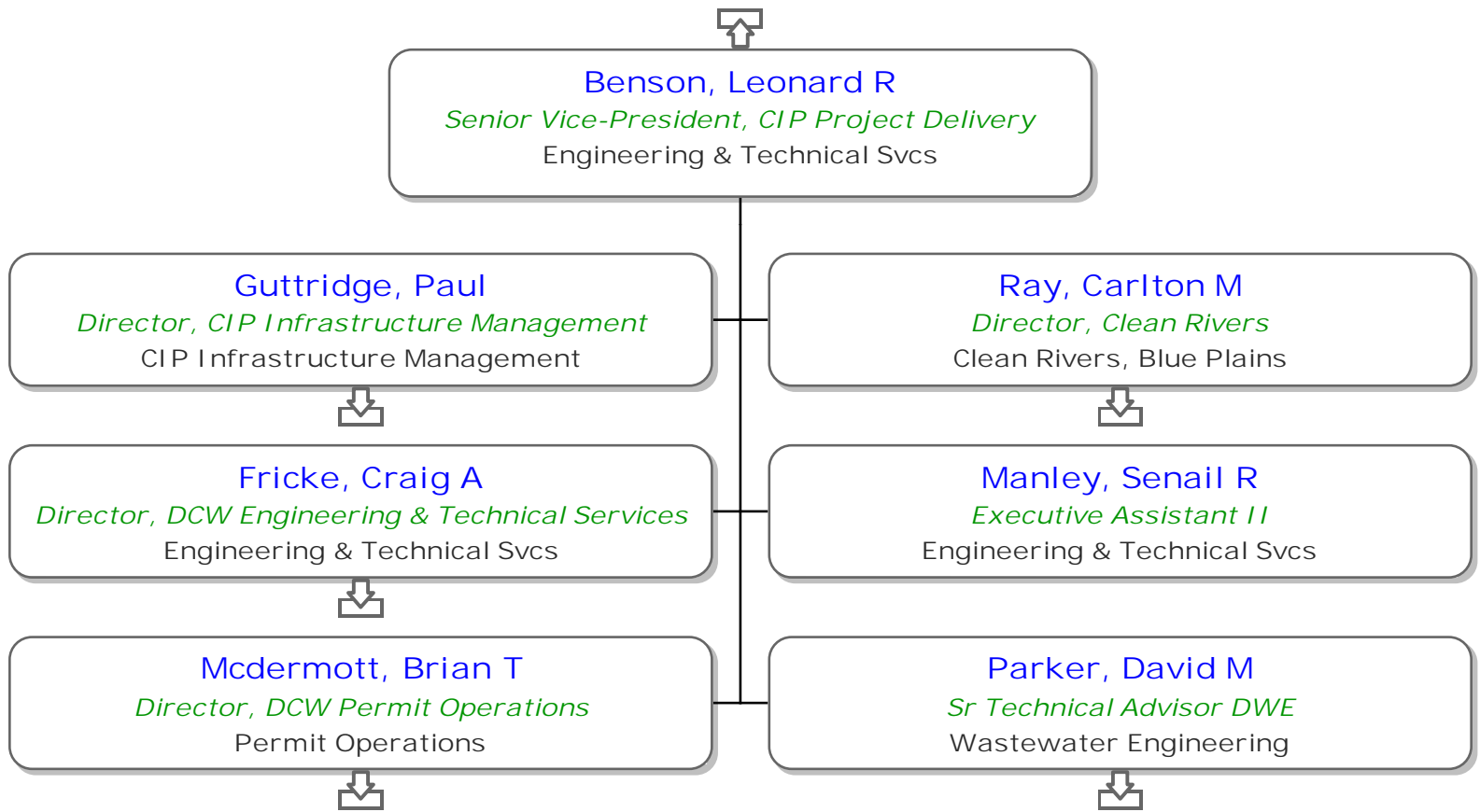
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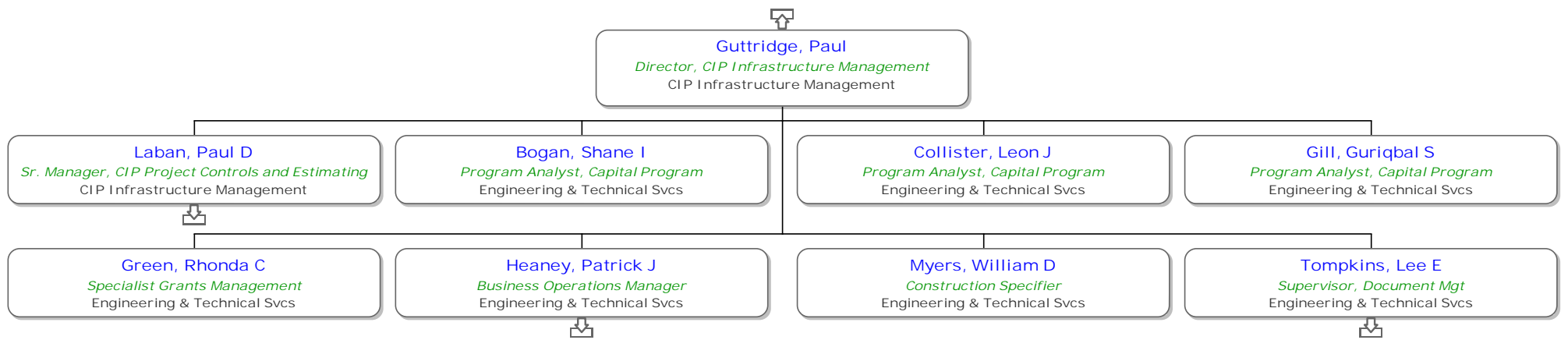
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Laban, Paul D
Sr. Manager, CIP Project Controls and Estimating
CIP Infrastructure Management

Green, Ermon L
Specialist II Cap Improv Prog
Engineering & Technical Svcs



Heaney, Patrick J
Business Operations Manager
Engineering & Technical Svcs



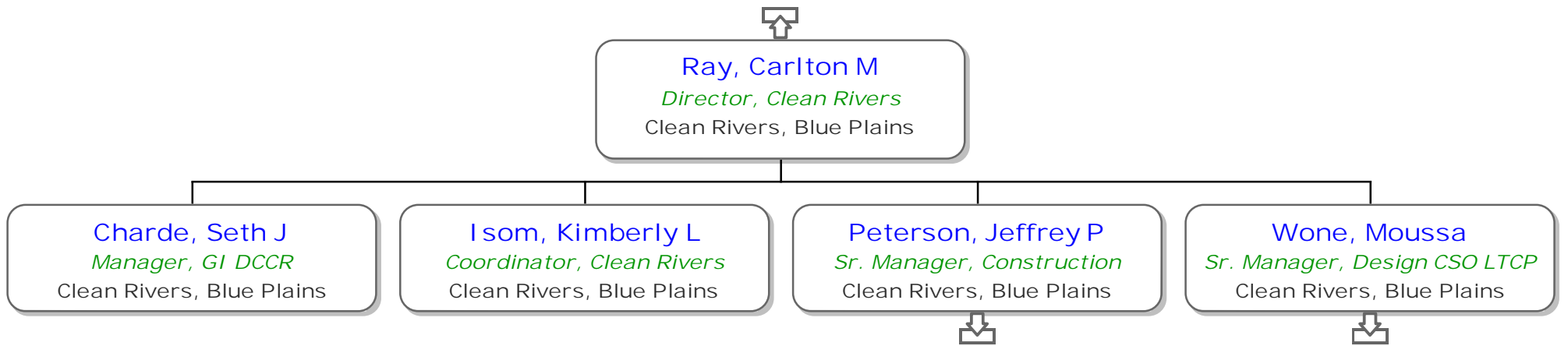
Barnes, Michael L
Engineering Systems Analyst
Engineering & Technical Svcs



Tompkins, Lee E
Supervisor, Document Mgt
Engineering & Technical Svcs

Elliby, William
Tech Info Program Specialist
Engineering & Technical Svcs

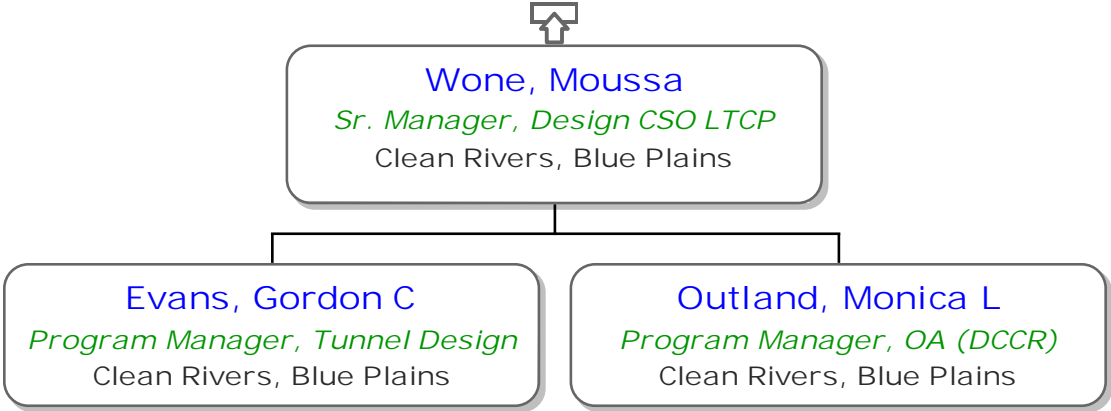
Hunter, Esther E
Specialist, Document Mgt
Engineering & Technical Svcs

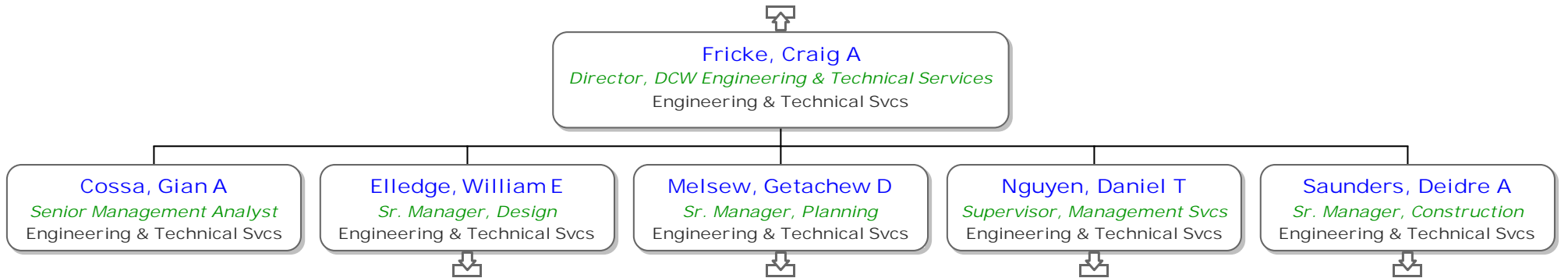


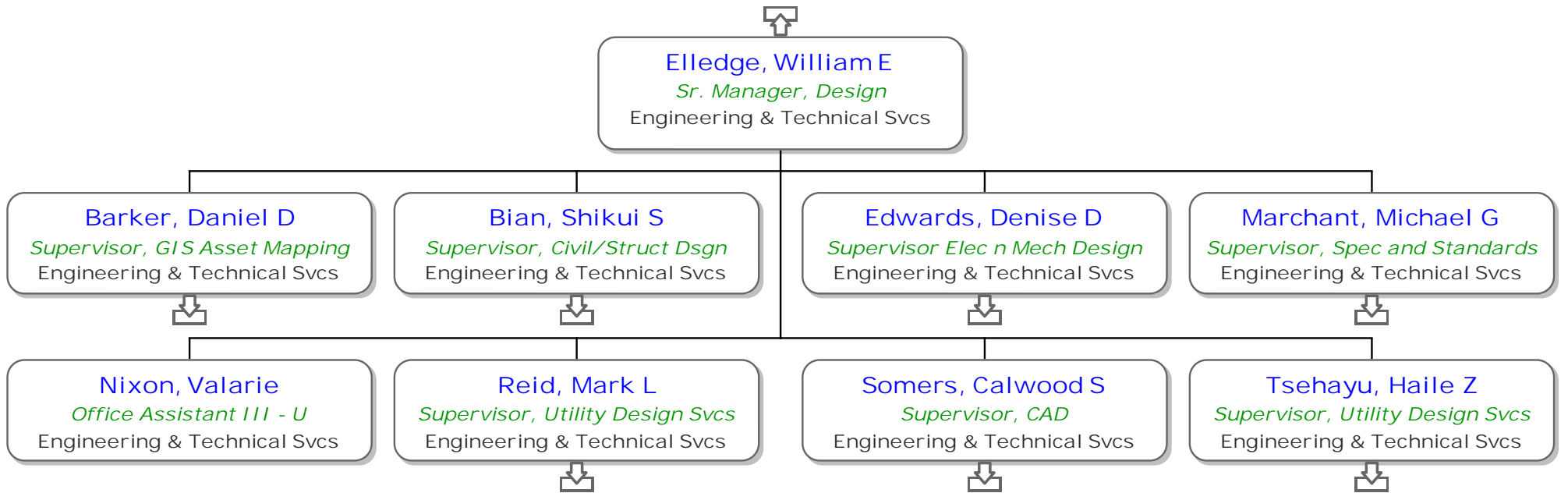


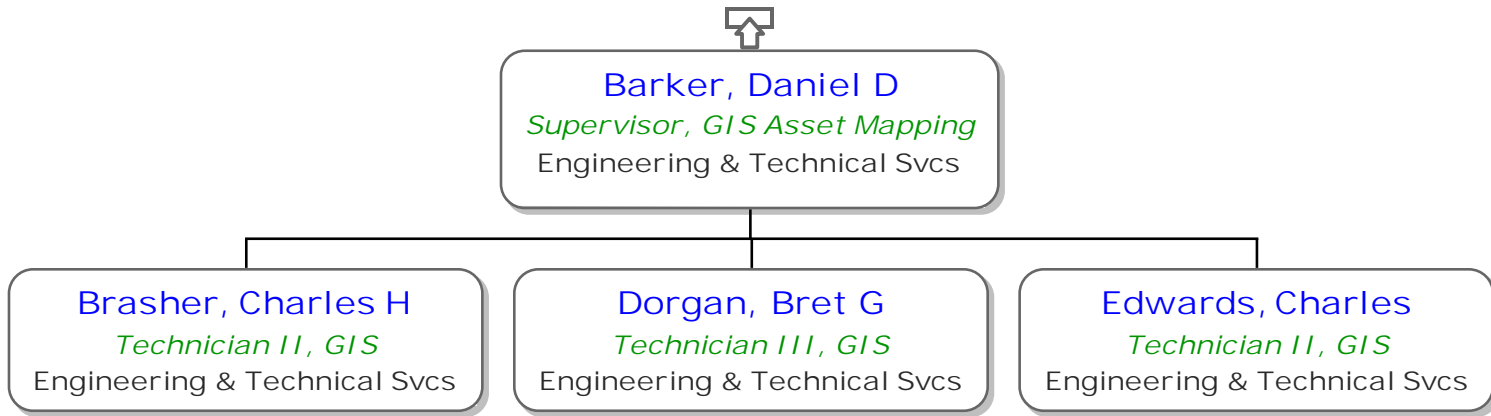
Peterson, Jeffrey P
Sr. Manager, Construction
Clean Rivers, Blue Plains

Brennan, Garry L
Program Manager, Tunnel Constr
Clean Rivers, Blue Plains











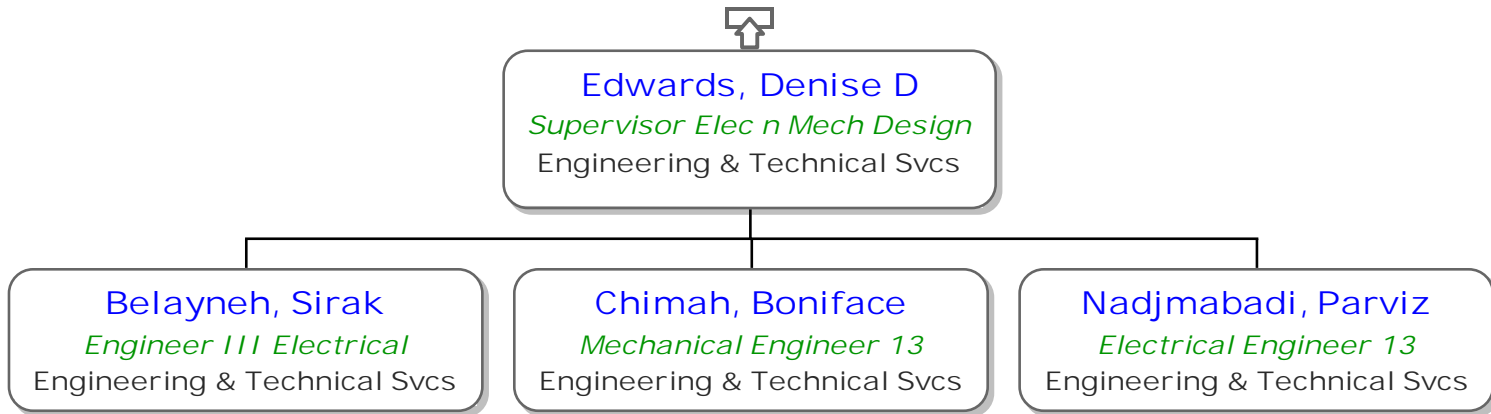
Bian, Shikui S
Supervisor, Civil/Struct Dsgn
Engineering & Technical Svcs

He, Qi
Engineer III, Structural
Engineering & Technical Svcs

Qureshi, Muhammad T
Engineer III, Civil - Geotech
Engineering & Technical Svcs

Soni, Satish
Engineer III, Structural
Engineering & Technical Svcs

Zhao, Renning
Engineer III, Civil Design
Engineering & Technical Svcs





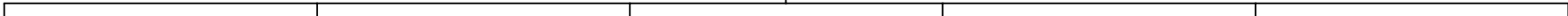
Marchant, Michael G
Supervisor, Spec and Standards
Engineering & Technical Svcs

Choukhachian, Edik
Technical Writer Engineering
Engineering & Technical Svcs

Robbins, Raymond H
Supervisor Specifications
Engineering & Technical Svcs



Reid, Mark L
Supervisor, Utility Design Svcs
Engineering & Technical Svcs



Douglas, Susaye S
Engineer III, Civil Design
Engineering & Technical Svcs

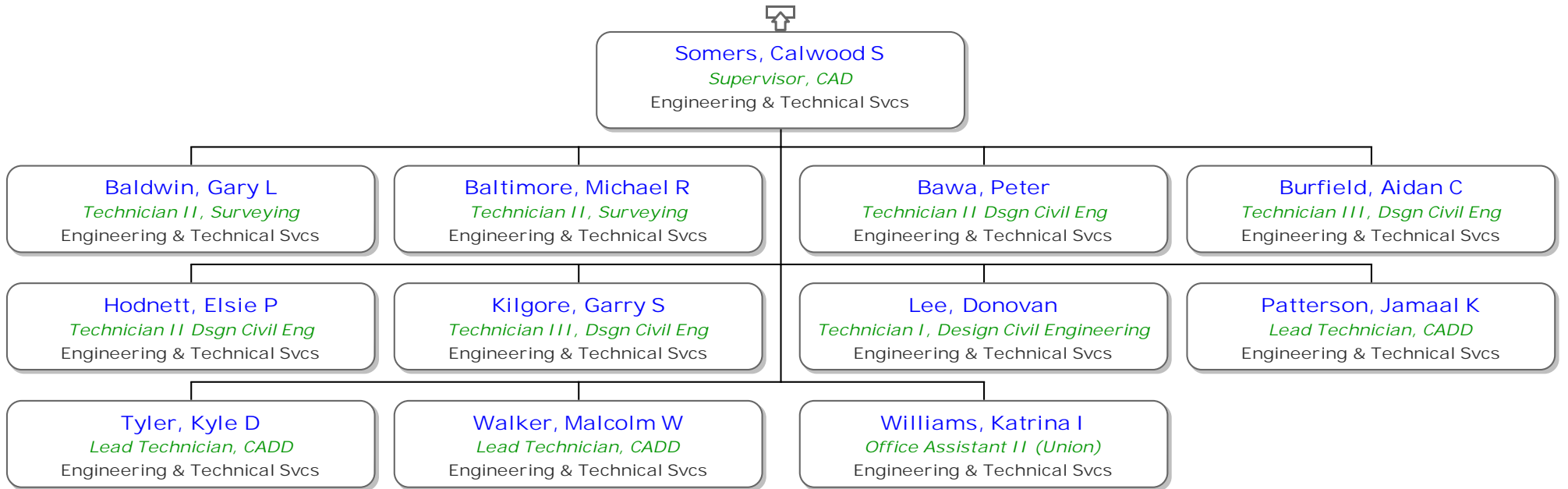
Du, Diem-Chau D
Civil Engineer 12
Engineering & Technical Svcs

Essien, Sema U
Engineer III, Civil Design
Engineering & Technical Svcs

Kaynak, Burak
Engineer III, Civil Design
Engineering & Technical Svcs

Kidanemariam, Yonas T
Engineer III, Civil Design
Engineering & Technical Svcs

Menker, Nahome T
Engineer I, Civil (Design)
Engineering & Technical Svcs





Tsehayu, Haile Z
Supervisor, Utility Design Svcs
Engineering & Technical Svcs

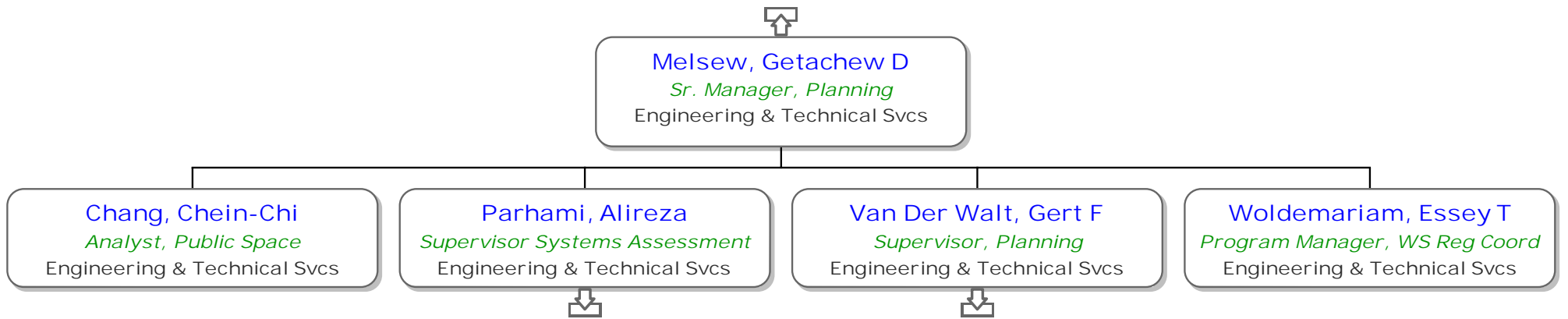
Arguello, Louis D
Supervisor, Inter PIng & Permitting
Engineering & Technical Svcs

Kelley, Peter
Engineer III, Civil Design
Engineering & Technical Svcs

Macneil, Susan L
Engineer III, Civil Design
Engineering & Technical Svcs

Philpotts, Shayne O
Engineer III, Civil Design
Engineering & Technical Svcs

Tura, Zed T
Engineer III, Civil Design
Engineering & Technical Svcs





Parhami, Alireza
Supervisor Systems Assessment
Engineering & Technical Svcs

Abebe, Bisrat
Program Manager, CIP
Engineering & Technical Svcs

Baranova, Tatiana N
Engineer III, Civil Design
Engineering & Technical Svcs

Elahi, Rizwan
Engineer III, Civil Design
Engineering & Technical Svcs

Gadiparthi, Srinivasa R
Engineer III, CS Modeling
Engineering & Technical Svcs



Van Der Walt, Gert F
Supervisor, Planning
Engineering & Technical Svcs

Abate, Bethel
Engineer III, Civil Design
Engineering & Technical Svcs

Garcia, Maria Ella D
Program Manager, CIP
Engineering & Technical Svcs

Ofori, Samuel O
Program Manager, CIP
Engineering & Technical Svcs

Ranasinghe Kankanamalage D, Pubudu M
Engineer III, Civil Design
Engineering & Technical Svcs



Nguyen, Daniel T
Supervisor, Management Svcs
Engineering & Technical Svcs



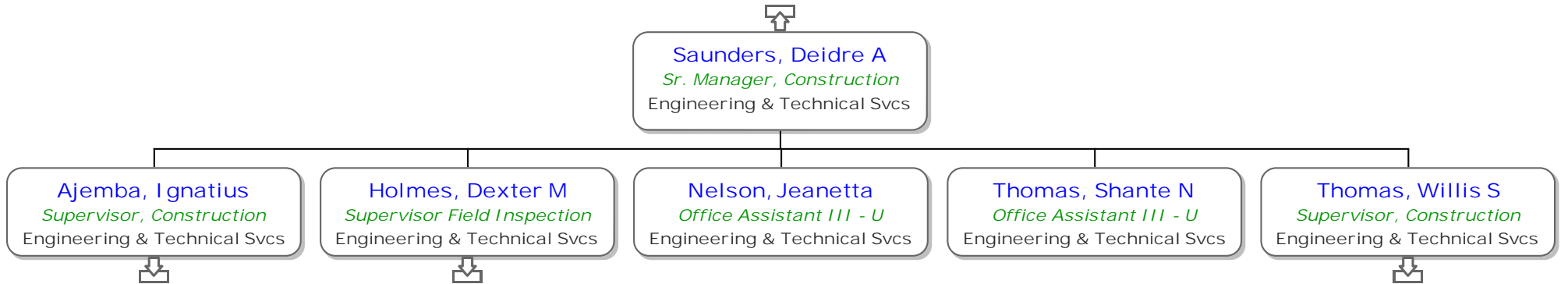
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Supervisor, Construction QA
Engineering & Technical Svcs

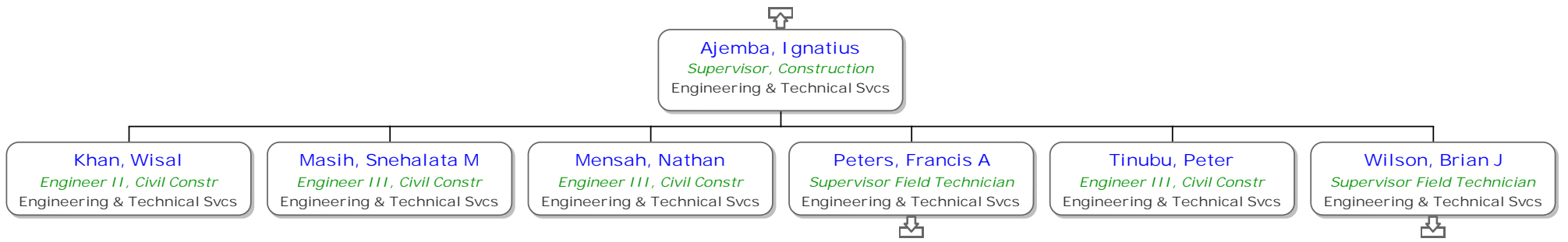


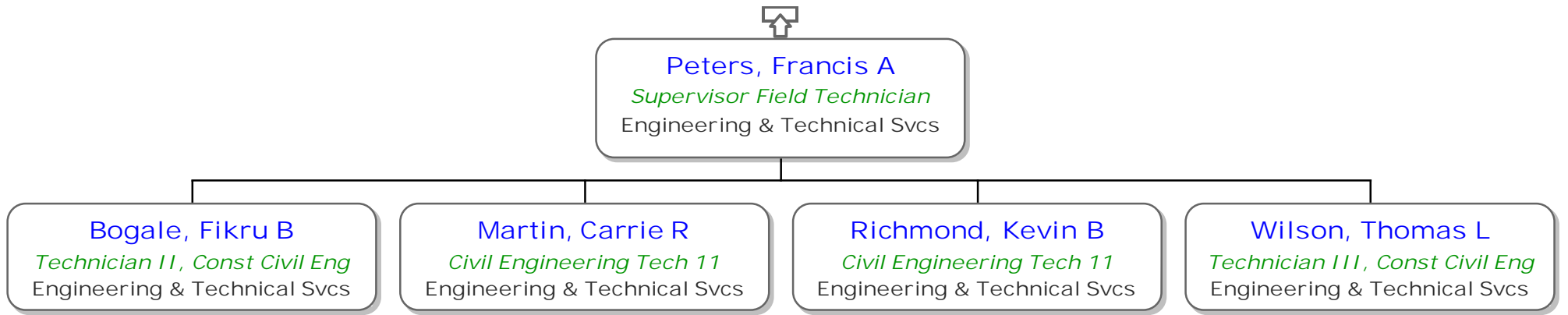


Vaneman, Timothy S
Supervisor, Construction QA
Engineering & Technical Svcs

Glover, Kenneth D
Technician III, Const Civil Eng
Engineering & Technical Svcs









Wilson, Brian J
Supervisor Field Technician
Engineering & Technical Svcs

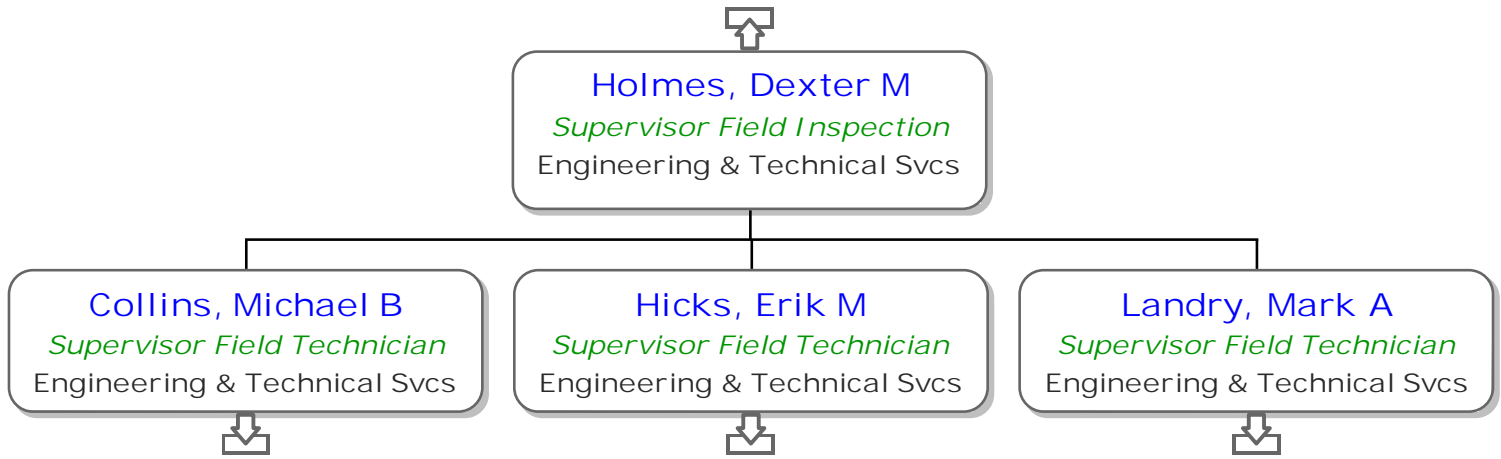
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Engineering & Technical Svcs

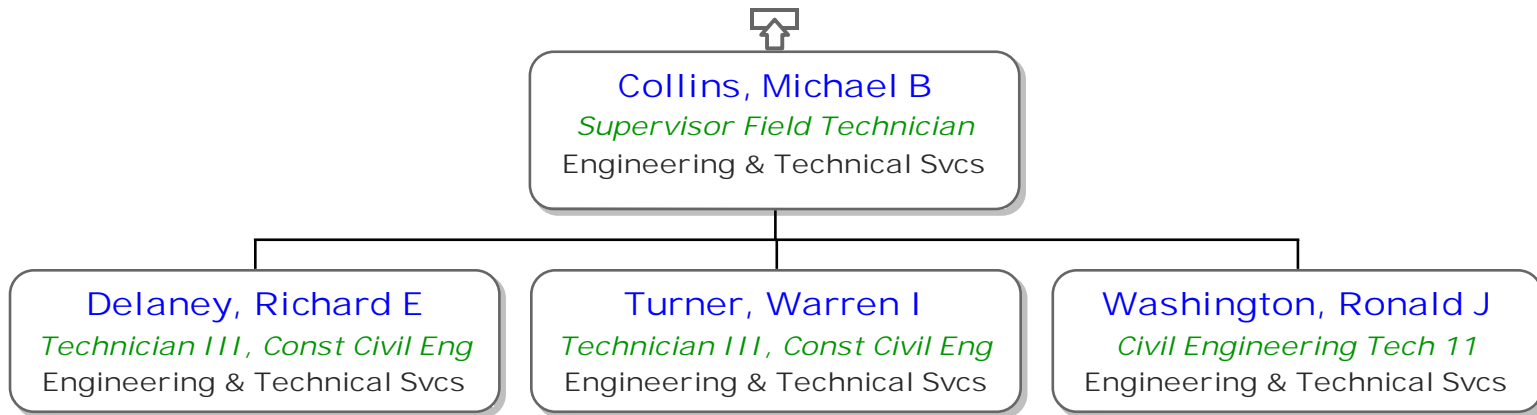
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Engineering & Technical Svcs

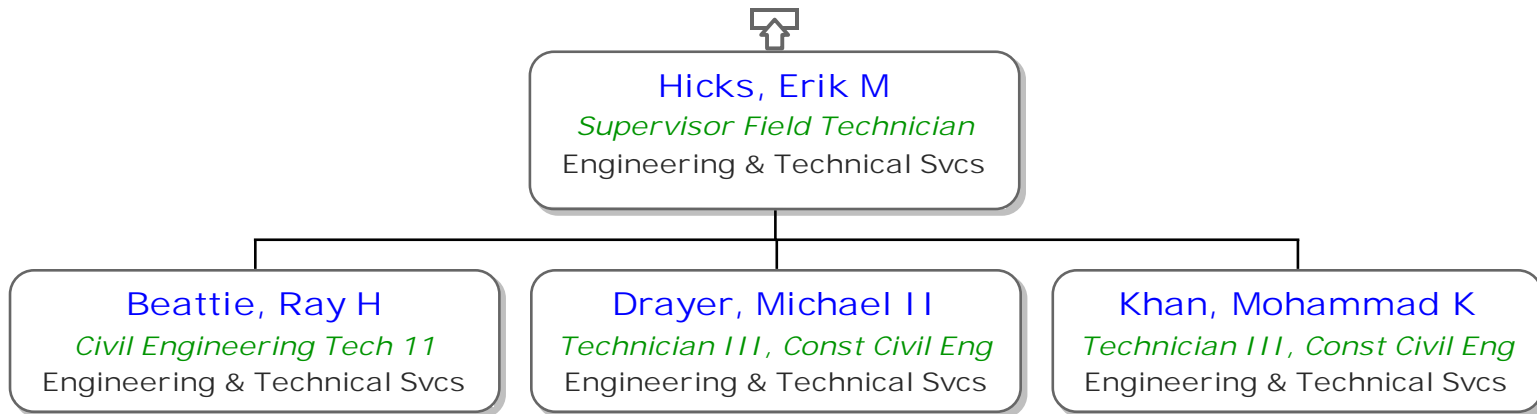
Milton, Barbara J
Civil Engineering Tech 11
Engineering & Technical Svcs

Scipio, Paul W
Technician II, Const Civil Eng
Engineering & Technical Svcs

Yoda, Alex M
Technician III, Const Civil Eng
Engineering & Technical Svcs









Landry, Mark A
Supervisor Field Technician
Engineering & Technical Svcs

Adu-Gyamfi, Francis
Technician III, Const Civil Eng
Engineering & Technical Svcs

Bascom, Henry
Technician III, Const Civil Eng
Engineering & Technical Svcs

Carter, Patricia D
Technician II, Const Civil Eng
Engineering & Technical Svcs

Quattlebaum, Jermaine C
Technician III, Const Civil Eng
Engineering & Technical Svcs

Spargo, Christopher S
Technician III, Const Civil Eng
Engineering & Technical Svcs



Thomas, Willis S
Supervisor, Construction
Engineering & Technical Svcs

Gigova, Maria M
Engineer III, Civil Constr
Engineering & Technical Svcs

Giles, Howard J III
Technician III, Const Civil Eng
Engineering & Technical Svcs

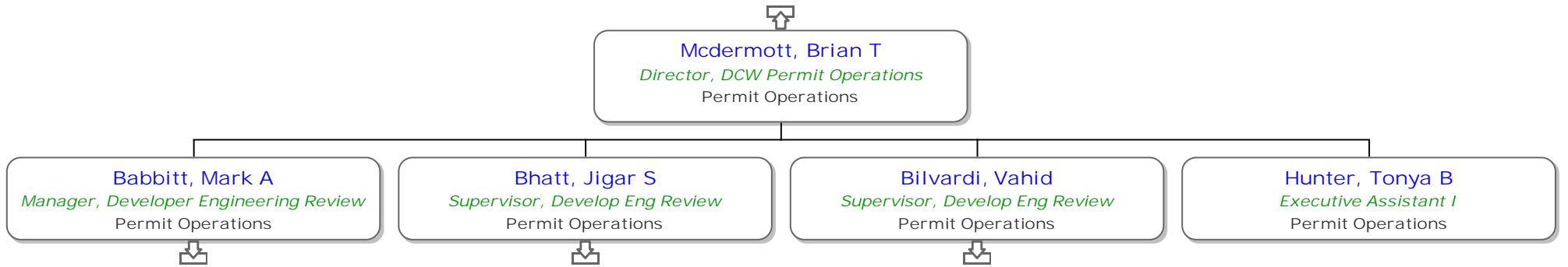
Jennings, Timothy A
Technician III, Const Civil Eng
Engineering & Technical Svcs

Lucas, Jonathan L
Technician III, Const Civil Eng
Engineering & Technical Svcs

Singh, Sukhchain
Engineer II, Civil Constr
Engineering & Technical Svcs

Staten, Leroy
Electrical Engineering Tech
Engineering & Technical Svcs

Wilson, Jeffrey L
Technician III, Const Civil Eng
Engineering & Technical Svcs





Babbitt, Mark A

Manager, Developer Engineering Review
Permit Operations

Caver, Jaton V

Commercial Acct Assoc PO
Permit Operations

Contee, Ruth N

Coordinator, Intake and DM PO
Permit Operations

Gorrell, John W

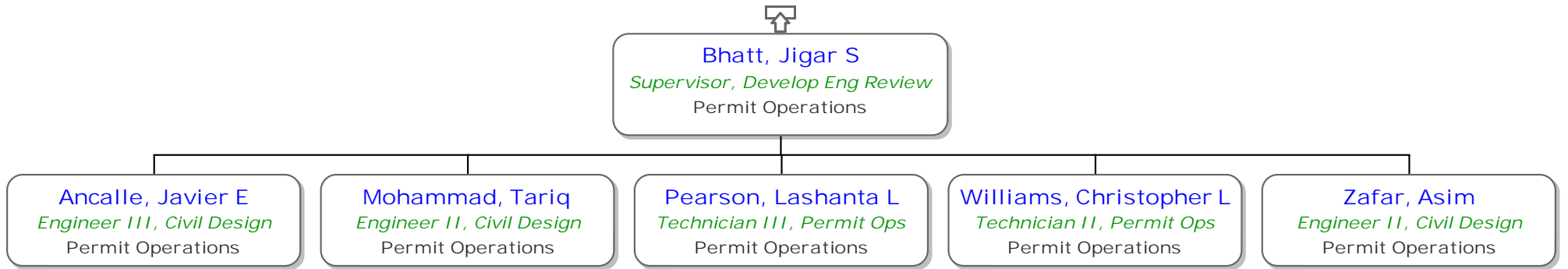
Coordinator, Intake and DM PO
Permit Operations

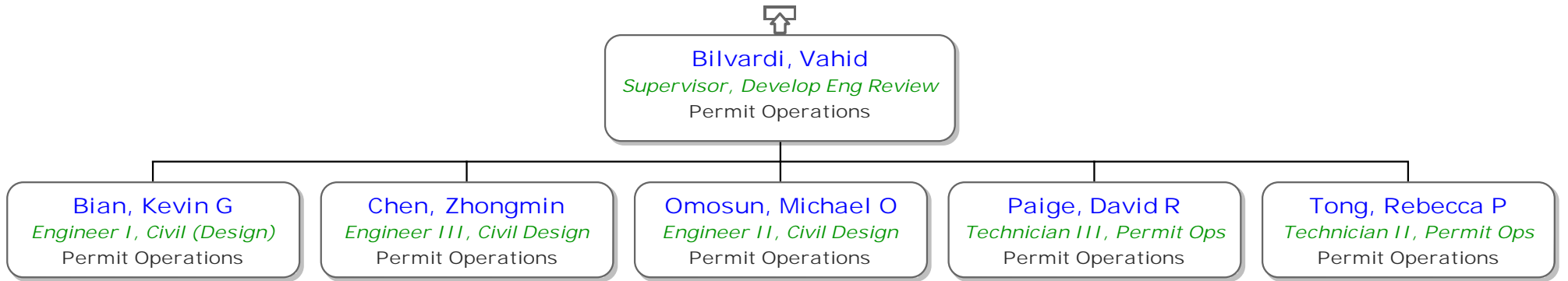
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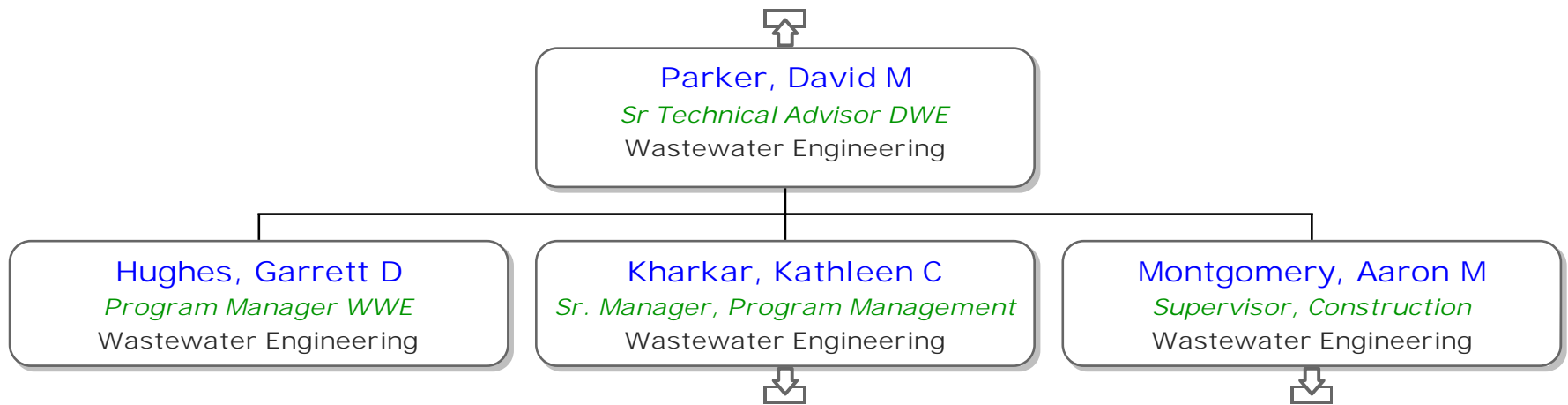
Specialist, Easement/Covenants
Permit Operations

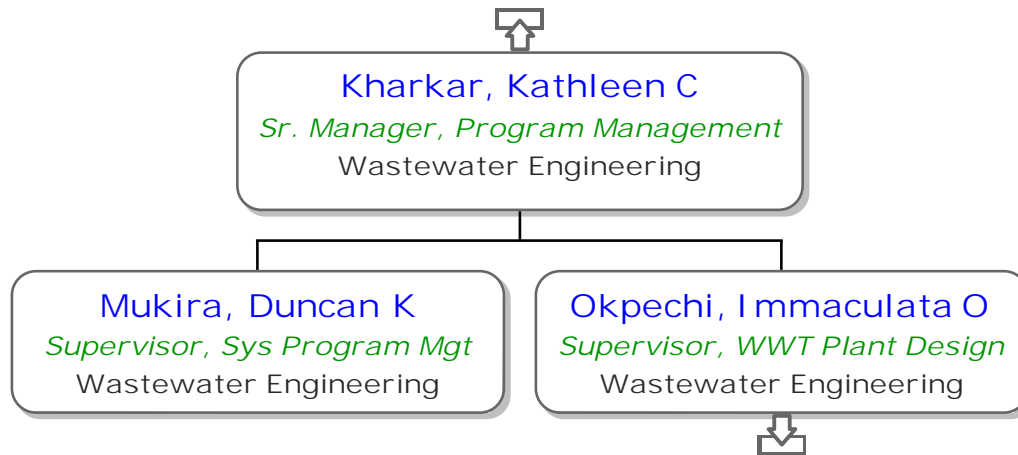
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Commercial Acct Assoc PO
Permit Operations







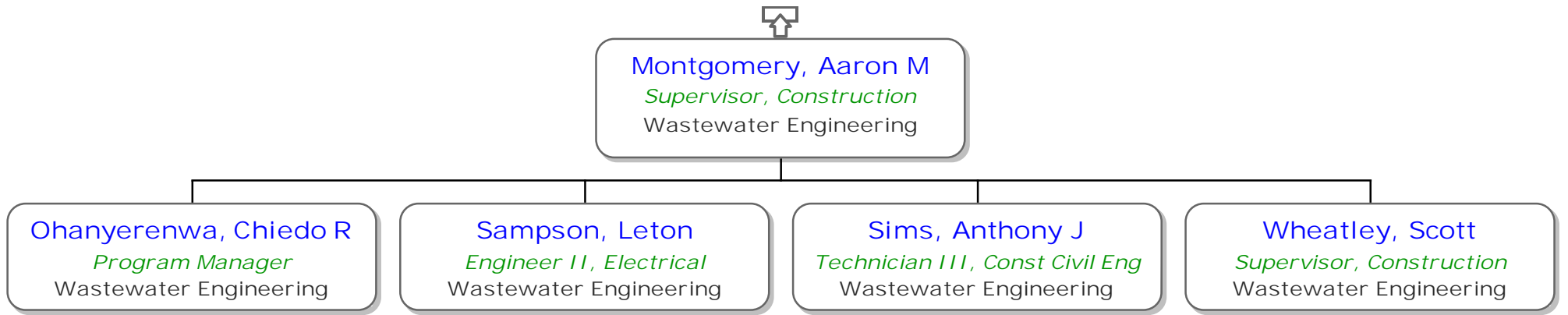


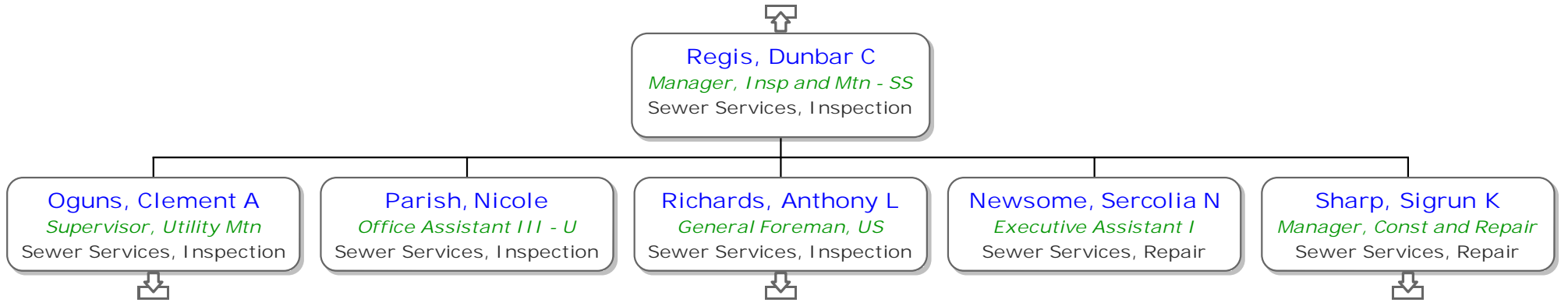


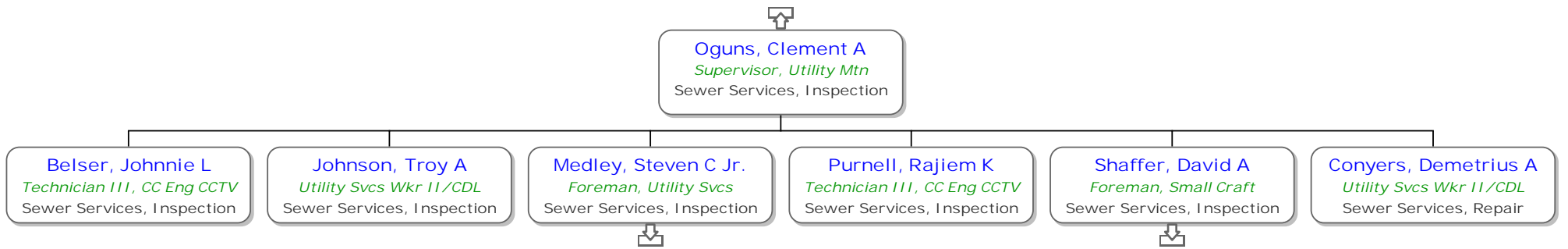
Okpechi, Immaculata O
Supervisor, WWT Plant Design
Wastewater Engineering

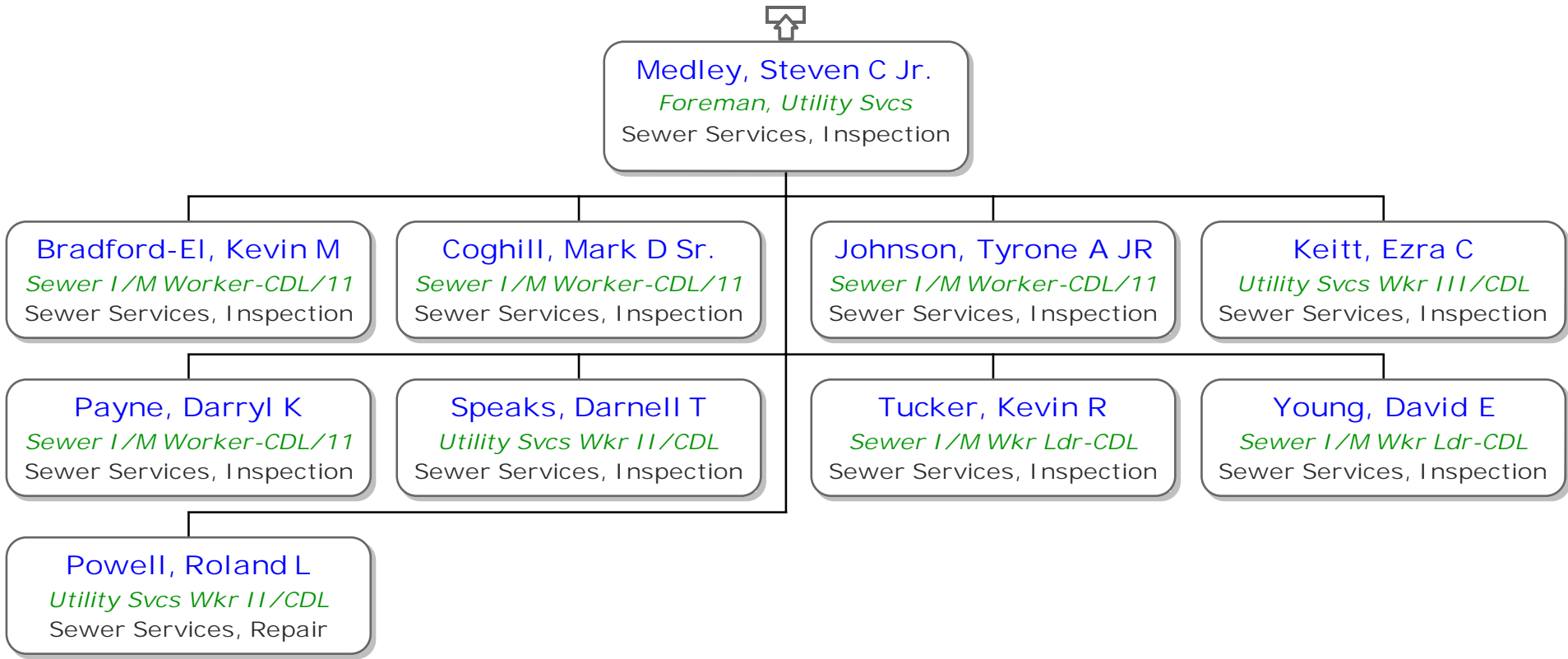


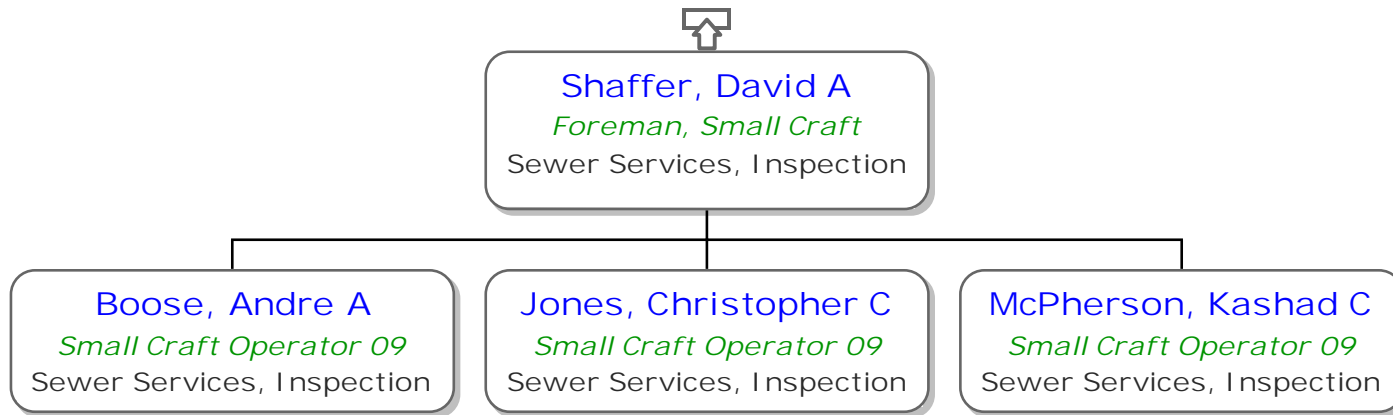
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Civil Engineer 13
Wastewater Engineering

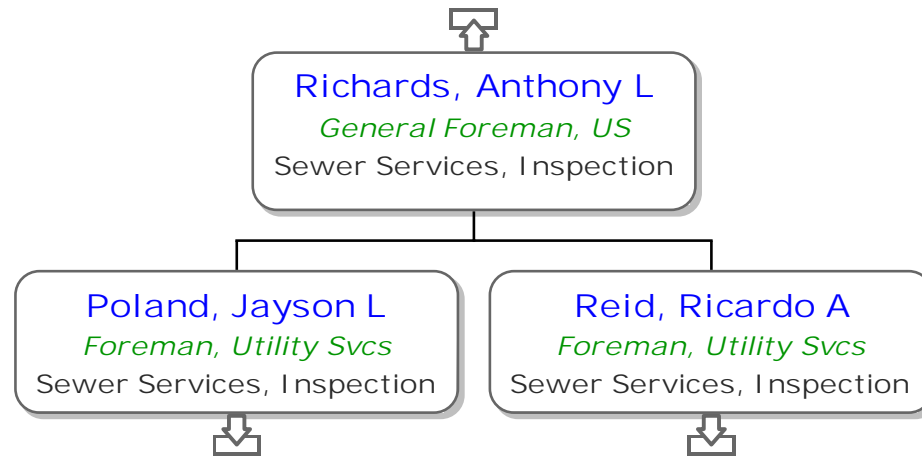


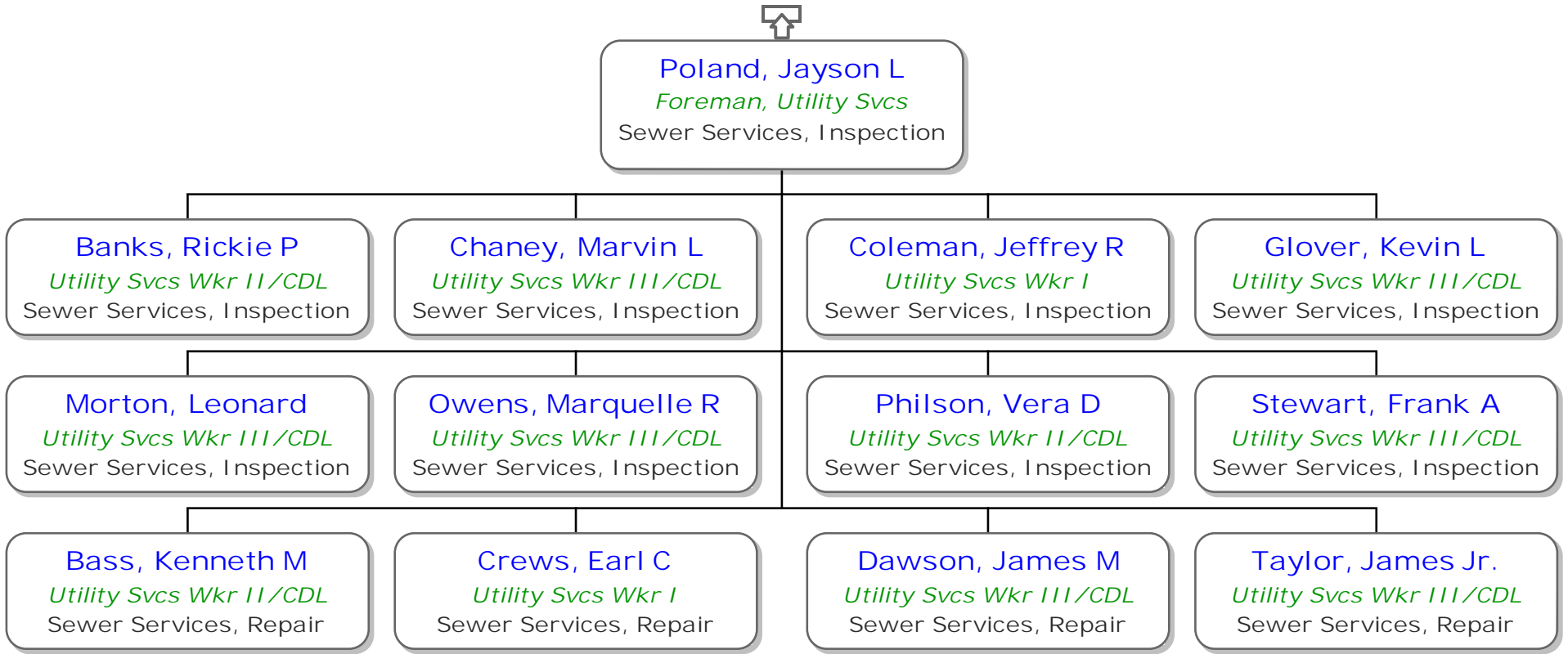














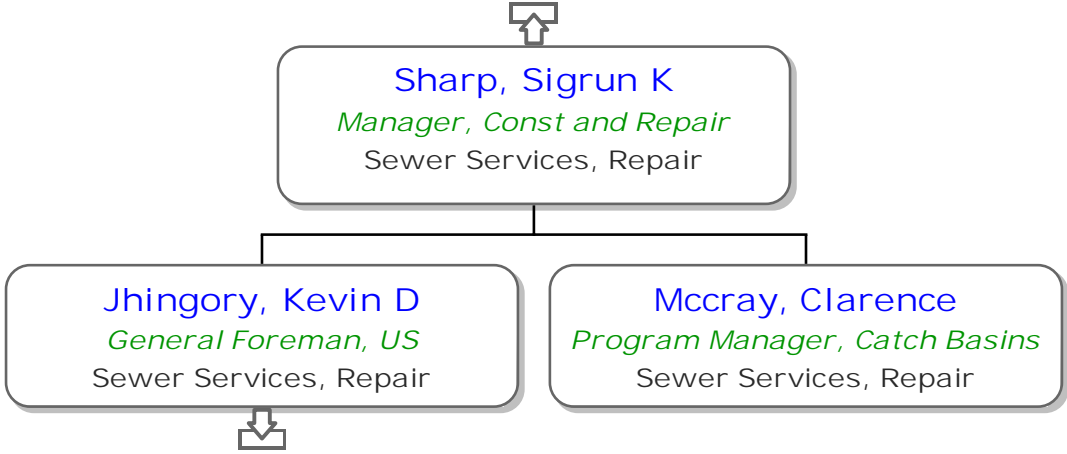
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Foreman, Utility Svcs
Sewer Services, Inspection

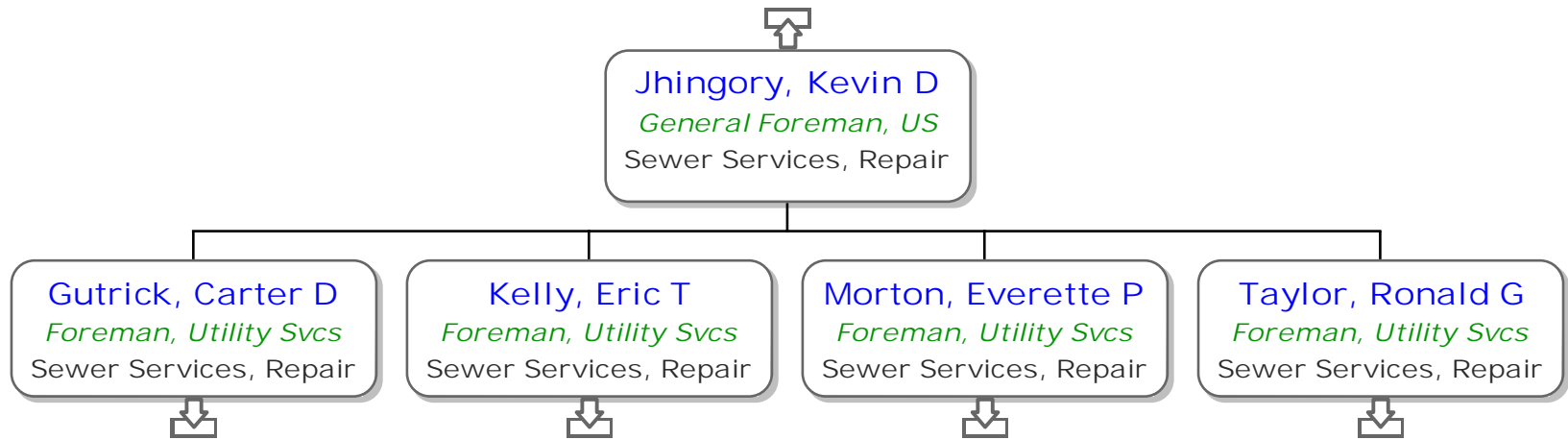
Herbert, James C
Utility Svcs Wkr III/CDL
Sewer Services, Inspection

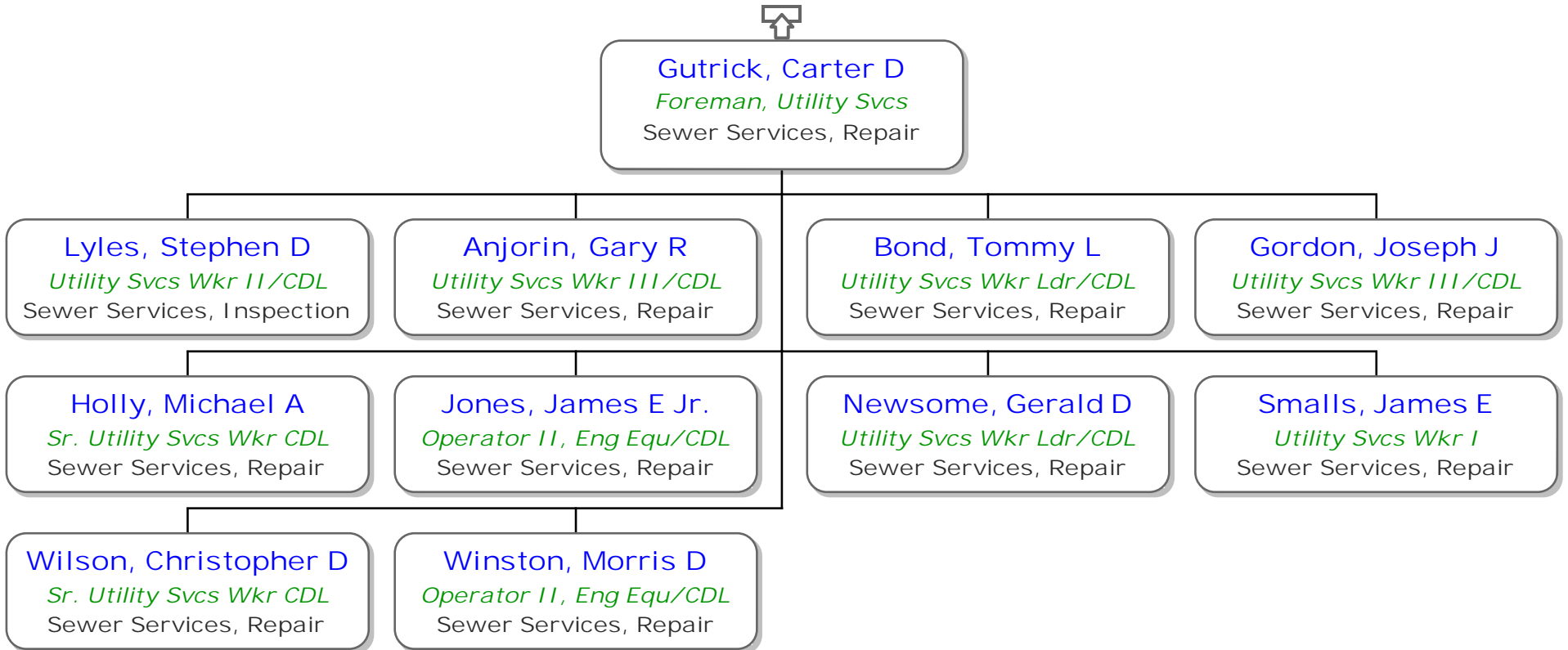
Wiley, Jonathan
Sr. Utility Svcs Wkr CDL
Sewer Services, Inspection

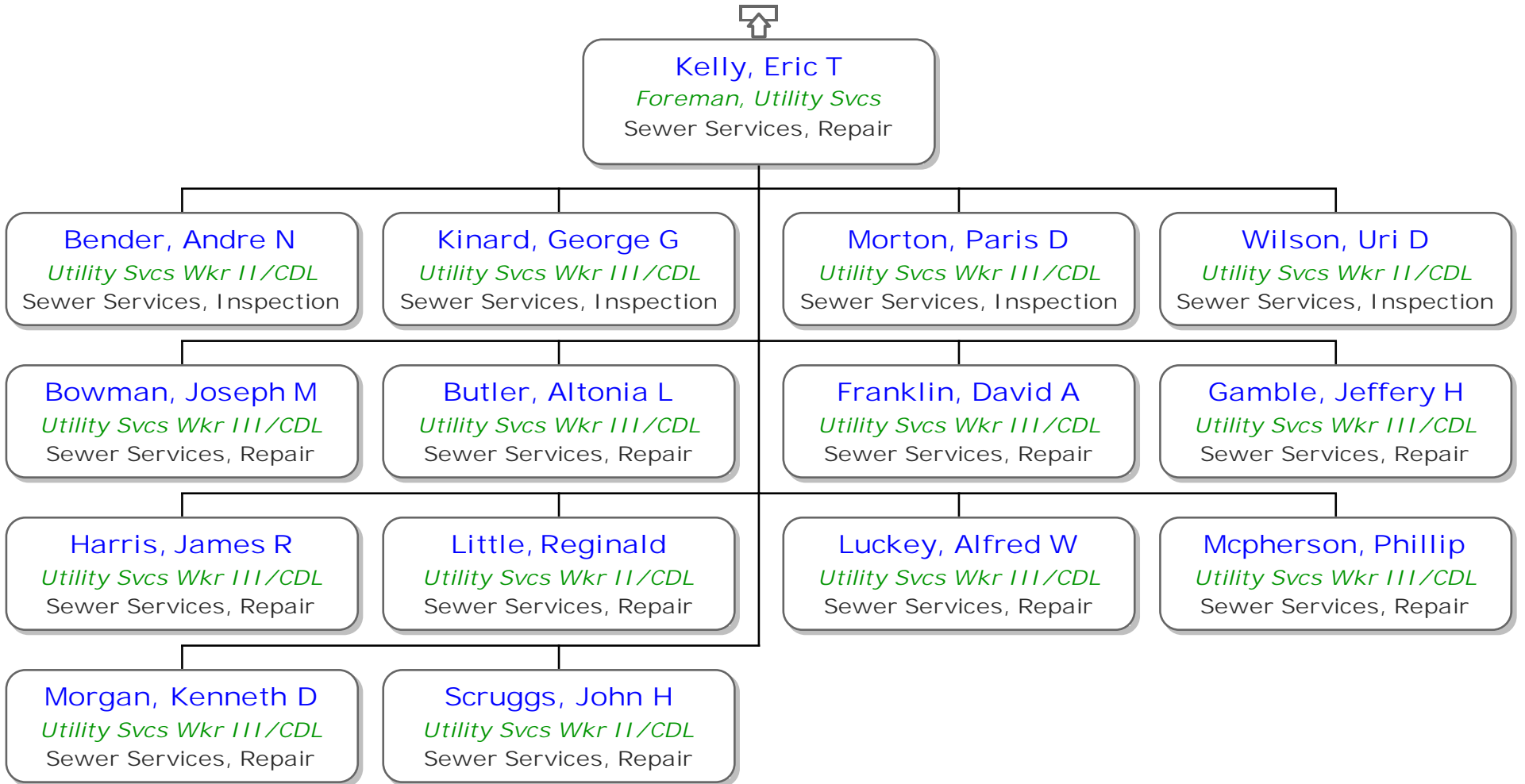
Hunter, Terrance
Utility Svcs Wkr III/CDL
Sewer Services, Repair

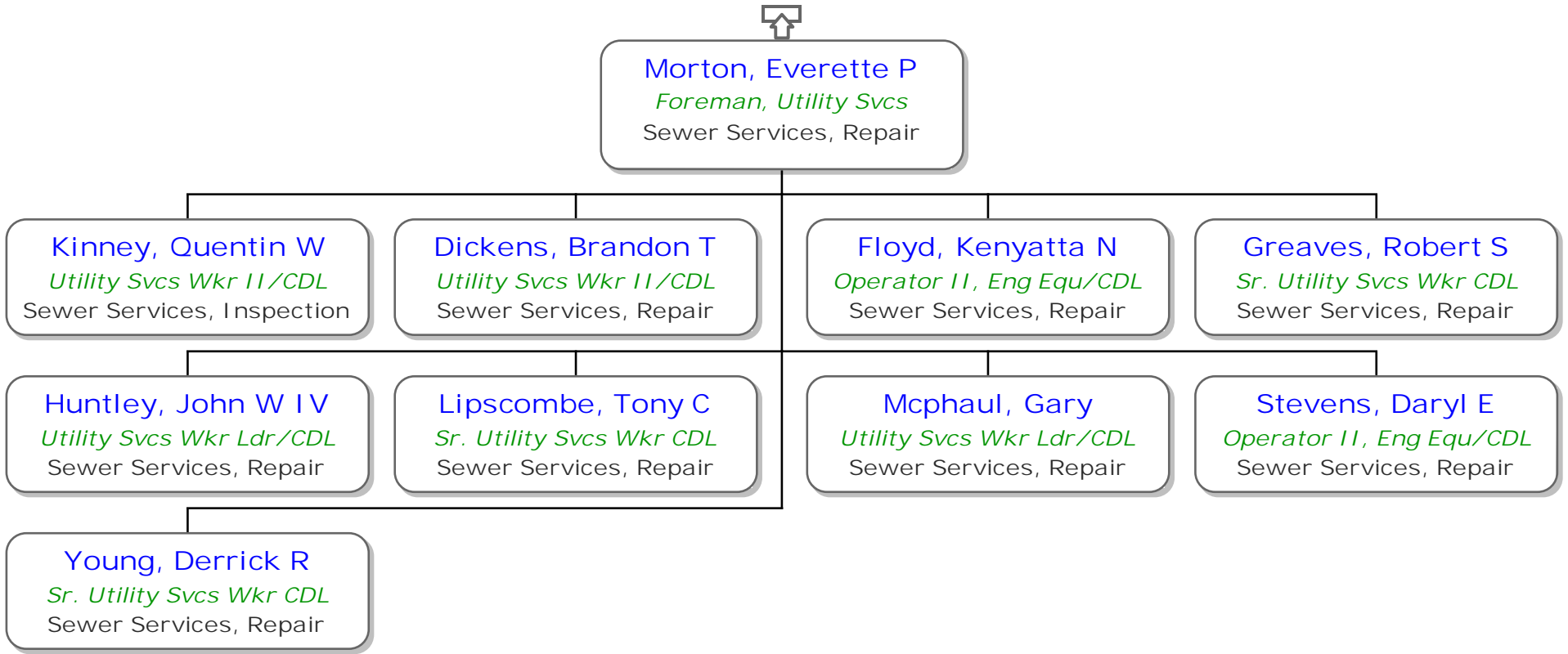
Ramos, Wilber A
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Sewer Services, Repair





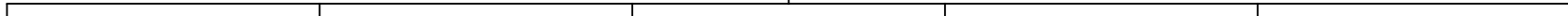








Taylor, Ronald G
Foreman, Utility Svcs
Sewer Services, Repair



Davis, Gregory T
Operator II, Eng Equ/CDL
Sewer Services, Repair

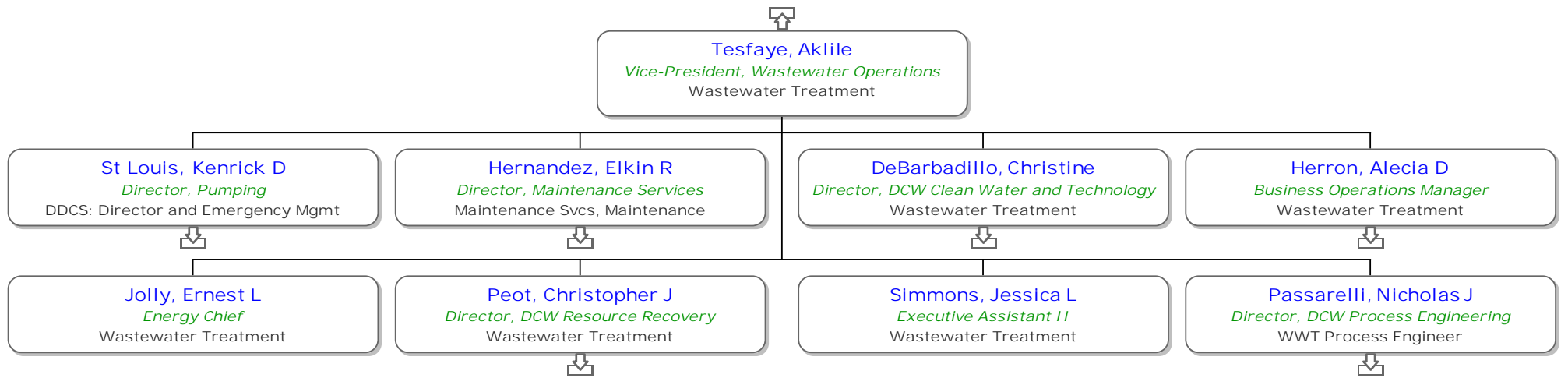
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Utility Svcs Wkr Ldr/CDL
Sewer Services, Repair

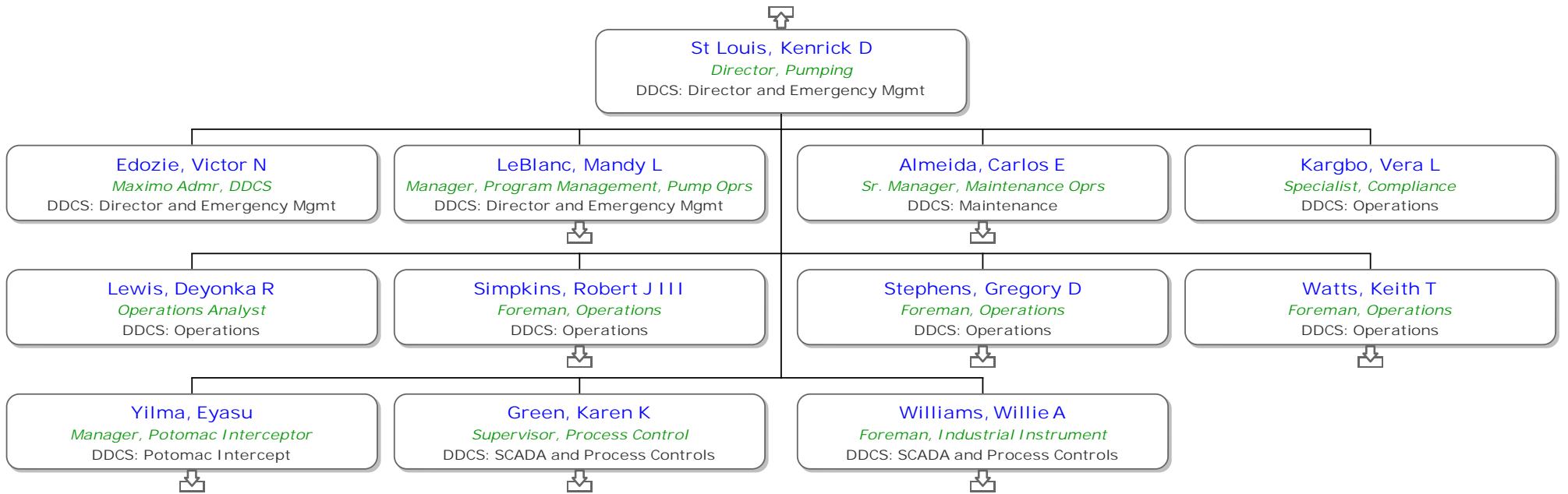
Poge, Kevin D
Utility Svcs Wkr Ldr/CDL
Sewer Services, Repair

Shaw, Tony E Jr.
Utility Svcs Wkr II/CDL
Sewer Services, Repair

Whitaker, Allan A
Utility Svcs Wkr II/CDL
Sewer Services, Repair

Wiley, Micheaux A
Utility Svcs Wkr II/CDL
Sewer Services, Repair







LeBlanc, Mandy L

Manager, Program Management, Pump Oprs

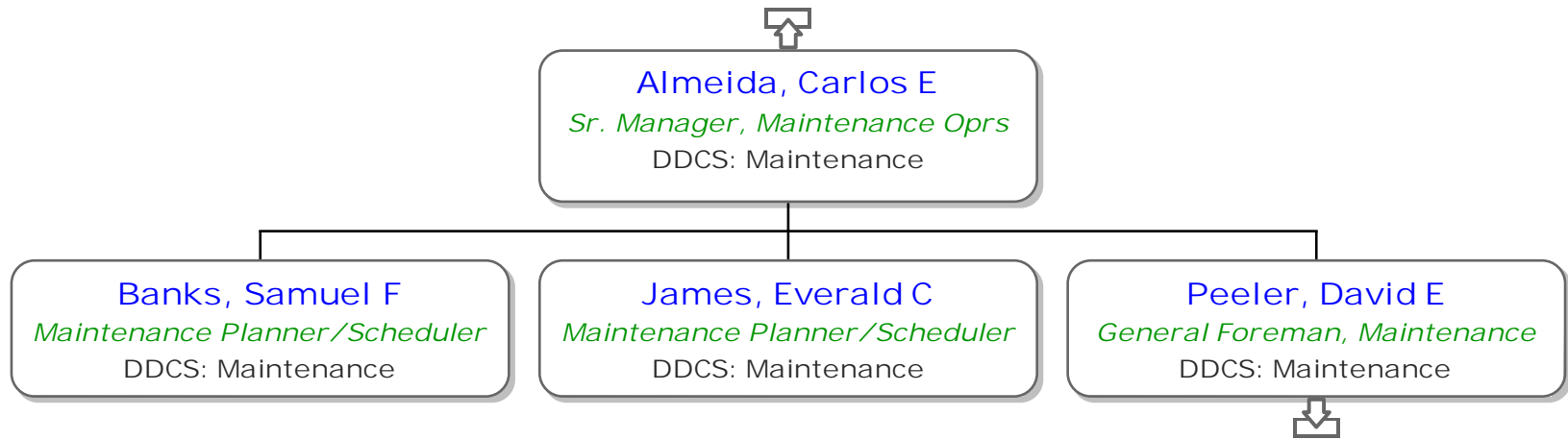
DDCS: Director and Emergency Mgmt

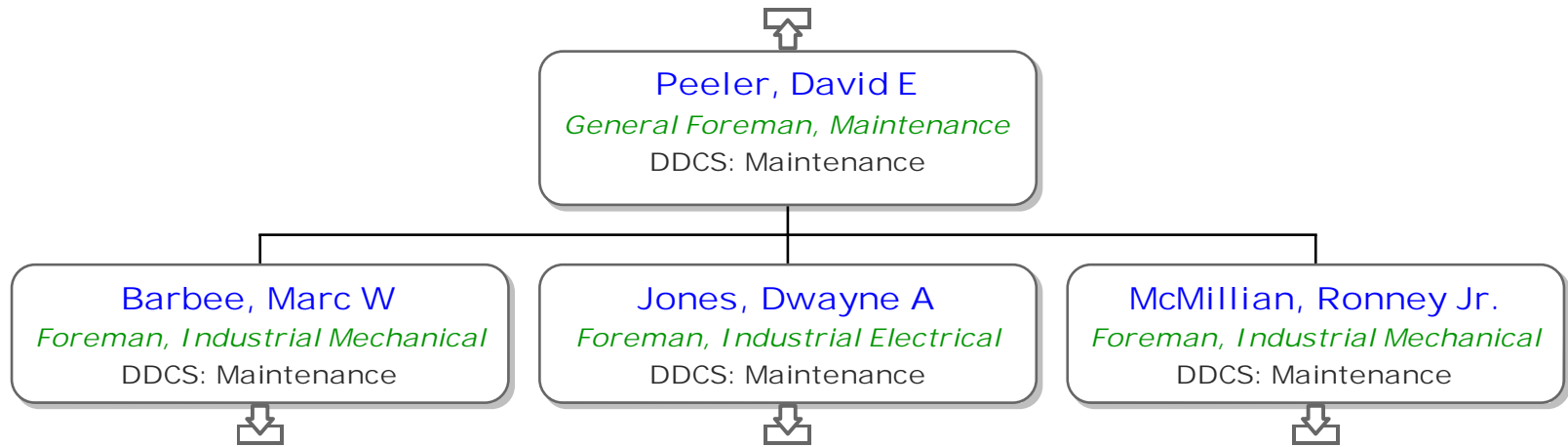


Mirabeau, Monique A

Program Manager, Contract Mgmt

DDCS: Director and Emergency Mgmt







Barbee, Marc W

Foreman, Industrial Mechanical

DDCS: Maintenance

Adams, Guy R

Mechanic I, Industrial PS

DDCS: Maintenance

Harris, Lorelle

Mechanic I, Industrial PS

DDCS: Maintenance

Littlejohn, Anthony L

Mechanic I, Industrial PS

DDCS: Maintenance

Smalls, Calvin T

Mechanic I, Industrial PS

DDCS: Maintenance

Smith, Floyd A

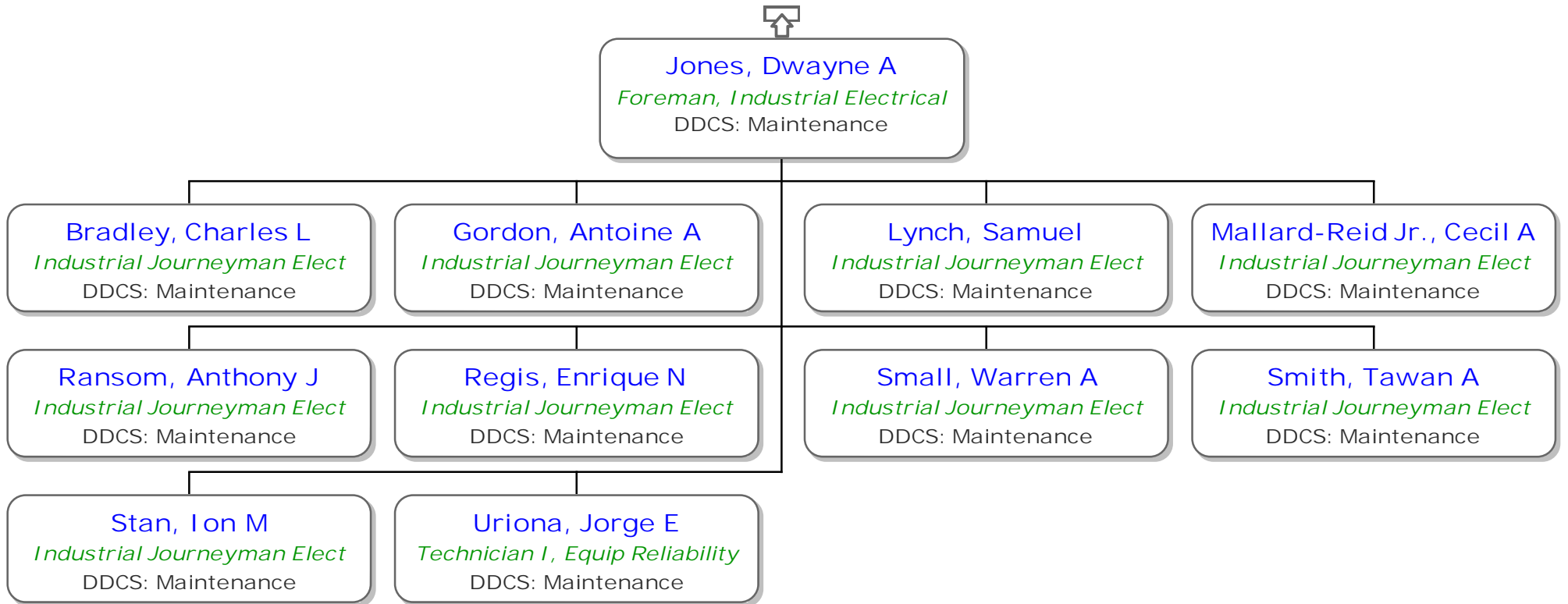
Mechanic II, Industrial PS

DDCS: Maintenance

Taylor, Julius Jr.

Mechanic I, Industrial PS

DDCS: Maintenance





McMillian, Ronney Jr.
Foreman, Industrial Mechanical
DDCS: Maintenance

Iracks, Andre M
Mechanic I, Industrial PS
DDCS: Maintenance

Lewis, Saleem
Mechanic II, Industrial PS
DDCS: Maintenance

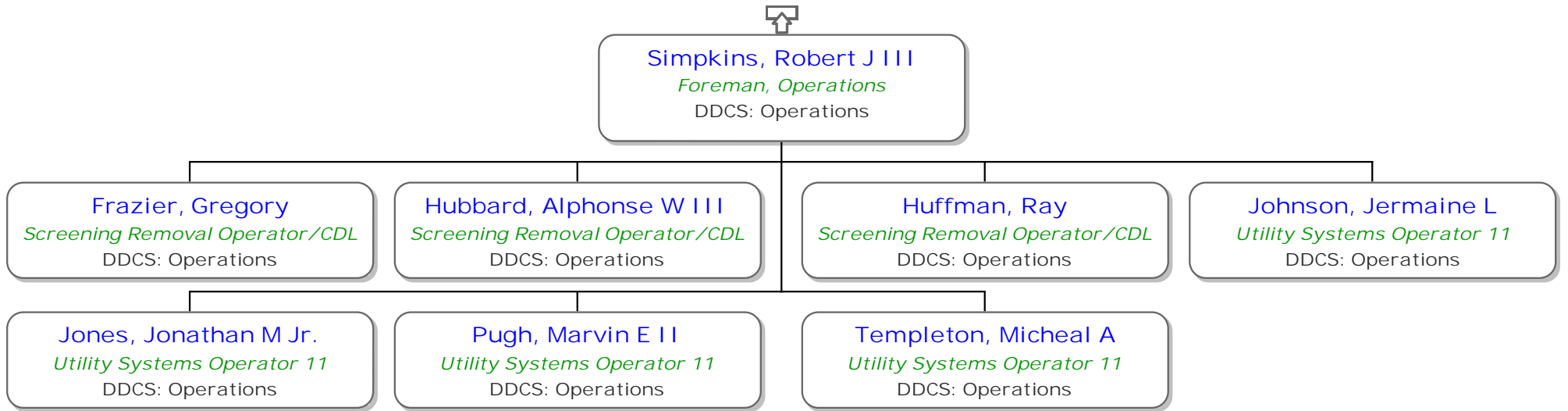
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Mechanic II, Industrial PS
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Mcmanus, Darren A
Mechanic I, Industrial PS
DDCS: Maintenance

Philson, Elie
Mechanic I, Industrial PS
DDCS: Maintenance

Redd, Charles L
Mechanic I, Industrial PS
DDCS: Maintenance

Williams, Rodney A
Mechanic I, Industrial PS
DDCS: Maintenance





Stephens, Gregory D
Foreman, Operations
DDCS: Operations

Bennett, Alvin N

Utility Systems Operator 11
DDCS: Operations

Bradley, Carlett J

Utility Systems Operator 11
DDCS: Operations

High, Carlton W

Utility Systems Operator 11
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Howell, Reginald C

Utility Systems Operator 11
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Lee, Orlando R

Utility Systems Operator 11
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Shields, Kenneth P

Utility Systems Operator 11
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Williams, Keith F

Utility Systems Operator 11
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Watts, Keith T

Foreman, Operations

DDCS: Operations

Gottschalk, Edward W

Utility Systems Operator 11

DDCS: Operations

Harrison, Kevin L

Utility Systems Operator 11

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Murdaugh, Scottie O

Utility Systems Operator 11

DDCS: Operations

Scipio, Christopher

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Utility Systems Operator 11

DDCS: Operations

Waters, James J

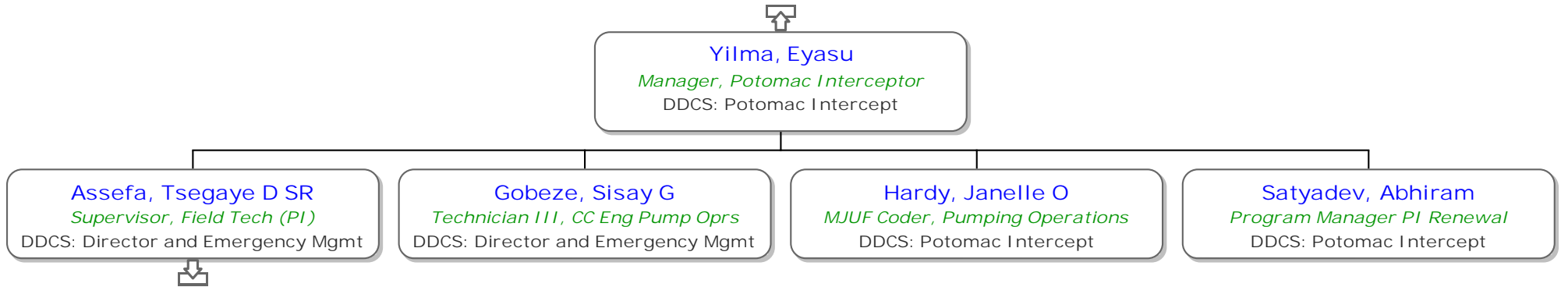
Utility Systems Operator 11

DDCS: Operations

Wilson, Calvert M

Utility Systems Operator 11

DDCS: Operations





Assefa, Tsegaye D SR
Supervisor, Field Tech (PI)
DDCS: Director and Emergency Mgmt

Ayodeji, Adeniyi G
Technician III, CC Eng Pump Oprs
DDCS: Director and Emergency Mgmt

Balcha, Daniel K
Technician III, CC Eng Pump Oprs
DDCS: Director and Emergency Mgmt



Green, Karen K

Supervisor, Process Control

DDCS: SCADA and Process Controls

Warrick, Aaron

SCADA Analyst

DDCS: SCADA and Process Controls



Williams, Willie A

Foreman, Industrial Instrument

DDCS: SCADA and Process Controls

Djateu Pettang, Christian

Technician II, Instrumentation

DDCS: SCADA and Process Controls

Johnson, Antonio

Technician II, Instrumentation

DDCS: SCADA and Process Controls

Jones, Quinton F

Technician II, Instrumentation

DDCS: SCADA and Process Controls

Keonakhone, Lamngern

Technician II, Instrumentation

DDCS: SCADA and Process Controls

O'Connor, Sean C

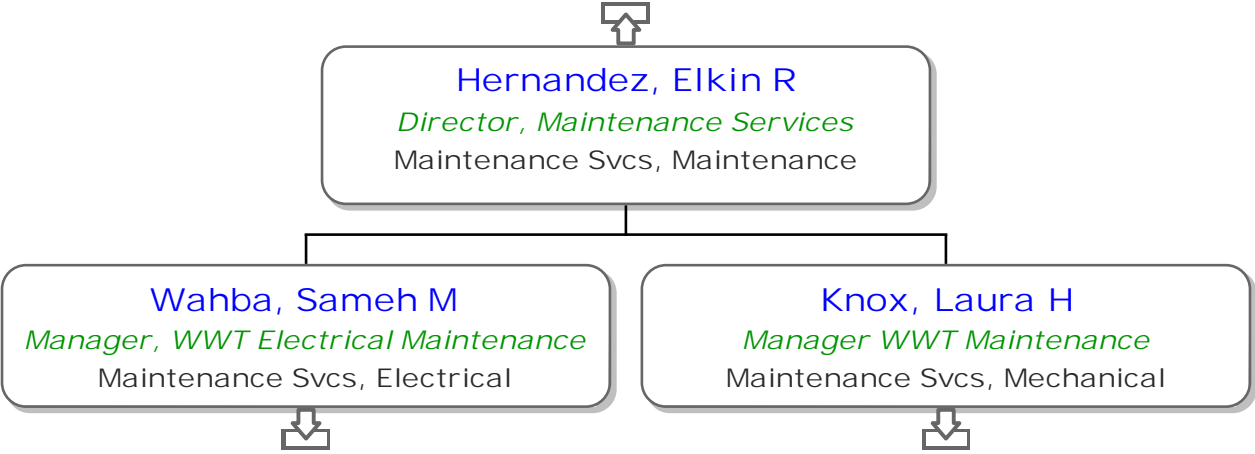
Technician II, Instrumentation

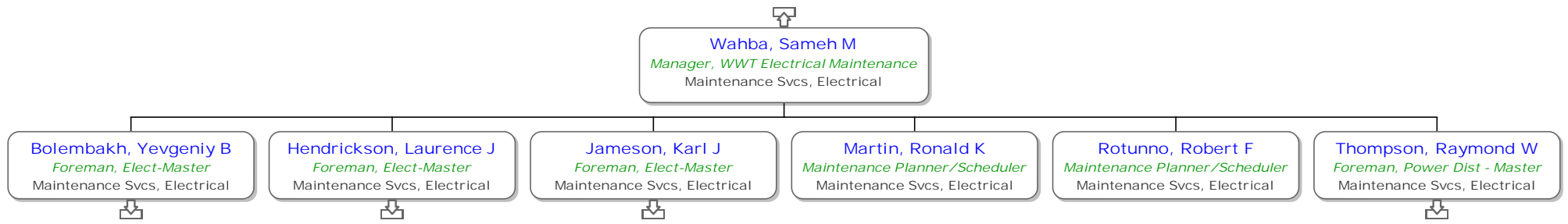
DDCS: SCADA and Process Controls

Schreuder, Arthur J

Technician II, Instrumentation

DDCS: SCADA and Process Controls







Bolebakh, Yevgeniy B
Foreman, Elect-Master
Maintenance Svcs, Electrical





Hendrickson, Laurence J
Foreman, Elect-Master
Maintenance Svcs, Electrical

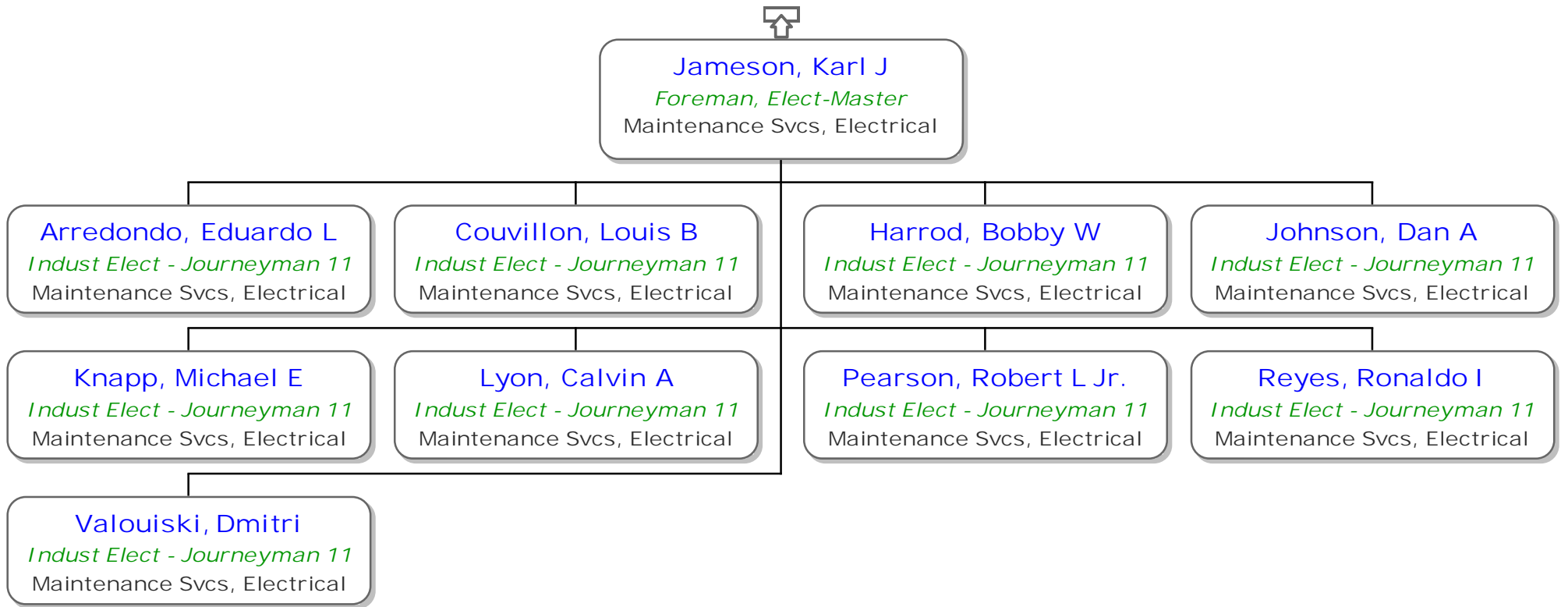
Anthony, Jarreau L
Indust Elect - Journeyman 11
Maintenance Svcs, Electrical

Belt, Timothy N
Indust Elect - Journeyman 11
Maintenance Svcs, Electrical

Harper, Reginald L
Indust Elect - Journeyman 11
Maintenance Svcs, Electrical

Jackson, Quentin F
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Maintenance Svcs, Electrical

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Indust Elect - Journeyman 11
Maintenance Svcs, Electrical

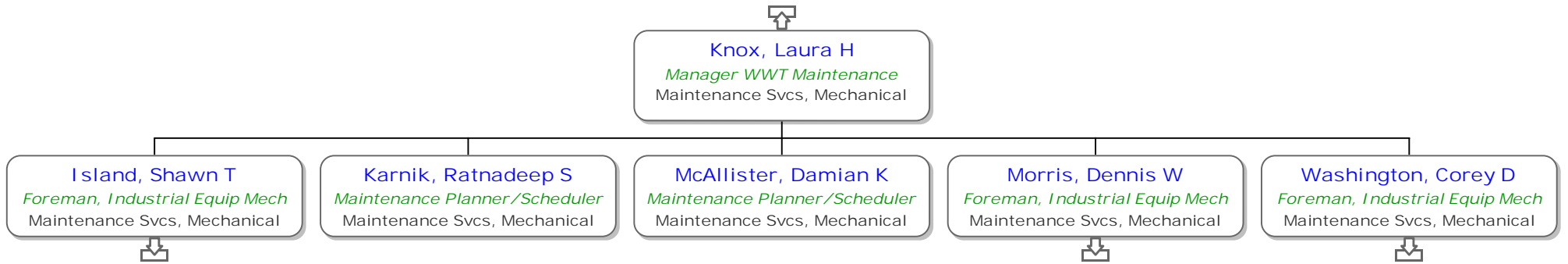




Thompson, Raymond W
Foreman, Power Dist - Master
Maintenance Svcs, Electrical



Lunsford, Steve A
Technician, Power Distribution
Maintenance Svcs, Electrical





Island, Shawn T
Foreman, Industrial Equip Mech
Maintenance Svcs, Mechanical

Cooper, Howard W
Mechanic I Process Systems
Maintenance Svcs, Mechanical

Davis, DeJuan A
Mechanic I Process Systems
Maintenance Svcs, Mechanical

Grimes, Jeffrey W
Mechanic II, Process Systems
Maintenance Svcs, Mechanical

Grimes, Michael A
Mechanic II, Process Systems
Maintenance Svcs, Mechanical

Hanson, Leonard L
Mechanic I Process Systems
Maintenance Svcs, Mechanical

Holloman, Gregory L
Mechanic I Process Systems
Maintenance Svcs, Mechanical

Holtzclaw, Jeffrey S
Mechanic I Process Systems
Maintenance Svcs, Mechanical

Howard, Eddie L
Mechanic I Process Systems
Maintenance Svcs, Mechanical

Manning, Craig A
Mechanic I Process Systems
Maintenance Svcs, Mechanical

Middleton, Andre
Mechanic I Process Systems
Maintenance Svcs, Mechanical

Myers, Keith S
Mechanic II, Process Systems
Maintenance Svcs, Mechanical

Proctor, Domonique L
Mechanic I Process Systems
Maintenance Svcs, Mechanical

Proctor, Ernest L
Mechanic I Process Systems
Maintenance Svcs, Mechanical

Quarles, Darnell M
Mechanic I Process Systems
Maintenance Svcs, Mechanical

Robinson, Lawrence M
Mechanic I Process Systems
Maintenance Svcs, Mechanical

Shinnamon, Frederick E
Mechanic II, Process Systems
Maintenance Svcs, Mechanical

Stephens, Robert III
Mechanic I Process Systems
Maintenance Svcs, Mechanical

Strong, Steven D
Technician, Proc Systems MCO
Maintenance Svcs, Mechanical

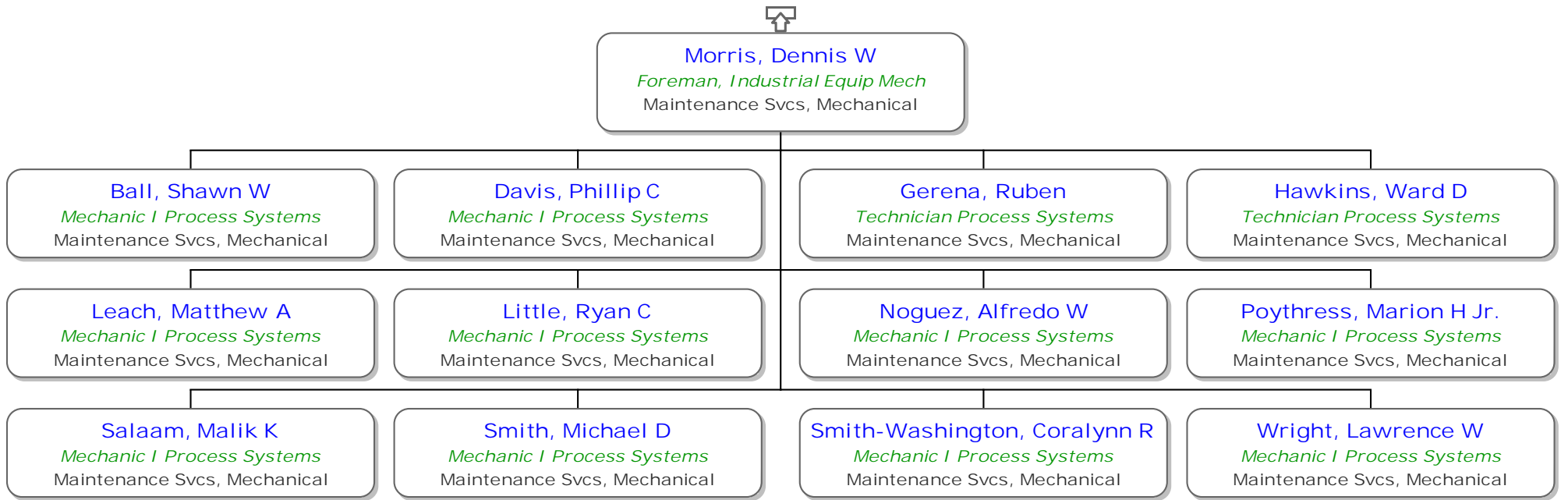
Taylor, Donald J
Mechanic I Process Systems
Maintenance Svcs, Mechanical

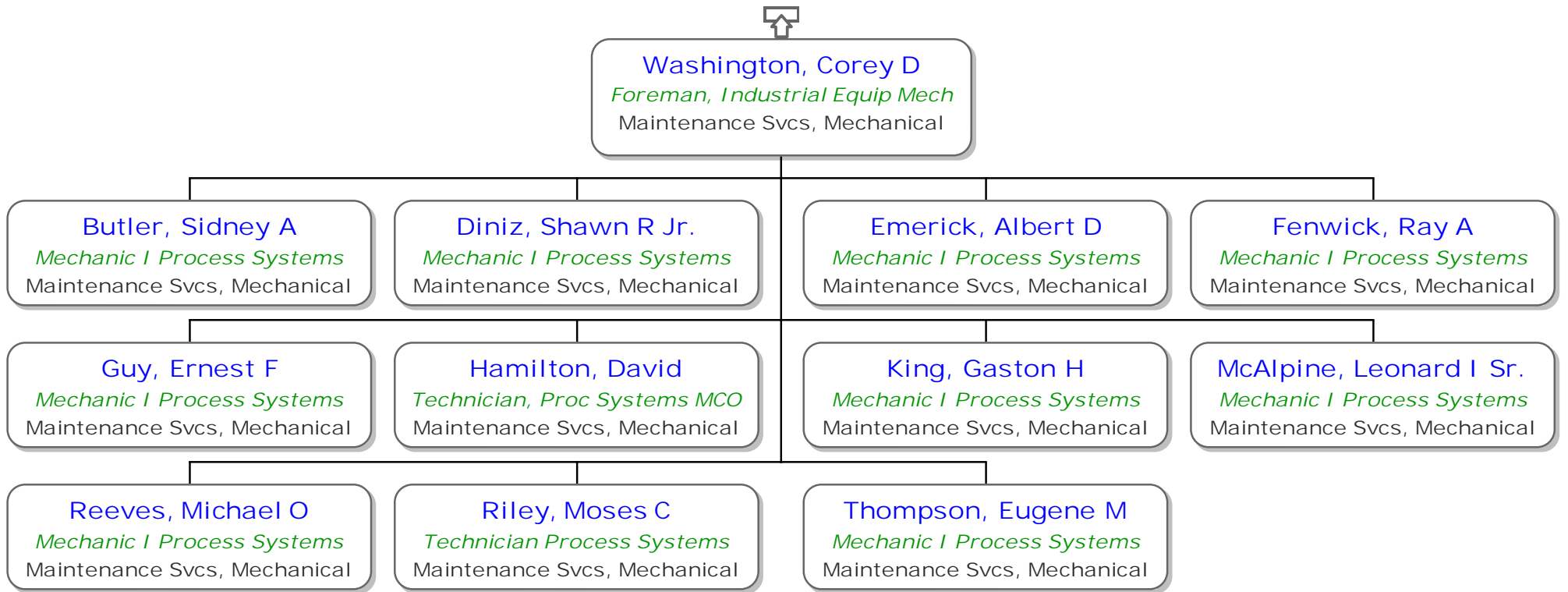
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Mechanic I Process Systems
Maintenance Svcs, Mechanical

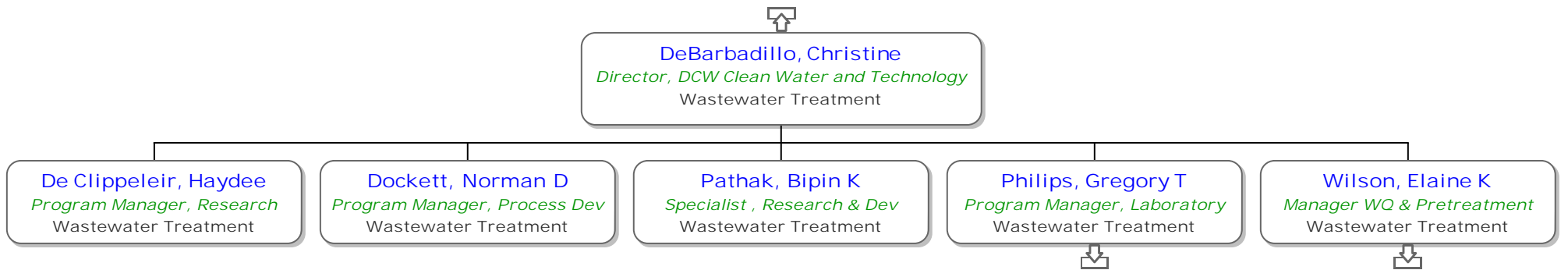
Watson, Vanika A
Mechanic I Process Systems
Maintenance Svcs, Mechanical

White, Johnnie W Jr.
Mechanic I Process Systems
Maintenance Svcs, Mechanical

Winkler, Stephen G
Mechanic I Process Systems
Maintenance Svcs, Mechanical









Phillips, Gregory T

Program Manager, Laboratory

Wastewater Treatment

Amaro, Domingos A

Physical Science Technician

Wastewater Treatment

Coats, Danny

Physical Science Technician

Wastewater Treatment

Glorioso, Cristy G

Physical Science Technician

Wastewater Treatment

Lyle, Sharita A

Physical Science Technician

Wastewater Treatment

Namata, Flores M

Physical Science Technician

Wastewater Treatment



Wilson, Elaine K
Manager WQ & Pretreatment
Wastewater Treatment

Maisano, Ryan
Environmental Compl Officer
Wastewater Treatment



Herron, Alecia D

Business Operations Manager

Wastewater Treatment

Crespo, Margarita

Admin Services Coordinator

Maintenance Svcs, Maintenance

Davis, Sandra R

Secretary Typing 06

Maintenance Svcs, Maintenance

Maddox, Constance P

Equipment Specialist

Maintenance Svcs, Maintenance

Jackson, Joanne

Executive Assistant I

Wastewater Treatment

Taylor, Sharell D

Office Assistant III - U

Wastewater Treatment



Peot, Christopher J
Director, DCW Resource Recovery
Wastewater Treatment



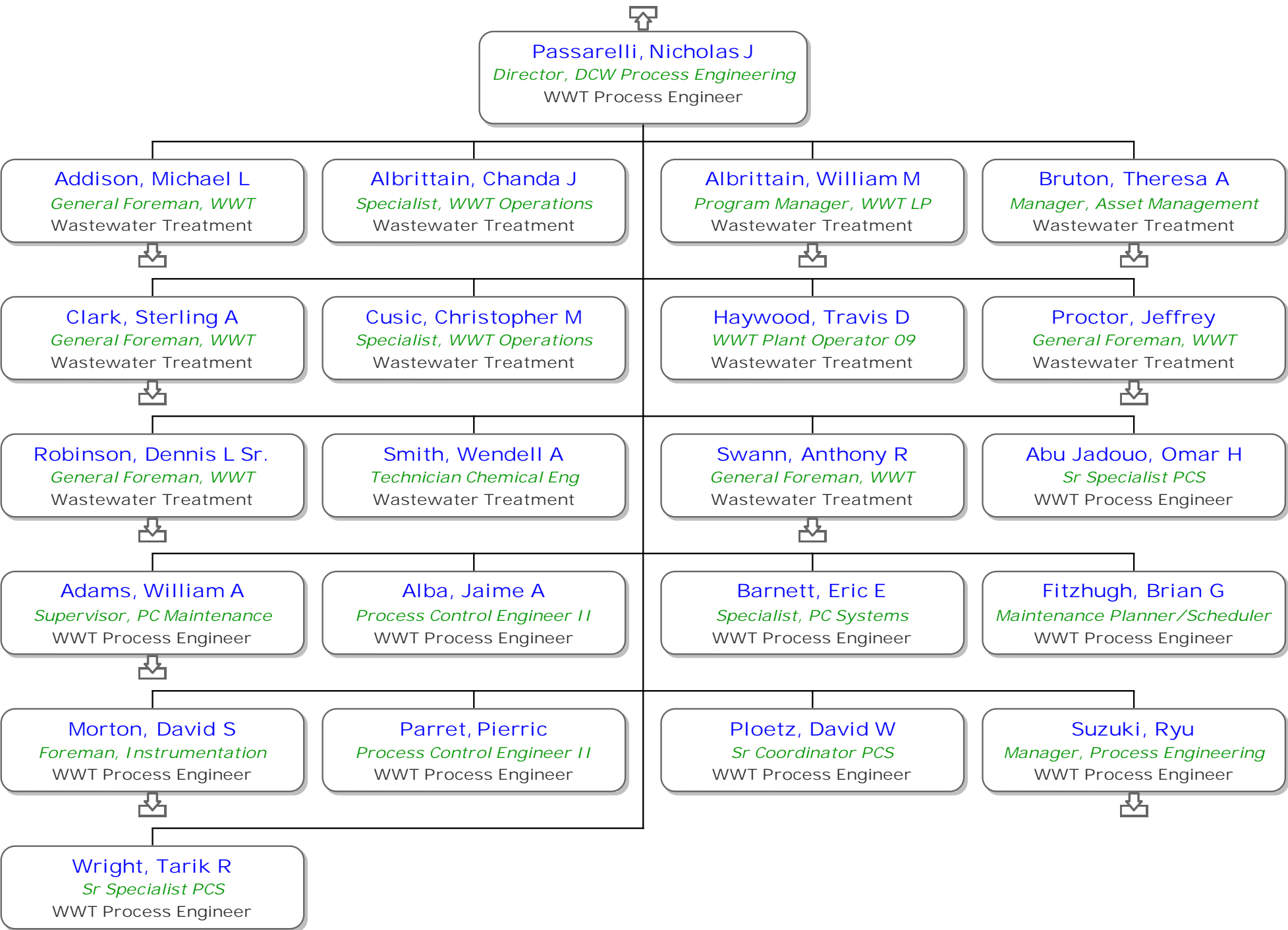
Battiste, John M
Heavy Equip Operator RR
Wastewater Treatment

Fotouhi, James E
Tech III Res Rec Biosolids
Wastewater Treatment

Harris, Alton R
Foreman, Biosolids
Wastewater Treatment

Jeter, Douglas A
Crane Operator 07
Wastewater Treatment

Kinter, Saul M
Program Manager, Bus Dev
Wastewater Treatment





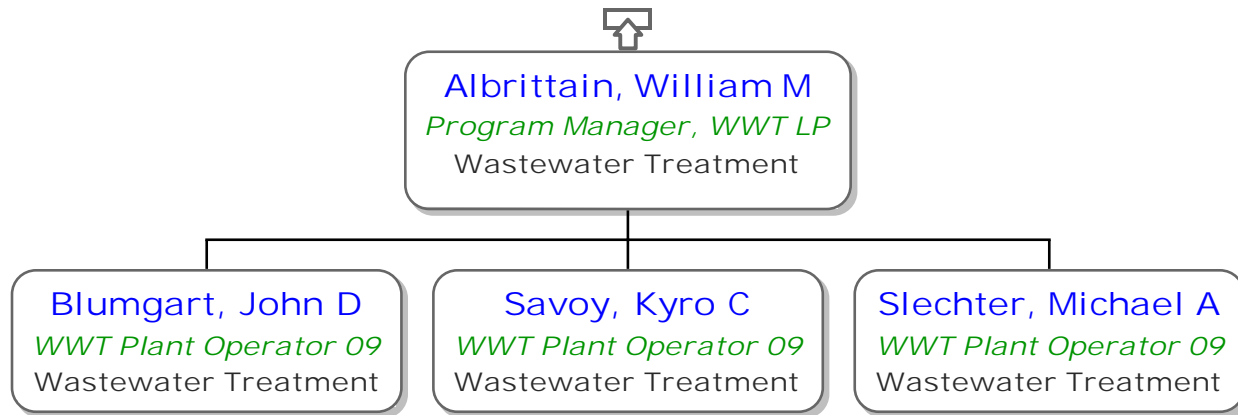
Addison, Michael L
General Foreman, WWT
Wastewater Treatment

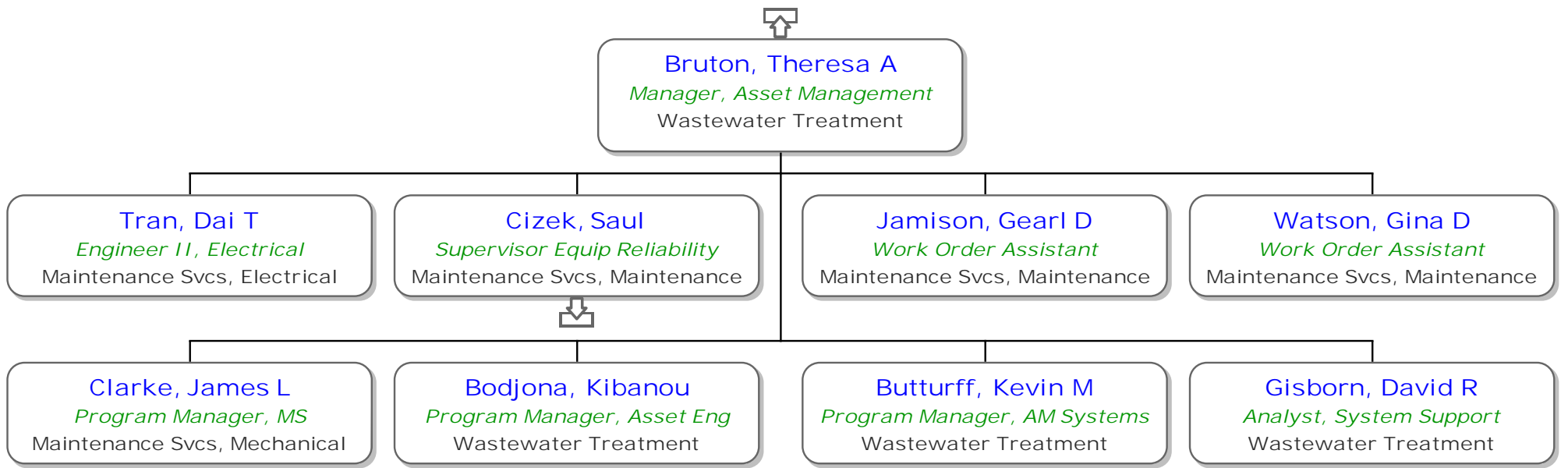
Belt, Marvin O
WWT Plant Operator 09
Wastewater Treatment

Cruz Trejo, Dennis A
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Wastewater Treatment

Feldmeier, Brian J
WWT Plant Operator 09
Wastewater Treatment

Hunter, Carlos W
WWT Plant Operator 09
Wastewater Treatment



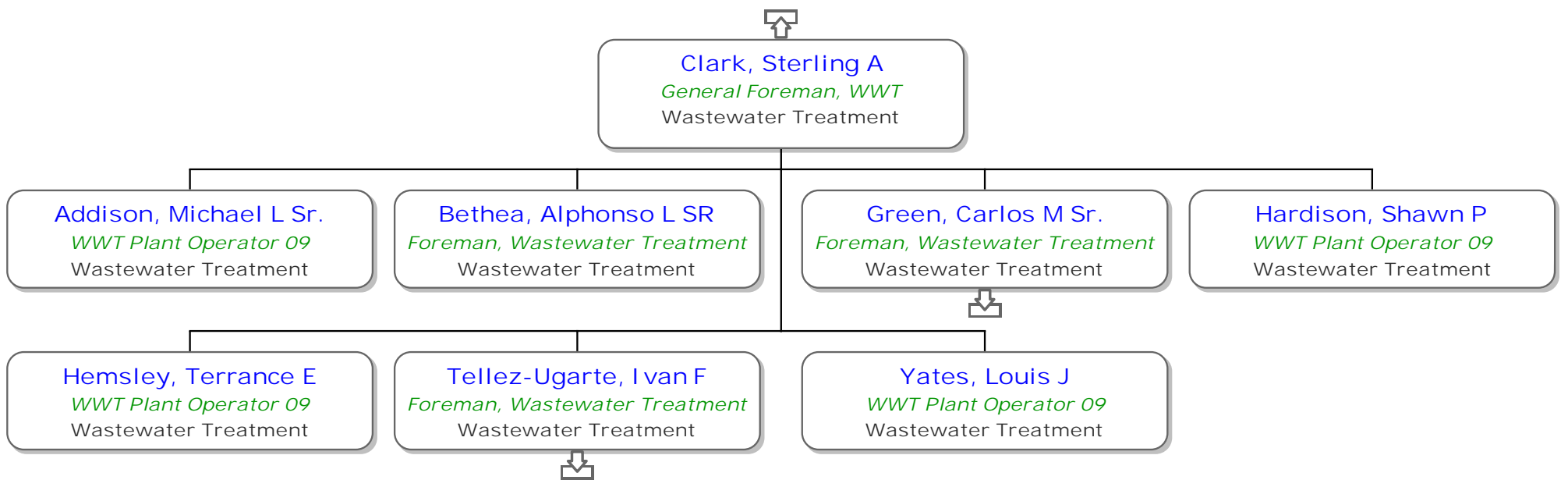


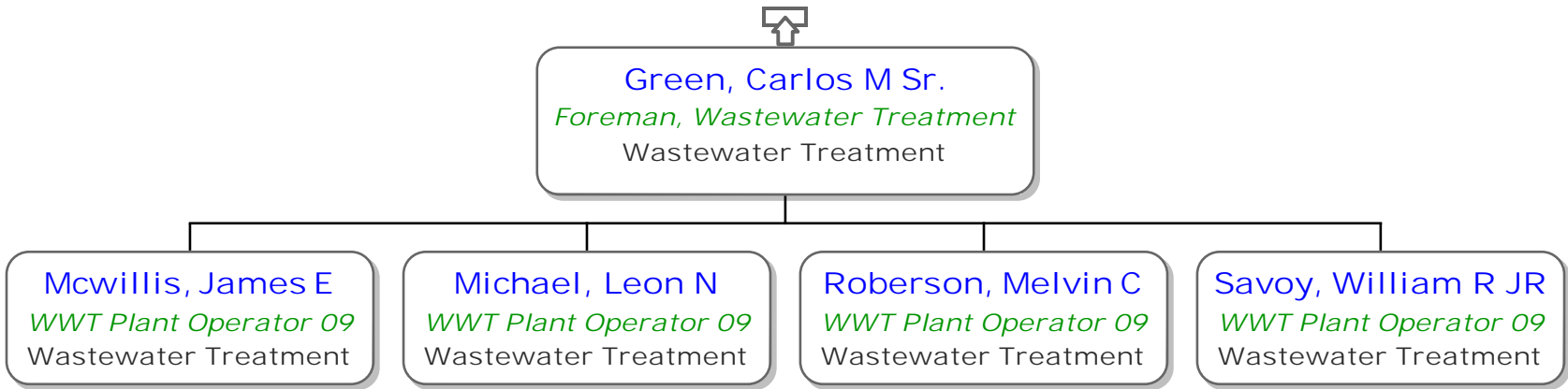


Cizek, Saul
Supervisor Equip Reliability
Maintenance Svcs, Maintenance

Blankenship, Edward G Jr.
Technician I, Equip Reliability
Maintenance Svcs, Maintenance

Viloria, Carlos A
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Maintenance Svcs, Maintenance







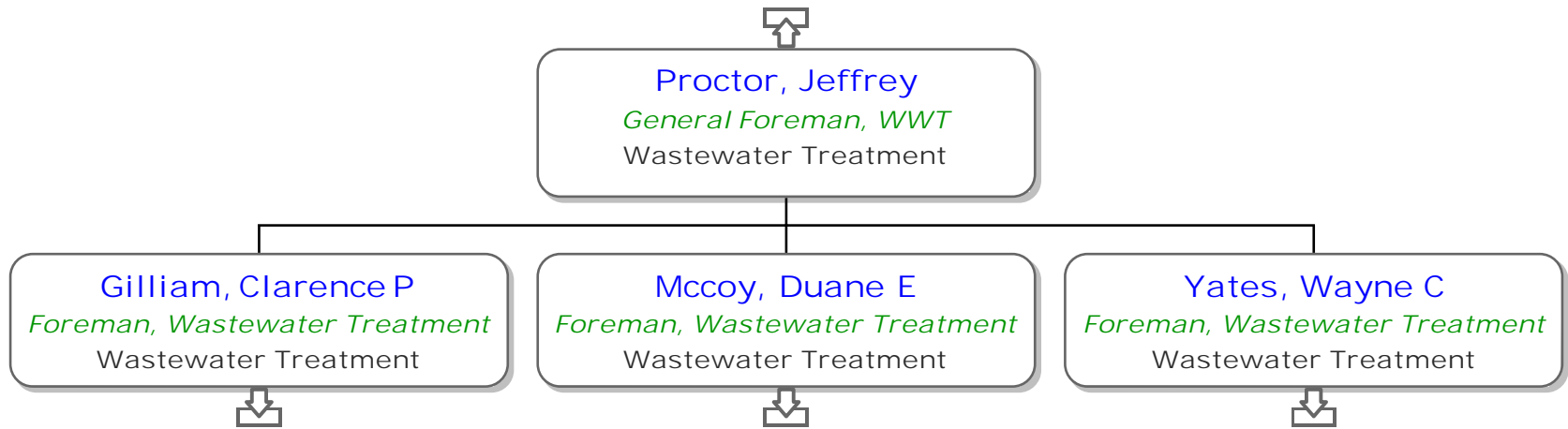
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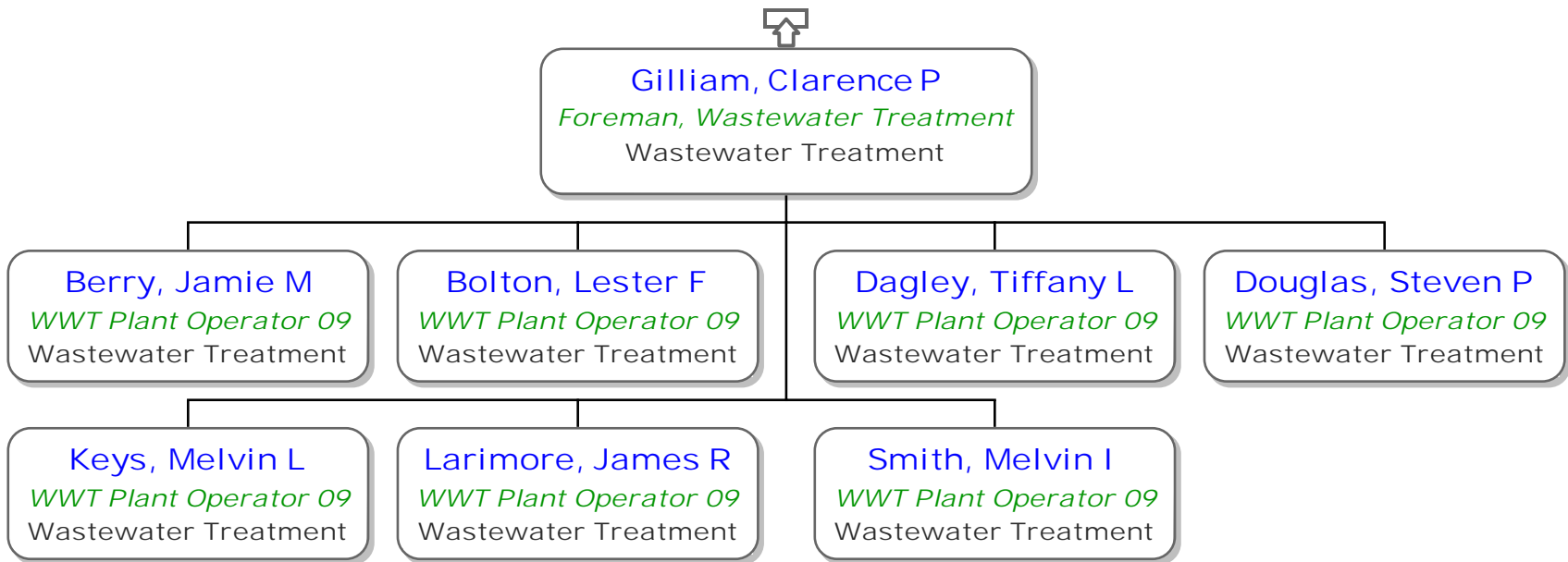
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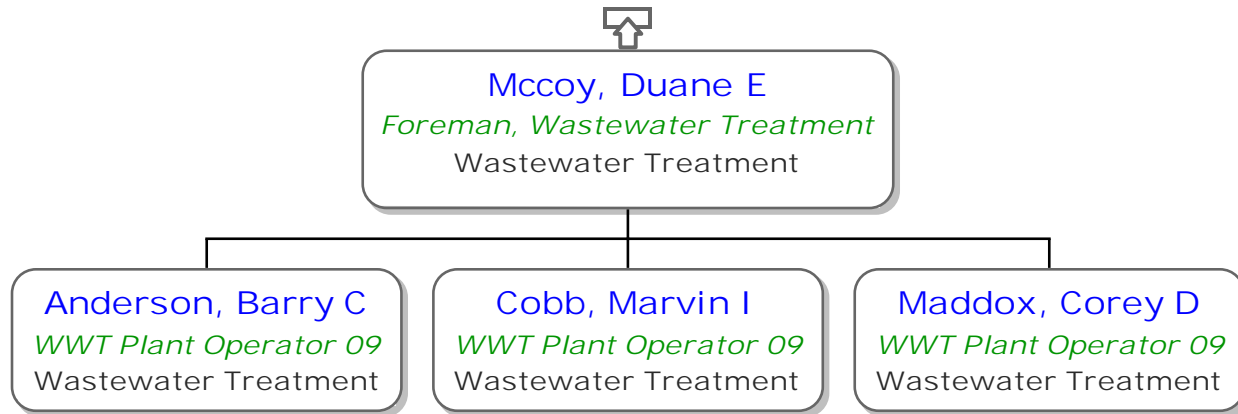
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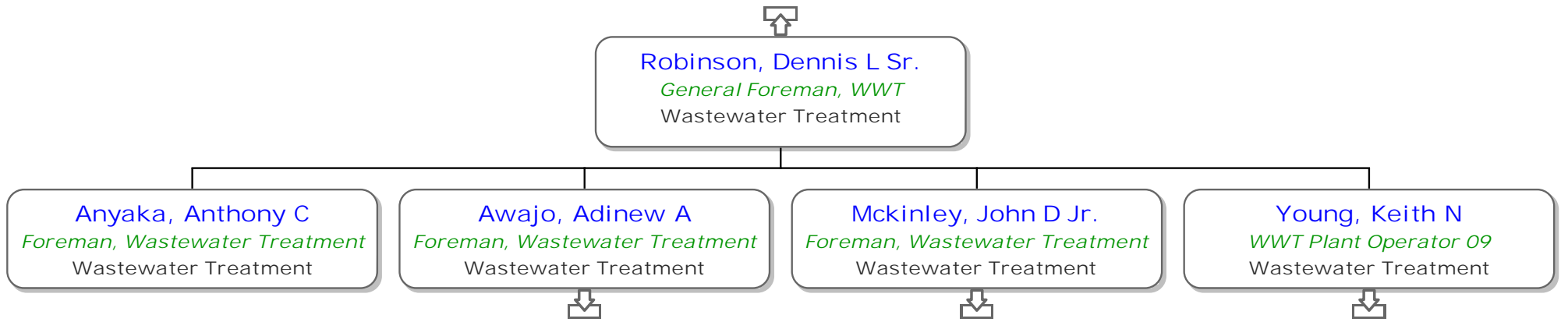
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Awajo, Adinew A
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Baker, Derek L
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Belk, Roscoe D
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McDougal, Chauteona S
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Proctor, Thomas L III
WWT Plant Operator 09
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Mckinley, John D Jr.

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De Atley, Sean M

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Gomez, Joseph E

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Latty, Joslyn A

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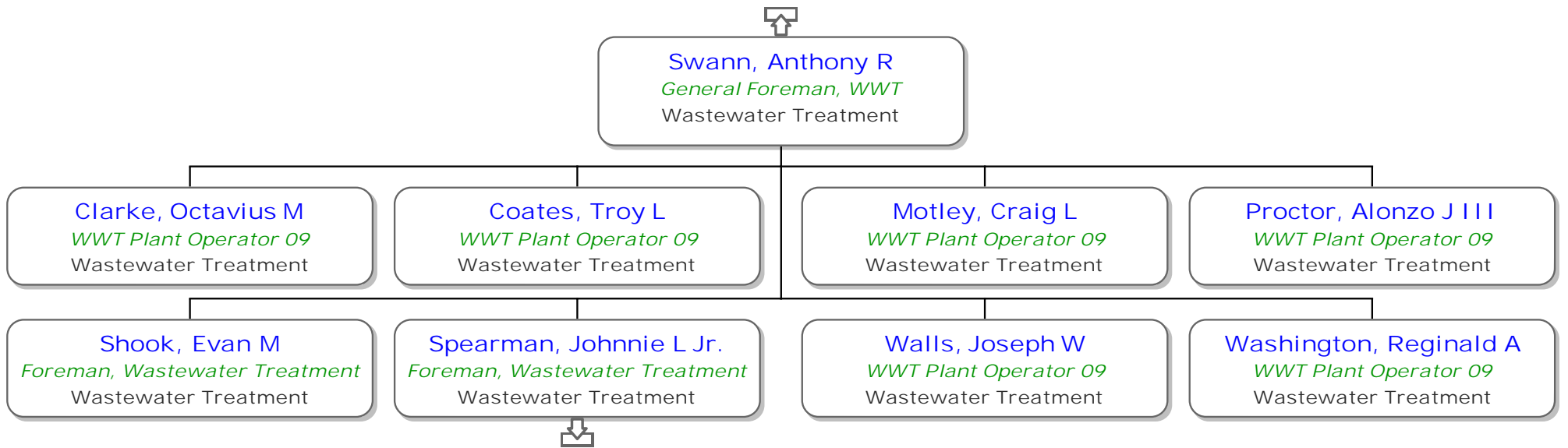
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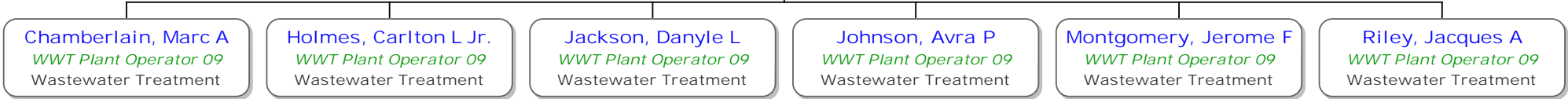
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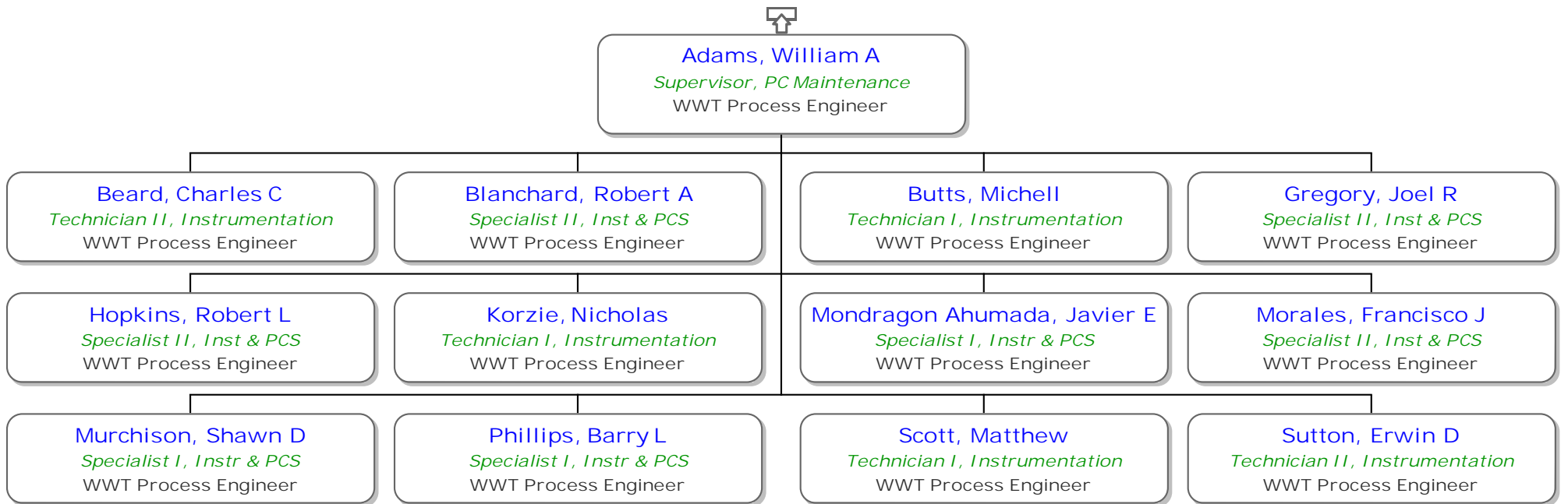
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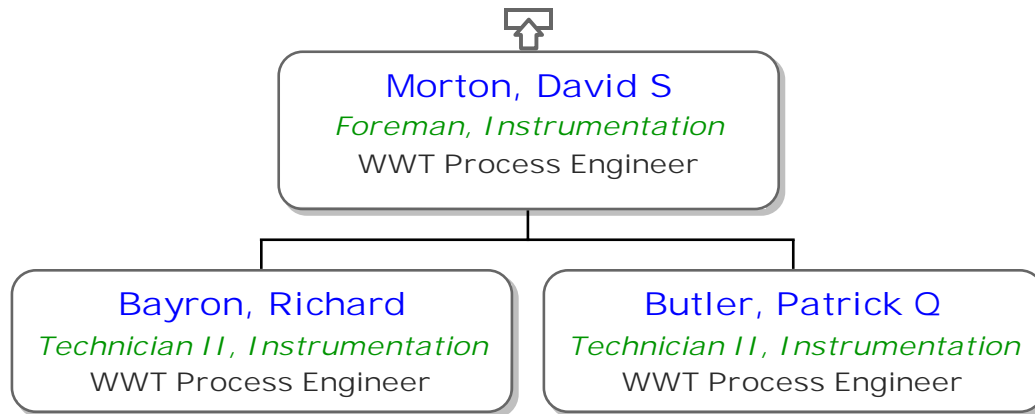
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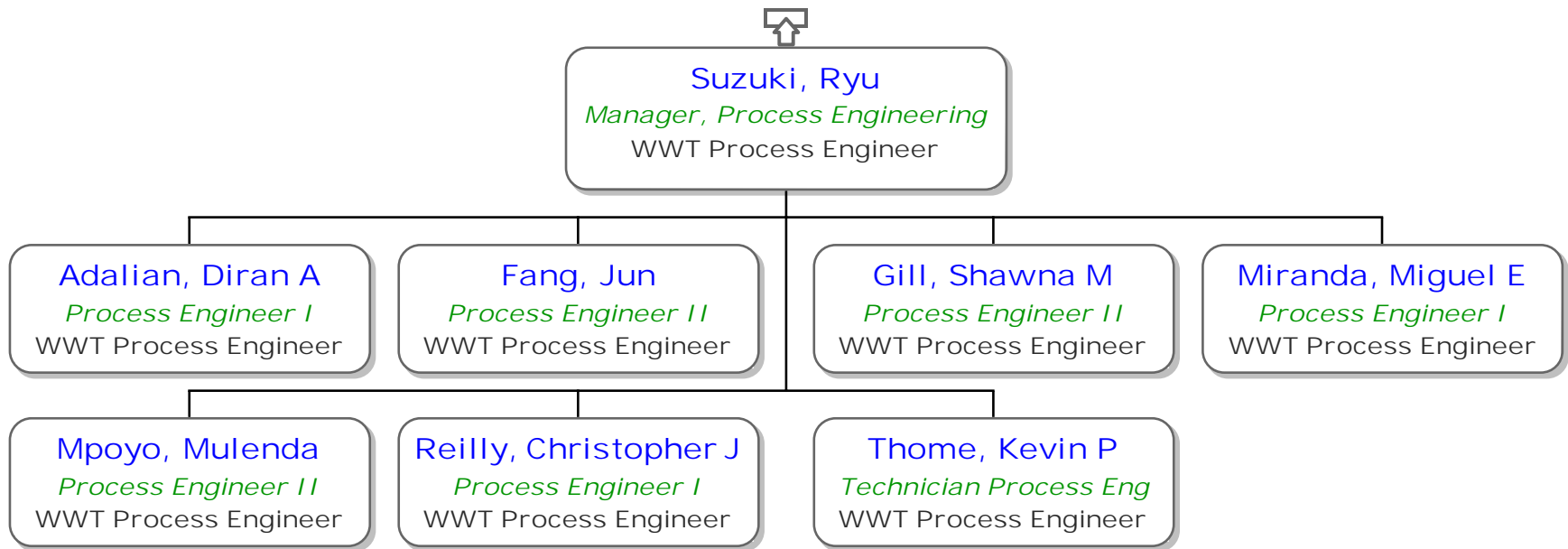
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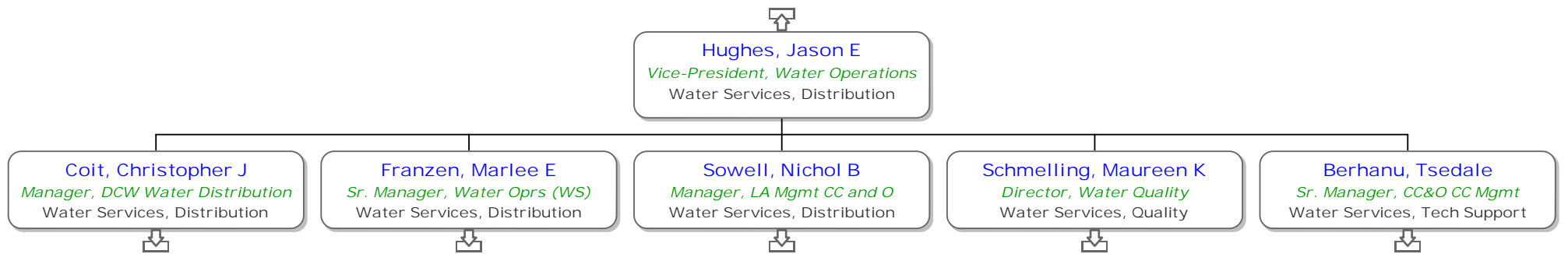
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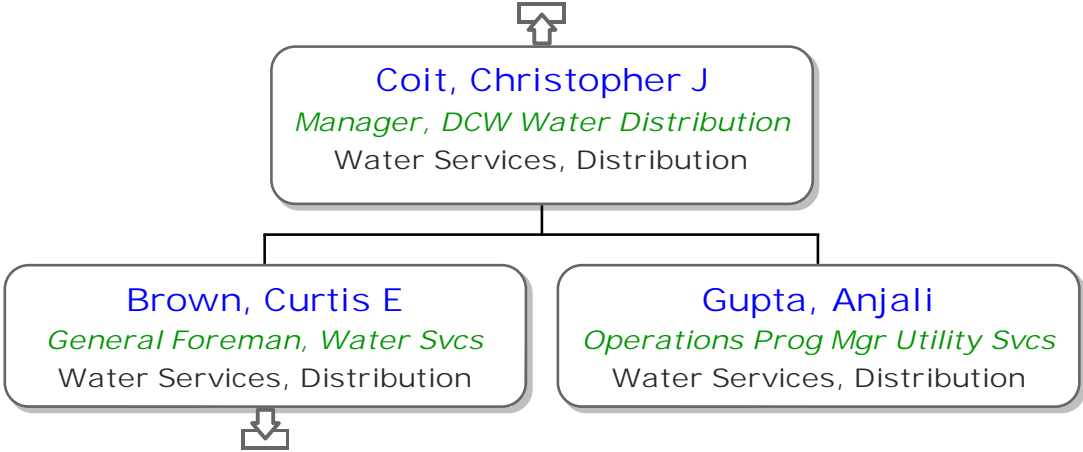
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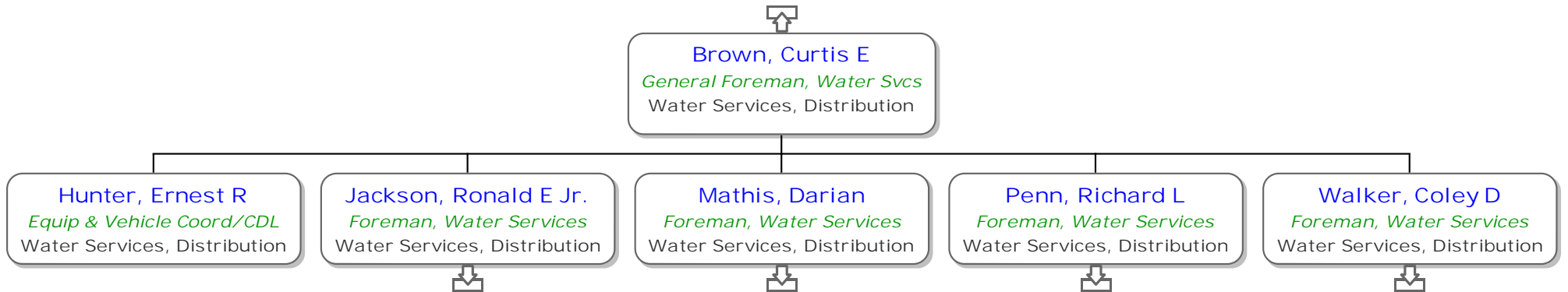


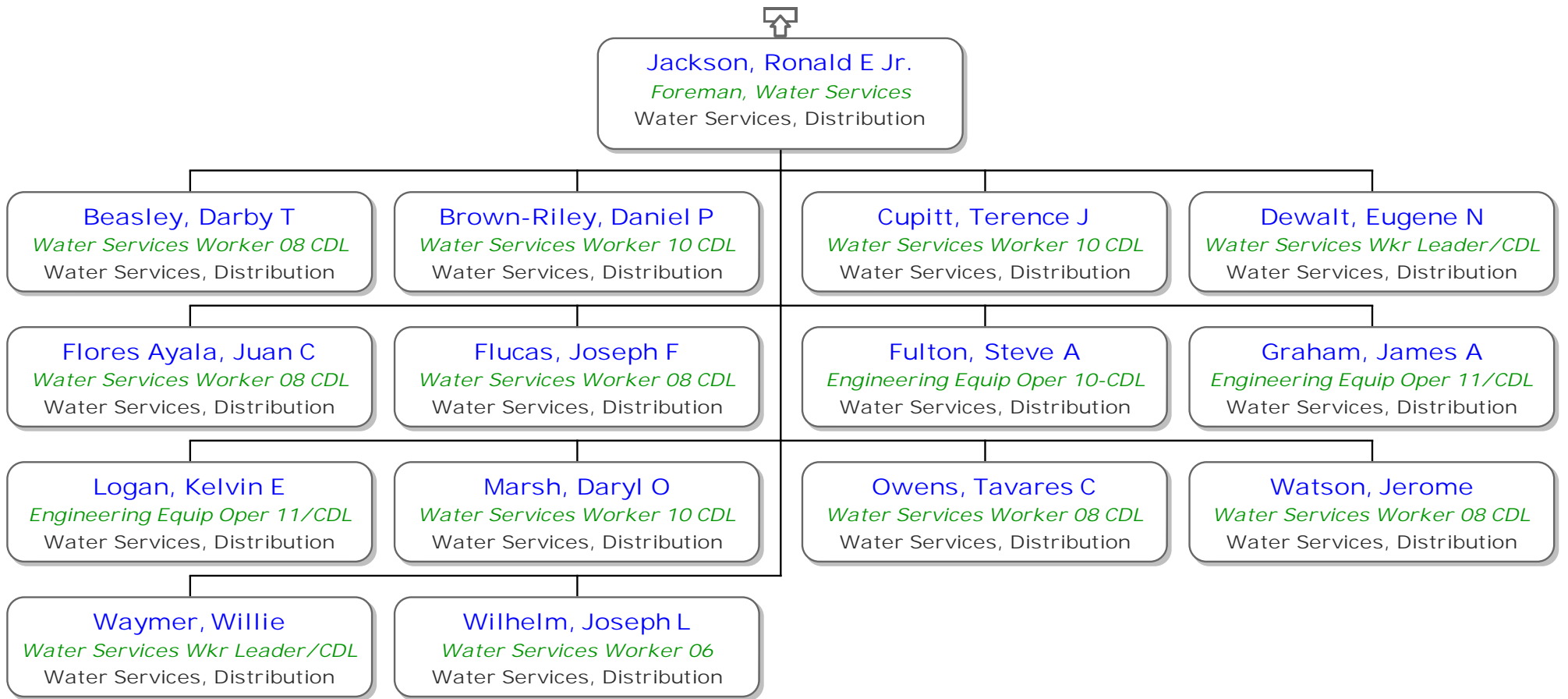














Mathis, Darian
Foreman, Water Services
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Ball, Clarence W
Water Services Worker 08 CDL
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Darby, DeJuan A
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Fullard, Marcus S
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Gaines, Nathan A Jr.
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Godwin, Bobby J
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Holcombe, Rodger
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Jackson, Antonio T
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Jackson, Taron M
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Jones, Milton S
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Overton, Walter C
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Redfearn, Stephen R
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Taylor, Ronald G Jr.
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Water Services, Distribution

Thompson, Lanford J
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Toure, Sory I
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Penn, Richard L
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Boger, Richard W
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Bradley, Dewayne M
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Water Services, Distribution

Coles, Howard D II
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Collins, John L
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Griffin, John A
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Jackson, Leroy E Jr.
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Water Services, Distribution

James, Reginald
Water Quality Worker 09
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Lee, Corey G
Water Services Wkr Leader/CDL
Water Services, Distribution

Montgomery, Tywon B
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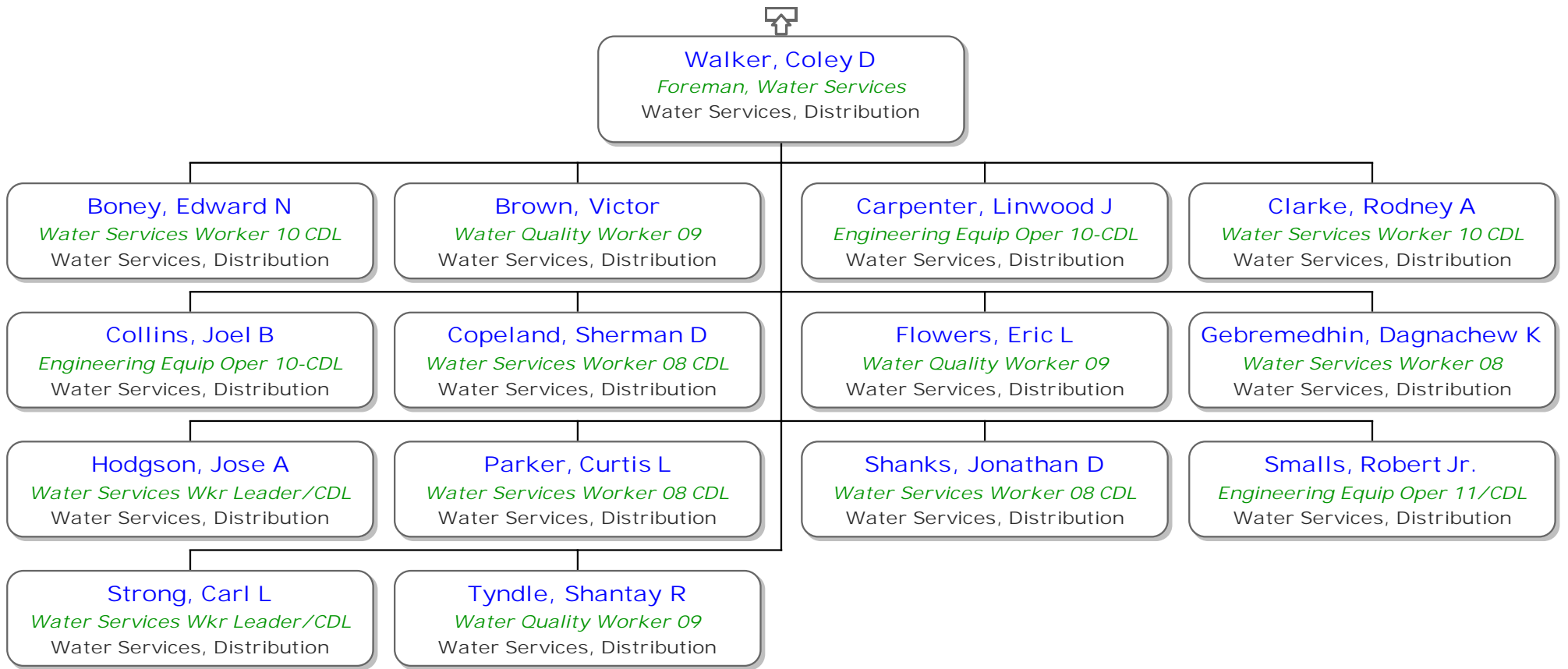
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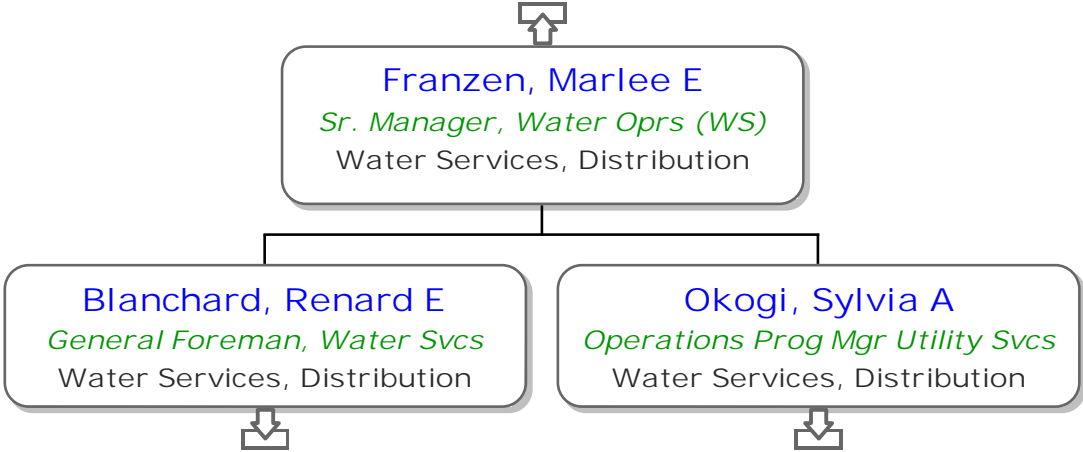
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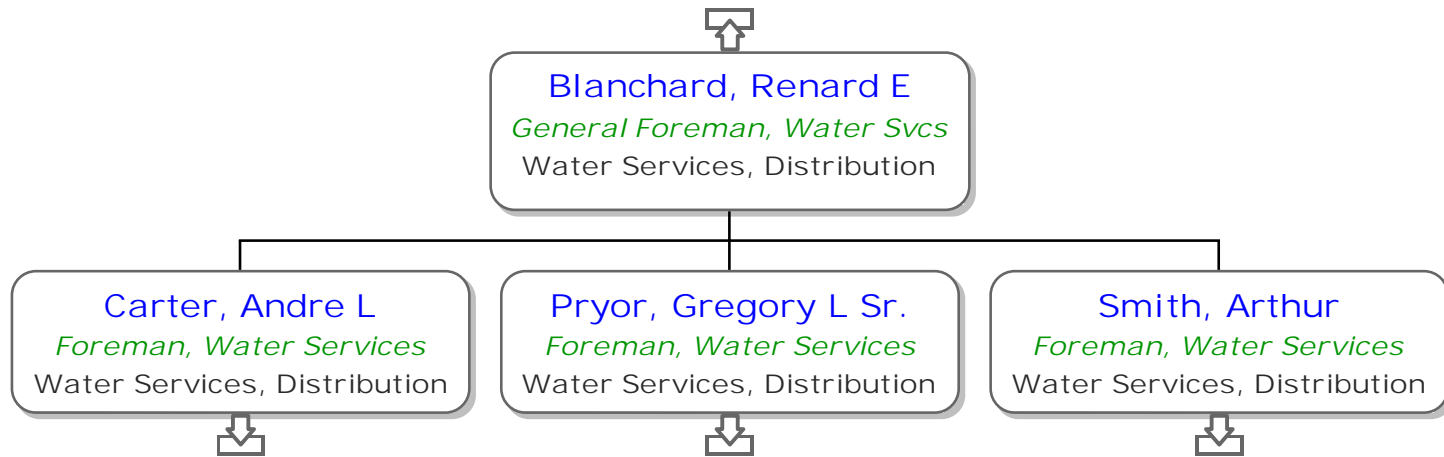
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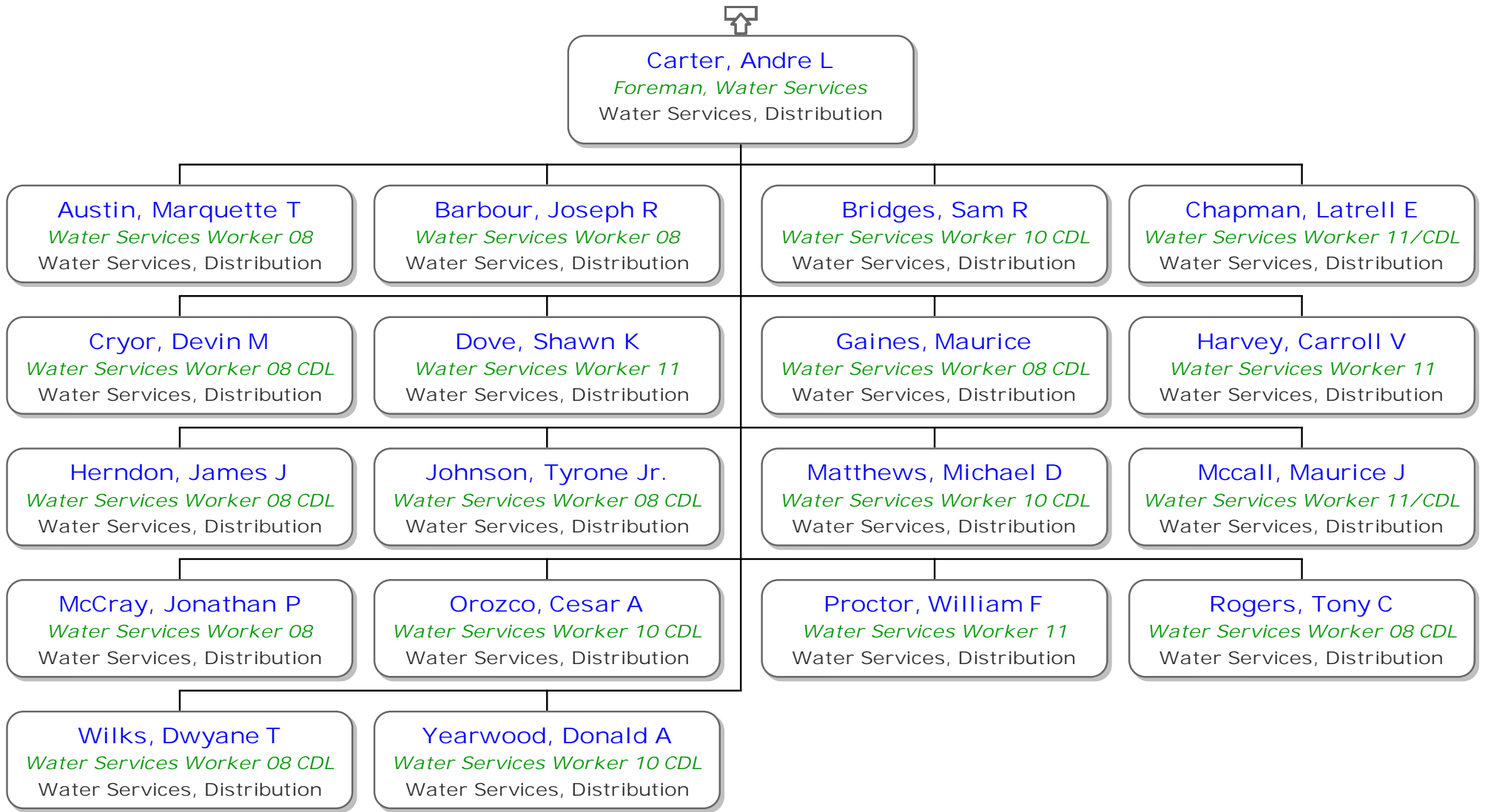
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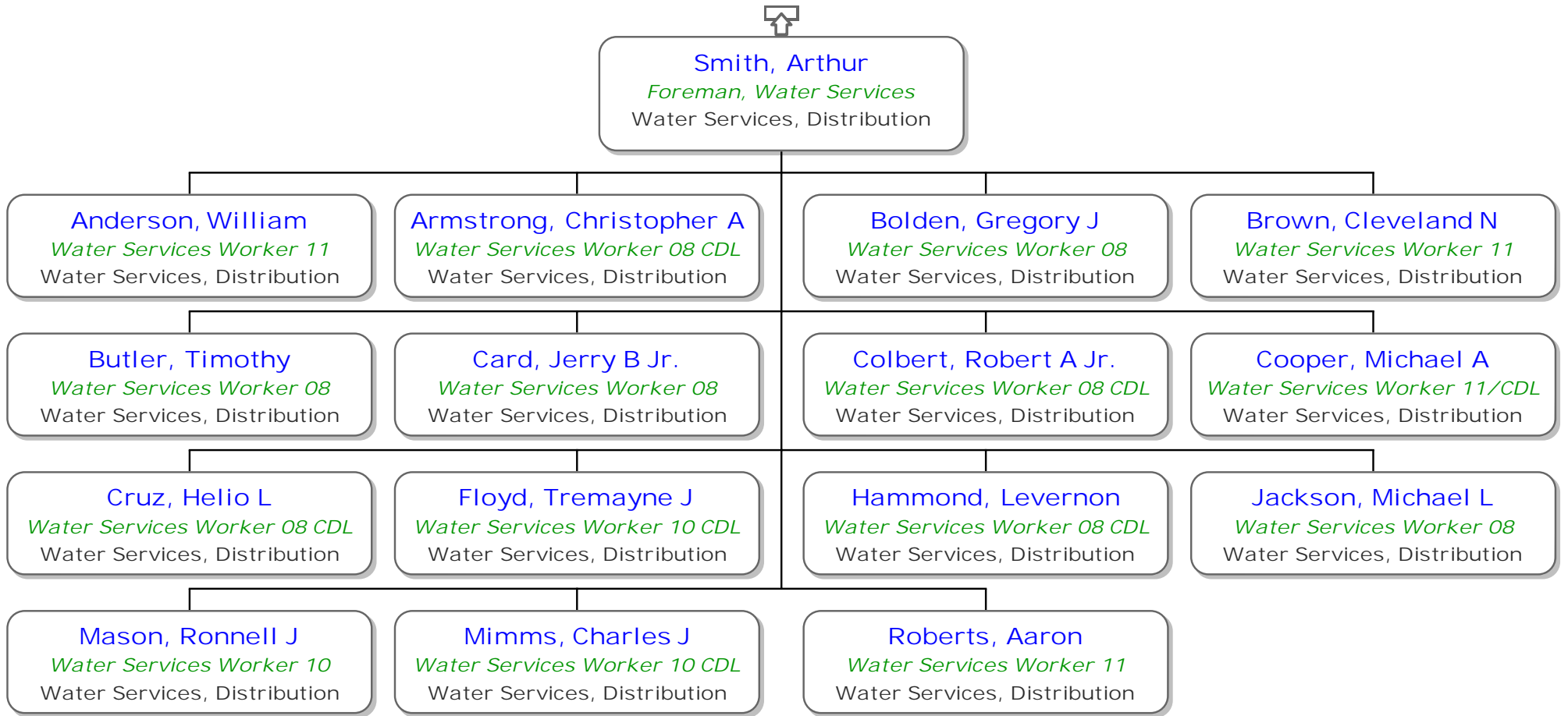


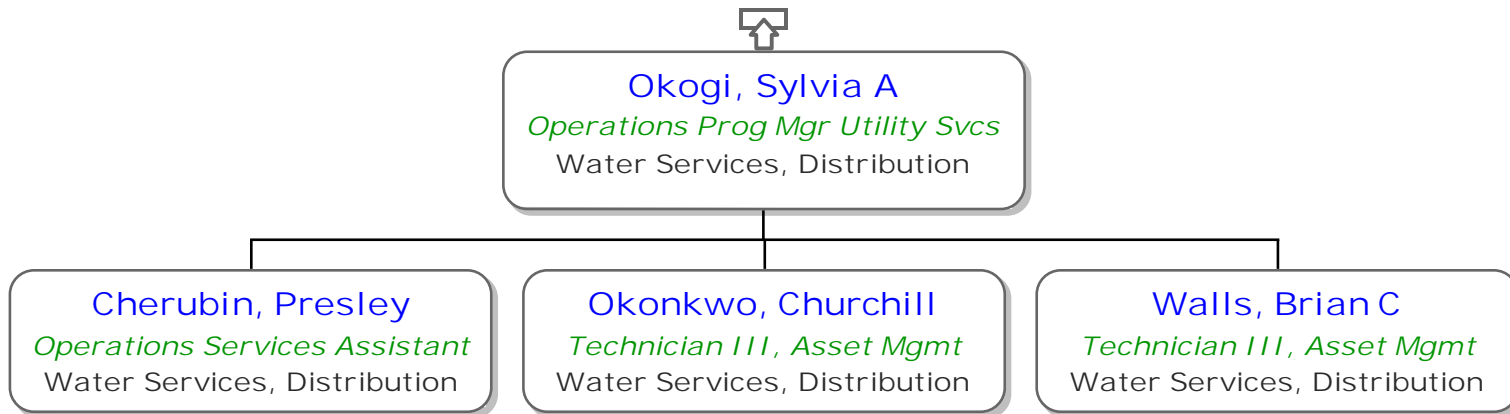


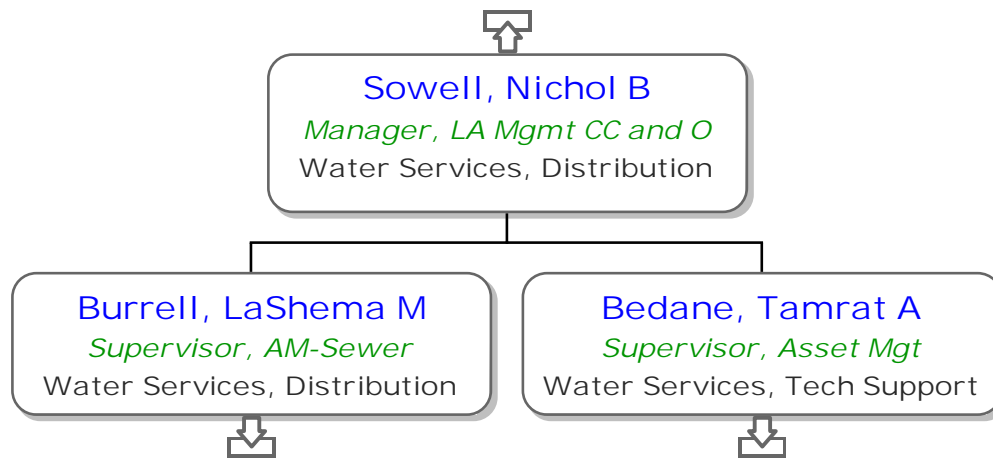


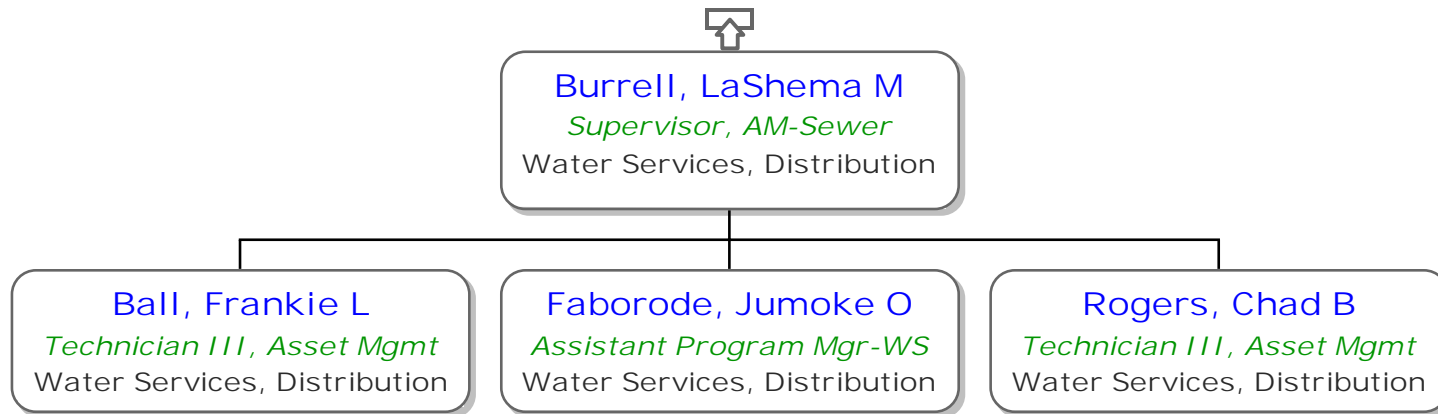
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Foreman, Water Services
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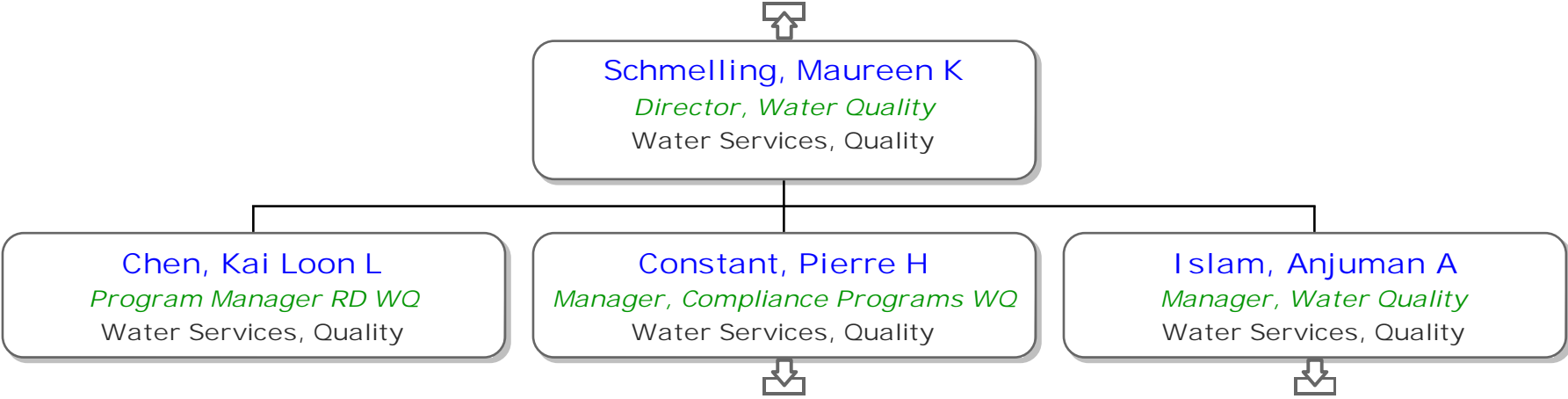
Bedane, Tamrat A
Supervisor, Asset Mgt
Water Services, Tech Support

Browne-Dennis, Thea A
Technician III, Asset Mgmt
Water Services, Distribution

Hanou, Severin R
Technician III, Asset Mgmt
Water Services, Distribution

Jackson, Terrance L
Technician III, Asset Mgmt
Water Services, Distribution

Regis, Darius J
Technician III, Asset Mgmt
Water Services, Distribution




Constant, Pierre H
Manager, Compliance Programs WO
Water Services, Quality

Allen, Reginald R
Analyst, Compliance WO
Water Services, Quality

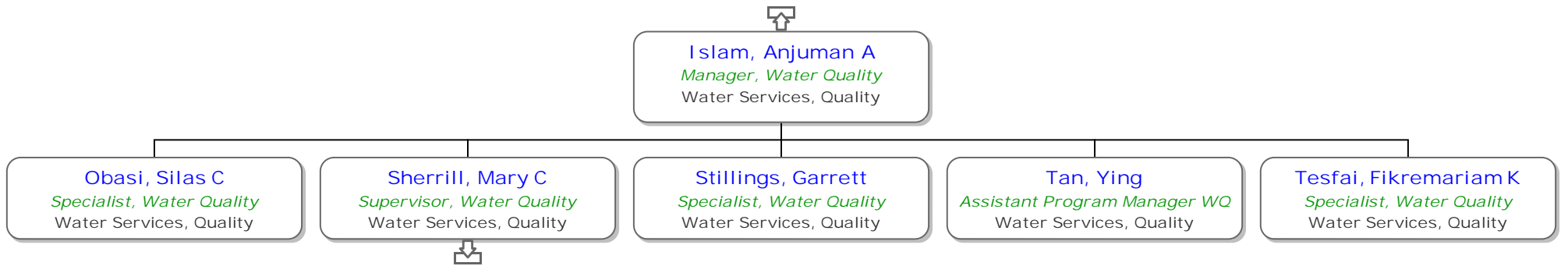
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Day, Darrick M
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Water Services, Quality

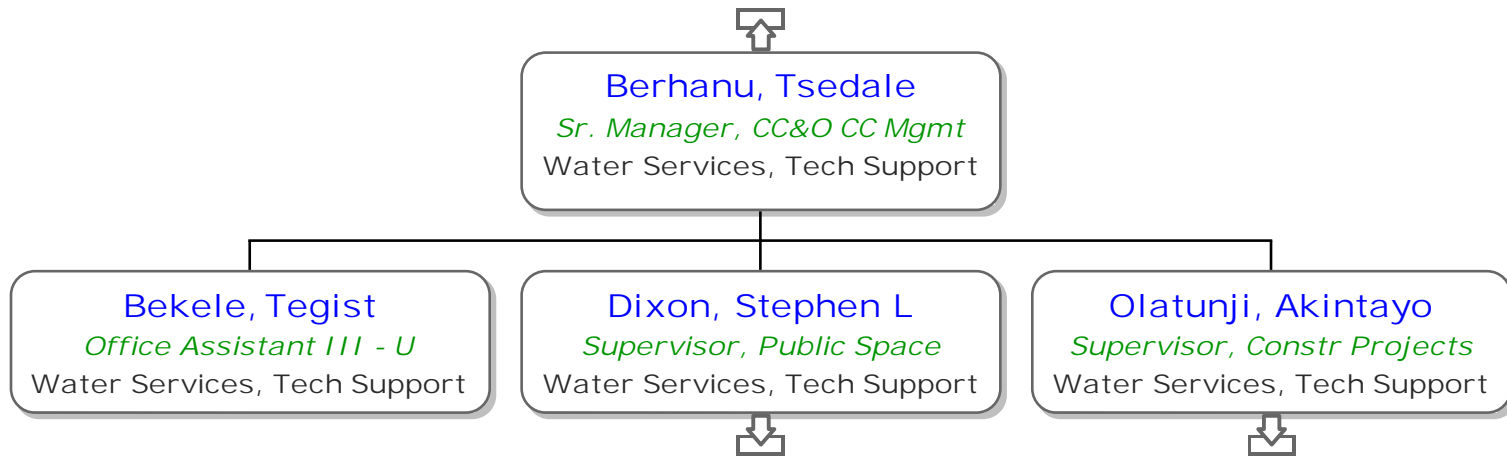
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Water Services, Quality

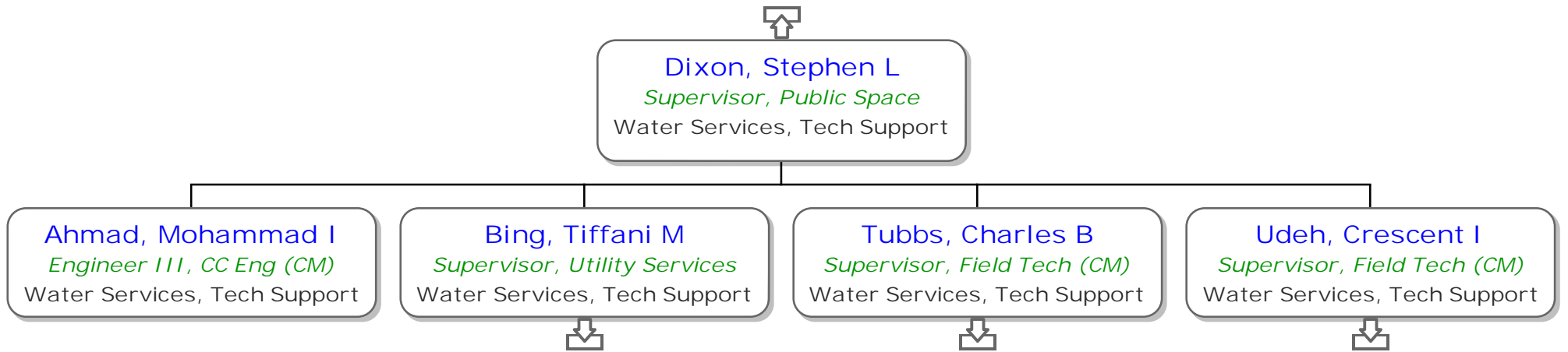
Risher, Adam K
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Water Services, Quality

Sun, Louie
Specialist, Compliance WO
Water Services, Quality











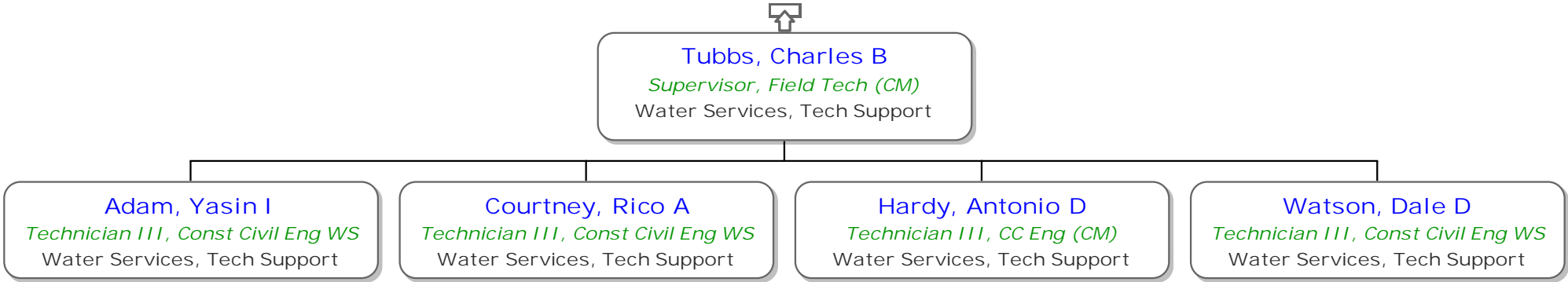
Bing, Tiffani M
Supervisor, Utility Services
Water Services, Tech Support

Davis, Jamal K
Operations Services Assistant
Water Services, Tech Support

Speaks, Lashawn P
Operations Services Assistant
Water Services, Tech Support

Stewart, Debra A
Operations Services Assistant
Water Services, Tech Support

Williams, Tonya R
Operations Services Assistant
Water Services, Tech Support





Udeh, Crescent I
Supervisor, Field Tech (CM)
Water Services, Tech Support

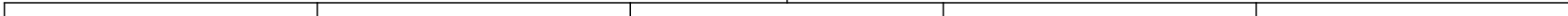
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Water Services, Tech Support

Reichenbacher, David T
Technician III, Const Civil Eng WS
Water Services, Tech Support

Tata, Theophile N
Technician III, Const Civil Eng WS
Water Services, Tech Support



Olatunji, Akintayo
Supervisor, Constr Projects
Water Services, Tech Support



Crowder, John T
Technician III, Const Civil Eng WS
Water Services, Tech Support

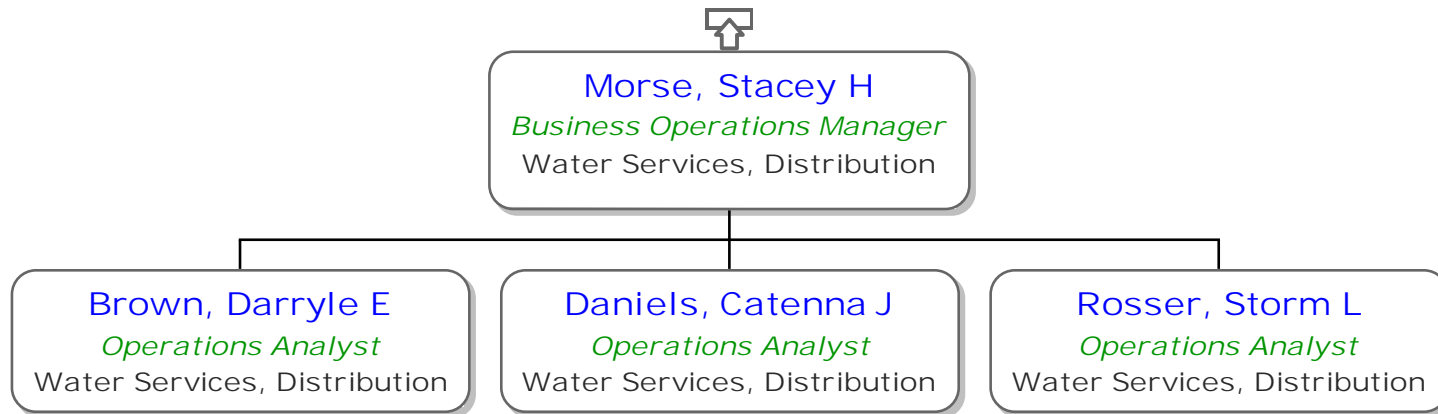
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Water Services, Tech Support

Gebrekrstos, Genene H
Technician III, CC Eng (CM)
Water Services, Tech Support

Huq, Mohammad E
Engineer III, CC Eng (CM)
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Stewart, Kyle P
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CEO & General Manager
General Manager

Barton, Lisa D
Senior Executive Coordinator to the CEO/General Manager
General Manager

Carpenter, Jonathan S
Vice-President, Industry and Business Relations
General Manager

Griffith, Wayne W
Executive Vice-President, Performance
General Manager

Manley, Linda R
Secretary to the Board
Secretary to the Board





Barton, Lisa D
Senior Executive Coordinator to the CEO/General Manager
General Manager

Flowers, Michelle O
Executive Assistant I
General Manager



Griffith, Wayne W
Executive Vice-President, Performance
General Manager

Cooper, Francis B
Director, Enterprise Program Management Office (EPMO)
General Manager

Fong, Tera L
Performance Integration & Delivery Director
General Manager

Judge, Yvette L
Business Performance Management Director
General Manager

Mathis, Debra L
Executive Assistant, Senior
General Manager



Ries, Matthew P
Director, Sustainability and Watershed Management
General Manager

Sutton, Antron C
Strategic Planning Director
General Manager



Judge, Yvette L

Business Performance Management Director

General Manager



Hagos, Helen

Program Manager, Strategic Planning & Cultural Transformation

General Manager



Manley, Linda R
Secretary to the Board
Secretary to the Board



Kilgore Stukes, Alfonzo J
Board Operations Specialist
Secretary to the Board

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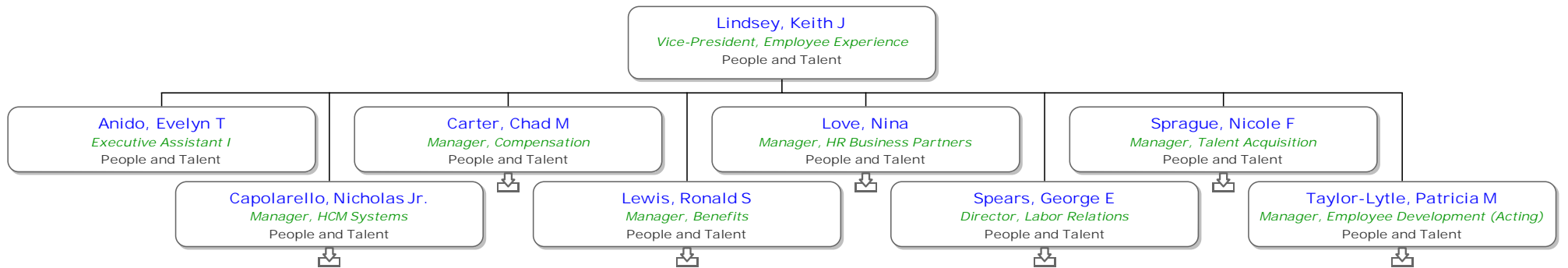
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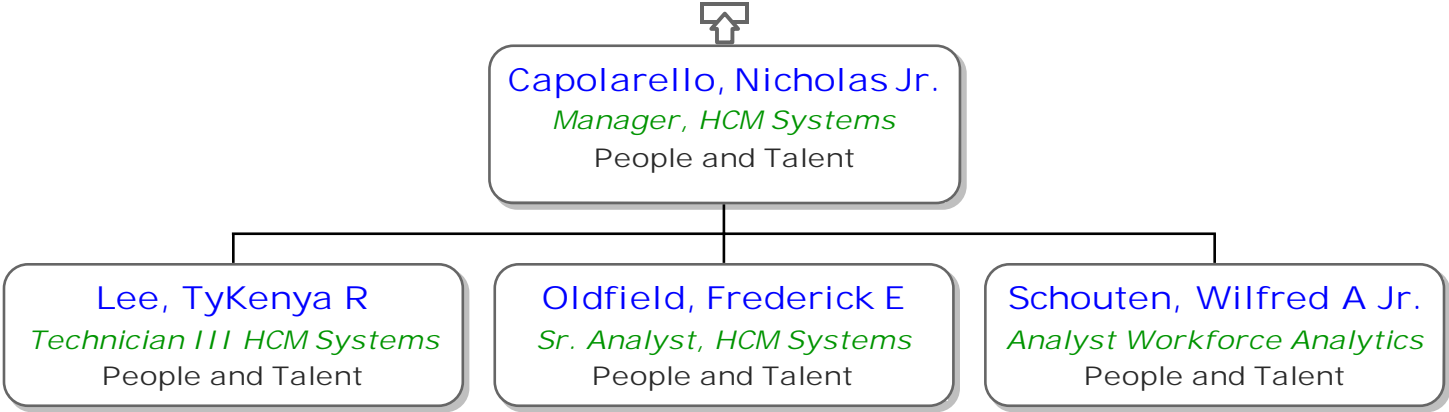
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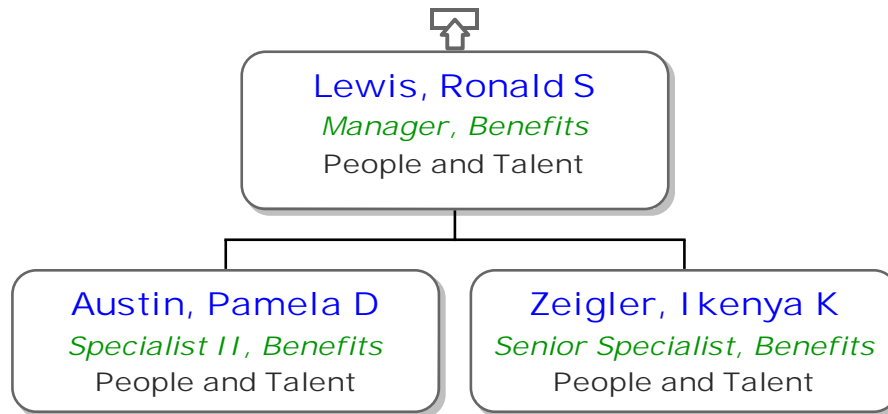


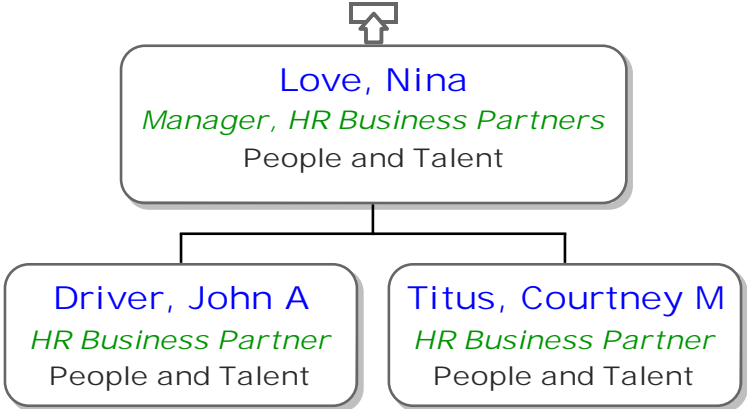




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Manager, Compensation
People and Talent

White, Ronald P
Sr. Specialist, Compensation
People and Talent







Spears, George E

Director, Labor Relations

People and Talent

Bagwell, Andria

Specialist, Labor Relations

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Hayes, Robin M

Program Manager, Workers Comp

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Kenney, Dianna G

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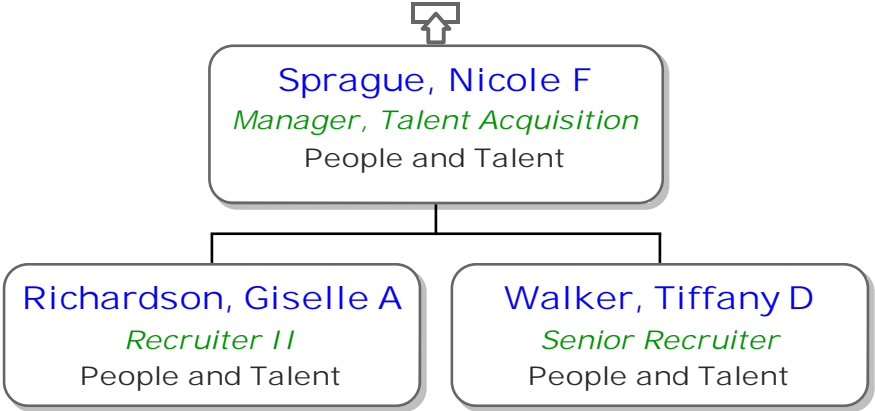
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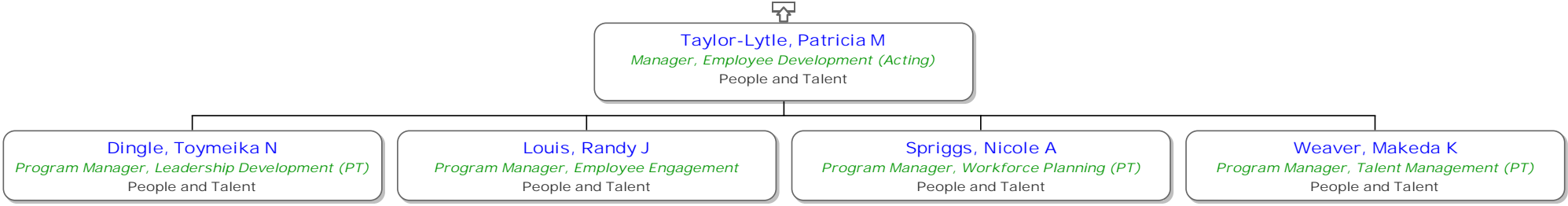
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Roberts, Crystal L

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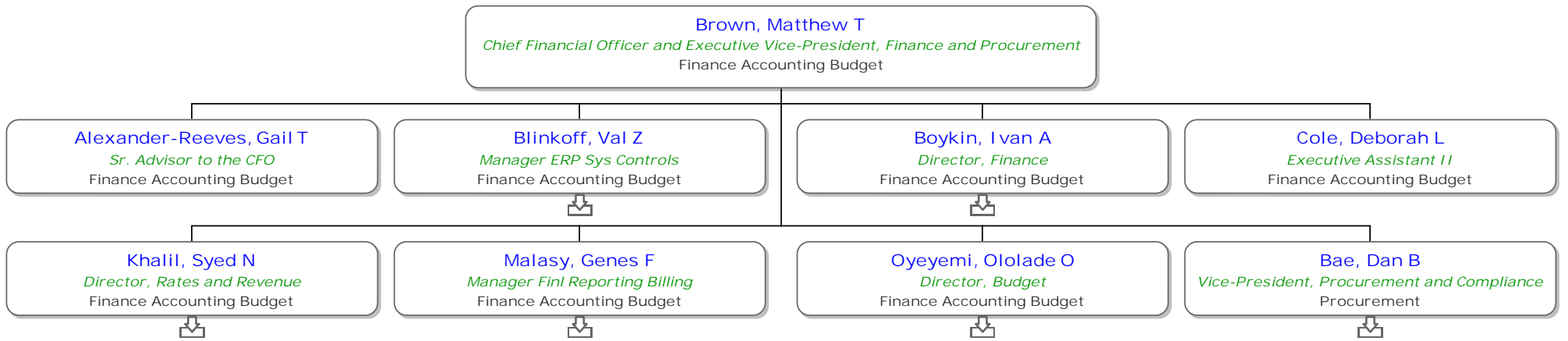
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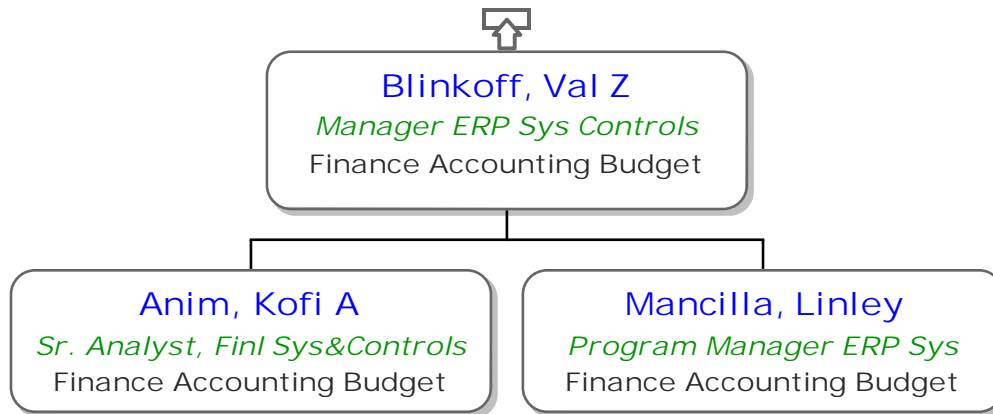
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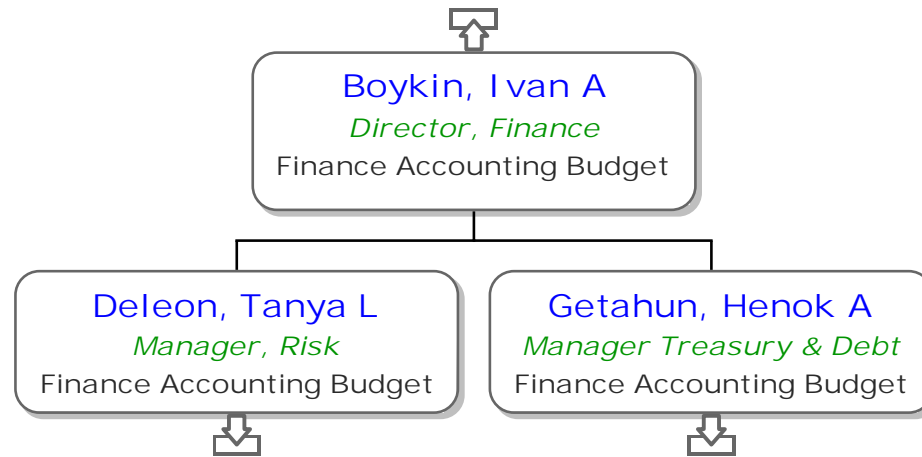
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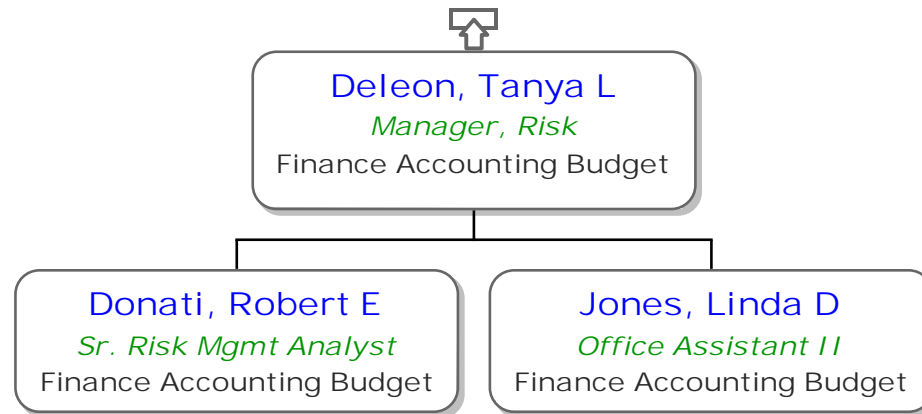
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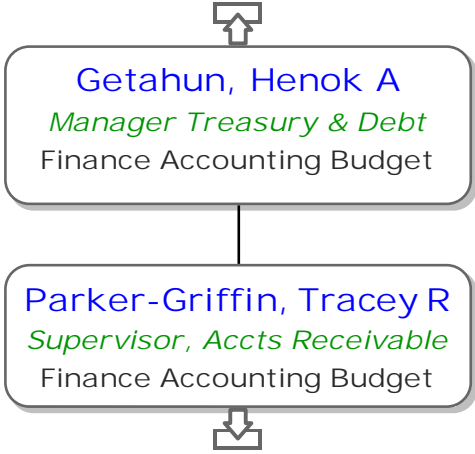
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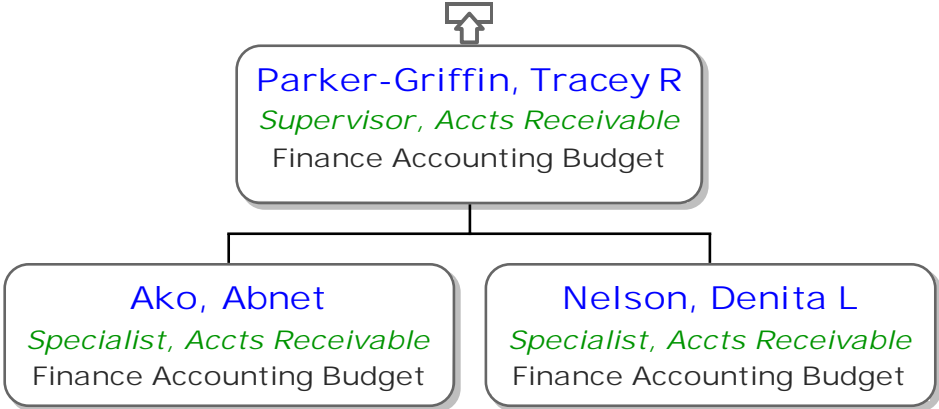


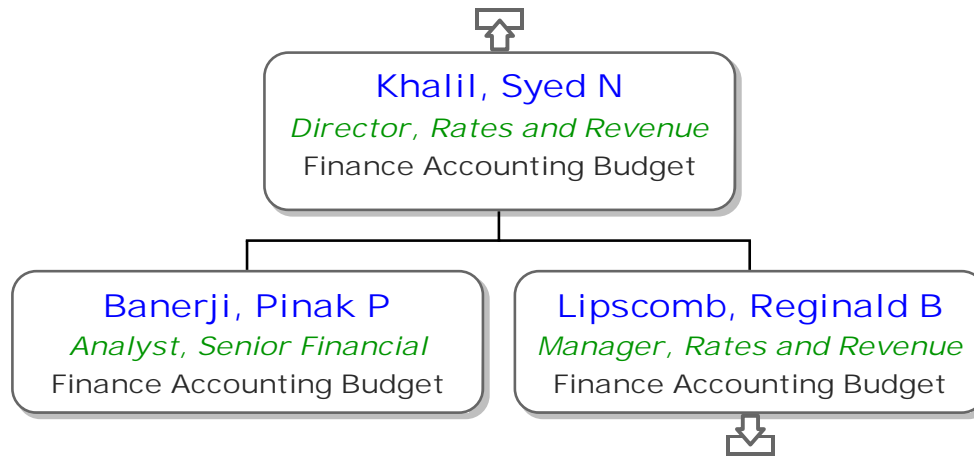














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Manager, Rates and Revenue
Finance Accounting Budget

Arega, Ashenafi G
Analyst, Senior Financial
Finance Accounting Budget



Malasy, Genes F

Manager Finl Reporting Billing
Finance Accounting Budget

Abosedede, Temi A

Program Manager, AFP
Finance Accounting Budget

Acharya, Tika P

Analyst, Senior Financial
Finance Accounting Budget

Gautam, Yubraj

Analyst, Senior Financial
Finance Accounting Budget

Kaneh, Easmon V

Staff Accountant
Finance Accounting Budget

Pitt, Otis Jr.

Manager, Accounts Payable
Finance Accounting Budget

Redd, Cassandra

Manager Payroll
Finance Accounting Budget

Truong, Hoa T

Manager, Accounting
Finance Accounting Budget

Vaughn, Christine B

Analyst, Senior Financial
Finance Accounting Budget





Pitt, Otis Jr.

Manager, Accounts Payable
Finance Accounting Budget

Covington, Shandra M

Specialist, Accounts Payable
Finance Accounting Budget

I dowu, Michelle O

Specialist, Accounts Payable
Finance Accounting Budget

Johnson, Michelle D

Specialist, Accounts Payable
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Lathern, Cerise B

Specialist, Accounts Payable
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Little, Jacqueline T

Specialist, Accounts Payable
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Redd, Cassandra

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Bartley, Richard C

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Boseman, Robin M

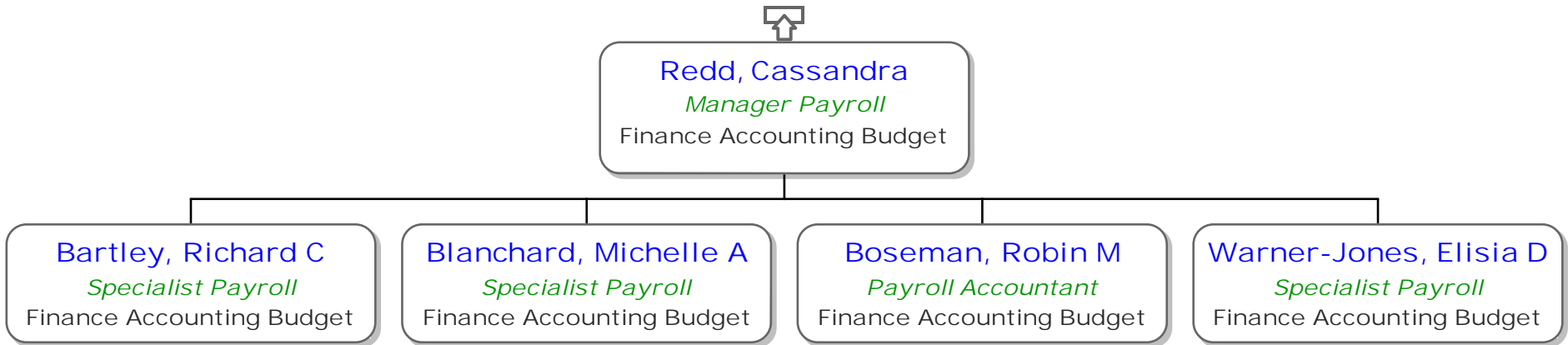
Payroll Accountant

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Warner-Jones, Elisia D

Specialist Payroll

Finance Accounting Budget





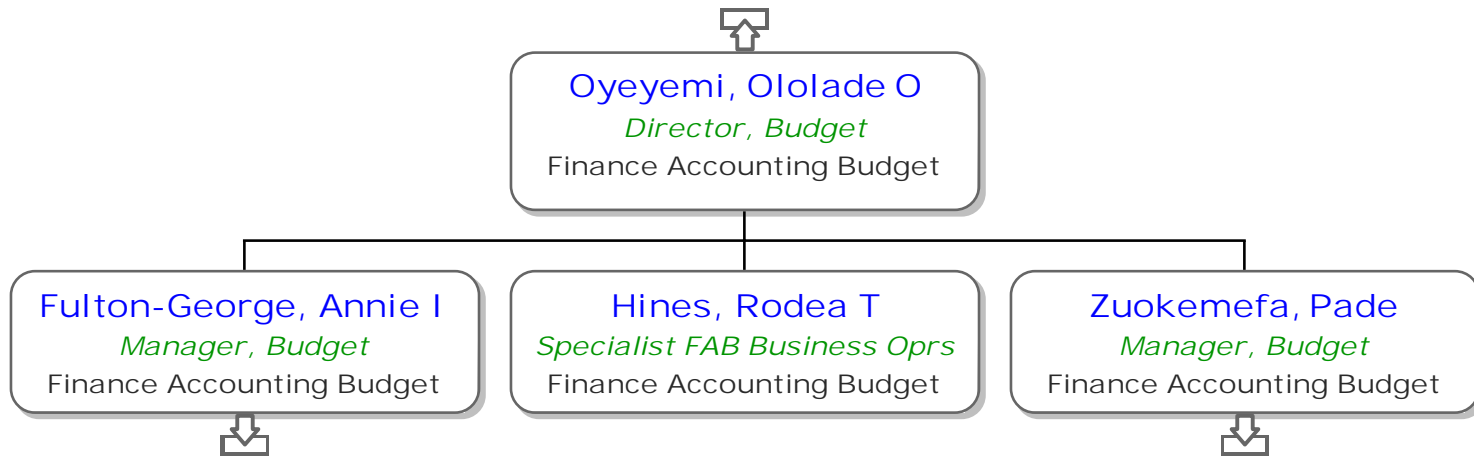
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Bo, Yilan
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Hunter, Michelle M
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Liu, Ye
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Paudel, Yagya H
Senior Accountant
Finance Accounting Budget





Fulton-George, Annie I
Manager, Budget
Finance Accounting Budget

O' Neal, Patrice N
Analyst, Senior Financial
Finance Accounting Budget



Zuokemefa, Pade

Manager, Budget

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Butcher-Wallace, Dionne R

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Analyst, Senior Financial

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Johnson, Stacey A

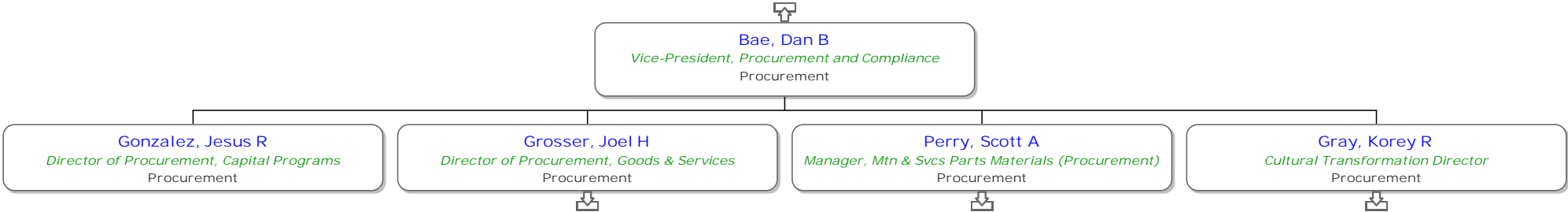
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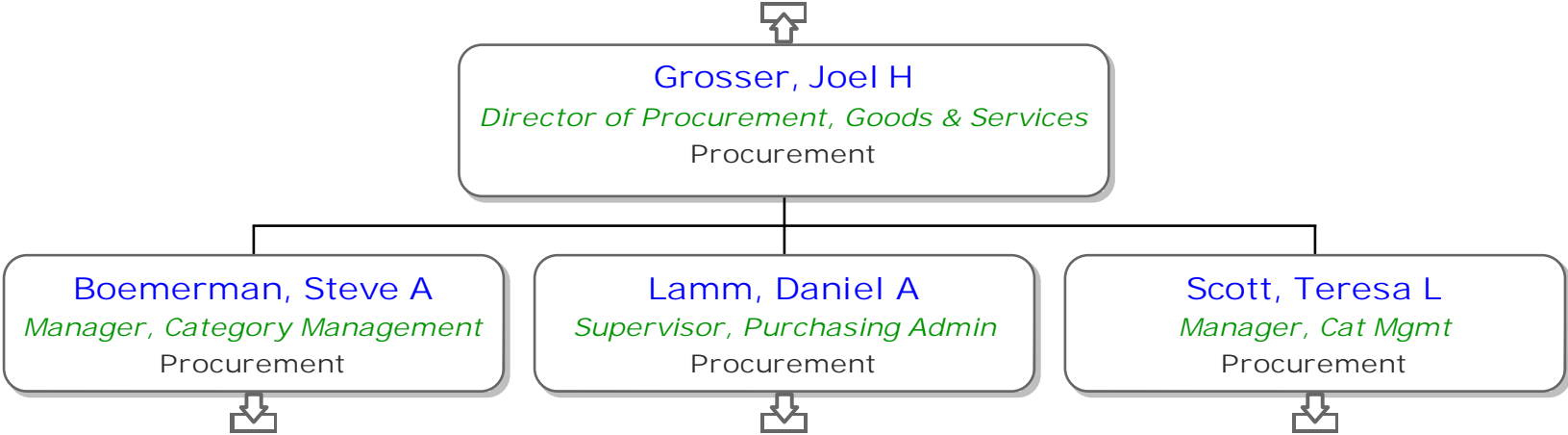
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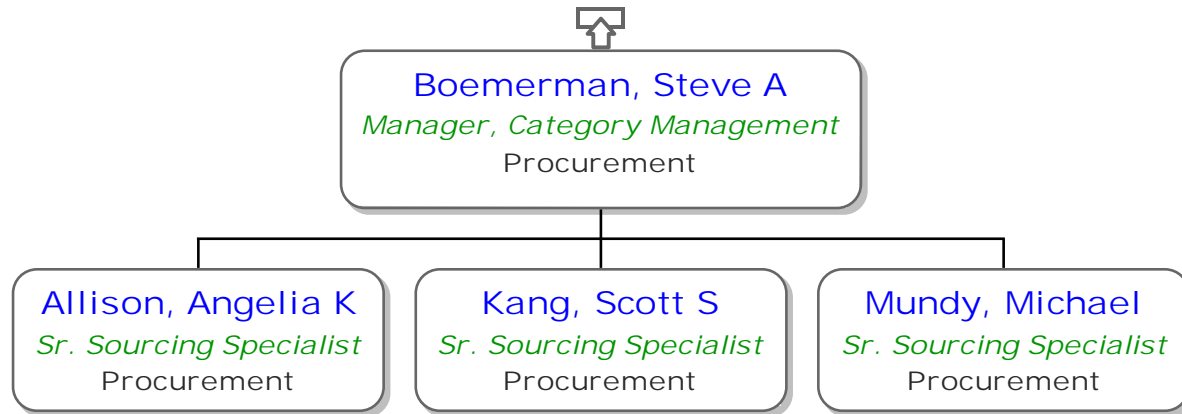
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Analyst, Senior Financial

Finance Accounting Budget









Lamm, Daniel A
Supervisor, Purchasing Admin
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Copeland, Shelley N
Sourcing Specialist II
Procurement

Jones, Bruce S
Sourcing Specialist I
Procurement

Randall, Jean L
Sourcing Specialist I
Procurement



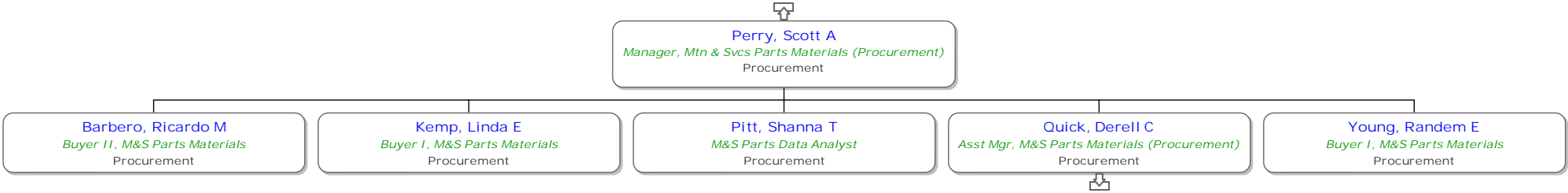
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Manager, Cat Mgmt
Procurement

Garrett, Esther B
Sourcing Coordinator
Procurement

Kloster, Christina W
Sr. Sourcing Specialist
Procurement

Martinez Martinez, Paula I
Sr. Sourcing Specialist
Procurement

Pepper, Hildred Jr.
Sr. Sourcing Specialist
Procurement





Quick, Derell C

Asst Mgr, M&S Parts Materials (Procurement)

Procurement

Anyaso, Christopher C

Warehouse Worker

Procurement

Edwards, Rodney

Warehouse Worker

Procurement

Gamble, Barron L

Warehouse Worker

Procurement

Henry, William P

Warehouse Worker

Procurement

Jackson, Jerome

Warehouse Worker

Procurement

Ricks, Nathaniel E

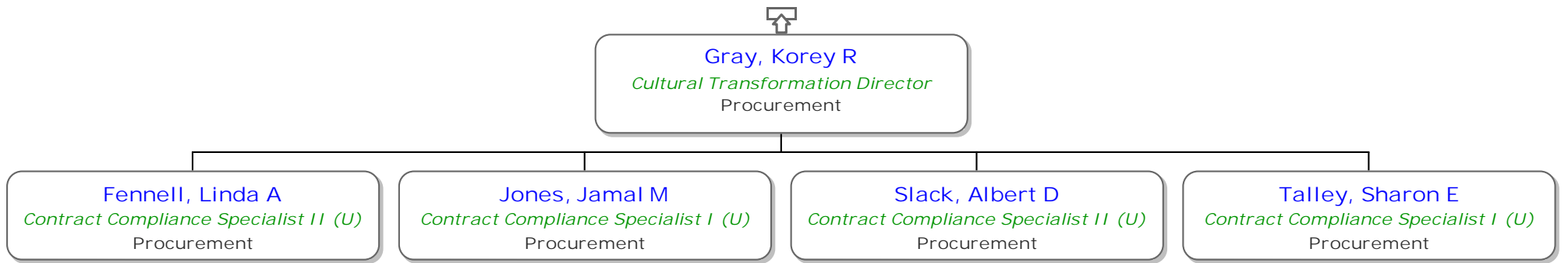
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Procurement

Thomas, Elvis

Warehouse Worker

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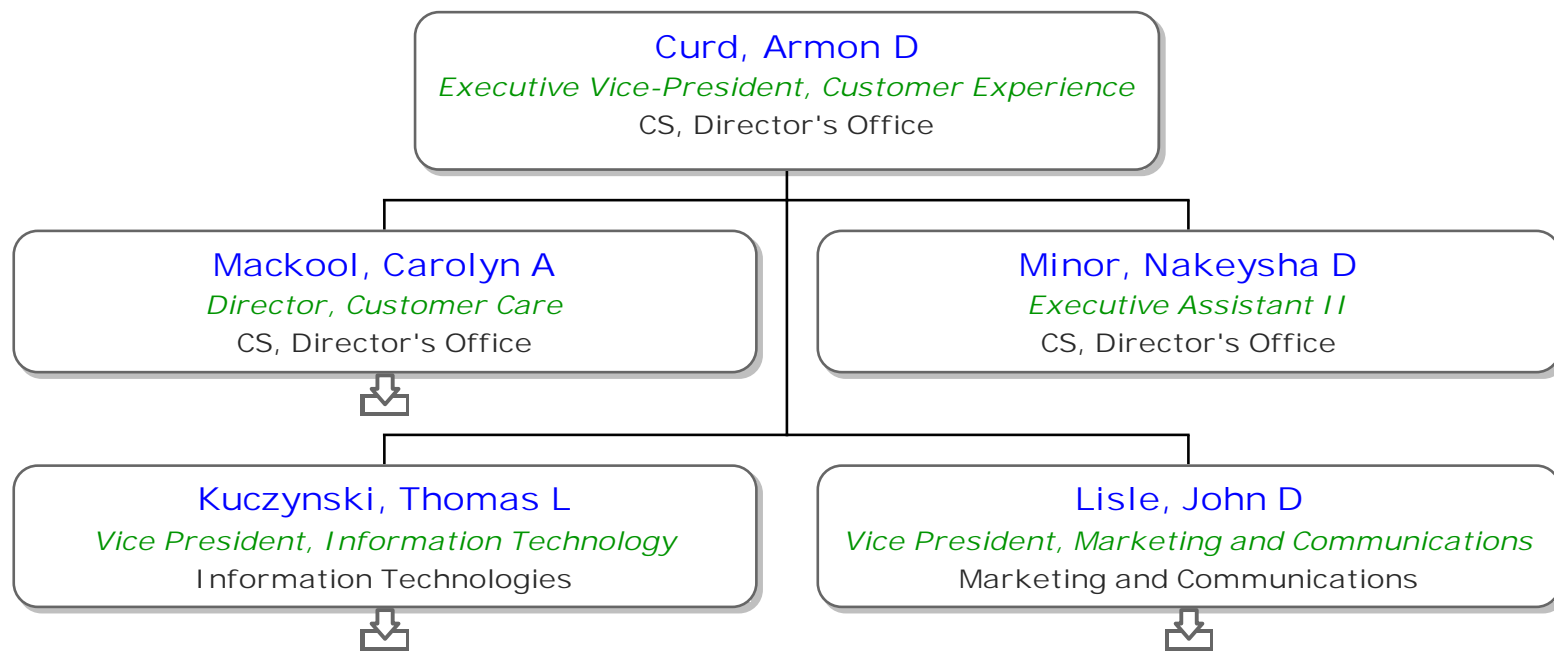
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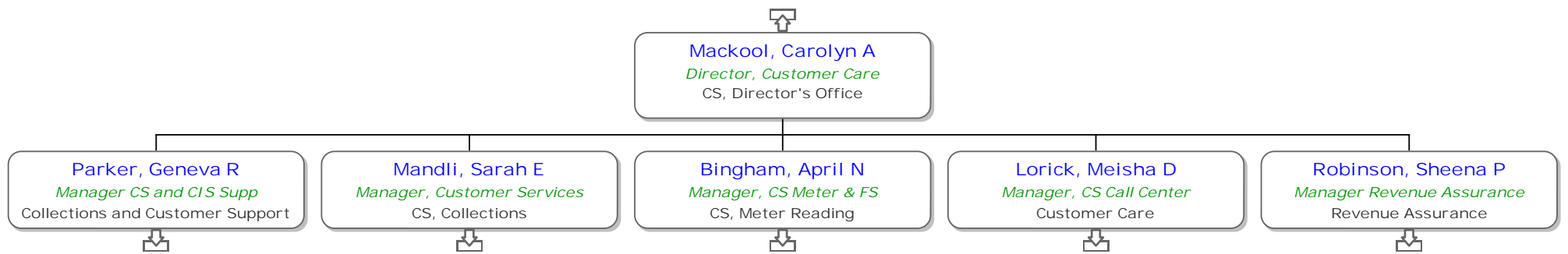
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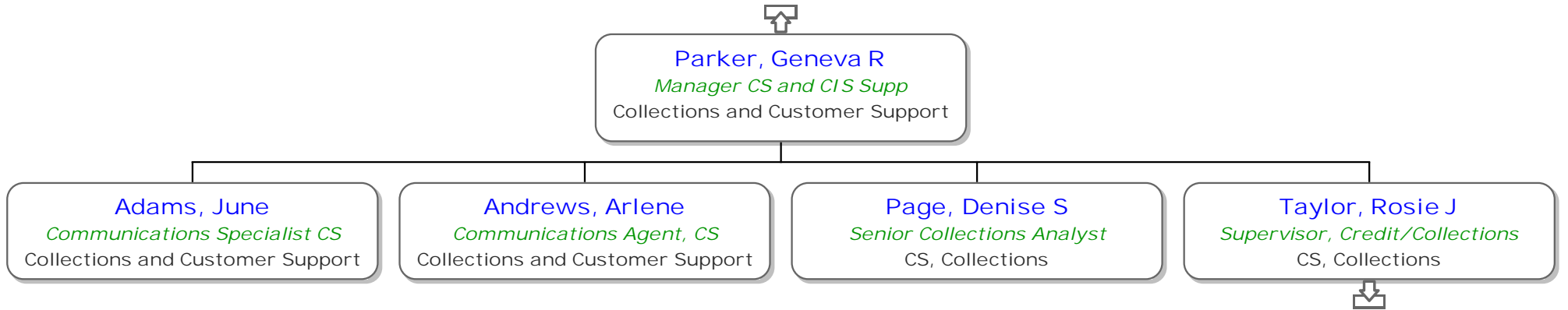
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Taylor, Rosie J
Supervisor, Credit/Collections
CS, Collections

Brown, April J
Collections Analyst - LA
CS, Collections

Hamlet, Krystal L
Collections Analyst II
CS, Collections

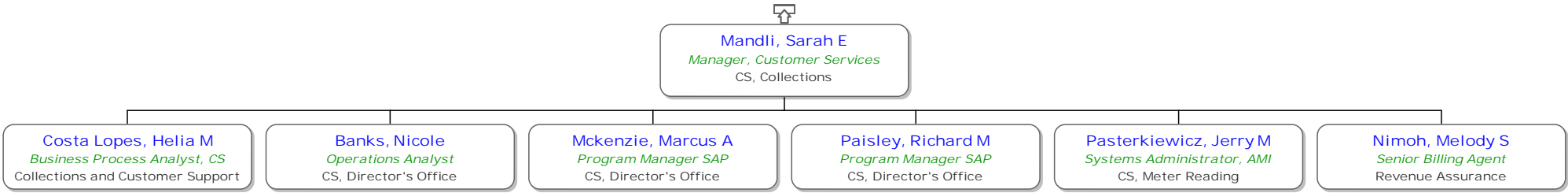
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Collections Analyst II
CS, Collections

Kingsbury, Antoine M
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CS, Collections

Leonard, Tyvon J
Collections Analyst II
CS, Collections

Mcmullin, Sean T
Collections Analyst II
CS, Collections

Miller, Birdina L
Coord, Collection Program
CS, Collections





Bingham, April N
Manager, CS Meter & FS
CS, Meter Reading



Badmus, Kehinde
Meter Technician I
CS, Meter Operations

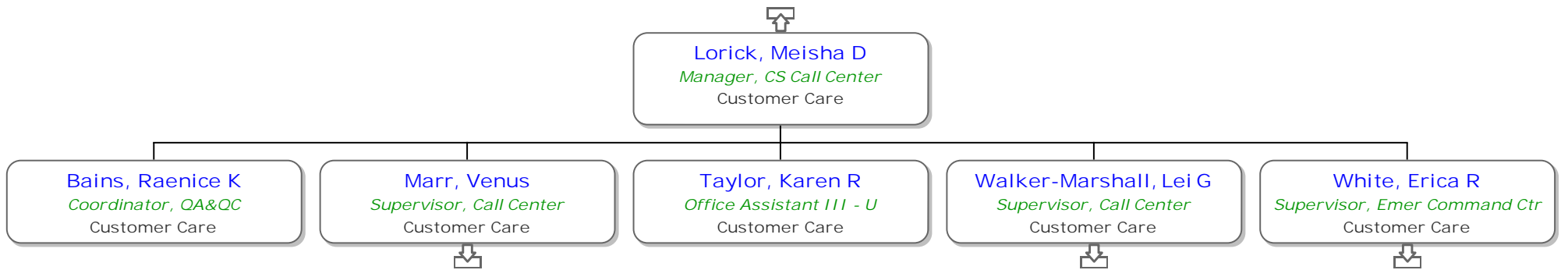
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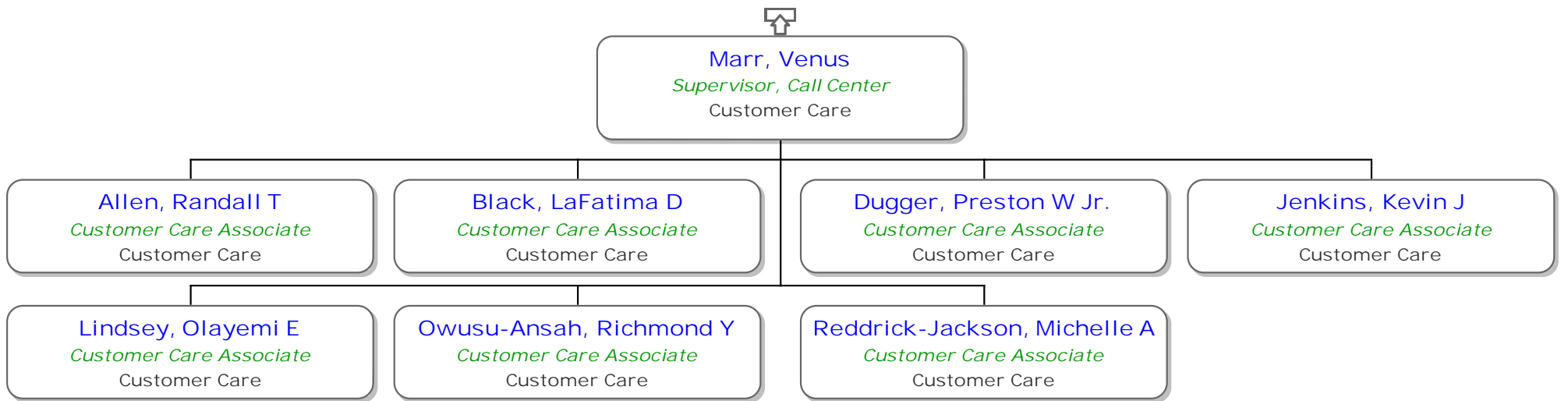
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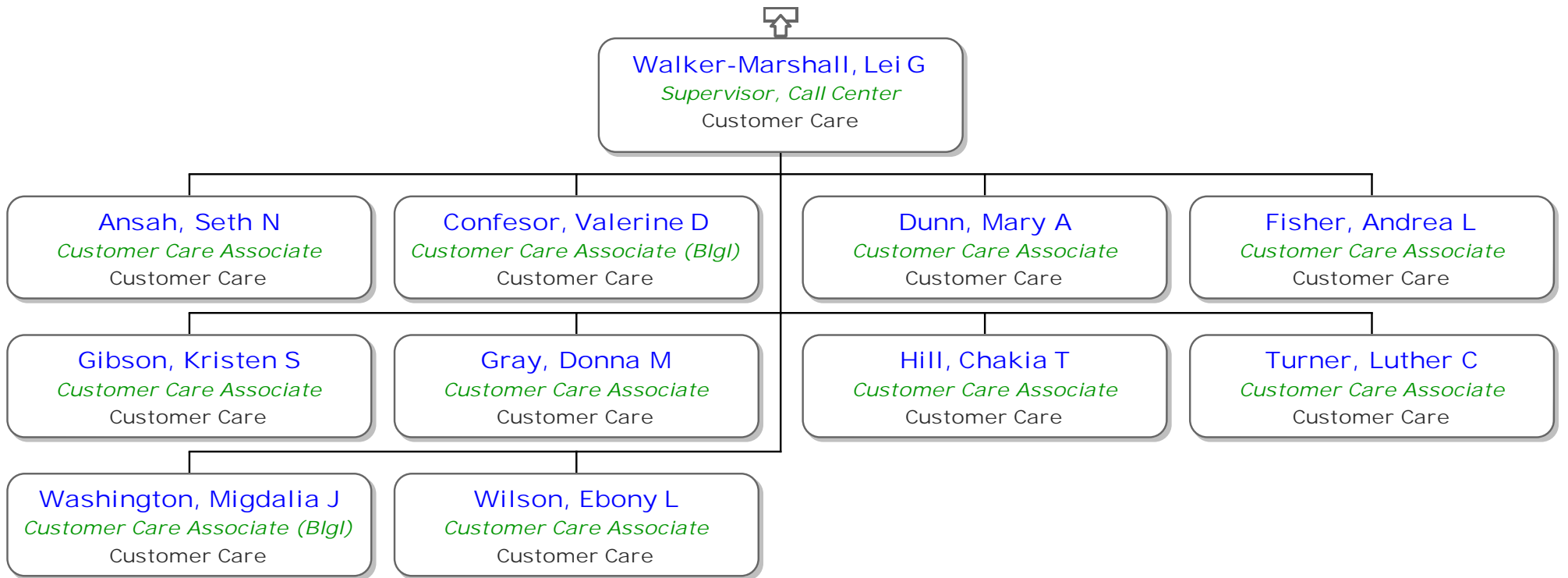
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CS, Meter Operations

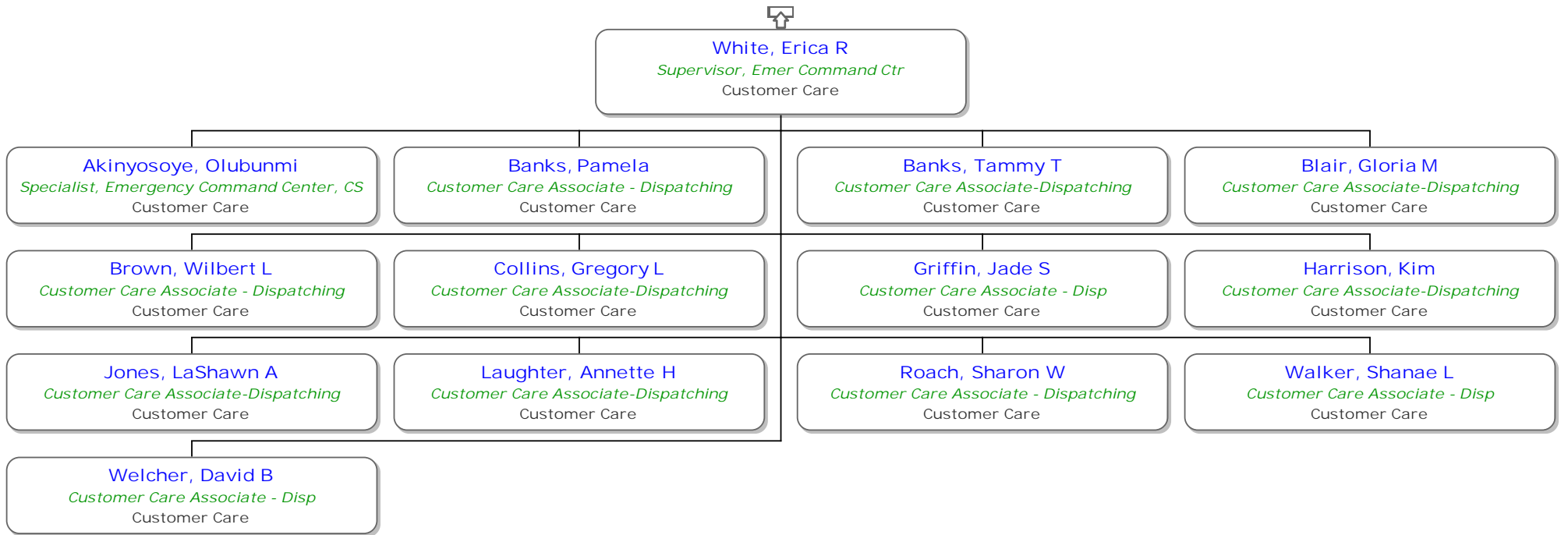
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Field Technician
CS, Meter Reading

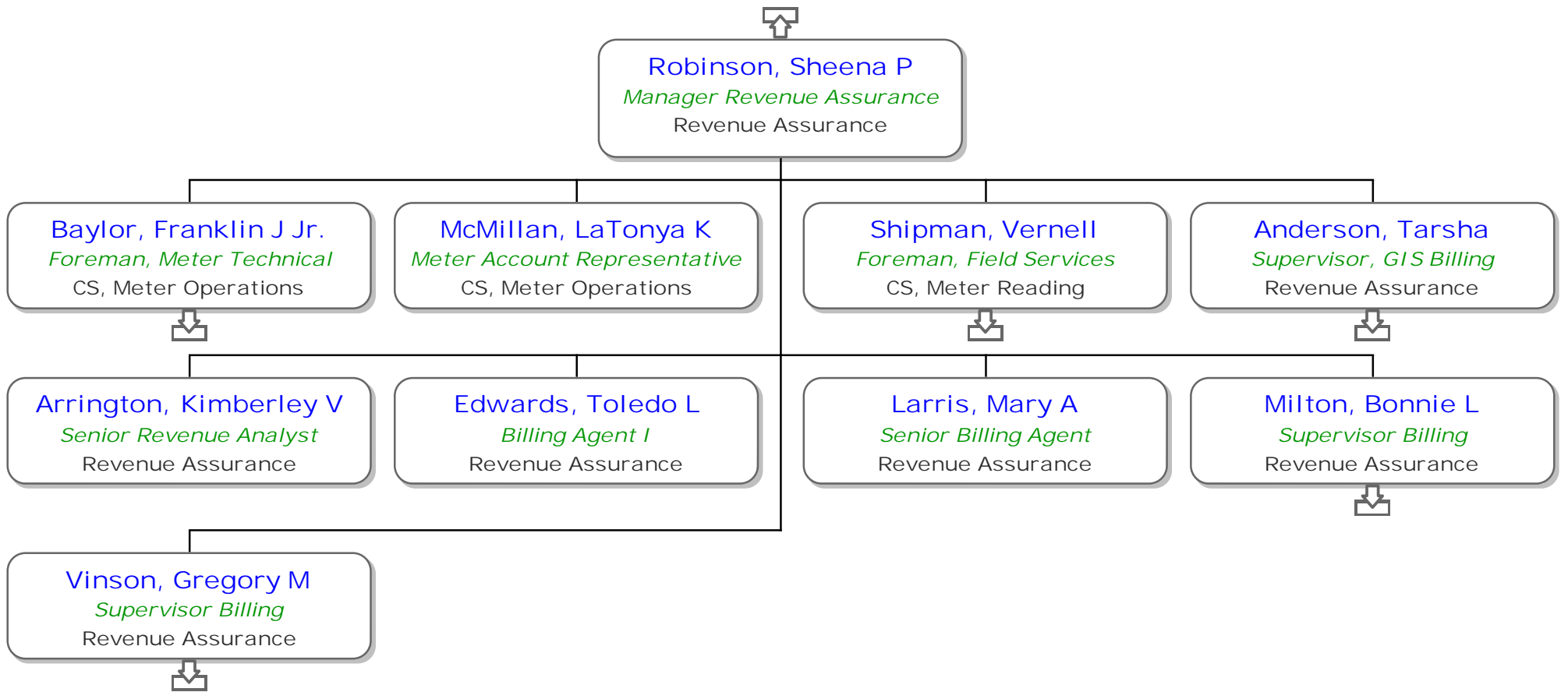
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Field Technician
CS, Meter Reading

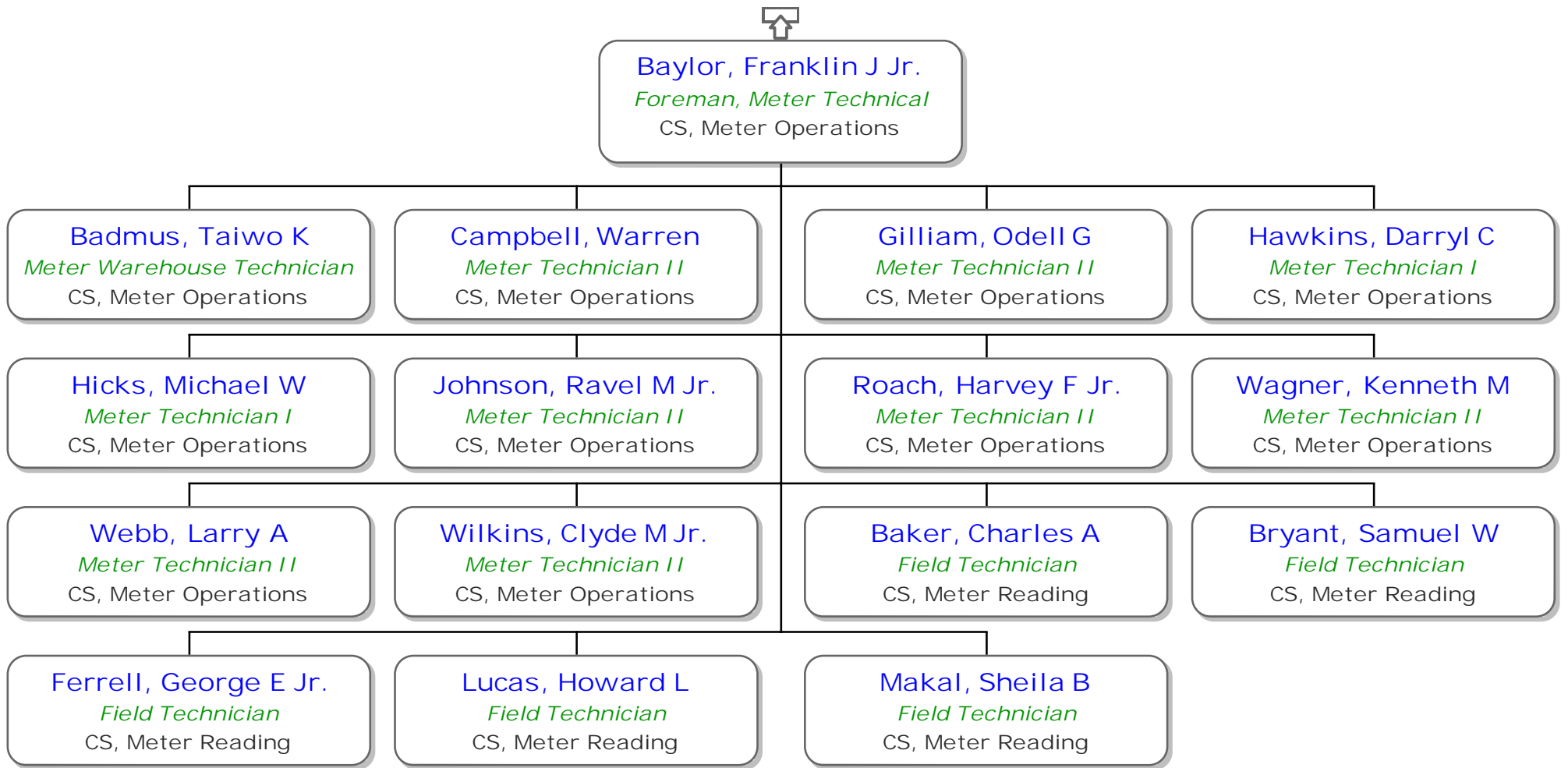














Shipman, Vernell
Foreman, Field Services
CS, Meter Reading



Ewell, Marc A
Field Technician
CS, Meter Reading

Huntley, Bryant
Field Technician
CS, Meter Reading

Mccoy, Kenard R
Field Technician
CS, Meter Reading

Ottley, Kyle M
Field Technician
CS, Meter Reading

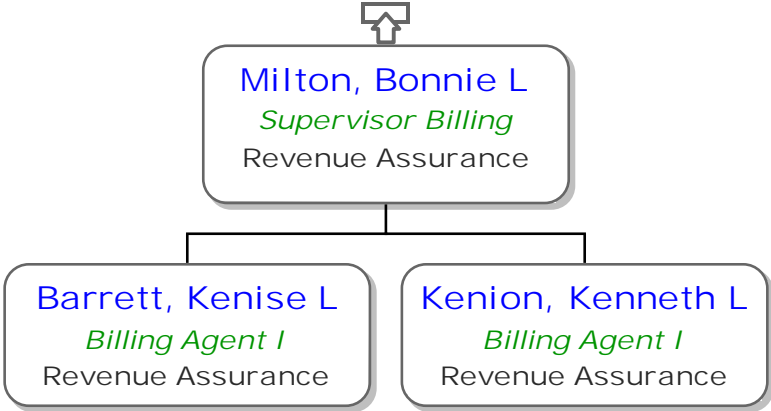
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CS, Meter Reading

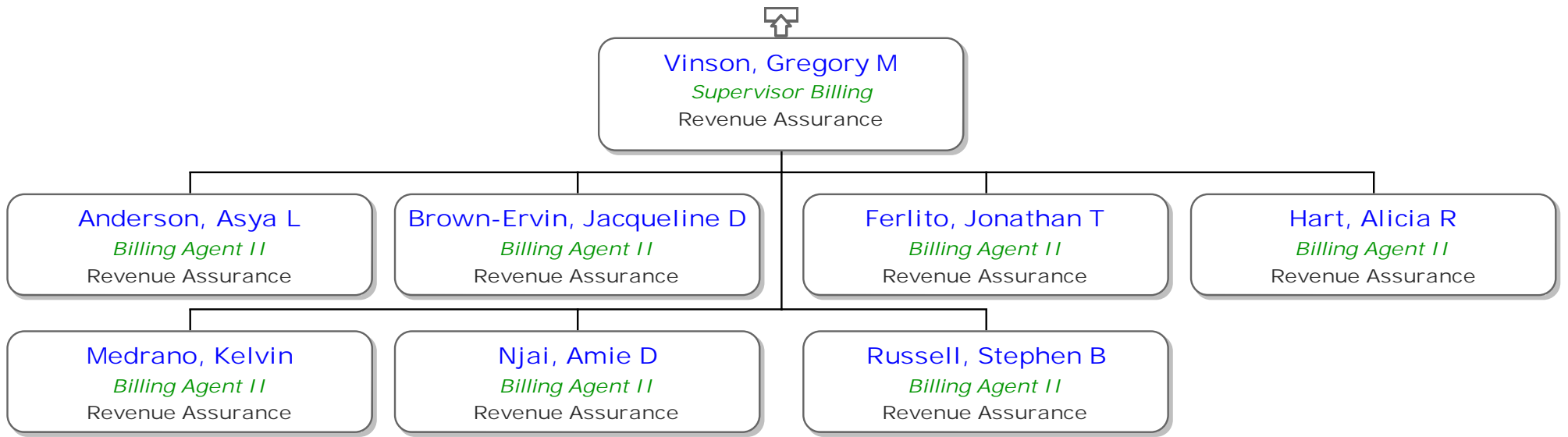
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CS, Meter Reading

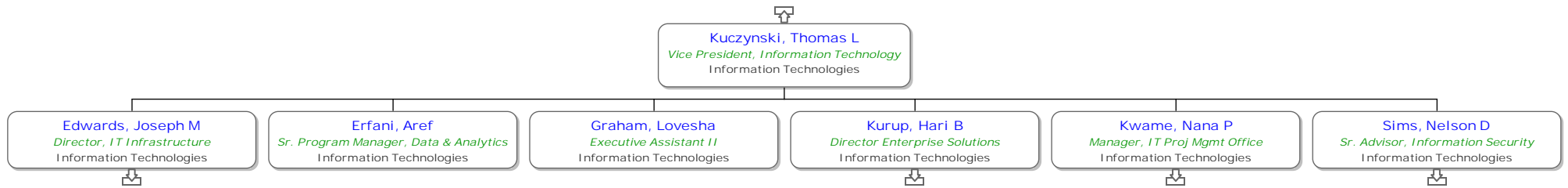


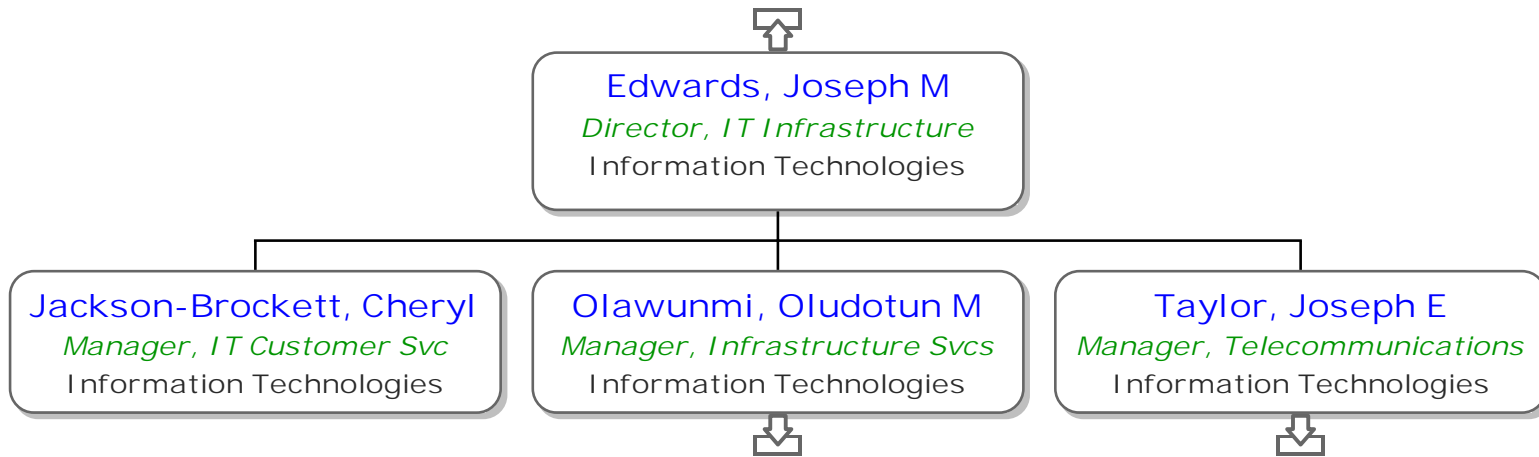
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Supervisor, GIS Billing
Revenue Assurance

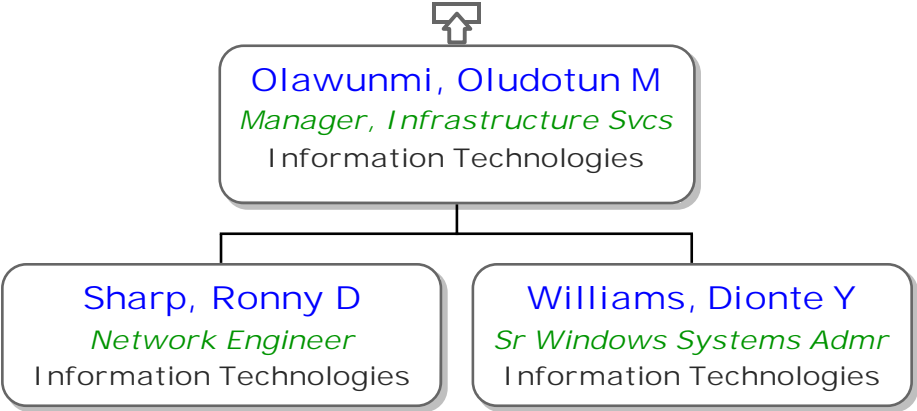
Green-Lyons, Cherie T
GIS Billing Agent
Revenue Assurance













Taylor, Joseph E

Manager, Telecommunications

Information Technologies

Coleman, Rial F

VoIP Administrator

Information Technologies

Littlejohn, Damon M

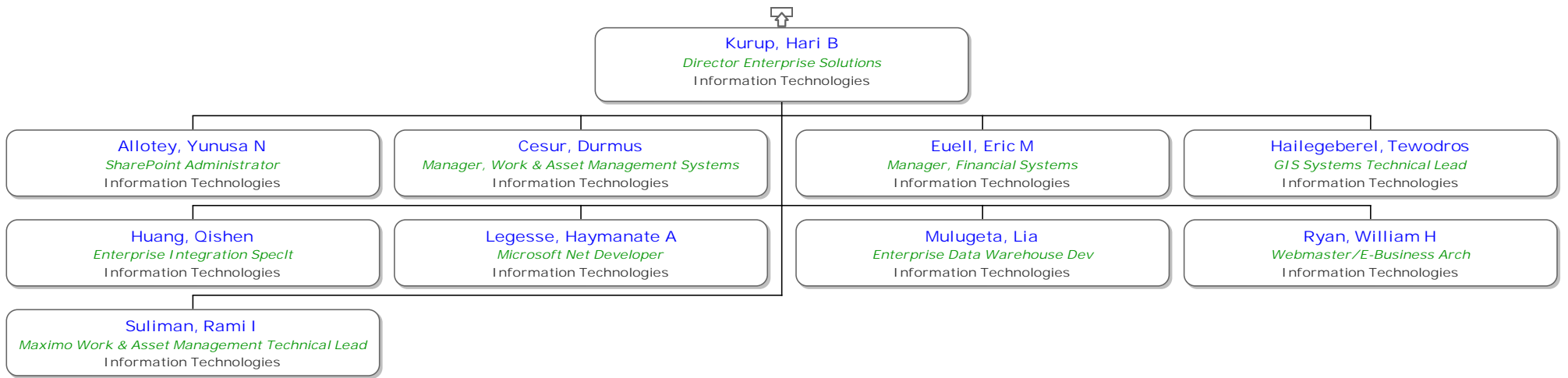
Technician, Telecommunications

Information Technologies

Stewart, Mark L

Sr. Techn, Telecomm

Information Technologies





Kwame, Nana P

Manager, IT Proj Mgmt Office

Information Technologies

Price, Lisa C

Logistics Coordinator

Information Technologies

Tamadonigamchi, Torkaman

Enterprise Business Analyst

Information Technologies

Zavala, Yesenia

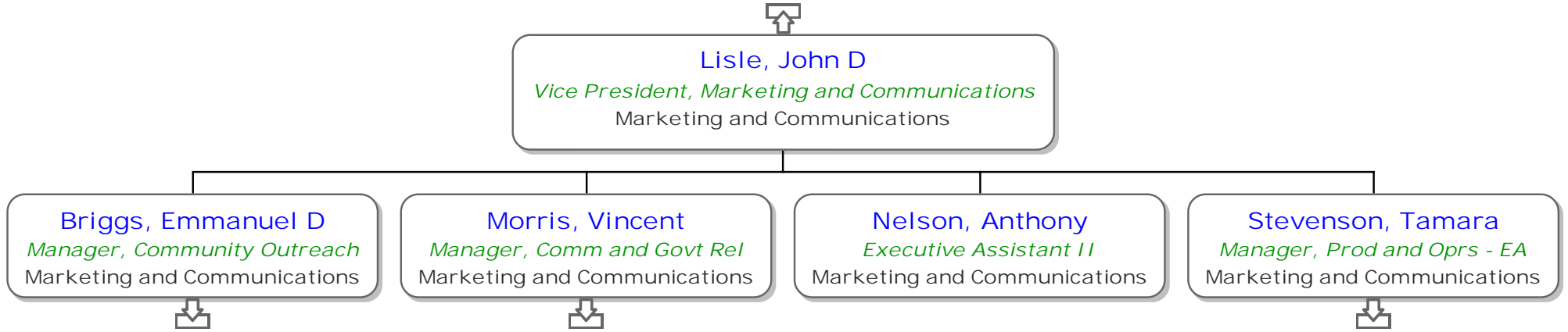
Logistics Coordinator

Information Technologies



Sims, Nelson D
Sr. Advisor, Information Security
Information Technologies

Abney, Antonio L
Asset and Data Security Spec
Information Technologies





Briggs, Emmanuel D
Manager, Community Outreach
Marketing and Communications

Epperson, Lectoria B
Coordinator Education Outreach
Marketing and Communications



Morris, Vincent
Manager, Comm and Govt Rel
Marketing and Communications

Deignan, John J
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Mooring, Pamela J
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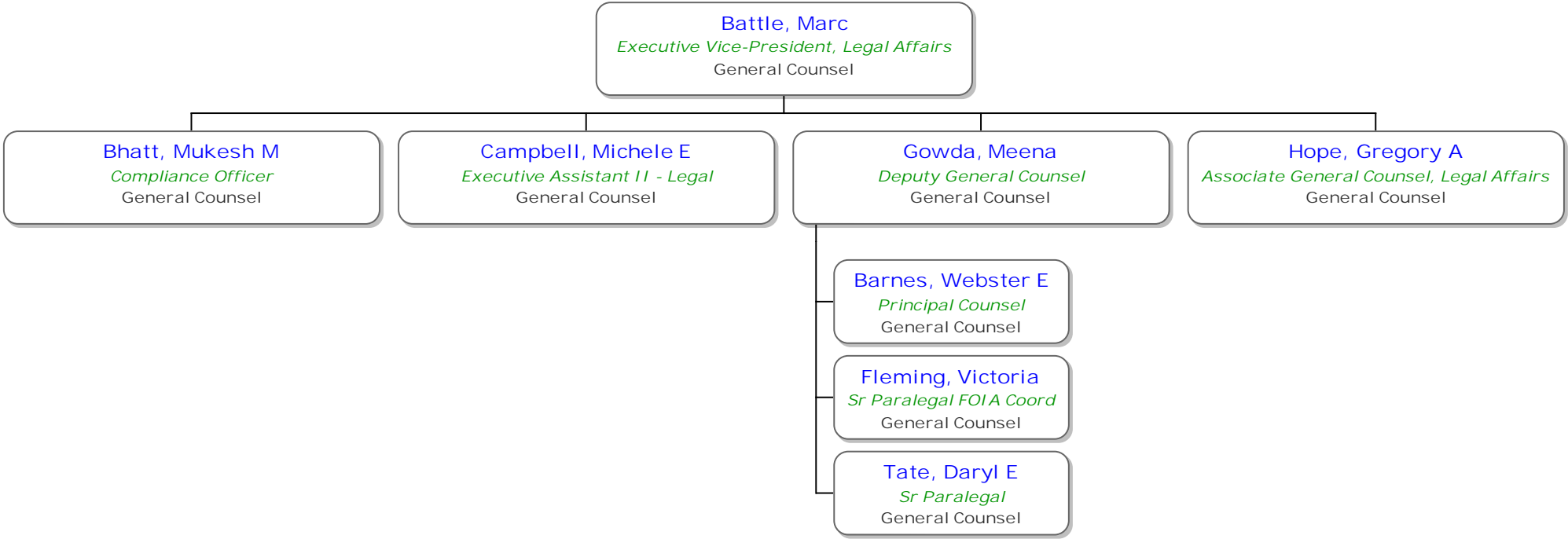
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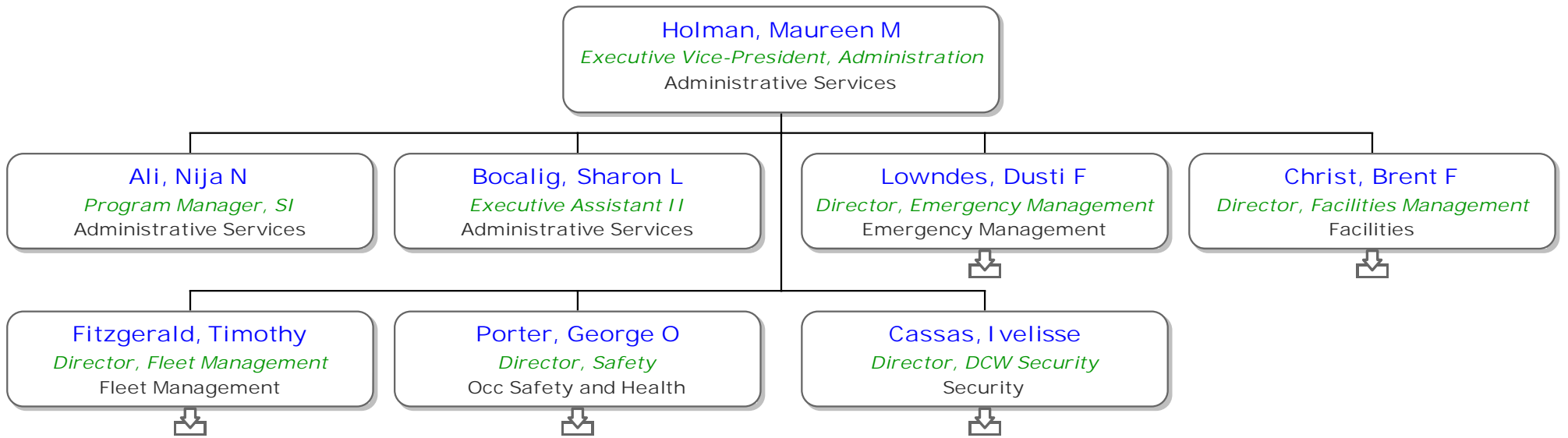
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Lowndes, Dusti F

Director, Emergency Management

Emergency Management

Hill, Jared

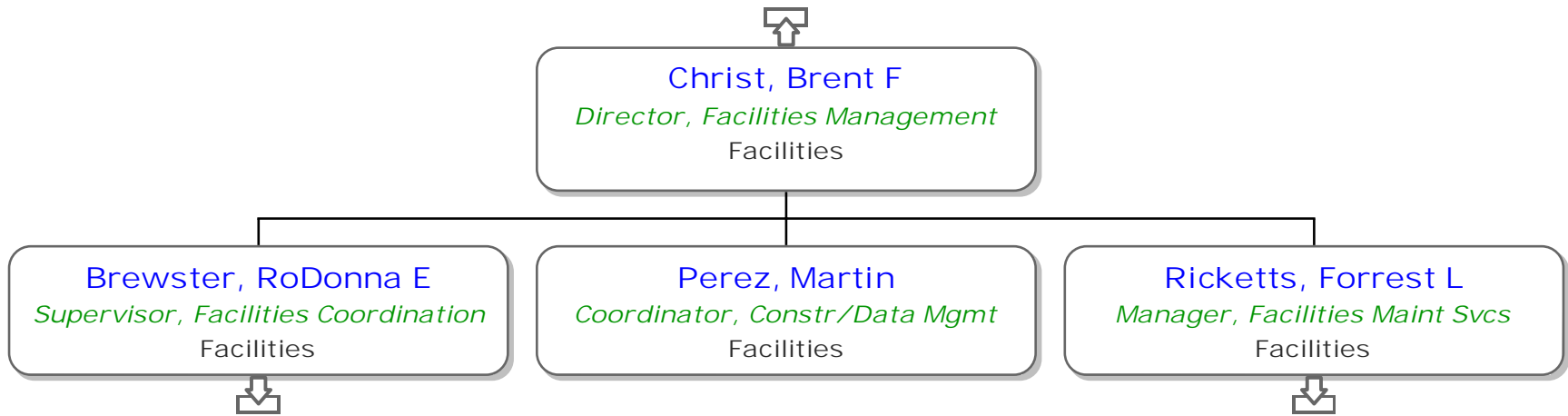
Manager, Emergency Mgmt

Emergency Management

Moore, Farisse D

Program Manager, Safety & Fire Life Safety

Emergency Management

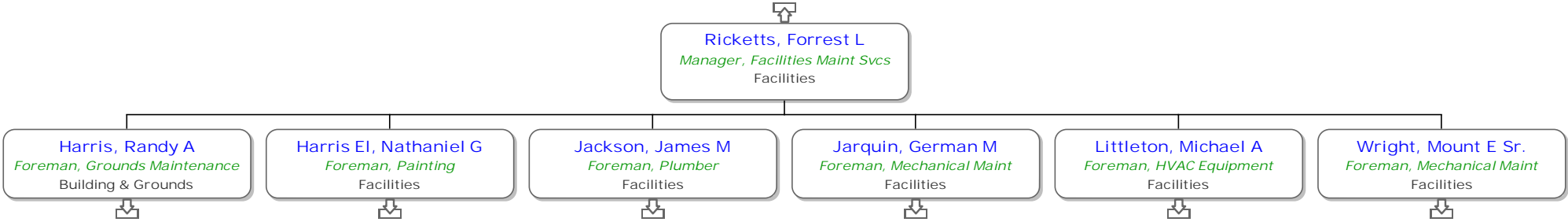


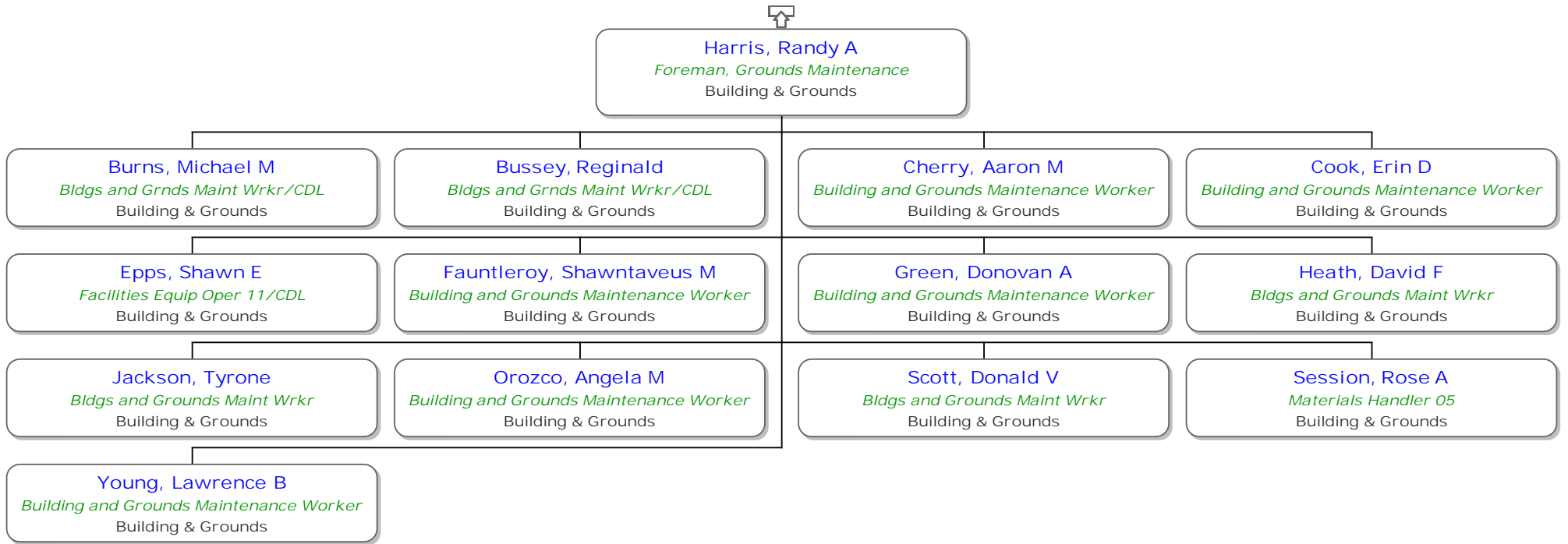


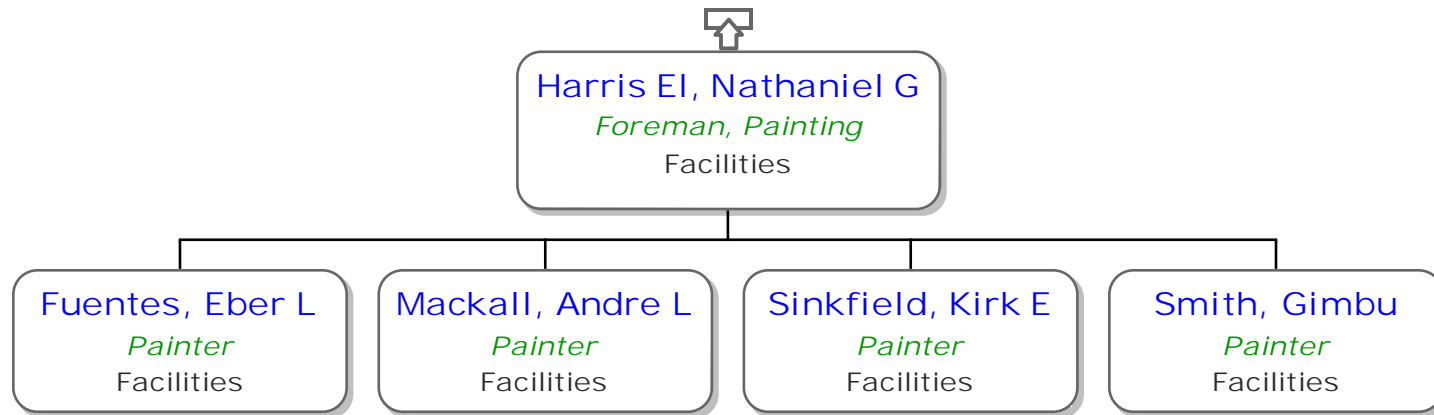
Brewster, RoDonna E
Supervisor, Facilities Coordination
Facilities

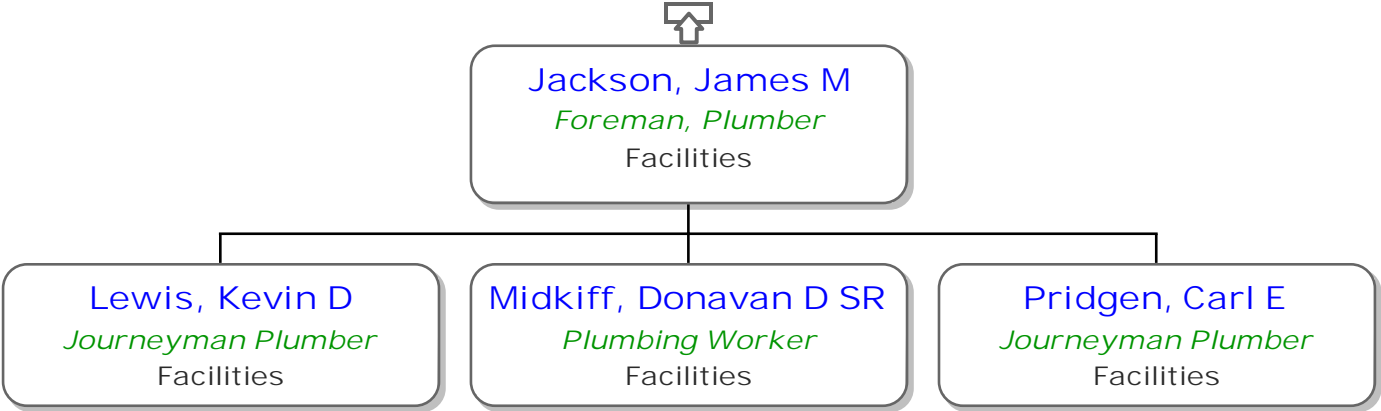
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Office Assistant III
Facilities

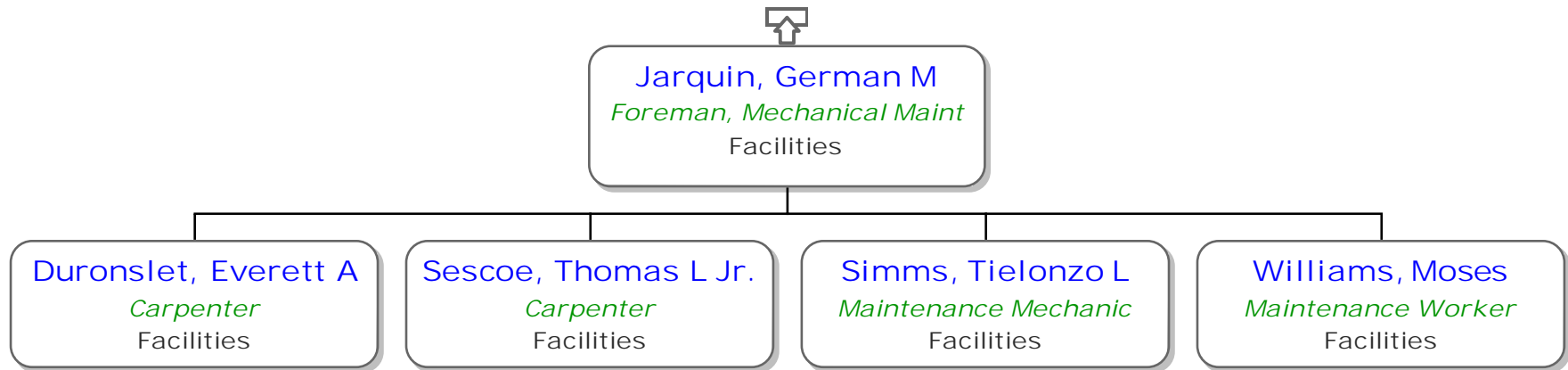
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Assistant, Facilities Mgt.
Facilities



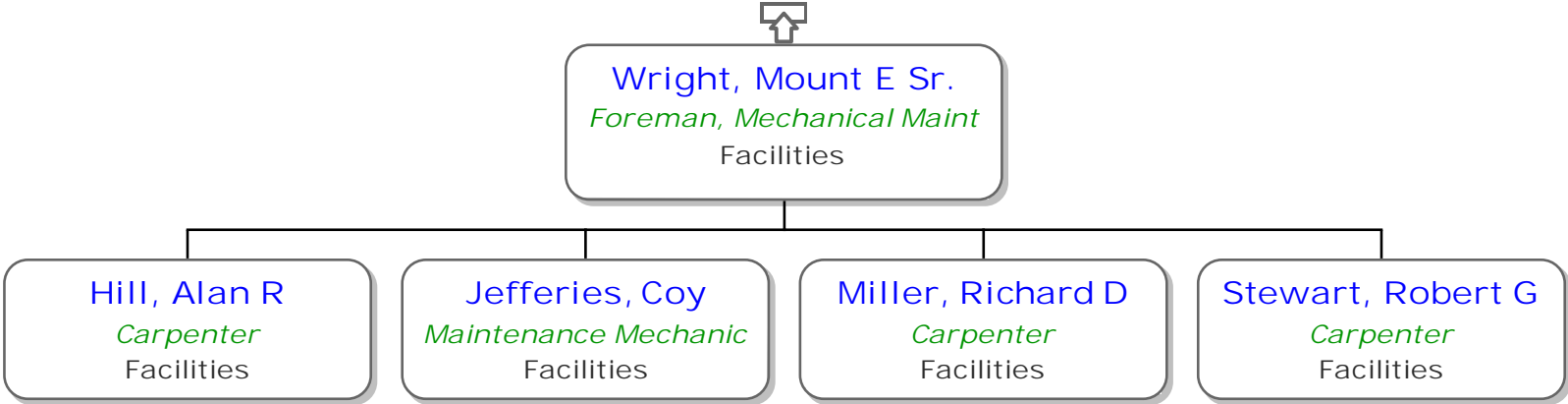


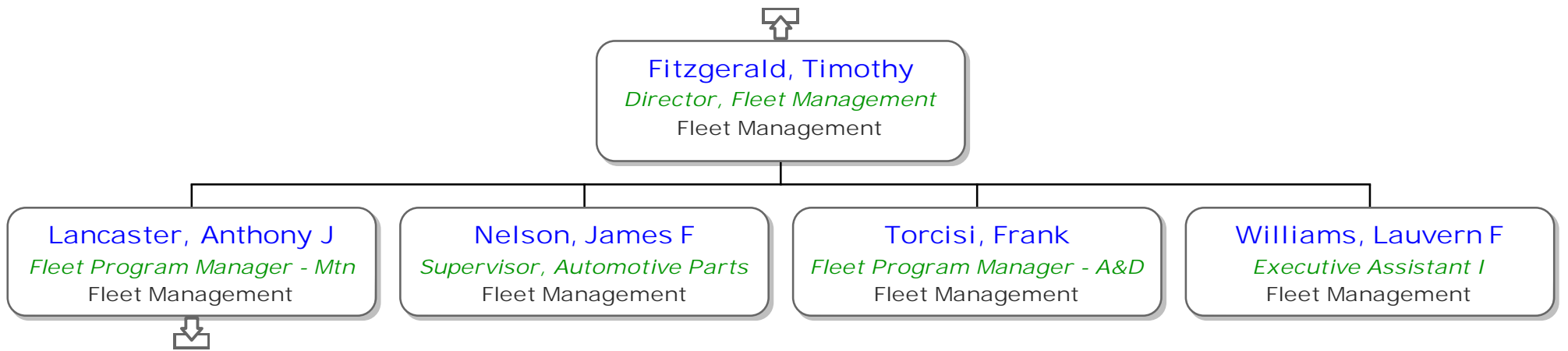














Lancaster, Anthony J

Fleet Program Manager - Mtn

Fleet Management

Keith, Bradley E

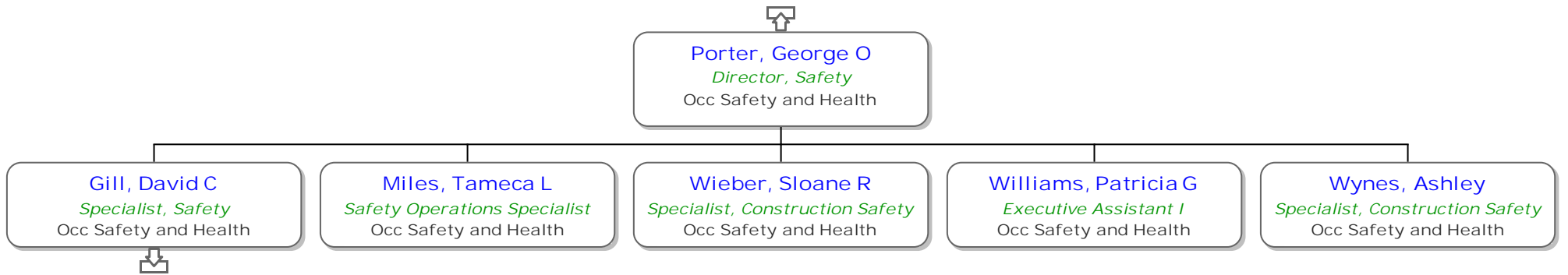
CDL and Safe Driver Prog Spec

Fleet Management

Mullins, Michael I

Technician, Quality Assurance

Fleet Management

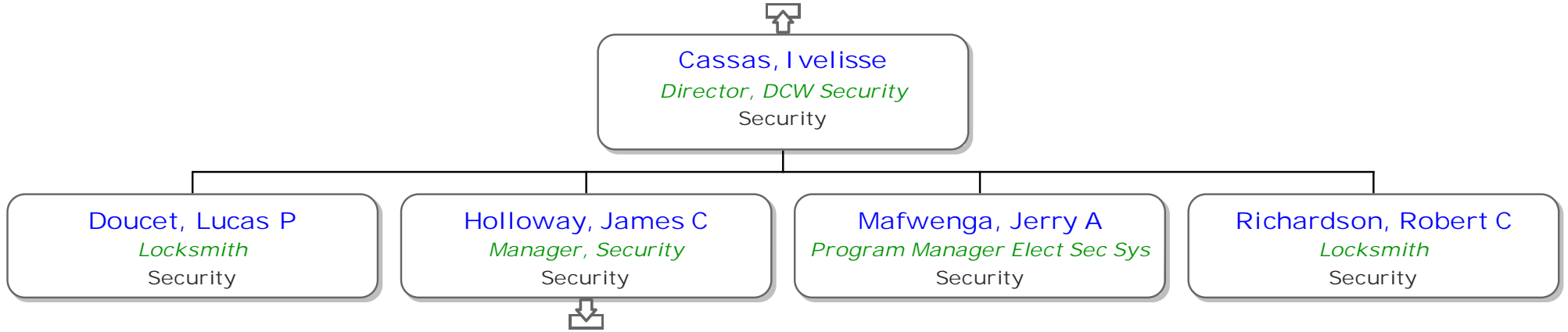




Gill, David C
Specialist, Safety
Occ Safety and Health

Ayalew, Wubshet A
Specialist, Safety
Occ Safety and Health

Bouyat, George M
Specialist Env & Safety
Occ Safety and Health





Holloway, James C
Manager, Security
Security



Gainey, Eric W
Senior Investigator
Security

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Lancaster, Anthony J.....	14, 15	Williams, Patricia G.....	16
Lewis, Kevin D.....	10	Wright, Mount E Sr.....	7, 13
Littleton, Michael A.....	7, 12	Wynes, Ashley.....	16
Lowndes, Dusti F.....	3, 4	Young, Lawrence B.....	8



December 2019 Position Inventory Report

Table with columns: Dept, PCN, Union Code, Clock, Name, Job Code, Job Title, Vacancy Date or Position Create Date, Vacancy Age, Budget to Fill or FTE, Under Recruit or Accepted Offer, Category, Salary/Budget, Occupied, Filled, Vacant. It lists various positions across departments like 1110, 1210, 1310, 1410, and 2110.



December 2019 Position Inventory Report

Table with 15 columns: Dept, PCN, Union Code, Clock, Name, Job Code, Job Title, Vacancy Date or Position Create Date, Vacancy Age, Budget to Fill or FTE, Under Recruit or Accepted Offer, Category, Salary/Budget, Occupied, Filled, Vacant. Rows include various positions like Analyst, Senior Financial, Program Manager, and Executive Assistant II across departments 2410, 3110, 3120, and 3210.



December 2019 Position Inventory Report

Table with columns: Dept, PCN, Union Code, Clock, Name, Job Code, Job Title, Vacancy Date or Position Create Date, Vacancy Age, Budget to Fill or FTE, Under Recruit or Accepted Offer, Category, Salary/Budget, Occupied, Filled, Vacant. Rows include various job positions like Specialist, Carpenter, Painter, Foreman, etc.



December 2019 Position Inventory Report

Table with 16 columns: Dept, PCN, Union Code, Clock, Name, Job Code, Job Title, Vacancy Date or Position Create Date, Vacancy Age, Budget to Fill or FTE, Under Recruit or Accepted Offer, Category, Salary/Budget, Occupied, Filled, Vacant. Rows include various departments like 3710, 3810, 4210, and 4230, listing employees and their positions.



December 2019 Position Inventory Report

Table with columns: Dept, PCN, Union Code, Clock, Name, Job Code, Job Title, Vacancy Date or Position Create Date, Vacancy Age, Budget to Fill or FTE, Under Recruit or Accepted Offer, Category, Salary/Budget, Occupied, Filled, Vacant. Includes a summary row for Dept 4310 and a detailed list of positions for Dept 4420.



December 2019 Position Inventory Report

Table with 15 columns: Dept, PCN, Union Code, Clock, Name, Job Code, Job Title, Vacancy Date or Position (Create Date), Vacancy Age, Budget to Fill or FTE, Under Recruit or Accepted Offer, Category, Salary/Budget, Occupied, Filled, Vacant. Rows include positions for Dept 4620 and 4710, listing various job titles and employee details.



December 2019 Position Inventory Report

Table with 16 columns: Dept, PCN, Union Code, Clock, Name, Job Code, Job Title, Vacancy Date or Position Create Date, Vacancy Age, Budget to Fill or FTE, Under Recruit or Accepted Offer, Category, Salary/Budget, Occupied, Filled, Vacant. Rows include various employees like Michael, Leon N, Bruton, Theresa A, etc.



December 2019 Position Inventory Report

Dept	PCN	Union Code	Clock	Name	Job Code	Job Title	Vacancy Date or Position Create Date	Vacancy Age	Budget to Fill or FTE	Under Recruit or Accepted Offer	Category	Salary/Budget	Occupied	Filled	Vacant
3710	3710-011	WAS	03344	Jardeleza, Lisa N	P0460	Program Manager WWE	11/1/2019	60	1		Full-time	\$ 116,541.00	VACANT	0	1
4710	4710-077	WAS	00692	Ramirez, Mark A	P0034	Process Engineer Biosolids	11/2/2019	59	1		Full-time	\$ 116,541.00	VACANT	0	1
2410	2410-012	WAS	03065	Massey, Melinda	P0007	Analyst, Senior Financial	11/6/2019	55	1		Full-time	\$ 116,541.00	VACANT	0	1
4420	4420-317	WAS	03480	Gupta, Anjali	P0289	Assistant Program Mgr-WS	11/10/2019	51	1		Full-time	\$ 98,303.00	VACANT	0	1
4420	4420-318	WAS	02437	Okogi, Sylvia A	P0289	Assistant Program Mgr-WS	11/10/2019	51	1		Full-time	\$ 98,303.00	VACANT	0	1
4440	4440-088				P0475	Assistant Program Manager, WQ&T Compliance	11/13/2019	48	1		Full-time	\$ 98,303.00	VACANT	0	1
3310	3310-015	WAS	01508	Schwartz, Sorin	OA0177	Manager, Safety Operations	11/22/2019	39	1		Full-time	\$ 136,784.00	VACANT	0	1
3410	3410-007	ABX	00725	Harris, Milton P	S0064	Painter	11/30/2019	31	1		Full-time	\$ 71,232.18	VACANT	0	1
1210	1210-063	WAS	02793	Dozier, Clifford M	OA0297	Chief of Staff, DCW	12/3/2019	28	1		Full-time	\$ 248,855.00	VACANT	0	1
2210	2210-099	BEX	02162	Garrett, Esther B	A0053	Sourcing Support	12/8/2019	23	1		Full-time	\$ 59,195.00	VACANT	0	1
3210	3210-119				OA0359	Manager, Employee Development	12/12/2019	19	1		Full-time	\$ 142,256.00	VACANT	0	1
3120	3120-005	WAS	03761	Hsu, Amy	P0285	Coordinator, Emergency Planning	12/13/2019	18	1		Full-time	\$ 102,235.00	VACANT	0	1
4730	4730-030	ABX	03762	Villavicencio Tello, Luis A	S0160	Technician II, Instrumentation	12/20/2019	11	1		Full-time	\$ 78,135.09	VACANT	0	1
4310	4310-319	BEX	03300	Kaynak, Burak	P0092	Engineer II, Civil Design	12/22/2019	9	1		Full-time	\$ 103,807.00	VACANT	0	1
4310	4310-324	BEX	03308	Douglas, Susaye S	P0092	Engineer II, Civil Design	12/22/2019	9	1		Full-time	\$ 103,807.00	VACANT	0	1
Vacancy Pool									59				0	59	
Headcount Grand Total									1226				1104	122	
				Active/Filled											
				Vacant under recruit											
				Vacancy Pool											
				Under review to be reassigned											

Contract Workers

Position name	Org unit	Hourly rate	Vendor Name
Energy Analyst	Administrative	\$30.58	Premier Staffing
Quality Assurance	Apprenticeship Program	\$20.70	MB Staffing
HVAC	Apprenticeship Program	\$20.70	MB Staffing
Plumbing	Apprenticeship Program	\$20.70	MB Staffing
Waste Water Treatment	Apprenticeship Program	\$20.70	MB Staffing
Waste Water Treatment	Apprenticeship Program	\$20.70	MB Staffing
Waste Water Treatment	Apprenticeship Program	\$20.70	MB Staffing
HVAC	Apprenticeship Program	\$20.70	MB Staffing
Utilities	Apprenticeship Program	\$20.70	MB Staffing
Plumbing	Apprenticeship Program	\$20.70	MB Staffing
Wastewater Treatment	Apprenticeship Program	\$20.70	MB Staffing
Wastewater Treatment	Apprenticeship Program	\$20.70	MB Staffing
Quality Assurance	Apprenticeship Program	\$20.70	MB Staffing
Utilities	Apprenticeship Program	\$20.70	MB Staffing
Research Associate	Biosolids Process/Waste	\$39.49	MB Staffing
Technical Writer	Board of Directors	\$56.00	MB Staffing
Accounting Subject Matter Expert (SME)	Payroll	\$145.00	SPS Consulting
Senior Accountant	Accounting	\$85.60	SPS Consulting
Senior Financial Analysis	Budget	\$83.36	SPS Consulting
Senior Financial Analysis	Budget	\$83.36	SPS Consulting
Senior Financial Analysis	Accounting	\$82.12	SPS Consulting
Rates&Revenue (SME)	Rates & Revenue	\$120.91	IBS Management & Consultancy
Executive Assistant	Contract Compliance	\$43.77	MB Staffing
Meter Reader	Customer Service	\$39.96	Premier Staffing
Meter Reader-Field Inspector	Customer Service	\$37.44	Premier Staffing
Meter Reader	Customer Service	\$37.44	Premier Staffing
Meter Reader	Customer Service	\$39.96	Premier Staffing
Meter Reader	Customer Service	\$37.44	Premier Staffing
Meter Reader	Customer Service	\$37.44	Premier Staffing
Meter Reader	Customer Service	\$37.44	Premier Staffing
Meter Reader-No Travel	Customer Service	\$34.75	Premier Staffing
Meter Reader	Customer Service	\$37.44	Premier Staffing
Customer Care Associate	Customer Service	\$40.10	Premier Staffing
Customer Service Dispatcher	Customer Service	\$31.04	SPS Consulting
Customer Service Dispatcher	Customer Service	\$31.04	SPS Consulting
Billing Agent	Customer Service	\$34.09	V-Tech Solutions
Billing Agent	Customer Service	\$34.09	V-Tech Solutions
Customer Care Associate	Customer Service	\$28.12	V-Tech Solutions
Billing Agent	Customer Service	\$34.09	V-Tech Solutions
Customer Care Associate	Customer Service	\$28.12	V-Tech Solutions
Customer Care Associate	Customer Service	\$28.12	V-Tech Solutions
Meter Technician	Customer Service	\$28.05	MB Staffing
Constructability Specialist	DETS	\$74.30	MB Staffing
Engineering Assistant	DETS	\$29.40	MB Staffing
DDOT Specialist	DETS	\$63.00	MB Staffing
Construction Civil Engr Tec	Distribution&Conveyanc	\$62.31	MB Staffing
Operations Program Manager	Distribution&Conveyanc	\$81.75	Premier Staffing
Electrical Engineering III	Electrical & Mechanical Design	\$91.06	MB Staffing
Payroller	Engineering & Tech. Svcs	\$59.57	MB Staffing
Payroller (Environmental Engineer)	Engineering & Tech. Svcs	\$93.87	MB Staffing
Accounting Assistant	Engineering & Tech. Svcs	\$34.75	Premier Staffing
Receptionist	Engineering & Tech. Svcs	\$34.75	Premier Staffing
Construction Specifier	Engineering & Tech. Svcs	\$64.66	Premier Staffing
Consultant-Field Technician	Engineering & Tech. Svcs	\$73.77	Premier Staffing
Consultant - Field Inspection	Engineering & Tech. Svcs	\$62.55	Premier Staffing
Consultant - Project Control	Engineering & Tech. Svcs	\$74.91	Premier Staffing
CAD Technician	Engineering & Tech. Svcs	\$49.00	MB Staffing
Office Assistant	Facilities	\$26.07	Premier Staffing
Mobile Technology Support	Fleet	\$78.78	MB Staffing
Automotive (HD) Technician	Fleet	\$24.00	KLSSL Consulting, LLC
Automotive (HD) Technician	Fleet	\$24.00	KLSSL Consulting, LLC
Automotive (HD) Technician	Fleet	\$27.00	KLSSL Consulting, LLC
Automotive (HD) Technician	Fleet	\$28.00	KLSSL Consulting, LLC
Automotive (HD) Technician	Fleet	\$29.00	KLSSL Consulting, LLC
Automotive (HD) Technician	Fleet	\$29.00	KLSSL Consulting, LLC
Automotive (HD) Technician	Fleet	\$29.00	KLSSL Consulting, LLC

Position name	Org unit	Hourly rate	Vendor Name
Automotive (LD) Technician	Fleet	\$21.00	KLSSL Consulting, LLC
Automotive (LD) Technician	Fleet	\$21.00	KLSSL Consulting, LLC
Automotive (LD) Technician	Fleet	\$25.00	KLSSL Consulting, LLC
Automotive (LD) Technician	Fleet	\$23.00	KLSSL Consulting, LLC
Automotive (LD) Technician	Fleet	\$23.00	KLSSL Consulting, LLC
Automotive (LD) Technician	Fleet	\$26.00	KLSSL Consulting, LLC
Automotive (LD) Technician	Fleet	\$27.00	KLSSL Consulting, LLC
Automotive (LD) Technician	Fleet	\$31.00	KLSSL Consulting, LLC
Automotive (LD) Technician	Fleet	\$22.00	KLSSL Consulting, LLC
Customer Service Writer	Fleet	\$21.00	KLSSL Consulting, LLC
Customer Service Writer	Fleet	\$21.00	KLSSL Consulting, LLC
Master Automotive (HD) Technician	Fleet	\$35.00	KLSSL Consulting, LLC
Operations Manager	Fleet	\$32.00	KLSSL Consulting, LLC
Project Manager	Fleet	\$41.00	KLSSL Consulting, LLC
Utility Boatyard	Fleet	\$23.00	KLSSL Consulting, LLC
Utility Generators	Fleet	\$25.00	KLSSL Consulting, LLC
Fleet	Fleet Program	\$21.71	MB Staffing
Fleet	Fleet Program	\$21.71	MB Staffing
Fleet	Fleet Program	\$21.71	MB Staffing
Fleet	Fleet Program	\$21.71	MB Staffing
Network Services Engineer II	Information Technology	\$72.15	V-Tech Solutions
Benefits Coordinator	Legal Services	\$31.31	MB Staffing
Executive Assistant	OGM	\$37.69	MB Staffing
Sourcing Specialist	People & Talent	\$43.98	MB Staffing
Sourcing Specialist	Procurement	\$75.00	CM3Enterprises
Research Associate	Research&Development Wastewater Engineer	\$31.31	MB Staffing
Research Associate	Research&Development Wastewater Engineer	\$29.87	MB Staffing
Research Associate	Research&Development Wastewater Engineer	\$29.18	MB Staffing
Payroller (Engineer III)	Wastewater Engineering	\$83.32	MB Staffing
Engineer	Wastewater Engineering	\$113.68	MB Staffing
Paralegal	Wastewater Treatment	\$45.34	MB Staffing
Assistant Program Mgr	Water Services	\$63.50	Premier Staffing
Program Manager Equip.	Water Services	\$72.02	Premier Staffing

Year	Budget	Actual
FY18	\$466,999	\$411,337
FY19	\$489,999	\$385,015
	Budget	Forecast
FY20	\$345,513	\$345,513

UNIT #	YEAR	MAKE	MODEL	MASTER DEPARTMENT
42A-20213	2008	HONDA	CIVIC	5610
42-20034	2002	CHEVROLET	S10	5610
41-1072	1998	CHEVROLET	S10	5610
42FP-1131	1998	GMC	SAVANA	5610
44-20233	2009	CHEVROLET	COLORADO	5610
44-20297	2009	CHEVROLET	COLORADO	5610
44-20307	2009	CHEVROLET	COLORADO	5610
44-20311	2009	CHEVROLET	COLORADO	5610
44-20340	2010	CHEVROLET	COLORADO	5610
44-20343	2010	CHEVROLET	COLORADO	5610
44-20357	2011	DODGE	DAKOTA	5610
41-20337	2010	CHEVROLET	SILVERADO	5610
46-1541	1999	FORD	RANGER	5610
45-1552	2001	INTERNATIONAL	4700	5610
42F-1557	2001	INTERNATIONAL	4700	5610
46-20056	2003	CHEVROLET	SILVERADO	5610
42F-20300	2009	CHEVROLET	COLORADO	5610
46-20361	2010	DODGE	CARAVAN	5610
44-20242	2009	CHEVROLET	COLORADO	5610
42F-20135	2007	INTERNATIONAL	4300	5610
42F-1441	2001	JEEP	CHEROKEE	5610
41-20295	2009	CHEVROLET	COLORADO	5610
42FP-1010	1999	FORD	E350XL	5610
42FP-1577	1999	FORD	E350XL	5610
42A-20350	2010	FORD	FUSION	5610
42FP-1040	1999	FORD	E350XL	5610
42FP-20145	2007	CHEVROLET	EXPRESS	5610
42FP-20374	2012	INTERNATIONAL	PC50500	5610
42FP-20502	2013	FORD	E350XL	5610
42FP-20503	2013	FORD	E350XL	5610

42A-20508	2013	DODGE	CARAVAN	5610
42F-20542	2014	FORD	F250	5610
42F-20543	2014	FORD	F350	5610
42-20596	2014	FORD	ESCAPE	5610
42A-20600	2015	FORD	FUSION	5610
42FP-20601	2015	FORD	FUSION	5610
42F-20638	2016	FORD	EXPLORER	5610
41-20708	2017	VACTOR	2100 PLUS	5610
42A-20777	2019	FORD	EXPEDITIO N	5610
42FP-20763	2019	TOYOTA	PRIUS	5610
42FP-20764	2019	TOYOTA	PRIUS	5610
42FP-20769	2019	HONDA	INSIGHT	5610
42FP-20768	2019	HONDA	INSIGHT	5610

FY 2019 TRAVEL EXPENSES

ATTACHMENT 2

EMPLOYEE NAME	FY 2019
ACHARYA, TIKA	4,000.13
ADALIAN, DIRAN	3,911.30
ADAMS, WILLIAM	983.77
ADAMSON, JACQUELINE	989.81
ADU-GYAMFI, FRANCIS	2,003.65
AHMED, MOHAMMAD	3,249.64
ALBA, JAIME	2,733.70
ALFREDO, KATHERINE	2,180.83
ALLEN, JONATHAN	3,810.52
AL-OMARI, AHMED	8,097.97
AMARO, DOMINGOS	1,209.72
ANCALLE, JAVIER	1,614.51
ARGUELLO, LOUIS	294.21
AUGUSTI, DANIEL	3,764.93
AYODEJI, ADENIYI	1,108.08
BAE, DAN	2,226.49
BALCHA, DANIEL	1,096.08
BALL, FRANKIE	2,104.61
BANKS, SAMUEL	1,600.78
BARNETT, ERIC	559.15
BARTON, LISA	8,483.94
BEARD, CHARLES	699.05
BEDANE, TAMRAT	1,627.69
BELL, NICOLE	4,364.96
BHATT, JIGAR	1,278.91
BIAN, STEVE	4,737.68
BLANCHARD, RENARD	2,030.71
BLANCHARD, ROBERT	732.59
BLAND, NASEERA	1,623.60
BOATENG, ALBERT	2,647.29
BOBBITT, MARK	1,002.90
BOCALIG, SHARON	4,989.28
BODJONA, KIBANO	1,681.41
BOLEBAKH, YEVGENY	2,855.54
BOUYAT, GEORGE	1,956.04
BOYKIN, IVAN	3,748.23
BRENNAN, GARRY	7,055.44
BROWER, WILLIAM	393.45
BROWN, MATTHEW	718.97
BURRELL, LASHEMA	2,815.60
BURTON, THERESA	2,539.21
BUTTS, MICHELLE	954.88
CARPENTER, JONATHAN	6,341.43
CHANG, CHEIN-CHI	377.77
CHARDE, SETH	2,809.45
CHEN, KAI-LOON	940.88

EMPLOYEE NAME	FY 2019
CIZEK, SAUL	909.51
COLLYMORE, ALGYNON	2,746.20
CONSTANCE, PIERRE	2,198.67
COSSA, GIAN	3,636.02
CURD, ARMON	18,929.63
CUSIC, CHRISTOPHER	1,806.67
DAY, DARRICK	2,392.96
DE, HAYLEE	11,624.65
DEBARBADILLO, CHRISTINE	11,005.05
DERMINASSIAN, ROUBEN	2,295.56
DORGAN, BRET	1,936.75
DOZIER, CLIFFORD	7,793.51
EDOZIE, VICTOR	3,358.01
EDWARDS, JOE	714.21
EDWIN, JORGE	3,084.54
ELAHI, RIZWAN	1,354.11
ELLA, MARIA	1,123.58
ERFANI, AREF	2,056.06
ESSIEN, SEMA	1,651.72
EVANS, GORDON	4,218.49
FANG, JUN	1,813.84
FITZGERALD, TIMOTHY	9,619.12
FITZUGH, BRIAN	709.26
FONG, TERA	2,795.50
FOTOUHI, JAMES	5,144.87
FRAZEN, MARLEE	3,249.78
GADIS, DAVID	6,750.51
GEORGE, BIJU	7,923.01
GETAHUN, HENOK	3,421.99
GILL, DAVID	2,455.85
GISBORN, DAVID	2,254.29
GOBEZE, SISAY	2,981.54
GORDON, ANTOINE	670.08
GRAHAM, LOVESHIA	3,928.36
GRIFFITH, WAYNE	9,902.83
HARDER, WALI	1,782.41
HARDY, JANELLE	3,356.78
HARRIS, LORELLE	1,340.16
HEANEY, PATRICK	2,280.09
HEDGEPTH, TANYA	1,680.91
HENDRICKSON, LAURENCE	1,553.03
HERNANDEZ, ELKIN	6,246.30
HERRON, ALECIA	4,791.54
HICKS, ERIK	3,503.46
HOLMAN, MAUREEN	2,386.59
HOPE, GREGORY	2,292.06

EMPLOYEE NAME	FY 2019
HOPKINS, ROBERT	1,853.19
HSU, AMY	168.76
HUGHES, GARRETT	958.00
HUQ, MOHAMMAD	3,249.64
IROCKS, ANDRE	670.08
ISLAM, ANJUMAN	5,482.73
JACKSON, TERRANCE	1,565.70
JAMES, EVERALD	371.72
JINKS, SHIRLEY	559.82
JOHNSON, MICHELLE	2,719.21
JOLLY, ERNEST	1,751.04
JONES, DWAYNE	670.08
KARGBO, VERA	5,843.34
KEITH, BRADLEY	4,274.31
KHARKAR, KATHLEEN	1,753.12
KHARKAR, SALIL	11,553.17
KIDANEMARIAM, YONAS	2,746.40
KILGORE STUKES, ALFONZO	4,230.90
KINTER, SAUL	4,117.91
KNOX, LAURA	2,073.43
KUCZYNSKI, THOMAS	5,314.02
LABAN, PAUL	2,212.68
LEE, JACQUELINE	3,001.39
LEVY, WILLIAM	920.47
LEWIS, DEYONKA	5,576.79
LEWIS, SALEEM	704.28
LIPSCOMB, REGINALD	2,721.15
LISLE, JOHN	2,824.78
LITTLE, RYAN	747.97
LITTLEJOHN, ANTHONY	704.28
LORICK, MEISHA	1,759.10
LOUIS, RANDY	1,302.08
LOVE, NINA	1,294.34
LOWNDES, DUSTI	2,712.39
LYLE, SHARITA	1,213.20
LYNCH, SAM	704.28
MACKALL, LEE	728.22
MACKOOL, CAROLYN	5,049.31
MAISANO, RYAN	1,381.72
MALASY, GENES	3,061.08
MALLARD-REID, CECIL	670.08
MANDLI, SARAH	7,181.30
MANLEY, LINDA	8,617.55
MARTINELLI, SHAWRA	301.03
MATHIS, DEBRA	4,909.65
MCCREA, DAVID	2,260.46

EMPLOYEE NAME	FY 2019
MCDERMOTT, BRIAN	2,387.14
MCKENZIE, KERIN	2,132.14
MCKENZIE, MARCUS	537.06
MCMANUS, DARREN	704.28
MELSEW, GETASHEW	4,580.37
MENKER, NAHOME	3,059.34
MILES, TAMECA	5,720.06
MINOR, NAKEYSHA	1,451.21
MIRABEAU, MONIQUE	5,031.78
MIRANDA, MIGUEL	5,008.90
MONDRAGON, JAVIER	306.44
MONTGOMERY, AARON	4,721.14
MORALES, FRANCISCO	316.44
MORRIS, DENNIS	706.95
MORRIS, VINCENT	982.18
MPOYO, MULENDA	1,305.84
MUKIRA, DUNCAN	2,784.06
MURCHISON, SHAWN	7,504.57
NEAL, JAMES	708.95
NIXON, VALARIE	3,515.40
OFORI, SAM	2,510.50
OLAWUNMI, DOTUN	1,536.46
OUTLAND, MONICA	3,700.66
PAISLEY, RICHARD	589.06
PARHAMI, ALIREZA	4,555.35
PARKER, DAVID	920.47
PARRET, PIERRIC	1,458.87
PASSERELLI, NICHOLAS	4,381.32
PASTERKIEWICZ, JERRY	589.06
PATHAK, BIPIN	6,790.57
PAUDEL, YAGYA	2,685.02
PEOT, CHRIS	6,853.33
PHILLIPS, BARRY	1,059.36
PHILSON, ELIE	670.08
PRICE, LISA	1,060.30
QURESHI, TAHIR	1,597.30
RANASINGHE, PUBUDU	1,915.83
RANSOM, ANTHONY	670.08
RAY, CARLTON	2,972.35
REDD, CASSANDRA	1,724.20
REDD, CHARLES	704.28
REGIS, ENIQUE	704.28
REID, MARK	2,988.78
REIS, MATT	12,369.33
RENNI, ZHAO	2,029.01
REYES, RONALDO	708.95

EMPLOYEE NAME	FY 2019
RISHER, ADAM	1,210.82
ROBINSON, SHEENA	1,987.11
ROSE, DIONNE	2,702.44
SAMSON, DENNIS	4,555.70
SATYSDEV, ABHIRAM	5,209.32
SAUNDERS, DEIDRE	594.86
SCHMELLING, MAUREEN	2,672.10
SCOTT, MATTHEW	1,004.54
SHARP, RONNY	3,431.78
SIGH, SUKHCHEIN	1,667.26
SIMMONS, JESSICA	6,633.75
SIMS, NELSON	7,220.96
SMALL, WARREN	704.28
SMITH, FLOYD	704.58
SMITH, MICHAEL	706.95
SMITH, WENDELL	2,737.98
SOMERS, CALWOOD	1,521.33
SONI, SATISH	920.55
SPINK, NICOLE	1,433.46
SPRIGGS, NICOLE	1,260.32
ST. LOUIS, KENDRICK	1,240.88
STAN, ION	704.28
STEVENS, GREGORY	1,128.71
STEVENSON, TAMARA	4,452.31
STEWART, MARK	2,600.93
STILLINGS, GARRETT	2,748.81
TAYLOR, JOE	3,733.79
TAYLOR, JULIUS	670.08
TAYLOR-LYTE, PATRICIA	4,426.60
TESFAI, FIRKEMARIAM	365.78
THOME, KEVIN	2,735.50
TORCISI, FRANK	1,913.80
TRUONG, HOA	2,720.84
TSEHAYU, HAILE	1,183.12
TUCKER, KEVIN	1,419.27
VAN, GERT	945.92
VILLAVICENCIO, LUIS	692.74
WALKER, COLEY	2,620.06
WALTON, FRANK	708.95
WARRICK, AARON	2,658.50
WILLIAM, RODNEY	670.08
WILLIAMS, WILLIE	5,206.22
WILSON, ELAINE	2,486.29
WOLDEMARIAM, ESSEY	2,962.14
WONE, MOUSSA	1,619.59
WOOD, BRITTANEY	4,838.46

EMPLOYEE NAME	FY 2019
YILMA, EYASU	3,005.86
YOUNG, DAVID	1,419.27
ZAVALA, YESENIA	1,139.62
ZUOKEMEFA, PADE	2,499.13
Grand Total	656,709.66

FUNCTION	Age	Public Access
DB for tracking of virtual application delivery of Windows apps as secure mobile services.	1 Year	None
Archive DBs for SimpleK	4 year	None
Asset Management Production Database	over 5 years	None
Automatic Storage Management database for Oracle	over 5 years	None
Backup and Recovery Database	1 year	None
Business Objects Production Database	over 5 years	None
Business Objects Reporting database in support of 3PP modules	2 Years	None
Cloud Based Configuration Management DB	2 Years	None
Cloud Based Server Management DB	2 Years	None
CM Production Database	over 5 years	None
Company fitness program seasonal DB to track and compare teams	over 1 year	None
Computer Health Monitoring DB	2 Years	None
Conference Room Booking DB	over 1 year	None
Configuration DB for SharePoint services	over 1 year	None
Content DB for Project Server 2010	over 1 year	None
Contract Manager Development DB	over 1 year	None
Critical Path Method (CPM) Production Database, Gateway for Vertical Lift Machinery (VLM) Interface, Staging for Vertex	over 5 years	None
Data Dictionary	2 Years	None
Datamart Production Database	over 5 years	None
Development Database for for elogger app	1 Year	None
Document Management Library	over 5 years	None
Door Key's Application DB	4 year	None
Electronic Logging DB replaces paper log books and disconnected systems collecting, storing and distributing real-time data about your 24 x 7 operations	3 Years	None
Engineer Dept Application	over 1 year	None
Engineering Data Model Database	1 Year	None

Enterprise Correspondent Tracking DB	over 1 year	None
Enterprise DB Backup Software (2)	over 1 year	None
Enterprise Single Sign On	1 Year	None
ERP KONA DB	over 5 years	None
ERP Reporting Tool. Payment and customer information pulled from ERP external database maintained by third party.	over 5 years	None
Financials Database	over 5 years	None
FLEET Production database	over 5 years	None
GIS Location Database	8 years	None
High USAGE Notification App - HUNA - database keeps track of our customer high usage water events, notifications, and preferences	12	The database itself is not public, but data in the database is displayed to customers in the form of a HUNA email, phone call, or text message. HUNA preferences that are stored in this database are displayed to customers via a web interface (Through AMR Graph)
Image Now production database for document imaging application	over 5 years	None
Interactive Voice Response Application	over 1 year	None
Internal DBs used for management of the star system, reporting and archiving purposes. Access to these are through web interface (internal) and through DB users and profiles	6 years	None
Internal Task Management DB		None
Inventory System used by DETS for records management	1 Year	None
IT Incident Management DB	10 years	None
IT Purchase Order Request Tracking System	over 1 year	None
IT-Ticket Application	over 1 year	None
LinkoCTS - Compliance Tracking Software is designed specifically for Industrial Pretreatment compliance tracking.	1 year	None
Operational Asset Management Tracking Database	over 1 year	None
Oracle enterprise manager DB	over 5 years	None
Patch Vulnerability Scanner	1 Year	None
Patching Software	2 Years	None

Power BI	less than 5 ye	None
Process Control Systems	over 1 year	None
Procurement Correspondent Tracking DB	over 1 year	None
production ivrstats database - stores IVR-related stats & data like Call Volume, Employment Opportunity Listings, etc.	10	None
Project Management/Program Management System DB	over 5 years	None
Proof of Concept DBs	over 1 year	None
Rate Payer's daily water meter reading data	10 years	Yes, via mydcwater.com profile authentication
Rational Production database	over 5 years	None
Recovery Manager DB, DB backups database	over 5 years	None
Reporting module	over 1 year	None
DB for RightFax, a centralized, computer-based fax solution that provides faxing capabilities across the organization.	1 Year	None
solution for virtual application delivery, providing Windows apps as secure mobile services.		None
SSIS DBs	1 Year	None
SSODB is used for storing configuration information of Biztalk	2 Years	None
Stores customer survey information	over 1 year	None
Stores Star historical data; access is via a Web Interface and DB user list based on managed roles	12 Years	None
Anti-virus Endpoint Protection - Bryant Street Site DB	1 Year	None
Anti-virus Endpoint Protection - Blue Plains Ssite DB	1 Year	None
Anti-virus Endpoint Protection - M Street Site	1 Year	None
Anti-virus Endpoint Protection - O Street Site DB	1 Year	None
System for tracking lead test kit results	over 1 year	None
System Logging Database	over 1 year	None
Identity Management DB	over 1 year	None
The DB of the application used for weighing trucks / Weight records and ticketing	over 1 year	None
IT asset management DB	2yrs	None
This database is used for HCM to do their SQL Reprting	2 Years	None
Automated Meter Readings DB	12 Years	None

Water Operations DB	2 Years	None
Email Archives DB	12 Years	None
Used manage the Canon copiers and MFD units at Dcwater	1 Year	None
Used to calculate usage (which is then queried for high usage, and notifications sent out). Also used by AMR Graph	over 1 year	The database itself is not public, there is a web AMR Graph interface that is public & displays the data in NCCS_Web to customers
Used to update and patch ESXi hosts and VM's	2 Years	None
vSphere application used to manage vmware ESX/ESXi hosts and Virtual machines.	2 Years	None
vSphere application used to manage vmware ESX/ESXi hosts and Virtual machines.	3 months	None
Warehouse Production Database	over 5 years	None
Patch Management DB	1 Year	None
Prism - to monitor compliance	1 year	

TD Bank - Treasury

Daily Download

FY2019

Ledger Date	Account Number	Account Name	Narrative	Amount	Bank Reference	Transaction Description
11/1/2018	3990815957	StormWater	Stormwater Enterprise Fund	3,735,699.06	700020390	Outgoing Money Transfer
2/4/2019	3990815957	StormWater	Stormwater Enterprise Fund	2,544,752.58	700033951	Outgoing Money Transfer
4/26/2019	3990815957	StormWater	Stormwater Enterprise Fund	1,403,475.05	700075558	Outgoing Money Transfer
4/30/2019	3990815957	StormWater	Stormwater Enterprise Fund	1,764,988.93	700084604	Outgoing Money Transfer
7/31/2019	3990815957	StormWater	Stormwater Enterprise Fund	2,893,661.77	700009418	Outgoing Money Transfer
FY2019 Total				12,342,577.39		

TD Bank - Treasury

Daily Download

FY2020

Ledger Date	Account Number	Account Name	Narrative	Amount	Bank Reference	Transaction Description
11/4/2019	3990815957	StormWater	Stormwater Enterprise Fund	3,183,461.88	700033931	Outgoing Money Transfer
FY2020 Total				3,183,461.88		
Combined Total				15,526,039.27		

Awarded, entered into, extended and option years exercised during FY 2019 and FY 2020, to date.

Contract Type (procurement, lease, or grant)	The name of the contracting party;	The nature of the contract, including the end product or service;	The dollar amount of the contract, including budgeted amount and actually spent;	The actual spent amount since contract award;	The term of the contract; (i.e. 1 yr, 2 yr, X yr)	Whether the contract was competitively bid or not;	COTR	Results on performance activity (i.e. satisfactory, poor, improvement plan needed)	Funding source; (DC Water, Grant, etc.)	Whether the contract is available to the public online.
Procurement	MB Staffing	Temporary Staffing	\$ 5,456,784	\$ 4,520,268	4 yr	Competitively bid	Keith Lindsey	Satisfactory	DC Water Operating	Not online
Procurement	Premier Staffing	Temporary Staffing	\$ 1,469,257	\$ 1,326,704	4 yr	Competitively bid	Keith Lindsey	Satisfactory	DC Water Operating	Not online
Procurement	Advanced Digital Systems	IT Professional Services	\$ 4,368,476	\$ 4,368,476	3 yr	Competitively bid	Joe Edwards	Satisfactory	DC Water Operating	Not online
Procurement	Network for Future	IT Professional Services	\$ 3,465,241	\$ 2,496,518	3 yr	Competitively bid	Joe Edwards	Satisfactory	DC Water / Ops./Capital	Not online
Procurement	Susan Fitzgerald	IT Professional Services	\$ 1,546,781	\$ 1,487,554	3 yr	Competitively bid	Hari Kurup	Satisfactory	DC Water / Ops./Capital	Not online
Procurement	PCMG	Microsoft Software Renewal	\$ 3,500,000	\$ 3,413,659	3 yr	Competitively bid	Joe Edwards	Satisfactory	DC Water/ Ops./Capital	Not online
Procurement	Accurate Conceptions LLC	Technical Information Center for Document Management Services	\$ 1,189,011	\$ 189,011	2 yr	Competitively bid	Skip Tompkins	Satisfactory	DC Water Capital	Not online
Procurement	MC Dean	Annual Maint. And Repair of Industrial Electrical Equipment	\$ 2,117,000	\$ 2,064,567	2 yr	Competitively bid	Elkin Hernandez	Satisfactory	DC Water Operating	Not online
Lease	Cintas	Employee Uniforms	\$ 3,000,000	\$ 1,666,548	3 yr	Competitively bid	Patricia Williams	Satisfactory	DC Water Operating	Not online
Procurement	Fasteners Rx, Inc.	Compound Water Meters	\$ 2,579,957	\$ 1,614,908	3 yr	Competitively bid	Sheena Robinson	Satisfactory	DC Water Capital	Not online
Procurement	Kaiser Foundation Health Plan of the Mid-Atlantic States	HMO Medical Plan	\$ 22,539,318	\$ 21,175,573	5 yr	Competitively bid	Ronald Lewis	Satisfactory	DC Water Operating	Not online
Procurement	RSM	Internal Audit Services	\$ 4,507,608	\$ 4,455,920	5 yr	Competitively	Tera Fong	Satisfactory	DC Water Operating	Not online
Procurement	Allied Universal	Protective Services	\$ 11,147,482	\$ 7,769,755	2 yr	Competitively	Carroll Highsmith	Satisfactory	DC Water Operating	Not online
Procurement	KPMG, LLP	External Audit Services	\$ 1,537,194	\$ 1,123,705	5 yr	Competitively	Genes Malasy	Satisfactory	DC Water Operating	Not online
Procurement	Colonial Chemicals	Methanol	\$ 22,320,280	\$ 17,448,585	3 yr	Competitively	Aklile Tesfaye	Satisfactory	DC Water Operating	Not online
Procurement	Mitsubishi International	Methanol	\$ 7,976,040	\$ 3,473,580	4 yr	Competitively	Aklile Tesfaye	Satisfactory	DC Water Operating	Not online
Procurement	Polydyne	Pre-Watering Polymer	\$ 9,925,994	\$ 8,535,994	6 yr	Competitively	Aklile Tesfaye	Satisfactory	DC Water Operating	Not online
Procurement	Carter & Carter	Supply & Delivery of Ferric Chloride	\$ 16,206,744	\$ 16,206,744	4 yr	Competitively	Aklile Tesfaye	Satisfactory	DC Water Operating	Not online
Procurement	Service Master of Virginia	Industrial Cleaning	\$ 1,907,954	\$ 1,746,624	4 yr	Competitively	Aklile Tesfaye	Satisfactory	DC Water Operating	Not online
Procurement	Connecticut General Insurance Company	Medical Plans	\$ 49,611,987	\$ 32,003,122	4 yr	Competitively	Ronald Lewis	Satisfactory	DC Water Operating	Not online
Procurement	Delta Dental	Dental Medical Plan	\$ 2,957,955	\$ 1,473,523	3 yr	Competitively	Ronald Lewis	Satisfactory	DC Water Operating	Not online
Procurement	M.C. Dean	Annual Maintenance and Repair of Industrial Electrical Control Equipment	\$ 3,175,437	\$ 3,175,437	1 yr	Competitively	Elkin Hernandez	Satisfactory	DC Water Operating	Not online
Procurement	M.C. Dean	Annual Maint., Repair and Calibration of Instrumentation	\$ 3,175,437	\$ 3,175,437	4 yr	Competitively	Elkin Hernandez	Satisfactory	DC Water Operating	Not online
Procurement	M.C. Dean	Electrical Power Distribution Equipment Service	\$ 12,957,000	\$ 12,525,747	6 yr	Competitively	Elkin Hernandez	Satisfactory	DC Water Operating	Not online
Procurement	Kuehne	Liquid Sodium Hypochlorite	\$ 10,761,200	\$ 9,826,181	4 yr	Competitively	Aklile Tesfaye	Satisfactory	DC Water Operating	Not online
Procurement	Connecticut General Insurance Company	Group Life and Disability Insurance	\$ 3,671,895	\$ 1,980,345	2 yr	Competitively	Ronald Lewis	Satisfactory	DC Water Operating	Not online
Procurement	W.K.Merriman	Supply and Delivery of Calcium Hydroxide	\$ 2,384,400	\$ 2,269,821	4 yr	Competitively	Nicholas Passarelli	Satisfactory	DC Water Operating	Not online
Procurement	Mueller	Positive Displacement Meters	\$ 2,128,634	\$ 1,864,593	2 yr	Competitively	Sheena Robinson	Satisfactory	DC Water Capital	Not online
Procurement	USI Insurance Services	ROCIP 4	\$ 6,105,693	\$ 4,289,245	3 yr	Competitively	Tanya DeLeon	Satisfactory	DC Water Capital	Not online
Procurement	Aon Risk Services of Washington, DC	ROCIP 3	\$ 7,011,770	\$ 4,411,932	5 yr	Competitively	Tanya DeLeon	Satisfactory	DC Water Capital	Not online
Procurement	Urban Service Systems Corporation	Solids Screening Facility Hauling	\$ 4,330,352	\$ 4,330,352	4 yr	Competitively	Aklile Tesfaye	Satisfactory	DC Water Operating	Not online
Procurement	Maryland Environmental Services	Monitoring of Sludge @ Disposal Sites	\$ 3,357,327	\$ 1,450,533	4 yr	Sole Source	Chris Peot	Satisfactory	DC Water Operating	Not online
Procurement	Enterprise Security Solution	Security Systems Maintenance and Integration	\$ 10,290,868	\$ 8,733,757	2 yr	Competitively	Ivelisse Cassas	Satisfactory	DC Water Ops./Capital	Not online
Procurement	Electric Motor and Contracting	Repair and Rehabilitation of Various Process Assets	\$ 8,277,186	\$ 6,183,734	3 yr	Competitively	Elkin Hernandez	Satisfactory	DC Water Operating	Not online
Procurement	Canon Solutions, Inc. of America	Document Management Services	\$ 1,965,139	\$ 1,965,139	5 yr	Competitively	RoDonna Brewster	Satisfactory	DC Water Operating	Not online
Procurement	Con Edison	Electricity	\$ 91,375,000	\$ 65,350,000	6 yr	Competitively	Ernest Jolley	Satisfactory	DC Water Operating	Not online

Contract Type (procurement, lease, or grant)	The name of the contracting party;	The nature of the contract, including the end product or service;	The dollar amount of the contract, including budgeted amount and actually spent;	The actual spent amount since contract award;	The term of the contract; (i.e. 1 yr, 2 yr, X yr)	Whether the contract was competitively bid or not;	COTR	Results on performance activity (i.e. satisfactory, poor, improvement plan needed)	Funding source; (DC Water, Grant, etc.)	Whether the contract is available to the public online.
Procurement	Nutriblend	Biosolids Management	\$ 2,000,000	\$ -	1 yr	Competitively	Chris Peot	Satisfactory	DC Water Operating	Not online
Procurement	Reading Crane	Crane Hoist Repair & Maintenance	\$ 1,058,481	\$ 893,943	4 yr	Competitively	Bill Brower	Satisfactory	DC Water Operating	Not online
Procurement	Centerra	Fleet Management, Maintenance, Repair and Operations	\$ 10,201,905	\$ 8,892,716	6 yr	Competitively	Tim Fitzgerald	Needs Improvement	DC Water Operating	Not online
Procurement	Centerra	Parts Supply Management Services	\$ 6,134,654	\$ 5,947,166	6 yr	Competitively	Tim Fitzgerald	Needs Improvement	DC Water Operating	Not online
Procurement	Mobile Dredging	High Pressure Vaccum Cleaning	\$ 1,391,250	\$ 1,391,250	2 yr	Competitively	Chanda Albritten	Needs Improvement	DC Water Operating	Not online
Procurement	Rodgers Brothers Custodial Services	Hauling & Disposal of Excavation Spoils & Debris	\$ 1,495,266	\$ 1,312,953	3 yr	Competitively	Jason Hughes / Sigi Sharp	Satisfactory	DC Water Operating	Not online
Procurement	C & E Services	Annual Maintenance, Repair and Calibration of Instrumentation	\$ 2,400,000	\$ 2,275,552	5 yr	Competitively	Samant Garg	Satisfactory	DC Water Operating	Not online
Procurement	Vertex	Customer Information System	\$ 20,006,817	\$ 9,389,350	3 yr	Competitively	Sarah Mandli	Satisfactory	DC Water Ops./Capital	Not online
Procurement	Allied Reliability	Maintenance Reliability Support	\$ 1,190,900	\$ 945,379	3 yr	Sole Source	Theresa Bruton	Satisfactory	DC Water Operating	Not online
Procurement	BFPE International	Fire Protection Systems	\$ 1,429,960	\$ 1,429,021	3 yr	Competitively	RoDonna Brewster	Satisfactory	DC Water Operating	Not online
Procurement	Emerson Process Management	Process Control Systems	\$ 10,936,001	\$ 9,395,910	10 yr	Sole Source	Duncan Mukira	Satisfactory	DC Water Operating	Not online
Procurement	Polydyne	Belt Press	\$ 5,991,555	\$ 5,943,612	4 yr	Competitively	Nicholas Passarelli	Satisfactory	DC Water Operating	Not online
Procurement	PVS Technologies	Supply and Deliver Ferric Chlorice	\$ 4,431,588	\$ 4,431,587	4 yr	Competitively	Nicholas Passarelli	Satisfactory	DC Water Operating	Not online
Procurement	KLSL Consulting, LLC	Temporary Staffing	\$ 1,618,558	\$ -	1 yr	Competitively	Tim Fitzgerald	New Award	DC Water Operating	Not online
Procurement	Colonial Chemicals	Methnol	\$ 7,000,000	\$ -	3 yr	Competitively	Nicholas Passarelli	New Award	DC Water Operating	Not online
Procurement	Alan Tye & Associates, LLC	Sixteen Vehicle Lifts	\$ 1,426,785	\$ -	2 yr	Competitively	Len Benson	New Award	DC Water Capital	Not online
Procurement	Dynamic Concepts	Underground Utility	\$ 2,500,000	\$ -	3 yr	Competitively	Jason Hughes	New Award	DC Water Operating	Not online
Procurement	Carter & Carter	Liquid Ferric Chloride	\$ 16,206,775	\$ 16,206,775	5 yr	Competitively	Nicholas Passarelli	Satisfactory	DC Water Operating	Not online
Procurement	Verizon Wireless & Verizon, Inc.	Telecommunication Services	\$ 1,762,500	\$ -	1 yr	Competitively	Joe Taylor	Satisfactory	DC Water Operating	Not online
Procurement	Clean Team Janitorial Services	Janitorial Services	\$ 1,738,820	\$ 1,061,495	2 yr	Competitively	Forrest Ricketts	Satisfactory	DC Water Operating	Not online
Procurement	Nutriblend	Biosolids Management	\$ 4,398,644	\$ 1,879,222	2 yr	Competitively	Chris Peot	Satisfactory	DC Water Operating	Not online
Procurement	Bank of America	Merchant Credit/Debit Card	\$ 3,630,530	\$ 720,000	2 yr	Competitively	Henok Getahun	Satisfactory	DC Water Operating	Not online
Procurement	Kaiser Foundation Health Plan of the Mid-Atlantic States	Health Maintenance Organization	\$ 5,342,800	\$ -	1 yr	Competitively	Ronald Lewis	New Award	DC Water Operating	Not online
Procurement	Utility Metering Solutions	Installation of Water Meter Rehabilitation Program	\$ 1,919,598	\$ -	1 yr	Competitively	Sheena Robinson	New Award	DC Water Capital	Not online
Procurement	Applications Software Technology	System Integration service for new Oracle Enterprise Resource Planning Software	\$ 9,698,930	\$ 790,312	2 yr	Competitively	Nana Kwame	New Award	DC Water Capital	Not online
Procurement	Kuehne Chemical	Sodium Hypochlorite	\$ 18,281,200	\$ 15,398,121	4 yr	Competitively	Nicholas Passarelli	Satisfactory	DC Water Operating	Not online
Procurement	PVS Technologies	Sodium Bisulfite	\$ 2,042,500	\$ 2,042,500	2 yr	Competitively	Nicholas Passarelli	Satisfactory	DC Water Operating	Not online
Procurement	Polydyne	Belt Press	\$ 1,781,700	\$ 1,636,318	1 yr	Competitively	Nicholas Passarelli	Satisfactory	DC Water Operating	Not online
Procurement	Polydyne	Dry Pre-dewatering Polymer	\$ 1,384,900	\$ -	1 yr	Competitively	Nicholas Passarelli	New Award	DC Water Operating	Not online
Procurement	Nichem Company	Replacement of Odor Control Media	\$ 1,384,657	\$ 1,135,922	3 yr	Competitively	Eyasu Yilma	Satisfactory	DC Water Operating	Not online
Procurement	ADP Consultants	Replace roof at DSLF Building	\$ 1,108,322	\$ -	1 yr	Competitively	Martin Perez	New Award	DC Water Capital	Not online
Procurement	RSM US LLP	Internal Audit Services	\$ 1,460,000	\$ -	1 yr	Competitively	Tera Fong	New Award	DC Water Operating	Not online
Procurement	Blue Drop	Sales and Marketing Services	\$ 1,367,000	\$ 1,307,555	2 yr	Non-Competitively	Elaine Wilson	Satisfactory	DC Water Operating	Not online
Procurement	Oracle America, Inc.	Primavera P6 and Unifier Software Subscription Services	\$ 1,656,518	\$ -	5 yr	Competitively	Craig Fricke	New Award	DC Water Operating	Not online

Construction & A/E Contracts

Contract Number	Contract Title	Contractor	Bid Amount	Procurement	Duration	Execution	Eng. Estimate	Payments	Contract Type	CTRCAT	JOB_NUM	ManDept	Funding Source
190080	Sewer Service Facility	Hess Construction+ Engineering Services, Inc.	\$12,916,000.00	Competitive	330	12/5/2019	\$12,866,350.00	\$0.00	Construction	GE		DETS	Capital
130280	Filtration Influent Pumps 1-10 Replacement	Ulliman Schutte Construction , LLC	\$18,267,000.00	Competitive	680	9/25/2019	\$19,333,643.00	\$760,465.00	Construction	GE		DWWE	Capital
170120	Small Diameter Water Main Replacement 12B2	Sagres Construction Corp.	\$5,467,190.00	Competitive	518	12/5/2018	\$6,110,710.00	\$0.00	Construction	GE		DETS	Capital
170130	Soldiers' Home Reservoir Upgrade	American Contracting & Environmental Services, Inc.	\$5,401,000.00	Competitive	420	9/23/2019	\$5,473,000.00	\$0.00	Construction	GE		DETS	Capital
170180	Miscellaneous Facilities Upgrade- Phase 6	Ulliman Schutte Construction , LLC	\$27,090,000.00	Competitive	1502	5/21/2019	\$24,681,490.00	\$1,670,838.86	Construction	GE		DWWE	Capital
190020	Sanitary Sewer Lateral Replacement Contract FY20-FY22	Anchor Construction Corporation	\$9,971,935.00	Competitive	1096	9/23/2019	\$12,936,625.00	\$0.00	Construction	GE		DSS	Capital
190030	Lead Service Replacement Contract for FY20 - FY22	Anchor Construction Corporation	\$7,289,400.00	Competitive	1096	9/23/2019	\$6,849,890.00	\$0.00	Construction	GE		DWS	Capital
190050	Water Infrastructure Repair & Replacement Contract for FY20-FY22	Ft. Myer Construction Corp.	\$19,276,080.00	Competitive	1096	9/23/2019	\$14,995,500.00	\$0.00	Construction	GE		DWS	Capital
130180	Gravity Thickener Upgrades Phase II	Ulliman Schutte Construction , LLC	\$60,390,000.00	Competitive	1503	8/2/2019	\$47,444,229.00	\$1,219,000.00	Construction	GE		DWWE	Capital
190070	Construction New Fleet Maintenance Facility	Hess Construction+ Engineering Services, Inc.	\$17,800,000.00	Competitive	330	12/5/2019	\$20,875,414.00	\$0.00	Construction	GE		DETS	Capital
DCFA-505-WSA	Supervisory Control and Data Acquisition (SCADA) System Integrator Services	Optimum Controls Corporation	\$4,000,000.00	Competitive	1460	12/11/2019	\$4,000,000.00	\$0.00	Negotiated			DETS	Capital
DCFA-493-WSA	Program Management for Engineering Services	Greeley and Hansen,LLC	\$75,702,068.00	Competitive	1095	10/1/2018	\$73,622,147.81	\$18,934,245.89	Negotiated			DCCR	Capital
DCFA-494-WSA	Waste Water Treatment Facility Basic Ordering Agreement (BOA 7)	Whitman, Requardt & Associates,LLP	\$6,000,000.00	Consultant Agreement	1826	11/7/2018	\$6,000,000.00	\$41,276.12	Negotiated	GE		DWWE	Capital
DCFA-495-WSA	Basic Ordering Agreement- Infrastructure & Enviromental Assessment	Brown & Caldwell P.C.	\$6,000,000.00	Consultant Agreement	2555	11/7/2018	\$6,000,000.00	\$0.00	Negotiated	GE		DETS	Capital
DCFA-496-WSA	Basic Ordering Agreement – BOA 8 - CM	O Brien & Gere Engineers	\$6,000,000.00	Consultant Agreement	1825	11/7/2018	\$6,000,000.00	\$0.00	Negotiated	GE		DWWE	Capital
DCFA-500-WSA	David E. Evans	David E. Evans	\$100,000.00	Consultant Agreement	365	10/4/2018	\$100,000.00	\$70,605.00	Sole Source			DCCR	Capital
DCFA-501 - WSA	SCADA System Integrator Services	M.C. Dean, Inc.	\$4,000,000.00	Consultant Agreement	365	12/11/2019	\$4,000,000.00	\$0.00	Negotiated			DWWE	Capital

Managing Department

- DETS Department of Engineering and Technical Services
- DCCR Department of Clean Rivers
- DWWE Department of Wastewater Engineering
- DWS Department of Water Services
- DSS Department of Sewer Services

Table 1 – Clean Rivers Project Component Update

Div-ision	Title	Description	Capital Budget as of 1/20/2020 (\$ M)	Remaining Capital Funds (unspent) as of 1/20/2020 (\$ M) ⁴	Status Report	Planned Spending including DCW Labor (\$ thousands)													
						FY20	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	FY31	FY32	FY33
Anacostia River Projects																			
A	Blue Plains Tunnel	The Blue Plains Tunnel is 23 foot inside diameter tunnel, approximately 24,000 feet long from Blue Plains to Main Pumping Station near the National Stadium. The tunnel includes 5 shafts and provides approximately 73 million gallons of storage to provide CSO control and to reduce peak flows in wet weather to Blue Plains to enable more economical nutrient removal for the Chesapeake Bay. Voted “2016 Project of the Year” by Engineering News Record.	358.5	0	The project is complete (started in 2011, completed in 2016)														
B	Tingey Street Diversion Sewer	Division B consists of two chambers which divert flows from existing CSO 013 and 014 sewers into a new sewer along Tingey Street. The sewer connects to the Blue Plains Tunnel at Main Pumping Station. The purpose of the project is to intercept CSO 013 and 014 and convey the captured CSO to the tunnel.	16.5	0	The project is complete (started in 2012, completed in 2014) Worked closely with DMPED and completed project prior to the grand opening of Harris Teeter and other commercial establishments in the Navy Yard area.														
C	CSO 019 Overflow and Diversion Structures	This project consists of a diversion structure to intercept CSO 019 near RFK stadium, the largest CSO in eth system. The project also includes an overflow structure that relives flow to the Anacostia River when the capacity of the tunnel is exceeded.	31.0	0	The project is complete (started in 2011, completed in 2013)														
D	JBAB Overflow and Diversion Structures	The JBAB Overflow and Diversion Structures will capture flow from the Potomac Outfall Sewers and convey it to the Blue Plains Tunnel for treatment at Blue Plains. The overflow structure provides a relief for CSOs when the capacity of the tunnel is exceeded. The project also includes installation of monitoring instrumentation at multiple sites throughout the city.	60.6	1.68	The project is complete . (started in 2014 and completed in 2019) Final payment pending	1,684													
E	M Street Diversion Sewer	The M Street Diversion Sewer intercepts CSO 015, 016 and 017 near the Navy Yard and conveys them to the Anacostia River Tunnel for treatment at Blue Plains. Worked closely with DDOT on their 11 th Street Bridge project and access over the CSO Virginia Avenue Tunnel Project.	38.95	0	The project is complete (started in 2012, completed in 2015)														
G	CSO 007 Diversion Structure and Diversion Sewer	This project consists of a diversion structure to intercept CSO 007 and a sewer constructed in tunnel under the approach ramps of the 11th Street bridge. The purpose of the project is to intercept CSO 007 and convey the captured CSO to the Anacostia River Tunnel for treatment at Blue Palins	6	0	The project is complete (started in 2012, completed in 2013)														
H	Anacostia River Tunnel	The Anacostia River Tunnel (ART) is 23 foot inside diameter tunnel, approximately 12,000 feet long from Poplar Point to CSO 019 near RFK Stadium. The tunnel provides approximately 38 million gallons of storage to provide CSO control for CSO 005, 007, CSO 017, CSO 018, and CSO 019.	278	0	The project is complete . (started in 2013, completed in 2018)														

Div- ision	Title	Description	Capital Budget as of 1/20/2020 (\$ M)	Remaining Capital Funds (unspent) as of 1/20/2020 (\$ M) ⁴	Status Report	Planned Spending including DCW Labor (\$ thousands)													
						FY20	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	FY31	FY32	FY33
I	Main Pumping Station Diversions	Division I consists of diversion structures and appurtenances to intercept CSO 009, 011a and 012 at Main Pumping Station near the National Stadium. Other items in Division I include relocation of the Low Area Sewer, surge storage tank and weir, shaft internal structures, and air management facilities.	59.6	0	The project is complete (started in 2014, completed in 2018)														
J	Northeast Boundary Tunnel (NEBT)	The Northeast Boundary Tunnel is 23 foot inside diameter tunnel, approximately 27,000 feet long from RFK Stadium to 6 th and R Street NW. The Tunnel will provide storage for CSO controls as well as conveyance to relieve chronic flooding in the Northeast Boundary Area. Sewer diversion facilities will serve five chronic flood areas: Mt. Olivet Road, Rhode Island Metro Station, Bloomingdale, 6th Street NW and R Street NW. The First Street Tunnel will be connected to the Northeast Boundary Tunnel as part of this is project.	634.8	380.4	The design-build project was awarded in September 2017. Work in the field is underway with project completion in 2023.	124,125	123,394	126,962	56,562										
P	First Street Tunnel	The First Street Tunnel serves the Bloomingdale and LeDroit Park neighborhoods around First Street NW and Rhode Island Avenue. The project schedule and scope has been altered from the Facility Plan to meet the goals of the Mayor's Task Force on Flood Prevention in Bloomingdale and LeDroit Park and the Northeast Boundary Neighborhood Protection Project. The project include a 20 ft inside diameter tunnel approximately 2,700 ft in length. Three diversion chambers divert flow from existing trunk sewers to the tunnel through drop shafts. The tunnel was constructed and in service several years before completion of the Northeast Boundary Tunnel, which will convey flow from the First Street Tunnel to the Blue Plains wastewater treatment plant. Until the NEBT is constructed, First Street Tunnel will be used for storage and will be pumped out after use.	175.3	0	The project is complete (started in 2013, completed in 2016)														
U	Northeast Boundary Tunnel Utility Relocations	Division U consists of advance utility relocations prior to the Northeast Boundary Tunnel construction.	26.87	0	The project is complete (started in 2016, completed in 2017)														
Z	Poplar Point Pumping Station Replacement	Division Z consists of the construction of the new 55 million gallons per day Poplar Point Pumping Station to replace the existing pumping station. It is impracticable to rehabilitate the existing facility due to constraints in the layout and design of the facility.	71.4	0	The project is complete (started in 2015, completed in 2018)														
Potomac River Projects																			
PR-A	Potomac River GI Project A	This project involves construction of multiple green infrastructure facilities, including bioretention facilities and porous pavement to manage stormwater at the source to control CSOs. This project will be used, along with others, to assess the practicability of green infrastructure for controlling Potoamc CSOs 027, 028 and 029. If green infrastructure is determined to be practicable, then the remainder of the GI projects in the Potomac will be	10.4	1.76	The project is complete (started in 2018, completed in 2019) Final payment pending	1,924													

Division	Title	Description	Capital Budget as of 1/20/2020 (\$ M)	Remaining Capital Funds (unspent) as of 1/20/2020 (\$ M) ⁴	Status Report	Planned Spending including DCW Labor (\$ thousands)														
						FY20	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	FY31	FY32	FY33	FY34
		constructed. If GI is determined to be impracticable, then the Potomac Tunnel will be used to control CSO 027, 028 and 029.																		
PR-B	CSO 021 Diversion Facility	CSO 021 is located on property controlled by the Kennedy Center for the Performing Arts. This project involves constructing the diversion chamber and shaft for the future Potomac Tunnel at the same time the Kennedy Center is constructing an expansion of their facility. In the future, these facilities will be connected to the Potomac Tunnel. This will minimize disruption to the Kennedy Center and reduce costs and risks to DC Water.	38.57	0	The project is complete (started in 2016, completed in 2018)															
PR-C	CSO 025/026 Separation	Separation of sewer sheds tributary to two small CSOs along the Georgetown water-front.	19.00	19.00	This project has not started. Based on the schedule in the Consent Decree, construction is planned for 2021 to 2023.		2,450	13,990	3,794											
TBA	Potomac River Tunnel ²	Currently in the planning stage, the Potomac River Tunnel will control CSOs along the Potomac River from the Lincoln Memorial to Georgetown. Diversion structures and drop shafts will be constructed to divert CSO flows to a deep underground storage and conveyance tunnel, which will convey captured flows via gravity Blue Plains.	371.37	371.2	An environmental assessment and facility plan for this project was approved by EPA on March 5, 2019. Based on the schedule in the Consent Decree, construction is currently planned for 2023 to 2030			10,497	15,312	52,427	43,743	100,444	78,906	53,242	41,333					
TBA	Potomac Project 2 (GI) ³	This project involves the design and construction of multiple GI facilities, such as bioretention facilities and porous pavement. The project will only be constructed if green infrastructure is determined to be practicable as part of the assessment conducted after the first green infrastructure project.	30.10	30.10	This project has not started. Based on the schedule in the Consent Decree, construction is planned for 2022 to 2024.			1,258	20,793	10,250										
TBA	Potomac Project 3 (GI) ³	This project involves the design and construction of multiple GI facilities, such as bioretention facilities and porous pavement. The project will only be constructed if green infrastructure is determined to be practicable as part of the assessment conducted after the first green infrastructure project.	31.00	31.00	This project has not started. Based on the schedule in the Consent Decree, construction is planned for 2025 to 2027.						1,243	20,747	10,897							
Rock Creek Projects																				
RC-A	Rock Creek GI Project A	This project involves construction of multiple green infrastructure facilities, including bioretention facilities and porous pavement to manage stormwater at the source to control CSOs. This project will be used, along with others, to assess the practicability of green infrastructure for controlling Rock Creek CSO 049. If green infrastructure is determined to be practicable, then the remainder of the GI projects in Rock Creek will be constructed. If GI is determined to be impracticable, then CSO 049 will be controlled by a gray infrastructure storage project.	33.96	2.3	The project is complete . (started in 2017, completed in 2018) Contract extended to perform additional maintenance work.	2,384														
RC-B	Design Challenge Green Infrastructure Sites	Implement create design to construct green infrastructure facilities at two Triangle Park and one Block Streetscape NW DC. The GI practices implemented through this project will include bioretention (rain gardens), permeable parking lanes, permeable sidewalk pavers, landscape	3.43	2.2	The project is complete . Work performed by DDOT contractor. Payment pending		1,813	403												

Div-ision	Title	Description	Capital Budget as of 1/20/2020 (\$ M)	Remaining Capital Funds (unspent) as of 1/20/2020 (\$ M) ⁴	Status Report	Planned Spending including DCW Labor (\$ thousands)													
						FY20	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	FY31	FY32	FY33
		infiltration gaps, new street trees and stormwater related educational art.																	
TBA	Rock Creek Project 2 (GI) ³	This project involves the design and construction of multiple GI facilities, such as bioretention facilities and porous pavement. The project will only be constructed if green infrastructure is determined to be practicable in Rock Creek as part of the assessment conducted after the first green infrastructure project.	35.3	35.3	This project has not started. Based on the schedule in the Consent Decree, construction is planned for 2022 to 2024.			13,382	19,643	4,859									
TBA	Rock Creek Project 3 (GI) ³	This project involves the design and construction of multiple GI facilities, such as bioretention facilities and porous pavement. The project will only be constructed if green infrastructure is determined to be practicable in Rock Creek as part of the assessment conducted after the first green infrastructure project.	52.53	53.53	This project has not started. Based on the schedule in the Consent Decree, construction is planned for 2025 to 2027.						14,922	27,580	13,446						
TBA	Rock Creek Project 4 (GI) ³	This project involves the design and construction of multiple GI facilities, such as bioretention facilities and porous pavement. The project will only be constructed if green infrastructure is determined to be practicable in Rock Creek as part of the assessment conducted after the first green infrastructure project.	55.73	55.73	This project has not started. Based on the schedule in the Consent Decree, construction is planned for 2027 to 2029.								16.2	27,812	31,765				
TBA	Rock Creek Project 5 (GI) ³	This project involves the design and construction of multiple GI facilities, such as bioretention facilities and porous pavement. The project will only be constructed if green infrastructure is determined to be practicable in Rock Creek as part of the assessment conducted after the first green infrastructure project.	57.41	57.41	This project has not started. Based on the schedule in the Consent Decree, construction is planned for 2028 to 2030.										7,836	41,952			
System Wide Projects																			
N	Low Impact Development Retrofit	The Low Impact Development Project included design, construction, monitoring and maintenance of low impact development techniques at three DC Water facilities to reduce runoff volume to the collection system. The components are: 1) two bioretention areas and permeable pavers in the parking lot of the Anacostia Water Pumping Station, 2) green roof over the East Side Pumping Station, and 3) green roof over Fort Reno Reservoir and permeable pavers in the parking lot.	3.84	0	The project is complete (started in 2012, completed in 2014)														

Notes:

1. TBA = to be assigned
2. CIP budget for the Potomac River Tunnel is a Rough Order Magnitude (ROM). The budget will be updated as design progresses.
3. CIP budgets for future Green Infrastructure Projects are Rough Order Magnitude (ROM estimates prepared based on similar projects around the country. The Consent Decree stipulates evaluation of GI projects Rock Creek Project A and Potomac Project A as part of the practicability assessment. The results of this practicability assessment will be used to update required budgets if necessary.
4. Includes retainage on construction contracts.

Question 57 - Status Update on Sewer Rehabilitation Projects

P6 Code	Project	Description	Budgeted Total Capital Cost	Remaining Budget	Status	Design Start	Construction Start	Project Finish Date
A419	Watts Branch Sewer Rehabilitation	This project is to design and construct sanitary sewer interceptors, trunk sewers and force mains identified as requiring upgrade by the major planning and condition assessment program underway for the sanitary sewer system. This project is needed to construct new and rehabilitate or replace aged infrastructure to restore integrity and reliability of DC Water's sanitary sewer system.	\$7,796,090	\$1,389,688	Under Construction	01-Jun-07 A	29-Oct-08 A	1-Sep-20
A433	A433 Spring Place Sewer Rehab	This project is to design and construct sanitary sewer interceptors, trunk sewers and force mains identified as requiring upgrade by the major planning and condition assessment program underway for the sanitary sewer system. This project is needed to construct new and rehabilitate or replace aged infrastructure to restore integrity and reliability of DC Water's sanitary sewer system.	\$3,116,629	\$2,858,359	In Design. Intermediate design in progress	03-Feb-15 A	25-Oct-21	22-Apr-23
BO12	Spring Place Storm Manhole Rehab	This project provides design and construction services for stormwater sewer interceptors, trunk sewers and force mains that require upgrades.	\$455,000	\$374,598	In Design. Waiting to restart the project. Final design activity was deferred.	03-Feb-15 A	25-Oct-21	22-Apr-23
DN26	Heavy Cleaning of Oxon Run	The program will provide an ongoing effort to further inspect the Authority's existing sewer system.	\$1,615,375	\$513,646	Inspections - Ongoing	N/A	02-May-17 A	17-Sep-20
DN27	Heavy Cleaning of PFM Siphons	The program will provide an ongoing effort to further inspect the Authority's existing sewer system.	\$2,500,000	\$2,500,000	Not Started	N/A	1-Oct-21	29-Sep-22
DN28	Heavy Cleaning of B Street/New Jersey Ave	The program will provide an ongoing effort to further inspect the Authority's existing sewer system.	\$2,000,000	\$465,927	Ongoing	N/A	1-Jun-18 A	29-Nov-20
DN41	Sewer IDIQ Inspection/Condition Assessment 1	The program will provide an ongoing effort to further inspect the Authority's existing sewer system.	\$4,000,000	\$3,589,064	Inspections - Ongoing	N/A	1-Apr-19 A	1-Apr-28
DN42	Sewer IDIQ Inspection/Condition Assessment 2	The program will provide an ongoing effort to further inspect the Authority's existing sewer system.	\$3,970,000	\$3,970,000	Inspections - Ongoing	N/A	1-Apr-19 A	7-Oct-29
DR02	Low Area Trunk Sewer - Rehabilitation	This project provides for the cleaning, assessing, design and rehabilitation of the 11,700 foot long Low Area Trunk Sewer after a collapse of a section of the sewer near the US Capitol Building.	\$21,430,511	\$5,181,344	Under Construction	20-Jul-11 A	12-Jul-18	8-Oct-20
FW01	Piney Branch Sewershed Rehab, Phase 1	This project will rehabilitate a portion of the Piney Branch Trunk Sewer.	\$19,440,701	\$16,818,078	In Design. Final design is submitted. All permits are obtained. Waiting for funds to start construction procurement.	02-Sep-14 A	31-Jul-21	28-Jul-24
G100	Lining & Repair of Local Sewers	This project to rehabilitate and repair local sewers throughout the District is one aspect of the Service Life Improvement Plan outlined in the 2009 Sewer System Facilities Plan.	\$15,686,819	\$12,760	Construction Complete but Construction Management is still open	01-Jun-11 A	14-Jul-15 A	1-Apr-20
G101	Rehab of Sewers in Georgetown	This project to rehabilitate and repair local sewers throughout the District is one aspect of the Service Life Improvement Plan outlined in the 2009 Sewer System Facilities Plan.	\$6,355,000	\$109,270	Construction complete but Legal Services activity is still open	27-Sep-11 A	16-Nov-16 A	30-Dec-20

Question 57 - Status Update on Sewer Rehabilitation Projects

P6 Code	Project	Description	Budgeted Total Capital Cost	Remaining Budget	Status	Design Start	Construction Start	Project Finish Date
G102	Barry Rd. Sanitary Sewer	This project to rehabilitate and repair local sewers throughout the District is one aspect of the Service Life Improvement Plan outlined in the 2009 Sewer System Facilities Plan.	\$2,100,000	\$284,637	Construction Complete but Construction Management is still open	31-Jan-13 A	05-Dec-14 A	31-Mar-20
G204	Rehab of Gates Str 5A 5B 5C & Poplar Point PS	This project includes rehabilitation of the sluice gates at Structures 5A, 5B, 5C, and the gate at the old Poplar Point Pumping Station.	\$3,000,000	\$3,000,000	In Planning	28-Feb-21	14-Aug-22	9-Feb-24
G501	Creekbed Sewer Rehabilitation Glover Archbold Park	This project consists of multiple jobs to protect infrastructure in the vicinity of streams and creeks located throughout the District. The project intends to relocate and rehabilitate manholes and sewer pipes vulnerable to flooding or erosion and infrastructure exposed to or adjacent to surface waters. The project also includes the rehabilitation of outfalls and other tasks required to protect exposed sewers due to stream bank erosion.	\$43,102,074	\$39,769,666	In Design. NEPA Document submitted 1.5 year ago but no response from NPS.	30-Jun-11 A	6-Mar-23	30-Mar-26
G502	Creekbed Sewer Rehabilitation Soapstone Valley	This project consists of multiple jobs to protect infrastructure in the vicinity of streams and creeks located throughout the District. The project intends to relocate and rehabilitate manholes and sewer pipes vulnerable to flooding or erosion and infrastructure exposed to or adjacent to surface waters. The project also includes the rehabilitation of outfalls and other tasks required to protect exposed sewers due to stream bank erosion.	\$14,182,842	\$11,339,458	In Design. Addressing NEPA comments received from public review.	30-Jun-11 A	12-Mar-21	8-Sep-23
G503	Creekbed Sewer Rehabilitation Foundry Branch	This project consists of multiple jobs to protect infrastructure in the vicinity of streams and creeks located throughout the District. The project intends to relocate and rehabilitate manholes and sewer pipes vulnerable to flooding or erosion and infrastructure exposed to or adjacent to surface waters. The project also includes the rehabilitation of outfalls and other tasks required to protect exposed sewers due to stream bank erosion.	\$1,120,000	\$49,694	In Design. NEPA Document submitted 1.5 year ago but no response from NPS.	30-Jun-11 A	6-Mar-23	30-Mar-26
G504	Creekbed Sewer Rehabilitation Klinge Valley	This project consists of multiple jobs to protect infrastructure in the vicinity of streams and creeks located throughout the District. The project intends to relocate and rehabilitate manholes and sewer pipes vulnerable to flooding or erosion and infrastructure exposed to or adjacent to surface waters. The project also includes the rehabilitation of outfalls and other tasks required to protect exposed sewers due to stream bank erosion.	\$3,197,376	\$123,886	Under Construction	07-Jul-14 A	01-Aug-16 A	14-Jan-21
G505	Creekbed Sewer Rehabilitation Normanstone Park	This project consists of multiple jobs to protect infrastructure in the vicinity of streams and creeks located throughout the District. The project intends to relocate and rehabilitate manholes and sewer pipes vulnerable to flooding or erosion and infrastructure exposed to or adjacent to surface waters. The project also includes the rehabilitation of outfalls and other tasks required to protect exposed sewers due to stream bank erosion.	\$2,859,286	\$2,328,964	In Design. DDOT Point Repair Complete. In house design to restart in April	07-Jul-14 A	1-Oct-19	29-Sep-20

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P6 Code	Project	Description	Budgeted Total Capital Cost	Remaining Budget	Status	Design Start	Construction Start	Project Finish Date
G506	Creekbed Sewer Rehabilitation Shelia's Tributary (Broad Branch)	This project consists of multiple jobs to protect infrastructure in the vicinity of streams and creeks located throughout the District. The project intends to relocate and rehabilitate manholes and sewer pipes vulnerable to flooding or erosion and infrastructure exposed to or adjacent to surface waters. The project also includes the rehabilitation of outfalls and other tasks required to protect exposed sewers due to stream bank erosion.	\$4,200,000	\$3,707,523	In Design. CFR is completed . Rehab design will resume once budget becomes available.	05-Jan-15 A	27-Feb-29	28-Aug-30
G603	Sanitary Sewer Rehab and Repair Phase 4	This project rehabilitates sanitary sewers located under buildings citywide. Other activities included in this project are cleaning, pre- and post-CCTV, sealing joints and repair of offset pipe.	\$4,010,000	\$3,455,034	Design complete. Project on hold. To restart in March 2020	01-Jul-14 A	1-Nov-21	29-Apr-23
G703	Comb Sewer Rehab and Repair Phase 4	High Priority rehabilitation projects that needed to be undertaken to fix structural defects and restore structural integrity of the sewer system. Other activities included in this project are cleaning, pre and post CCTV, sealing joints and repair of offset pipe.	\$12,812,222	\$11,697,087	Design complete. Project on hold. To restart in March 2020	02-Jul-14 A	1-Nov-21	29-Apr-23
G712	Spring Place Combined Sewer Rehab	High Priority rehabilitation projects that needed to be undertaken to fix structural defects and restore structural integrity of the sewer system. Other activities included in this project are cleaning, pre and post CCTV, sealing joints and repair of offset pipe.	\$709,000	\$477,177	In Design. To restart once budget becomes available.	03-Feb-15 A	16-Oct-21	22-Apr-23
GA01	Small Local Sewer Rehab 4	This project to rehabilitate and repair local sewers throughout the District is one aspect of the Service Life Improvement Plan outlined in the 2009 Sewer System Facilities Plan.	\$8,557,261	\$592,000	Construction Complete but Construction Management is still open	03-Apr-14 A	03-Apr-15 A	1-Mar-20
GH01	Large Sewer Rehab 3	This project to rehabilitate and repair local sewers throughout the District is one aspect of the Service Life Improvement Plan outlined in the 2009 Sewer System Facilities Plan.	\$24,327,000	\$21,681,866	In Design. Job to resume once funding becomes available	16-Jan-14 A	3-Jan-21	1-Jul-24
GY03	Storm Sewer Rehab and Repair Phase 4	This multi-job project rehabilitates storm sewers located throughout the District. Multiple jobs provide the annualized program to rehabilitate the storm sewer inventory which exhibits deteriorated conditions and is located under buildings.	\$1,350,000	\$1,126,699	Design complete. Currently on hold but will restart in FY20. Will advertise once budget becomes available	02-Jul-14 A	1-Nov-21	29-Apr-23
H600	FY2018 - DSS Sanitary Sewer Projects	This project is for the annual program of planned projects by the Department of Sewer Services for the rehabilitation and improvement of the sanitary sewer	\$11,845,000	\$230,532	Ongoing	N/A	26-Sep-18 A	30-Oct-20
HN01	FY2019 - DSS Sanitary Sewer Projects	This project is for the annual program of planned projects by the Department of Sewer Services for the rehabilitation and improvement of the sanitary sewer	\$12,200,000	\$4,214,386	Ongoing	N/A	19-May-19 A	30-Dec-20
HT02	Repair of Defective PCCP Pipe	Pipe Inspection and condition assessment	\$5,340,000	\$4,104,005	Inspection - Task Order negotiation	N/A	1-Feb-18	4-May-25

Question 57 - Status Update on Sewer Rehabilitation Projects

P6 Code	Project	Description	Budgeted Total Capital Cost	Remaining Budget	Status	Design Start	Construction Start	Project Finish Date
HT07	Rehabilitation of Anacostia Force Main	This job was initially set up to provide funding for the design and construction of a diversion structure along the Anacostia Force Main (AFM) as a result of the South Capitol Bridge construction project. Due to schedule and budget constraints, the design of the diversion structure was cancelled and the budget was used to fund the geotechnical monitoring of the AFM during the bridge construction.	\$860,000	\$526,686	In Planning	1-Apr-19 A	29-Apr-21	28-Oct-22
IF02	Sanitary Sewer Rehab and Repair Phase 6	This multi-job project to rehabilitate combined sewers in various locations throughout the District is one aspect of the Service Life Improvement Plan outlined in the Sewer System Facilities Plan. Multiple jobs provide the annualized program to rehabilitate the large sewer inventory which exhibit deteriorated conditions.	\$1,266,800	\$112,732	In Design. Pre-final phase. Permitting and contract procurement can proceed when funds becomes available. Work will be executed as under IH02	20-Aug-14 A		
IH02	Comb Sewer Rehab and Repair Phase 7	This multi-job project to rehabilitate combined sewers in various locations throughout the District is one aspect of the Service Life Improvement Plan outlined in the Sewer System Facilities Plan. Multiple jobs provide the annualized program to rehabilitate the large sewer inventory which exhibit deteriorated conditions.	\$14,697,744	\$13,227,596	In Design. Pre-final phase. Permitting and contract procurement can proceed when funds becomes available.	29-Oct-14 A	30-Jun-22	25-Dec-24
IK01	Potomac Force Main Assessment	Condition assessment of the Potomac Force Main to determine rehabilitation needs.	\$1,500,000	\$787,165	Inspection - Ongoing	N/A	21-Dec-14 A	2-Mar-21
IL01	Creekbed Sewer Rehabilitation Pinehurst Branch (West)	This project consists of multiple jobs to protect infrastructure in the vicinity of streams and creeks located throughout the District. The project intends to relocate and rehabilitate manholes and sewer pipes vulnerable to flooding or erosion and infrastructure exposed to or adjacent to surface waters. The project also includes the rehabilitation of outfalls and other tasks required to protect exposed sewers due to stream bank erosion.	\$3,507,088	\$2,513,952	In Design. Negotiating MOU with DOEE	22-Jul-14 A	20-Apr-19	30-Nov-19
IL02	Creekbed Sewer Rehabilitation Dumbarton Oaks	Project evaluates sewer assets in Dumbarton Oaks Park and includes the possible rehabilitation of 3,800 linear feet of sewer along a stream that runs from Whitehaven Street, NW to Rock Creek.	\$6,313,500	\$6,313,500	In Planning	29-Jun-21	27-Aug-25	25-Feb-27
IL04	Creekbed Sewer Rehabilitation Fort Stanton Park Irving & Suitland Parkway	This project consists of multiple jobs to protect infrastructure in the vicinity of streams and creeks located throughout the District. The project intends to relocate and rehabilitate manholes and sewer pipes vulnerable to flooding or erosion and infrastructure exposed to or adjacent to surface waters. The project also includes the rehabilitation of outfalls and other tasks required to protect exposed sewers due to stream bank erosion.	\$1,044,250	\$890,000	In Design. Pipe rehab & asset protection contracted through MOU with DOEE; Waiting for design from DOEE	21-Aug-17 A	30-Jan-21	27-Jul-22

Question 57 - Status Update on Sewer Rehabilitation Projects

P6 Code	Project	Description	Budgeted Total Capital Cost	Remaining Budget	Status	Design Start	Construction Start	Project Finish Date
IL05	Creekbed Sewer Rehabilitation Rock Creek Sherrill Drive & Beach Drive	This project consists of multiple jobs to protect infrastructure in the vicinity of streams and creeks located throughout the District. The project intends to relocate and rehabilitate manholes and sewer pipes vulnerable to flooding or erosion and infrastructure exposed to or adjacent to surface waters. The project also includes the rehabilitation of outfalls and other tasks required to protect exposed sewers due to stream bank erosion.	\$15,781,925	\$13,980,332	In Planning	22-Jul-14 A	2-Mar-26	31-Aug-27
IL06	Creekbed Sewer Rehabilitation Fenwick Branch E Beach Dr & Red Bud Lane	This project consists of multiple jobs to protect infrastructure in the vicinity of streams and creeks located throughout the District. The project intends to relocate and rehabilitate manholes and sewer pipes vulnerable to flooding or erosion and infrastructure exposed to or adjacent to surface waters. The project also includes the rehabilitation of outfalls and other tasks required to protect exposed sewers due to stream bank erosion.	\$10,506,621	\$9,339,203	In Design. NEPA and CFR complete. Final design to start when budget becomes available.	22-Jul-14 A	4-Jul-23	29-Dec-25
IL10	Creekbed Sewer Rehabilitation Rock Creek Oregon Avenue	This project consists of multiple jobs to protect infrastructure in the vicinity of streams and creeks located throughout the District. The project intends to relocate and rehabilitate manholes and sewer pipes vulnerable to flooding or erosion and infrastructure exposed to or adjacent to surface waters. The project also includes the rehabilitation of outfalls and other tasks required to protect exposed sewers due to stream bank erosion.	\$27,404,244	\$2,716,691	Under Construction	03-Dec-15 A	30-Sep-16 A	30-Oct-21
IL11	Creekbed Sewer Rehabilitation Spring Valley	This project consists of multiple jobs to protect infrastructure in the vicinity of streams and creeks located throughout the District. The project intends to relocate and rehabilitate manholes and sewer pipes vulnerable to flooding or erosion and infrastructure exposed to or adjacent to surface waters. The project also includes the rehabilitation of outfalls and other tasks required to protect exposed sewers due to stream bank erosion.	\$889,556	\$29,248	Under Construction	20-Nov-14 A	11-Mar-17 A	2-Sep-20
IM04	Creekbed Sewer Rehabilitation Fort Dupont	This area evaluates sewer assets near the stream that runs through Fort Dupont Park and includes the possible rehabilitation of 3500 LF of sewer and 20 manholes.	\$3,565,000	\$3,565,000	In Planning	11-Mar-21	9-May-25	27-Nov-26
J001	B Street/New Jersey Ave. Trunk Sewer Rehab and Cleaning Phase 1	This project involves a condition assessment, design, and repair of the B Street / New Jersey Avenue trunk sewer.	\$15,532,643	\$3,220,531	Under Construction	02-Oct-16 A	21-May-18 A	25-Feb-21
J306	National Arboretum Sewer Rehab (Eastside Interceptor)	This project is for the assessment, design and construction of sanitary sewer interceptors, trunk sewers and force mains that require upgrade.	\$11,155,467	\$5,877,949	Construction complete but DSDC Archaeological services activity is still active	28-Jan-10 A	15-Jul-16 A	30-Mar-20
J307	National Arboretum Sewer Rehab Construction Contract 2	This project is for the assessment, design and construction of sanitary sewer interceptors, trunk sewers and force mains that require upgrade.	\$3,215,622	\$3,126,703	Under Construction	04-May-16 A	24-Oct-18	27-Sep-22

Question 57 - Status Update on Sewer Rehabilitation Projects

P6 Code	Project	Description	Budgeted Total Capital Cost	Remaining Budget	Status	Design Start	Construction Start	Project Finish Date
JH01	FY2020 - DSS Storm Sewer Projects	This project is for the annual program of planned projects by the Department of Sewer Services for the rehabilitation and improvement of the stormwater sewer system. This project is needed to replace aged infrastructure to restore integrity and reliability of the stormwater sewer system.	\$820,000	\$692,662	Ongoing	N/A	20-Nov-19 A	28-Sep-21
J100	FY2020 - DSS Sanitary Sewer Projects	This project is for the annual program of planned projects by the Department of Sewer Services for the rehabilitation and improvement of the sanitary sewer	\$12,568,000	\$3,097,165	Ongoing	N/A	24-Sep-19 A	30-Jan-21
JX01	Sanitary Sewer Rehabilitation 10	This project to rehabilitate and repair local sewers throughout the District is one aspect of the Service Life Improvement Plan outlined in the 2009 Sewer System Facilities Plan.	\$19,410,000	\$16,958,920	In Design. To restart on March 2020	26-Sep-17 A	15-Jan-22	3-May-24
LN00	FY2021 - DSS Sanitary Sewer Projects	This project is for the annual program of planned projects by the Department of Sewer Services for the rehabilitation and improvement of the sanitary sewer	\$12,945,000	\$12,945,000	Not Started	N/A	1-Oct-20	1-Oct-21
LO00	FY2021 - DSS Storm Sewer Projects	This project is for the annual program of planned projects by the Department of Sewer Services for the rehabilitation and improvement of the stormwater sewer system. This project is needed to replace aged infrastructure to restore integrity and reliability of the stormwater sewer system.	\$845,000	\$845,000	Not Started	N/A	28-Feb-21	26-Aug-22
LZ01	Annual Inspection and Cleaning & Corrosion Mitigation	Inspection and cleaning of the Potomac Interceptor.	\$4,520,000	\$2,101,909	In Planning	N/A	19-Jun-15 A	25-Nov-23
LZ02	PI Access Road	Rehabilitate access roads along the PI previously identified. The plan is to reactivate the old project originally designed by CCJM by verifying what was accomplished, permitting wetlands disturbance through MD and VA, and sediment control measures through local counties.	\$3,561,209	\$2,968,300	In Planning	20-Jan-21	22-Jun-22	23-Dec-23
LZ03	PI Phase 1 Pipe Rehab at Clara Barton Pkwy	This project will rehabilitate segments of the Potomac Interceptor (PI) Sewer. The project will include engineering services for the design, permitting, bid, and construction phases and funding for capital construction, construction management, and site access planning.	\$31,941,808	\$27,662,930	In Design	2-Feb-18 A	1-Jan-24	31-May-26
LZ04	PI Phase 2 Pipe Rehab at Potomac Crossing	This project will rehabilitate segments of the Potomac Interceptor (PI) Sewer. The project will include engineering services for the design, permitting, bid, and construction phases and funding for capital construction, construction management, and site access planning.	\$44,800,323	\$41,326,022	In Design	3-Mar-20	9-Sep-24	12-Mar-29
LZ06	PI Phase 4 Pipe Rehab at Fairfax and Loudon Co.	This project rehabilitates the portion of the Potomac Interceptor between M-44 and M-43, located in Fairfax and Loudon County.	\$24,317,489	\$23,118,008	In Design	1-Jan-20	2-Jun-21	1-Jun-23
LZ07	PI Phase 5 Pipe Rehab at Fairfax PI Tunnel	This project will rehabilitate segments of the Potomac Interceptor (PI) Sewer. The project will include engineering services for the design, permitting, bid, and construction phases and funding for capital construction, construction management, and site access planning.	\$20,178,446	\$18,560,122	In Design. Design Build team procurement ongoing	23-Jan-20	23-Feb-20	21-Feb-22

Question 57 - Status Update on Sewer Rehabilitation Projects

P6 Code	Project	Description	Budgeted Total Capital Cost	Remaining Budget	Status	Design Start	Construction Start	Project Finish Date
LZ09	PI Phase 6 Pipe Rehab	This project rehabilitates the portion of the Potomac Interceptor. Location to be determined	\$18,000,000	\$17,120,000	In Design	1-Mar-20	1-Dec-22	8-Nov-24
LZ12	PI Corrosion Prevention	his job employs corrosion prevention measures to various assets along the Potomac Interceptor.	\$500,000	\$500,000	In Planning	27-Sep-20	28-Mar-21	26-Jul-22
LZ13	PI Manhole Rehabilitation	This job rehabilitates manholes that are not part of any pipe rehabilitation project for the Potomac Interceptor.	\$450,000	\$450,000	In Planning	1-May-20	28-Aug-21	28-Aug-22
PJ01	Re-Activation of Old Anacostia Force Main (AFM) Gravity Main	This project is to rehabilitate the old Anacostia Force Main (AFM) so that it can behave as a relief sewer for the 108-inch diameter AFM. The AFM extends 32,700 linear feet from the Maryland / District border to its terminus near South Capital Street and Firth Sterling Ave, SE and is within National Park Service property (NPS). The AFM carries approximately 244 MGD (1/3 of WSSC's wastewater flow) to Blue Plains. This critical sewer consists largely of pre-stressed concrete cylinder pipe (PCCP) which has a history of failures throughout the industry.	\$600,000	\$600,000	In Planning	N/A	1-Jun-18 A	2-Jun-24
QS02	Local Sewer Rehab 5-2	This project rehabilitates sewers in various locations within the District in association with the Sewer Rehabilitation Program identified in the Sewer System Facility Plan (SSFP). Project activities include pre-cleaning and closed-circuit television (CCTV) inspection to verify the proposed rehabilitation method, pipeline rehabilitation using trenchless technologies or excavated point repairs as necessary, lateral connection repairs, and manhole rehabilitation.	\$12,555,251	\$12,555,251	In Planning	16-Jul-21	16-Dec-22	15-Jun-24
QS05	Permit Services for Georgetown, Atlas District, Columbia Heights, Manor Park, and Bloomingdale	Provides permit services funding for local sewer rehab projects (GH01, IH02/IF02, G703/G603/GY03)	\$1,275,000	\$1,275,000	In Design. Waiting for the local sewer rehab projects to restart.	1-Aug-20		31-Jul-22
QX01	Local Sewer Assessment 1-1	This project(s) addresses the need to fund future Local Sewer Inspection Program (LSIP) once DETS approval is obtained and mileage goals are set. This program involves the inspection of gravity sewers less than 60-inch; inspection involves mainly CCTV, sonar, as well as light & heavy cleaning (if desired and as needed).	\$2,185,500	\$2,185,500	Not Started	N/A	1-Nov-19	1-Jan-20
QX02	Local Sewer Assessment 1-2	This project(s) addresses the need to fund future Local Sewer Inspection Program (LSIP) once DETS approval is obtained and mileage goals are set. This program involves the inspection of gravity sewers less than 60-inch; inspection involves mainly CCTV, sonar, as well as light & heavy cleaning (if desired and as needed).	\$2,000,000	\$2,000,000	Not Started	N/A	30-Sep-20	30-Sep-21

Question 57 - Status Update on Sewer Rehabilitation Projects

P6 Code	Project	Description	Budgeted Total Capital Cost	Remaining Budget	Status	Design Start	Construction Start	Project Finish Date
RA01	Major Sewer Assessment & Heavy Cleaning 1-1	This project(s) addresses the need to fund future Heavy Cleaning contracts and/or supplement or wholly fund the heavy cleaning of selected major sewers, as needed. It will also be utilized to supplement the DN41 and DN42 projects and fund the Sewer component of the Pipe Condition Assessment (PCA) program. Such sewers may include the Anacostia Siphons, the Potomac Force Main Siphons the East Side Interceptor and NE Boundary Sewer cleaning.	\$3,000,000	\$3,000,000	Not Started	N/A	1-Oct-20	2-Oct-21
RC01	Rehabilitation of Rock Creek Main Interceptor and Beach Drive Sewers	This project will rehabilitate the Rock Creek Main Interceptor (RCMI) and RCMI Relief Sewer (RCMIRS).	\$27,120,000	\$27,120,000	In Planning	15-Oct-20	15-Dec-24	15-Jun-26
RC07	Major Sewer Rehab 1-5 Northeast Boundary Sewer	Establishes a program for rehabilitation of major sewers as the need is identified from inspections and condition assessments. This job was assigned to rehabilitate portions of the Northeast Boundary Trunk Sewer	\$14,518,000	\$14,518,000	In Planning	22-May-20	22-Oct-21	22-Apr-23
RD03	Oxon Run Sewer Rehabilitation	This job rehabilitates portion of Oxon Run sewers.	\$28,237,000	\$28,237,000	In Planning	12-Oct-20	10-Dec-24	10-Jun-26

Awarded, entered into, extended and option years exercised during FY 2019 and FY 2020, to date.

Contract Type (procurement, lease, or grant)	The name of the contracting party;	The nature of the contract, including the end product or service;	The dollar amount of the contract, including budgeted amount and actually spent;	The actual spent amount since contract award;	The term of the contract; (i.e. 1 yr, 2 yr, X yr)	Whether the contract was competitively bid or not;	The name of the agency's contract monitor and the		Funding source; (DC Water, Grant, etc.)	Whether the contract is available to the public online.
							COTR	Results on performance activity (i.e. satisfactory, poor, improvement plan needed)		
Procurement	MB Staffing	Temporary Staffing	\$ 5,456,784	\$ 4,520,268	4 yr	Competitively bid	Keith Lindsey	Satisfactory	DC Water Operating	Not online
Procurement	Premier Staffing	Temporary Staffing	\$ 1,469,257	\$ 1,326,704	4 yr	Competitively bid	Keith Lindsey	Satisfactory	DC Water Operating	Not online
Procurement	Advanced Digital Systems	IT Professional Services	\$ 4,368,476	\$ 4,368,476	3 yr	Competitively bid	Joe Edwards	Satisfactory	DC Water Operating	Not online
Procurement	Network for Future	IT Professional Services	\$ 3,465,241	\$ 2,496,518	3 yr	Competitively bid	Joe Edwards	Satisfactory	DC Water / Ops./Capital	Not online
Procurement	Susan Fitzgerald	IT Professional Services	\$ 1,546,781	\$ 1,487,554	3 yr	Competitively bid	Hari Kurup	Satisfactory	DC Water / Ops./Capital	Not online
Procurement	PCMG	Microsoft Software Renewal	\$ 3,500,000	\$ 3,413,659	3 yr	Competitively bid	Joe Edwards	Satisfactory	DC Water/ Ops./Capital	Not online
Procurement	Accurate Conceptions LLC	Technical Information Center for Document Management Services	\$ 1,189,011	\$ 189,011	2 yr	Competitively bid	Skip Tompkins	Satisfactory	DC Water Capital	Not online
Procurement	MC Dean	Annual Maint. And Repair of Industrial Electrical Equipment	\$ 2,117,000	\$ 2,064,567	2 yr	Competitively bid	Elkin Hernandez	Satisfactory	DC Water Operating	Not online
Lease	Cintas	Employee Uniforms	\$ 3,000,000	\$ 1,666,548	3 yr	Competitively bid	Patricia Williams	Satisfactory	DC Water Operating	Not online
Procurement	Fasteners Rx, Inc.	Compound Water Meters	\$ 2,579,957	\$ 1,614,908	3 yr	Competitively bid	Sheena Robinson	Satisfactory	DC Water Capital	Not online
Procurement	Kaiser Foundation Health Plan of the Mid-Atlantic States	HMO Medical Plan	\$ 22,539,318	\$ 21,175,573	5 yr	Competitively bid	Ronald Lewis	Satisfactory	DC Water Operating	Not online
Procurement	RSM	Internal Audit Services	\$ 4,507,608	\$ 4,455,920	5 yr	Competitively	Tera Fong	Satisfactory	DC Water Operating	Not online
Procurement	Allied Universal	Protective Services	\$ 11,147,482	\$ 7,769,755	2 yr	Competitively	Carroll Highsmith	Satisfactory	DC Water Operating	Not online
Procurement	KPMG, LLP	External Audit Services	\$ 1,537,194	\$ 1,123,705	5 yr	Competitively	Genes Malasy	Satisfactory	DC Water Operating	Not online
Procurement	Colonial Chemicals	Methnol	\$ 22,320,280	\$ 17,448,585	3 yr	Competitively	Aklile Tesfaye	Satisfactory	DC Water Operating	Not online
Procurement	Mitsubishi International	Methnol	\$ 7,976,040	\$ 3,473,580	4 yr	Competitively	Aklile Tesfaye	Satisfactory	DC Water Operating	Not online
Procurement	Polydyne	Pre-Watering Polymer	\$ 9,925,994	\$ 8,535,994	6 yr	Competitively	Aklile Tesfaye	Satisfactory	DC Water Operating	Not online
Procurement	Carter & Carter	Supply & Delivery of Ferric Chloride	\$ 16,206,744	\$ 16,206,744	4 yr	Competitively	Aklile Tesfaye	Satisfactory	DC Water Operating	Not online
Procurement	Service Master of Virginia	Industrial Cleaning	\$ 1,907,954	\$ 1,746,624	4 yr	Competitively	Aklile Tesfaye	Satisfactory	DC Water Operating	Not online
Procurement	Connecticut General Insurance Company	Medical Plans	\$ 49,611,987	\$ 32,003,122	4 yr	Competitively	Ronald Lewis	Satisfactory	DC Water Operating	Not online
Procurement	Delta Dental	Dental Medical Plan	\$ 2,957,955	\$ 1,473,523	3 yr	Competitively	Ronald Lewis	Satisfactory	DC Water Operating	Not online
Procurement	M.C. Dean	Annual Maintenance and Repair of Industrial Electrical Control Equipment	\$ 3,175,437	\$ 3,175,437	1 yr	Competitively	Elkin Hernandez	Satisfactory	DC Water Operating	Not online
Procurement	M.C. Dean	Annual Maint., Repair and Calibration of Instrumentation	\$ 3,175,437	\$ 3,175,437	4 yr	Competitively	Elkin Hernandez	Satisfactory	DC Water Operating	Not online
Procurement	M.C. Dean	Electrical Power Distribution Equipment Service	\$ 12,957,000	\$ 12,525,747	6 yr	Competitively	Elkin Hernandez	Satisfactory	DC Water Operating	Not online
Procurement	Kuehne	Liquid Sodium Hypochlorite	\$ 10,761,200	\$ 9,826,181	4 yr	Competitively	Aklile Tesfaye	Satisfactory	DC Water Operating	Not online
Procurement	Connecticut General Insurance Company	Group Life and Disability Insurance	\$ 3,671,895	\$ 1,980,345	2 yr	Competitively	Ronald Lewis	Satisfactory	DC Water Operating	Not online
Procurement	W.K.Merriman	Supply and Delivery of Calcium Hydroxide	\$ 2,384,400	\$ 2,269,821	4 yr	Competitively	Nicholas Passarelli	Satisfactory	DC Water Operating	Not online
Procurement	Mueller	Positive Displacement Meters	\$ 2,128,634	\$ 1,864,593	2 yr	Competitively	Sheena Robinson	Satisfactory	DC Water Capital	Not online
Procurement	USI Insurance Services	ROCI 4	\$ 6,105,693	\$ 4,289,245	3 yr	Competitively	Tanya DeLeon	Satisfactory	DC Water Capital	Not online
Procurement	Aon Risk Services of Washington, DC	ROCI 3	\$ 7,011,770	\$ 4,411,932	5 yr	Competitively	Tanya DeLeon	Satisfactory	DC Water Capital	Not online
Procurement	Urban Service Systems Corporation	Solids Screening Facility Hauling	\$ 4,330,352	\$ 4,330,352	4 yr	Competitively	Aklile Tesfaye	Satisfactory	DC Water Operating	Not online
Procurement	Maryland Environmental Services	Monitoring of Sludge @ Disposal Sites	\$ 3,357,327	\$ 1,450,533	4 yr	Sole Source	Chris Peot	Satisfactory	DC Water Operating	Not online
Procurement	Enterprise Security Solution	Security Systems Maintenance and Integration	\$ 10,290,868	\$ 8,733,757	2 yr	Competitively	Ivelisse Cassas	Satisfactory	DC Water Ops./Capital	Not online
Procurement	Electric Motor and Contracting	Repair and Rehabilitation of Various Process Assets	\$ 8,277,186	\$ 6,183,734	3 yr	Competitively	Elkin Hernandez	Satisfactory	DC Water Operating	Not online
Procurement	Canon Solutions, Inc. of America	Document Management Services	\$ 1,965,139	\$ 1,965,139	5 yr	Competitively	RoDonna Brewster	Satisfactory	DC Water Operating	Not online
Procurement	Con Edison	Electricity	\$ 91,375,000	\$ 65,350,000	6 yr	Competitively	Ernest Jolley	Satisfactory	DC Water Operating	Not online
Procurement	Nutriblend	Biosolids Management	\$ 2,000,000	\$ -	1 yr	Competitively	Chris Peot	Satisfactory	DC Water Operating	Not online
Procurement	Reading Crane	Crane Hoist Repair & Maintenance	\$ 1,058,481	\$ 893,943	4 yr	Competitively	Bill Brower	Satisfactory	DC Water Operating	Not online
Procurement	Centerra	Fleet Management, Maintenance, Repair and Operations	\$ 10,201,905	\$ 8,892,716	6 yr	Competitively	Tim Fitzgerald	Needs Improvement	DC Water Operating	Not online
Procurement	Centerra	Parts Supply Management Services	\$ 6,134,654	\$ 5,947,166	6 yr	Competitively	Tim Fitzgerald	Needs Improvement	DC Water Operating	Not online
Procurement	Mobile Dredging	High Pressure Vacuum Cleaning	\$ 1,391,250	\$ 1,391,250	2 yr	Competitively	Chanda Albritten	Needs Improvement	DC Water Operating	Not online
Procurement	Rodgers Brothers Custodial Services	Hauling & Disposal of Excavation Spoils & Debris	\$ 1,495,266	\$ 1,312,953	3 yr	Competitively	Jason Hughes / Sigi Sharp	Satisfactory	DC Water Operating	Not online
Procurement	C & E Services	Annual Maintenance, Repair and Calibration of Instrumentation	\$ 2,400,000	\$ 2,275,552	5 yr	Competitively	Samant Garg	Satisfactory	DC Water Operating	Not online
Procurement	Vertex	Customer Information System	\$ 20,006,817	\$ 9,389,350	3 yr	Competitively	Sarah Mandli	Satisfactory	DC Water Ops./Capital	Not online
Procurement	Allied Reliability	Maintenance Reliability Support	\$ 1,190,900	\$ 945,379	3 yr	Sole Source	Theresa Bruton	Satisfactory	DC Water Operating	Not online
Procurement	BFPE International	Fire Protection Systems	\$ 1,429,960	\$ 1,429,021	3 yr	Competitively	RoDonna Brewster	Satisfactory	DC Water Operating	Not online
Procurement	Emerson Process Management	Process Control Systems	\$ 10,936,001	\$ 9,395,910	10 yr	Sole Source	Duncan Mukira	Satisfactory	DC Water Operating	Not online
Procurement	Polydyne	Belt Press	\$ 5,991,555	\$ 5,943,612	4 yr	Competitively	Nicholas Passarelli	Satisfactory	DC Water Operating	Not online

Procurement	PVS Technologies	Supply and Deliver Ferric Chloride	\$	4,431,588	\$	4,431,587	4 yr	Competitively	Nicholas Passarelli	Satisfactory	DC Water Operating	Not online
Procurement	KLSL Consulting, LLC	Temporary Staffing	\$	1,618,558	\$	-	1 yr	Competitively	Tim Fitzgerald	New Award	DC Water Operating	Not online
Procurement	Colonial Chemicals	Methnol	\$	7,000,000	\$	-	3 yr	Competitively	Nicholas Passarelli	New Award	DC Water Operating	Not online
Procurement	Alan Tye & Associates, LLC	Sixteen Vehicle Lifts	\$	1,426,785	\$	-	2 yr	Competitively	Len Benson	New Award	DC Water Capital	Not online
Procurement	Dynamic Concepts	Underground Utility	\$	2,500,000	\$	-	3 yr	Competitively	Jason Hughes	New Award	DC Water Operating	Not online
Procurement	Carter & Carter	Liquid Ferric Chloride	\$	16,206,775	\$	16,206,775	5 yr	Competitively	Nicholas Passarelli	Satisfactory	DC Water Operating	Not online
Procurement	Verizon Wireless & Verizon, Inc.	Telecommunication Services	\$	1,762,500	\$	-	1 yr	Competitively	Joe Taylor	Satisfactory	DC Water Operating	Not online
Procurement	Clean Team Janitorial Services	Janitorial Services	\$	1,738,820	\$	1,061,495	2 yr	Competitively	Forrest Ricketts	Satisfactory	DC Water Operating	Not online
Procurement	Nutriblend	Biosolids Management	\$	4,398,644	\$	1,879,222	2 yr	Competitively	Chris Peot	Satisfactory	DC Water Operating	Not online
Procurement	Bank of America	Merchant Credit/Debit Card	\$	3,630,530	\$	720,000	2 yr	Competitively	Henok Getahun	Satisfactory	DC Water Operating	Not online
Procurement	Kaiser Foundation Health Plan of the Mid-Atlantic States	Health Maintenance Organization	\$	5,342,800	\$	-	1 yr	Competitively	Ronald Lewis	New Award	DC Water Operating	Not online
Procurement	Utility Metering Solutions	Installation of Water Meter Rehabilitation Program	\$	1,919,598	\$	-	1 yr	Competitively	Sheena Robinson	New Award	DC Water Capital	Not online
Procurement	Applications Software Technology	System Integration service for new Oracle Enterprise Resource Planning Software	\$	9,698,930	\$	790,312	2 yr	Competitively	Nana Kwame	New Award	DC Water Capital	Not online
Procurement	Kuehne Chemical	Sodium Hypochlorite	\$	18,281,200	\$	15,398,121	4 yr	Competitively	Nicholas Passarelli	Satisfactory	DC Water Operating	Not online
Procurement	PVS Technologies	Sodium Bisulfite	\$	2,042,500	\$	2,042,500	2 yr	Competitively	Nicholas Passarelli	Satisfactory	DC Water Operating	Not online
Procurement	Polydyne	Belt Press	\$	1,781,700	\$	1,636,318	1 yr	Competitively	Nicholas Passarelli	Satisfactory	DC Water Operating	Not online
Procurement	Polydyne	Dry Pre-dewatering Polymer	\$	1,384,900	\$	-	1 yr	Competitively	Nicholas Passarelli	New Award	DC Water Operating	Not online
Procurement	Nichem Company	Replacement of Odor Control Media	\$	1,384,657	\$	1,135,922	3 yr	Competitively	Eyasu Yilma	Satisfactory	DC Water Operating	Not online
Procurement	ADP Consultants	Replace roof at DSLF Building	\$	1,108,322	\$	-	1 yr	Competitively	Martin Perez	New Award	DC Water Capital	Not online
Procurement	RSM US LLP	Internal Audit Services	\$	1,460,000	\$	-	1 yr	Competitively	Tera Fong	New Award	DC Water Operating	Not online
Procurement	Blue Drop	Sales and Marketing Services	\$	1,367,000	\$	1,307,555	2 yr	Non-Competitively	Elaine Wilson	Satisfactory	DC Water Operating	Not online
Procurement	Oracle America, Inc.	Primavera P6 and Unifier Software Subscription Services	\$	1,656,518	\$	-	5 yr	Competitively	Craig Fricke	New Award	DC Water Operating	Not online

Studies/Reports done in 2019

Report Name

Blue Plains Filter Influent Channel Concrete Testing Final Report

Arc Flash Studies for the following sites:

- a. Belt Road Metering Site
- b. River Debris Removal Facility
- c. Indian Head Rd. and Audrey Lane Metering Site
- d. Nebraska & Indian Lane Pressure Transmitter
- e. Outfall Gate
- f. Anacostia Elevated Tank No.2
- g. Original Old Poplar Point Pumping Station
- h. Poplar Point Pumping Station
- i. Suitland Parkway Metering Site

Draft Wastewater Flow Forecast Methodology Assessment for Metropolitan Washington Council of Governments (MW COG).

Historical Average Daily Wastewater Constituent Loadings to the Blue Plains AWTP 2006-2017

Documentation of current business processes in the Department of Permit Operations and
Recommendations for Short-term Improvements to DC Water Permit Operations' Business Processes
Grit Chamber Effluent Conduits and Excess Flow Chlorine Contact Tank
Video Inspection Summary of Findings and Next Steps

Limited Indoor Air Quality and Moisture Investigation at the Central Maintenance Facility at Blue Plains.

Preliminary Design and Concept Finalization Report for Headworks Electrical Systems at Blue Plains.

Process Service Water Piping Vulnerability Memorandum

Geotechnical Data Report for Blue Plains Floodwall Segment C

Assessment of Site Runoff Pump Stations #3 and #5 Operation.

2019 Test Report for Visible Emissions Testing

Hydrogen Sulfide (H₂S) Engineering Emissions Evaluation Testing GSLS-1 and the GSLS-2 Packed Bed Tower Scrubbers at Blue Plains AWTP

Power Monitoring Assessment Report

Investigation of the East Primary Sedimentation Area Slab Deterioration and Settlement

Dechlorination Building Fume and Ventilation Issues Report

Plantwide Process Model Development and Documentation Technical Memorandum

Wetlands and Waters Delineation Report
Blue Plains AWTP Floodwall – Segment C Project

Purpose	Date
<p>Results of testing of the concrete in the filter influent channel provides information on the structural integrity of the channel, which is used to plan the extent and timing of investment in the plant infrastructure to maintain levels of service throughout the planning period.</p>	7/17/2019
<p>These studies comply with NFPA 70E - Standard for Electrical Safety in the Workplace. The Arc-Flash Hazard Assessment is an integral part of DC Water's Electrical Safety Program. The Arc-Flash Hazard Assessment was previously completed for the Blue Plains AWTP and several other sites.</p>	<div style="border: 1px solid black; padding: 5px;"> <ul style="list-style-type: none"> a. 10/19/2018 b. 10/25/2018 c. 11/1/2018 d. 11/9/2018 e. 11/16/2018 f. 3/14/2019 g. 3/12/2019 h. 5/23/2019 i. 7/2/2019 </div>
<p>This assessment, conducted every 5 years, establishes base year flows for predicting future wastewater flows by the entities under the Intermunicipal Agreement (IMA) that contribute flow to Blue Plains Area. This year, validation of methodology was included in the assessment. These assessments are valuable to understand when the Blue Plains' treatment demand is approaching its capacity.</p>	11/21/2019
<p>A review of influent loadings contributes to the understanding of Blue Plains predicted demand as it related to its treatment capacity.</p>	11/1/2019
<p>Implementation of the recommendations are intended to respond to findings of an RSM audit.</p>	11/25/19
<p>These visual inspections provided data to indicate the urgency of the planned capital project to improve the deteriorated concrete structures.</p>	12/17/2019
<p>An investigation was performed after a roof leak in the Central Maintenance Facility to ensure a safe working environment.</p>	6/28/2019
<p>This report provided the information required to design upgrades for a planned capital improvement project required to ensure a safe working environment, continued permit compliance and extend the life of critical assets subject to a harsh environment.</p>	7/31/2019

<p>This report identifies high priority upgrades to the process service water piping, which is a critical system at Blue Plains AWTP.</p>	<p>6/27/2019</p>
<p>Geotechnical data will be used to inform the design of Segment C of the Floodwall at Blue Plains.</p>	<p>4/12/2019</p>
<p>This report included recommendations to improve resiliency to significant rain events at Blue Plains.</p>	<p>4/5/2019</p>
<p>Emissions testing of DC Water's emergency flares for digester gas at Blue Plains is a condition of it's permit to construct.</p>	<p>3/29/2019</p>
<p>Emissions evaluation testing was performed to assess the hydrogen sulfide removal efficiency of the odor control scrubbers at the grit and screenings loading stations (GSLs-1 and GSLs-2) at Blue Plains.</p>	<p>2/22/2019</p>
<p>The electrical power monitoring report provides an assessment of the current condition of power monitoring at Blue Plains and provides a road map to the future condition to improve reliability, safety and predictability of the electrical power system at Blue Plains.</p>	<p>2/15/2019</p>
<p>This report investigates reported settlement around the East Primary Sedimentation Basins and concludes that there are not significant structural issues.</p>	<p>2/22/2019</p>
<p>This report recommends modifications to the ventilation system at the Dechlorination Building at Blue Plains to improve worker safety.</p>	<p>2/22/2019</p>
<p>Process modeling is used as a design tool for infrastructure upgrades to the Blue Plains Advanced Wastewater Treatment Plant (AWTP) and for estimating the potential impact of process changes on final effluent quality, solids production and chemical requirements. This technical memorandum provides guidance on the use of process modeling for Blue Plains current as of February 2019.</p>	<p>2/5/2019</p>
<p>The Wetlands and Waters Delineation Report provides information to the U.S. Army Corps of Engineers to determine their role in the construction of Segment C of the Blue Plains Floodwall.</p>	<p>1/23/2019</p>

Date	Conference	Primary Author
Jul-19	ASCE Pipeline Conference	Steve Bian
Sep-19	Society of Maintenance and Reliability Professionals	Jaime Alba
Aug-19	TRI-CON DC-MD-DE	Gian Cossa
Aug-19	TRI-CON DC-MD-DE	Chanda Albrittain
Aug-19	TRI-CON DC-MD-DE	Gregory Stephens
Aug-19	TRI-CON DC-MD-DE	Christopher Cusic
Aug-19	TRI-CON DC-MD-DE	Gert Van der Walt
Aug-19	TRI-CON DC-MD-DE	Steve Bian
Aug-19	TRI-CON DC-MD-DE	Kai Loon Chen
Aug-19	TRI-CON DC-MD-DE	Garrett Stillings
Aug-19	TRI-CON DC-MD-DE	Eyasu Yilma
Aug-19	TRI-CON DC-MD-DE	Jason Garz
Aug-19	TRI-CON DC-MD-DE	Monique Mirabeau
Aug-19	TRI-CON DC-MD-DE	Ella Garcia
Aug-19	TRI-CON DC-MD-DE	Rizwan Elahi
Aug-19	TRI-CON DC-MD-DE	Rizwan Elahi
Aug-19	TRI-CON DC-MD-DE	Srinivasa Gadiparthi
Aug-19	TRI-CON DC-MD-DE	Gert van der Walt
Aug-19	TRI-CON DC-MD-DE	Srinivasa Gadiparthi
Oct-19	WEFTEC 2019	Salil Kharkar
Oct-19	WEFTEC 2019	Jaime Alba
Oct-19	WEFTEC 2019	Laura Knox
Oct-19	WEFTEC 2019	Theresa Bruton
Oct-19	WEFTEC 2019	David Gisborn
Dec-19	Internation Maintenance Conference	Salil Kharkar

Title	Topic Area
DC Water New Jersey B Street 12 to 18 Foot Diameter Trunk Sewer Geopolymer Rehabilitation During Live Dry Weather Flow	Sewer Rehab
The Role of Commissioning in Growing Equipment Old and in Good Shape	Maintenance
Big Data, Big Analytics, and Big Decisions	Asset Management Operations
True Grit: Retribution in the Wild West Grit Chamber at DC Water's Blue Plains Advanced Wastewater Treatment Plant	Asset Management
The RCM Road to Salvation	Operations
Starting of the DEMON	Planning
A Tiered Criticality Approach – Developing A Rehabilitation Plan Using InfoMaster	Planning
Pipeline Resiliency to survive L.I.D – an endurance test by design?	Lead Program
Flushing of Premise Plumbing After Full Lead Service Line Replacements: Field Studies in Washington, D. C.	Water Distribution
Investigating water quality and microbiological parameters related to the DC Water free chlorine disinfection period	Sewer
Long Term Corrosion Prevention Program	Water Distribution
Cranking up the pressure in DC - Lessons learned from starting up a new pressure zone in DC	Operations
Flow By Night – Keep a SCADA Outage from Shutting Down your System	Planning
Hey, Wait a Minute – Before You Go Can We Write That Down ...Creating a SOP	Planning
Real-Time Hydraulic Modeling at DC Water	Planning Planning
DC Water's Next Top Model – Hydraulic Model Calibration	Planning
Sewer Sleuthing of the Oxon Run Interceptor to Remediate a Significant Overflow	Planning
A Tiered Criticality Approach – Developing a Rehabilitation Plan Using InfoMaster	Planning
Reaching Across the Aisle to Address Basement Backups & Street Flooding in our Nation's Capital	Planning
IIOT as a Utility Management Tool	Management/Technology
The Role of Commissioning in Growing Equipment Old and in Good Shape	Maintenance
Better than New – Making Changes to DC Water's Scum Pumps and Grit Pumps for Improved Performance, Longer Equipment Life and Reduced Maintenance Costs	Maintenance
Getting Out of the Hot Spot: Thermal Hydrolysis Pumping Improvements for Reduced Maintenance Cost and Improved Reliability	Asset Management
When things get slippery – Overhauling DC Water's lubrication program	Asset Management
Organizational Changes as a Reliability Process	Management/Technology

Greasing the Wheels of Knowledge: Improving DC Waters Asset Management
lubrication program