

Town of Rock Hall, Maryland



Request for Proposals **Water Meters and Advanced Metering Infrastructure**

Deadline for Submission:
August 28, 2020

Prepared By:

GMB

GEORGE, MILES & BUHR, LLC

ARCHITECTS/ENGINEERS

206 WEST MAIN STREET
SALISBURY, MD 21801
410.742.3115

SALISBURY/BALTIMORE/SEAFORD

GMB Project No. 200035

**Town of Rock Hall
5585 Main Street
PO Box 367
Rock Hall, Maryland 21661
(410) 639-7611 (P)
(410) 639-7298 (F)**

LEGAL NOTICE

**REQUEST FOR PROPOSALS
for
Water Meters and Advanced Metering Infrastructure**

The Town of Rock Hall, hereafter called (“Town” or “Rock Hall”), is soliciting this Request for Proposals (“RFP”) from qualified Vendors (“Proposers”) to furnish electronic water meters and Advanced Metering Infrastructure (“AMI”) and provide replacement composite meter pit lids and a GPS instrument for the Town’s use in accordance with specifications and requirements outlined in this RFP. It is planned that the Town will install all new meters and composite lids.

Proposals must follow the scope and form of this RFP, and details may be obtained from the Town Hall. Incomplete proposals or those that do not address specific requirements or provide required information will be rejected. Proposals received after the due date will not be considered. Proposers accept all risks of late delivery of mailed submittals regardless of fault.

One (1) original and four (4) copies, plus an electronic copy of the proposal on Flash Drive must be submitted in a sealed envelope by the August 28, 2020 deadline.

Detailed documents can be found at www.rockhallmd.com/town-hall.

Robert Resele
Town Manager, Town of Rock Hall
rresele@rockhallmd.gov

This project is funded through a Water Supply Grant and Drinking Water State Revolving Loan from MDE. The American Iron & Steel (AIS) requirements apply to this project.

Minority, Women-owned, and Small Business Enterprises are encouraged to participate and submit proposals for this project and associated work. The Town of Rock Hall is an Equal Opportunity Employer. No person shall, on the grounds of race, color, national origin, or sex, as provided by Title VI of the Civil Rights Act of 1964, be excluded from participation in, be denied the benefits of, or be otherwise discriminated against under any of its federally funded programs or activities.

TABLE OF CONTENTS

1.0 – INVITATION TO SUBMIT PROPOSALS	4
2.0 – INTRODUCTION AND BACKGROUND	5
2.1 – Town Background	5
2.2 – Service Territory	5
2.3 – Project Implementation	6
2.4 – Instruction to Vendors	6
2.5 – Preparation of Proposals	6
2.6 – System Evaluation and Scoring	7
3.0 – AMI MODULE TECHNICAL SPECIFICATIONS	8
3.1 – Water AMI Module Requirements	8
4.0 – AMI NETWORK TECHNICAL SPECIFICATIONS	9
4.1 – Gateway Data Collectors	9
4.2 – Head End (Hosted) Software and User Interface	10
4.3 – Head End (Non-Hosted) Hardware and Software	11
4.4 – User Interface (Homeowner Access)	11
4.5 – Server Head End Hardware	12
5.0 – TRAINING AND IMPLEMENTATION	12
6.0 – WATER METER SPECIFICATIONS	12
6.1 – General Meter Requirements	12
6.2 – Meter Registers	14
6.3 – Small (3/4” to 2”) Water Meters	15
6.4 – Compound Meters	16
6.5 – Turbine Meters	16
7.0 – COMPOSITE METER PIT LID SPECIFICATION	16
8.0 – GPS INSTRUMENT	17
9.0 – WARRANTY	17
ATTACHMENT A: PRICE SCHEDULE	18
ATTACHMENT B: COMPLIANCE TABLE FOR RFP TECHNICAL SPECIFICATION 3.0 – 7.0	20
ATTACHMENT C: MDE STATE REVOLVING FUND DOCUMENTS	(Insert)
ATTACHMENT D: TOWN OF ROCK HALL WATER SERVICE AREA MAP	(Insert)
ATTACHMENT E: TOWN OF ROCK HALL WATER METER MASTER LIST	(Insert)

1.0 – INVITATION TO SUBMIT PROPOSALS

Sealed proposals are requested and will be received by the Town of Rock Hall (“Town”), for **“Furnishing an Advanced Metering Infrastructure System.”** Sealed proposals will be accepted at the Town Hall on August 28, 2020 until 10:00 a.m., local time. Proposals received after this time will be returned unopened. One (1) original and four (4) copies of the proposal, plus an electronic copy on Flash Drive must be submitted in a sealed envelope by the deadline.

Each proposal shall be submitted in a sealed envelope addressed to Town of Rock Hall, 5585 Main Street, PO Box 367, Rock Hall, Maryland 21661, Attention: Robert Resele, Town Manager, rresele@rockhallmd.gov, and clearly marked **“RFP for Advanced Metering Infrastructure System.”**

The Town reserves the right to reject any or all proposals and to award a contract to any Vendor deemed to be in the best interests of the Town.

All requests for information, clarification, or related inquiries shall be submitted via email to Robert Resele, Town Manager, rresele@rockhallmd.gov, no later than one (1) week prior to the proposed RFP opening date. Requests received after this date will go unanswered. All answers and clarifications shall be shared with all Vendors.

Proposed RFP Schedule:

Date	Milestone
July 21, 2020	RFP Notice advertised and Distribution to Potential Vendors
August 10, 2020	Pre-Proposal Meeting - 10:00 AM - Rock Hall Town Office
August 21, 2020	Inquiries and Requests for Information - Final Day
August 28, 2020	RFP Responses Due by 10:00 AM Local Time - RH Town Office
TBD	Contract Awarded
TBD	Notice to Proceed
TBD	Project Completion

It is the Town’s intent to provide an open specification that is not so detailed that it limits potential new AMI solutions available to the Town. The Town values new technology and the ability to expand upon the initial AMI solution it selects. As a result, the Town has purposefully provided a general specification that encourages system providers to propose the strengths of the system they offer while still accommodating specific system requirements of the Town. In the interest of brevity and readability, Vendor responses required for Exceptions and Alternate in Section 3 Technical Specifications should be minimal, with attached data sheets and documentation providing specific technical detail.

2.0 – INTRODUCTION AND BACKGROUND

The Town is soliciting proposals for an Advanced Metering Infrastructure (AMI) in order to improve the process of collecting monthly water Town meter data and subsequent billing in order to enhance the level of service offered to its customers.

The Town's mission is to provide the most economical and reliable service available to its customers. The Town expects that the AMI system will serve as a vital tool for achieving its vision as it moves forward. The AMI system is expected to provide information technology which will:

- Provide the Town customers with messages and timely water utility information in the home or business, thereby empowering the Town's residents and businesses to control water usage, costs, and advance "green" initiatives.
- Significantly enhance service to Town customers, including improved billing accuracy, faster customer response and more efficient customer service, on-demand move-in / move-out remote meter reads and improved reliability.
- Improve the Town's operational efficiency and reduce costs through reliable interval data from water meter reads for right-sizing programs, prompt notification of leaks, tampering, and theft.
- Help the Town achieve its goal of efficiency and concern for the environment by providing the infrastructure to support the Town in its programs to involve customers in helping consumption on resources as the City grows, and do so in an environmentally friendly way.

The successful Vendor will be selected using the criteria set forth in this RFP based on the ability to meet the Town's vision for the future.

2.1 – Town Background

The Town serves a population of approximately 1,400 located in Kent County, Maryland. The Town provides the following services to the community: police, public works, parks, water, wastewater, stormwater, economic development, planning, summer tram services, code enforcement, engineering (under contract), and general administration. The Town operates on a one-year budget from July 1st to June 30th.

The Town utilizes water services with approximately 986 water meters. Presently, the water meters are Neptune residential positive displacement style and are manually read.

2.2 – Service Territory

The Rock Hall Water Treatment Plant serves the Rock Hall and Gratitude area and the Edesville and Wesley Chapel Corridor County service areas. Three water towers are located within these service areas. A map of the approximate 2.0 square mile service area is included as Attachment D.

The water system is permitted for an average daily flow of 230,000 gpd with a maximum daily average of 300,000 gpd during the month of highest use. The highest average daily flow for 2017

was 168,000 gpd. In 2008, the Town extended an 8-inch diameter water main to provide service to the County's Edesville area. In 2016, the Town upgraded its water treatment plant. The upgrade included a new clarifier, new generator, and new chemical pumps. In 2017, a replacement well was drilled for the Town.

See Attachment E for a complete list of meters, sizes, and meter pit lid size and shape, with the service location, including street, city, and zip code.

2.3 – Project Implementation

Immediately upon receipt of Notice to Proceed, the Vendor shall develop and submit a critical path schedule. This schedule shall reflect the work authorized by the Town under the schemes described herein. This schedule must be approved by the Town prior to the commencement of work. The mutually agreed upon critical path schedule will become an integral part of the contract and will be used to assess contract performance and measure progress. It may also be used to declare the Vendor in default of the contract.

In the event a mutually agreeable schedule cannot be produced, the contract shall become null and void.

2.4 – Instruction to Vendors

THE GENERAL TERMS AND CONDITIONS WHICH FOLLOW APPLY TO ALL PURCHASES AND SERVICES AND BECOME A DEFINITE PART OF EACH FORMAL INVITATION TO PROPOSE, PURCHASE ORDER, OR CONTRACT ISSUED BY TOWN, UNLESS OTHERWISE SPECIFIED. BY SUBMITTING A PROPOSAL, THE VENDOR AGREES TO BE BOUND BY THESE TERMS AND CONDITIONS. VENDORS OR THEIR AUTHORIZED REPRESENTATIVES ARE EXPECTED TO FULLY INFORM THEMSELVES OF THE CONDITIONS, REQUIREMENTS, AND SPECIFICATIONS BEFORE SUBMITTING PROPOSALS. FAILURE TO DO SO WILL BE AT THE VENDORS OWN RISK AND WILL NOT SECURE RELIEF ON THE PLEA OF ERROR.

2.5 – Preparation of Proposals

Each Vendor shall submit its sealed proposal on the proposal forms provided. The proposal shall be executed properly, and all writing shall be ink or typewritten, except the signature of the Vendor, which shall be written in ink.

The Vendor shall specify in figures, in the places provided, a price for each of the separate items called for in the proposal forms.

Vendors are requested to submit their proposals directly to the Town in a properly sealed envelope. If the Vendor is a corporation, the legal name of the corporation, the state of incorporation and the business address shall be set forth together with signature of the officer or officers authorized to sign contracts on behalf of the corporation. The corporate seal shall also be affixed. If the Vendor is a partnership, the true name and address of the firm shall be set forth together with the signatures of authorized partners. If the Vendor is an individual, the signature and address shall be inscribed. If the signature is by an agent other than an officer of the corporation or member of the partnership, a power of attorney must be submitted with the proposal; otherwise, the proposal may be rejected. All names must be printed below the signature.

The Town requests that Vendor shall provide one (1) original signed copy and four (4) copies of their response, plus an electronic copy on Flash Drive organized in a fashion outlined below to conserve natural resources and demonstrate an ongoing commitment to sustainability.

Table of Contents:

- Section 1: Executive Summary
 - Include company contact name, address, e-mail, and phone number
- Section 2: Technology Solution Overview
- Section 3: Compliance Table for RFP Technical Specification 3.0 – 7.0
 - Answers are to be in the form:
 - Comply
 - Alternate - Include explanation
 - Exception - Include explanation
 - Use the attached compliance form
 - All responses to sections 3.0 through 7.0 should be answered as Compliant or as Alternate or Exception with a short explanation as to why the Vendor's system cannot provide what has been specified by the Town.
- Section 4: System Pricing
- Section 5: Bidder's Financial Information
- Appendix A: Client Reference List

The Vendor's system shall meet the technical requirements outlined in this RFP.

Responses shall contain an explicit comply/exception assessment of whether your system meets each requirement and, whenever necessary, description of compliance to each point. If your system or any part of the system fails to meet any of the following requirements, explain the reasoning that substantiates why the variation from these requirements is not critical.

2.6 – System Evaluation and Scoring

Proposals will be evaluated on the best probability of the Vendor meeting the Town's objectives outlined in this request. The evaluation will be based on the system benefits and the Vendor's qualifications. The Vendor's response will be used to select a short list of candidates for presentations.

- AMI System Capabilities 10 points
- Compliance to the RFP technical Specifications 10 points
- AMI System Software 10 points
- Vendor History 10 points
- Training and ease of use 10 points
- Cost 50 points

3.0 – AMI MODULE TECHNICAL SPECIFICATIONS

3.1 – Water AMI Module Requirements

- 3.1.1 The AMI Water Module shall be capable of receiving meter data from new water meters equipped with encoder registers. Pulsing register technology shall not be utilized.
- 3.1.2 AMI Modules meters/service and other related endpoint devices shall be capable of being configured to communicate with the Gateway Collectors via a Mesh and Star topographical engineered network solution.
- 3.1.3 Communicate using unlicensed 900 MHz band, certified to comply with FCC Part 15 rules, utilizing frequency hopping data transmissions.
- 3.1.4 The AMI Module shall be designed and built for installation in outdoor water meter boxes as well as above ground mounted discretely on a wall to limit required inventory for various installations.
- 3.1.5 Water endpoint devices shall be housed in a single package design designed for rugged, harsh environments and capable of complete submersion in water without damage.
- 3.1.6 The AMI Module must function accurately and not be damaged over an operating temperature range of -40 deg C to +70 deg C.
- 3.1.7 The AMI Modules shall be designed to operate in the above conditions and have a battery life of twenty (20) years.
- 3.1.8 Battery life data shall be transmitted to the Host System alerting of low battery levels for preemptive maintenance.
- 3.1.9 Each AMI Module shall function as a true two-way network gateway and allow for an engineered Mesh Network configuration with a primary route to the collector and up to three (3) alternate routes that are automated if communication is interrupted to the primary routing.
- 3.1.10 Water AMI Modules shall be capable of communicating with electric meters and other AMI Modules and vice versa in the network.
- 3.1.11 The AMI Module shall be capable of storing meter data including date and time stamps down to five (5) minute intervals for a minimum of 45 days in non-volatile memory.
- 3.1.12 The AMI Module shall have true two-way communication on-demand from the Host Software. This shall allow for obtaining real-time data upon request.
- 3.1.13 Systems that communicate one and a half-way to the collector or update to the collector 1 to 6 times a day in multi-hour intervals are not acceptable.
- 3.1.14 The AMI Module shall have the capability to receive and process commands from the host system for all firmware updates to eliminate the need to manually perform the update function at each locale. AMI modules must support group firmware updates to reduce system maintenance time.

- 3.1.15 The AMI Module shall be capable of listening for Mobile AMR modules in the network a minimum of once a day and reporting consumption and alarm data to the host system.
- 3.1.16 The AMI Module shall employ actionable alerts; indicate compliance with each below.
- Tamper Alert or Meter disconnected
 - Bad Read - ? or – marks
 - Small Leak Detected
 - Large Leak Detected
 - No Flow detected – Specific period of time set in the host software
 - Reverse Flow / Backflow
 - High Flow Rate Detected – Specifics set in host software
 - Battery Health
- 3.1.17 Each AMI Module's clock date and time settings shall be updated to match reference date & time that shall be regularly provided to the meter via the Host Server.
- 3.1.18 Ability to use a hand-held device to upload data in the unit's memory.

4.0 – AMI NETWORK TECHNICAL SPECIFICATIONS

4.1 – Gateway Data Collectors

- 4.1.1 The Gateway data collectors shall be an AC or solar powered unit with optional battery backup, which communicates in the unlicensed 900 MHz range with all the AMI Modules in its assigned area.
- 4.1.2 The collector shall communicate via a universal wide area network (WAN) connection, such as GSM/GPRS cellular, Ethernet or fiber to allow communication with the Host Server Software.
- 4.1.3 The Gateway data collectors shall collect and aggregate the stored meter data from all the AMI Modules in its zone a minimum of once per day and upload the information to the Host server a minimum of once per day providing interval reads from each AMI Module as programmed.
- 4.1.4 The Gateway data collectors shall communicate on demand to AMI Modules meters/service and other related endpoint devices via Mesh or Star configuration.
- 4.1.5 The Gateway data collectors shall allow self-diagnosis of any problems associated with the back haul of the communication system and the ability to automatically seek an alternate communication path if initial daily or real-time upload is unsuccessful.
- 4.1.6 The Gateway data collectors shall use RC4 state-of-art data security techniques to prevent unauthorized access to the data.
- 4.1.7 The ability to time synchronize all devices to within 5 seconds once per day and allow daily upload of meter data and system health checks is required.
- 4.1.8 The Gateway data collector shall allow remote firmware and software upgrades.

- 4.1.9 The Gateway data collector shall utilize an outdoor NEMA4 enclosure, rated for -40C to +85C, with remote antenna capability, which can be pole or wall mounted.

4.2 – Head End (Hosted) Software and User Interface

- 4.2.1 The Host Server shall act as the central collection point for the data within the system. The server collects data from all of the Gateway Collectors and stores the gathered data in a secure database. Once data is stored and analyzed on the server, the data shall be available for display via an easy to use web based graphical interface.
- 4.2.2 The Vendor shall provide a managed hosting service, where the Vendor shall own and manage the server hardware and software including monitoring to ensure the server continues to work effectively, provides backup services, installation of security patches and various levels of technical support. The Vendor hosted solution shall utilize a secure web-based application.
- 4.2.3 As an alternate to hosting services, the Vendor shall offer a Perpetual License for the Host Software. The Host Software solution shall utilize a secure web-based application user interface.
- 4.2.4 The data will be available via a user interface that will allow for analysis, as well as bill generation.
- 4.2.5 The Host Software server shall manage and archive data for two year such that it can be accessed by any Town computers, handheld devices both locally and remotely via the web.
- 4.2.6 The Host system software must be web browser-based and shall have defined applications with standard interfaces to allow for existing and planned software applications.
- 4.2.7 The Host Software must have flexible meter reading data formats that are compatible with the Utilities current billing application
- 4.2.8 The Host Software shall be used to generate reports; view demand graphs, determine usage patterns and enforce watering restrictions.
- 4.2.9 Using information from alerts uploaded in the data, the Host Software shall have the ability to generate specific e-mail alerts or SMS messages for each status code, configured by the User Interface.
- 4.2.10 Each AMI Module generated alert shall be accompanied by a duration the alert has been active for, which shall be stored and optionally sent out by the server.
- 4.2.11 The Host Software shall include a GIS tool for network routing from Gateway Data Collectors to AMI Modules.
- 4.2.12 The GIS tool shall have icons that permit viewing system health of the star/mesh system components.

- 4.2.13 Routing distances from Gateway Data Collector to AMI Modules shall be part of the GIS tool.
- 4.2.14 The GIS tool shall allow monitoring of performance and loading on the Town's infrastructure with the ability to display this information on GIS maps.
- 4.2.15 The GIS tool shall be capable of remotely reprogramming Gateway Data Collectors, Water Meter AMI Modules.
- 4.2.16 The User Interface shall permit the sending of alert outages, tampering, out-of-bounds system operating parameters to appropriate Town personnel via cell phone, pager, or e-mail.
- 4.2.17 The User Interface shall allow the Town to correlate consumption with meteorological data available on the user interface.

4.3 – Head End (Non-Hosted) Hardware and Software

- 4.3.1 Provide detailed specifications of all the computer hardware needed for a complete and working system stand-alone system. In addition to the production system, Proposer shall also provide a development environment on which to test and configure system software changes. (Include the separate cost, if any, of the non-production system in the pricing proposal.)
- 4.3.2 Provide minimum and recommended hardware/software and operating system requirements as well as any third-party software required.
- 4.3.3 List any other proposed system environmental requirements (i.e. climate control, power requirements, surge protection, system backup, emergency power backup, LAN, network, etc.) Required servers, network switches, hubs or additional infrastructure changes must be proposed. Describe the proposed system architecture. Indicate which components can run in a virtual environment. All estimated costs must be reflected in the cost proposal.
- 4.3.4 Describe proposed measures (e.g., uninterruptible power supply, fail-over to backup system, etc.) to ensure the constant availability of the system's data.

4.4 – User Interface (Homeowner Access)

- 4.4.1 The Vendor shall offer a secure web-based application for homeowner access to consumption data.
- 4.4.2 The homeowner shall have access to reports for yearly, monthly, and hourly data and be allowed to set parameters for email alerts when usage fails to meet the set parameters.
- 4.4.3 Consumption data shall be correlated with meteorological data.
- 4.4.4 Reports shall be available in graphical and table views for reading and consumption for various intervals.
- 4.4.5 Graphs shall be available to show high/low temperatures for each day and rainfall on a daily basis

4.5 – Server Head End Hardware

- 4.5.1 For Managed Hosting Solutions, the Host Server shall be an Intel and Windows based Microsoft SQL server managed by the Vendor in a secure location and monitored by the system provider.
- 4.5.2 The Host Server shall be accessible with a secure Town or customer log in and password to view the system data from any web enabled device.
- 4.5.3 For Perpetual License Solutions, the Vendor shall provide to the Town a Windows based Microsoft SQL server.

5.0 – TRAINING AND IMPLEMENTATION

- 5.0.1 The Vendor shall be responsible for supplying and delivering the AMI System components complete, including training, and ensuring the proposed AMI system is operational prior to full deployment. This includes support for the development of an interface to the Town billing system and functional testing of the system.
- 5.0.2 The Vendor shall provide Town staff with assistance to ensure proper installation of the new meters and provide a Standard Operating Procedure (SOP) in order to execute the installation. SOP may also include pressure and flow testing of the laterals prior to, and upon installation of the meter in order to determine whether lateral flow is compromised. Forms shall be provided to record new meter ID numbers and other pertinent information, ending volume of existing meter, starting volume of new meter, and pressure flow/data of lateral test.
- 5.0.3 The Vendor shall have a proven program of professional project management to ensure successful system installation. Provide resumes for key managers involved.
- 5.0.4 Project managers shall be experienced in managing the design, installation, and optimization of systems. Project management experience shall include system integration and training support.
- 5.0.5 Provide a proposed implementation schedule for a system such as that proposed here.

6.0 – WATER METER SPECIFICATIONS

6.1 – General Meter Requirements

- 6.1.1 The Town expects the manufacturer of meters submitted as part of the proposal to submit its meters to a vigorous quality control and testing procedure before shipping. If any shipment of meters exceeds a 0.5% failure rate, or if a manufacturer's meters exceed a 0.35% failure rate in aggregate, the Town reserves the right, in addition to any legal remedies, to default the contract for a certain size meter or for all sizes of meters, and require the Proposer to obtain meters from another manufacturer.
- 6.1.2 Meters shall be new, of the latest production model, with the latest standard equipment and register firmware (if applicable), including items specified.

- 6.1.3 The following documents of the issue in effect on the date of this RFP, form a part of these requirements to the extent specified herein:
- American National Standards Institute (ANSI) B1.20.1 “Pipe Threads”
 - ANSI B 16.1 “Cast Iron Flanges”
 - AWWA C700 or C715 series, as applicable
- 6.1.4 All meters must conform to NSF 61 standard. In accordance with Code of Maryland regulations (COMAR) 26.04.01.33, Direct and Indirect Additives, suppliers of water shall only use products (any materials that come in contact with water intended for use in public water supply) that meet the applicable American National Standards Institute / NSF International (ANSI / NSF) standards for direct or indirect drinking water additives. The products can also be certified by an organization accredited by the ANSI for such testing (i.e., International Association of Plumbing and Mechanical Officials Research and Testing, Ontario CA, Underwriters Laboratory, Northbrook IL, and Water Quality Association, Lisle IL).
- 6.1.5 All meters and fittings shall be of Lead-free materials. In compliance with COMAR 09.20.01.03 and the Safe Drinking Water Act (Section 1417(a)(4)(8), materials that come in contact with water intended for use in public water supply shall comply with the Reduction of Lead in Drinking Water Act, which went into effect in Maryland in January 2012.
- 6.1.6 Meter manufacturer shall furnish, at no cost, within ninety (90) days from the date of Notice to Proceed, all specialty tools required for meter maintenance, in reasonable quantities to be negotiated with the Town.
- 6.1.7 The manufacturer's serial number shall be stamped on the main case of all meters and shall be clearly visible when viewed from above. The serial number shall consist of all numeric digits. All meters shall have stamped or cast on them the size and model. The direction of the flow through the meter shall be properly indicated. The serial number should also be provided on two bar code labels attached to the meter, one of which shall be removed for transfer to a paper record. The Town prefers that the serial number include digits representing the year of manufacture.
- 6.1.8 A complete parts catalog and pricing sheets showing list prices and discounts from list, must be supplied with the proposal for all meter models incorporated in the proposal. For each item, the proposal must include the appropriate literature, data sheets, and specifications or direct the reader to on-line reference. All parts or interchangeable equivalent parts should be readily available from the meter manufacturer for a period of twenty (20) years from the date of purchase. Indicate the manufacturer’s policy for parts availability.
- 6.1.9 Individual containers (if applicable) shall be marked to identify contents and quantity. The Town desires that this information also be in the form of bar codes for scanning. Meter shipments shall be accompanied by a computer file of the meter serial numbers for Town’s database.
- 6.1.10 Proposer shall provide all manuals, diagrams, tolerance charts, exploded views with parts numbers, electronic diagrams, and any Safety Data Sheets (SDS) within thirty (30) days of the Notice to Proceed.

- 6.1.11 Meter and register should be equipped with drilled holes for the installation of a security seal and wire to secure register, plumbing connections, bottom plate and cabling. Split case meters shall have 3/32" seal wire holes through two (2) aligned case bolts or one (1) 3/32" seal wire hole through both halves of case.
- 6.1.12 All mechanical meters shall contain removable non-corrosive strainer screens.
- 6.1.13 All external case bolts, cap bolts, washers, and nuts shall be of sufficient strength for the purpose and must be of non-corrosive material designed for easy removal after long service.
- 6.1.14 Proposer must supply the necessary bolts, nuts, washers, and gaskets for all meters 1-1/2 through 4".
- 6.1.15 Proposer must supply the necessary couplings, threads, and unions for all meters 5/8"x3/4" and 1". Fittings shall be able to adapt to lengths of 5.5", 7.5", or 9" to fit within existing meter pit connections.
- 6.1.16 Manufacturer shall provide technical updates to the Town and changes of technical information within thirty (30) days of publication.
- 6.1.17 All meters of the same size or capability shall be manufactured so as to permit complete interchangeability of all parts (e.g., discs, pistons, chamber tops, chamber bottoms, registers, etc.).
- 6.1.18 All meter accuracy tests shall be conducted in accordance with AWWA test methods and meter standards. The manufacturer shall furnish to the Town an electronic copy of the test results for each meter shipped. Specific information contained within the test results shall include the manufacturer serial number, flow rates, results of each flow rate test, the size of the meters being tested, the model number, the date, and the tester. The Town also desires the test results be provided on a tag attached to the meter. Vendor shall indicate if test results obtained through the use of any register other than the actual register shipped with the meter.
- 6.1.19 Water meters that do not meet the requirements of this specification shall be rejected by the Town, removed by the manufacturer at its own expense and replaced within the delivery date specified.

6.2 – Meter Registers

- 6.2.1 All meters shall be equipped with dial-position or electronic encoder registers that conform to the latest AWWA standards except as amended herein.
- 6.2.2 The meter reading and other information must be readable without the need for any special equipment.
- 6.2.3 Meter registers should have a flip cap to prevent dirt from interfering with the visual inspection of the register, its ID number, its indicators, and other information.

- 6.2.4 Indicate the number of transmitted digits. Registers shall be capable of reporting not less than 10 gallon [or 1 cubic foot] increments through the reading system. The Town prefers 1 gallon [or 0.1 cubic foot] transmitted resolution for all meters less than 3.”
- 6.2.5 The meter register shall have a visible leak detector.
- 6.2.6 The register and wire connection shall be waterproof and corrosion proof. Meters shall be provided with waterproof connectors on a 5-foot three-conductor 18-gauge cable potted to the meter register. Longer cables up to 100 feet should be available on request for a separate charge.
- 6.2.7 The meter registers as well as the terminals or wire connections, must be tamper resistant. Indicate how this is accomplished.
- 6.2.8 Each encoder register shall have a unique identification number with a minimum of 8 digits that will be transmitted electronically when the meter is interrogated. For new meters, this number shall be the same as the number stamped into the meter base. This register number shall also be visually readable on the register display or the cap. The Town prefers that this number be permanently stamped into the cap. The register should be shipped with an attached bar code corresponding to the register number.
- 6.2.9 The register(s) on the meter shall be odometer-style or digital display, with at least six recording dial wheels or digits, the information from which is transmitted to the meter interface unit. Static or non-transmitting digits shall be a different color. A visual leak detector indicator shall be included on sizes 5/8" through 2" registers.
- 6.2.10 Indicate if meter uses a battery and whether or not battery can be changed to extend life of meter. Provide costs for this in the pricing proposal. If meter has a battery, indicate if low battery alarm can be transmitted through the AMI Module and how long is this alarm available before meter fails to fully function.
- 6.2.11 Proposer shall not restrict the information available from the meter/register/encoder. All information, including low battery alert, water temperature, leak or continuous flow, pressure, flow in excess of maximum, extended no usage, etc., that can be produced by the meter shall be made available to the Town and any meter reading technology of its choosing. Proposer shall provide documentation of the data output of the meter (fields, codes, etc.) sufficient to enable a third party to interpret the output.

6.3 – Small (3/4” to 2”) Water Meters

- 6.3.1 All Meters shall meet or exceed the latest version of the American Water Works Association Standard C-700 or C-715 for Cold Water Meters.
- 6.3.2 The Town prefers meters of either positive displacement or no moving part design. If proposing more than one type of meter, Proposer shall provide responses and prices for each type separately.
- 6.3.3 Indicate expected life of the meter. Indicate if register can be replaced separately from measurement assembly. Indicate if meter uses a battery and whether or not battery can be changed to extend life of meter. Provide costs for this in the pricing proposal.

- 6.3.4 The maximum pressure loss at safe maximum operating capacity shall be 10 psi.
- 6.3.5 All positive displacement meters shall have an outer case with a separate removable measuring chamber in which the disc or piston operates.
- 6.3.6 If a fully composite meter is proposed describe the approach to minimize the risk of cross threading. Connections shall be meter casing spuds having external straight threads conforming to ANSI B1.20.1. Couplings shall conform to NSF 61 and ASTM B-62 specifications.

6.4 – Compound Meters

- 6.4.1 All Meters shall meet or exceed the latest version of the American Water Works Association Standard C-702 for Cold Water Meters except amended herein.
- 6.4.2 Meters shall be designed for easy removal of all interior parts without disturbing any connections to the pipeline.
- 6.4.3 All meters shall be furnished with flanges on both ends. Flanges shall be of round type, faced and drilled, and shall conform to the American National Standards Institute case iron pipe flange, class 125, ANSI B16.1 for diameter, drilling and thickness. All companion flanges shall be tapped American Standard internal taper pipe thread, ANSI B2.1.
- 6.4.4 Meters shall be guaranteed to operate under a working pressure of 150 psi without leakage or damage to any part.
- 6.4.5 Strainers shall be either an integral part of the meter or a separate flanged casting and shall be easily accessible for cleaning. Strainers shall be rigid, easily removed, and have an effective straining area at least double that of the main meter case inlet.

6.5 – Turbine Meters

- 6.5.1 All meters shall conform to the latest AWWA Standards C-701 for Cold Water Turbine Type, except as amended herein. Indicate whether proposed meters are Class I or II.
- 6.5.2 All meters shall be furnished with round flanges on both ends. Oval flanges shall be furnished on 2" meters.
- 6.5.3 Strainers on 3" and 4" meters, where required to replace an existing strainer, shall be companion to meters and shall have all bronze cases, cover plates and screens. The external strainer screen shall have a minimum net opening area of two (2) times the pipe diameter and shall be made of stainless steel. All strainers must provide a plug at the bottom area for the draining off of debris.

7.0 – COMPOSITE METER PIT LID SPECIFICATION

- 7.0.1 Proposer shall provide composite (plastic) meter pit lids to fit existing meter pits at 1" or smaller meter locations or where meter pits for meters larger than 1" are plastic. New composite lids shall be by NICOR or approved equal.

- 7.0.2 Proposer shall provide sufficient numbers of varying sizes and shapes (i.e., round, square, rectangle, oval, and custom).
- 7.0.3 Meter lids shall be capable of incorporating any equipment necessary for proper and sufficient AMI Module communication.
- 7.0.4 The Town will provide labor to remove existing lids and install all new composite meter lids.

8.0 – GPS INSTRUMENT

- 8.0.1 Proposer shall provide a GPS instrument capable of interfacing with the Town's Public Works smart phone(s). The GPS instrument shall be a BAD ELF GNSS SURVEYOR (www.bad-elf.com) or approved equal.

9.0 – WARRANTY

- 9.0.1 Provide the warranties and any services, including additional costs, your firm will offer to ensure system functionality and availability of system components for fifteen (15) years. At a minimum, a 100% warranty on all equipment, software and labor on the AMI system will be in effect during the first twelve (12) months following commissioning and acceptance. Provide a price for software support and upgrades following the initial warranty period.

ATTACHMENT A: PRICE SCHEDULE

The following Price Schedule shall be included in the Respondent’s proposal.

A. AMI Water Meter and AMI Retrofit

Description	Qty *	Unit Cost	Extended Cost
Water meter AMI Module	990		
3/4" Water Meter with Absolute Encoder	935		
1" Water Meter with Absolute Encoder	25		
1-1/2" Water Meter with Absolute Encoder	9		
2" Water Meter with Absolute Encoder	15		
3" Water Meter with Absolute Encoder	2		
4" Water Meter with Absolute Encoder	2		

*Note: Section A Quantities include spares.

B. Network Equipment

Description	Qty	Unit Cost	Extended Cost
Network Collectors (@ Existing water towers)	3		
Other			

C1. Hosted Server Hardware & Software

Description	Qty	Unit Cost	Extended Cost
Hosted Server Hardware	1		
Hosted Software			
Hosted Application License			
Hosting fees (per year)			

C2. Non-Hosted Server Hardware & Software

Description	Qty	Unit Cost	Extended Cost
Non-Hosted Server Hardware	1		
Non-Hosted Software			
Non-Hosted Application License			

D. Composite Meter Pit Lids

Description	Qty	Unit Cost	Extended Cost
Composite Meter Pit Lids (round, square, rectangle, oval, custom)	Varies		

*Note: Meter Lids to be installed by Town.

E. GPS Instrument

Description	Qty	Unit Cost	Extended Cost
GPS Instrument	1		

F. Annual Maintenance

Description	Qty	Unit Cost	Extended Cost
Application Software License (including all software and firmware upgrades)	1		
Extended warranty	1		
Other			

ATTACHMENT B: COMPLIANCE TABLE FOR RFP TECHNICAL SPECIFICATION 3.0 – 7.0

	Comply	Alternate	Exception	Explanation
	x	x	x	Answer
3.0 – AMI MODULE TECHNICAL SPECIFICATIONS				
<u>3.1 – Water AMI Module Requirements</u>				
3.1.1				
3.1.2				
3.1.3				
3.1.4				
3.1.5				
3.1.6				
3.1.7				
3.1.8				
3.1.9				
3.1.10				
3.1.11				
3.1.12				
3.1.13				
3.1.14				
3.1.15				
3.1.16				
3.1.17				
3.1.18				
3.1.19				
4.0 – AMI NETWORK TECHNICAL SPECIFICATIONS				
<u>4.1 – Gateway Data Collectors</u>				
4.1.1				
4.1.2				
4.1.3				
4.1.4				
4.1.5				
4.1.6				
4.1.7				
4.1.8				
4.1.9				
<u>4.2 – Head End (Hosted) Software and User Interface</u>				
4.2.1				
4.2.2				
4.2.3				
4.2.4				
4.2.5				
4.2.6				
4.2.7				
4.2.8				
4.2.9				
4.2.10				
4.2.11				
4.2.12				
4.2.13				

4.2.14				
4.2.15				
4.2.16				
4.2.17				
4.3 – Head End (Non-Hosted) Hardware and Software				
4.3.1				
4.3.2				
4.3.3				
4.3.4				
4.4 – User Interface Homeowner Access				
4.4.1				
4.4.2				
4.4.3				
4.4.4				
4.4.5				
4.5 – Server Head End Hardware				
4.5.1				
4.5.2				
4.5.3				
5.0 – TRAINING AND IMPLEMENTATION				
5.0.1				
5.0.2				
5.0.3				
5.0.4				
5.0.5				
6.0 – WATER METER SPECIFICATIONS				
6.1 – General Meter Requirements				
6.1.1				
6.1.2				
6.1.3				
6.1.4				
6.1.5				
6.1.6				
6.1.7				
6.1.8				
6.1.9				
6.1.10				
6.1.11				
6.1.12				
6.1.13				
6.1.14				
6.1.15				
6.1.16				
6.1.17				
6.1.18				
6.1.19				
6.2 – Meter Registers				
6.2.1				

6.2.2				
6.2.3				
6.2.4				
6.2.5				
6.2.6				
6.2.7				
6.2.8				
6.2.9				
6.2.10				
6.2.11				
<u>6.3 – Small (3/4" to 2) Water Meters</u>				
6.3.1				
6.3.2				
6.3.3				
6.3.4				
6.3.5				
6.3.6				
<u>6.4 – Compound Meters</u>				
6.4.1				
6.4.2				
6.4.3				
6.4.4				
6.4.5				
<u>6.5 – Turbine Meters</u>				
6.5.1				
6.5.2				
6.5.3				
<u>7.0 – Composite Meter Lid Specification</u>				
7.0.1				
7.0.2				
7.0.3				
7.0.4				
<u>8.0 – GPS Instrument</u>				
8.0.1				
<u>9.0 - Warranty</u>				
9.0.1				

This Page Intentionally Left Blank

ATTACHMENT C

DIVISION 00 - BIDDING AND CONTRACT REQUIREMENTS

SECTION 00900

SRF STATE INSERTS

- Requirements and Contract Provisions for the Treatment Works Projects Financed through the Maryland Water Quality Revolving Loan Fund and the Maryland Drinking Water Revolving Loan Fund.
- Requirement for use of American Iron and Steel (AIS) Products Under Water Quality and Drinking Water State Revolving Fund (WQ/DW SRF) projects

This Page Left Blank Intentionally

REQUIREMENTS AND CONTRACT PROVISIONS FOR THE TREATMENT WORKS PROJECTS
FINANCED THROUGH THE MARYLAND WATER QUALITY REVOLVING LOAN FUND
AND THE MARYLAND DRINKING WATER REVOLVING LOAN FUND
DEPARTMENT OF THE ENVIRONMENT
STATE OF MARYLAND

The project or segment thereof to be constructed in accordance with these contract documents is subject to the following requirements. In the event of conflict with other requirements of the contract documents, the following requirements control unless the requirement is a minimum requirement. Nothing in this document shall be construed to prohibit the owner from requiring additional assurances, guarantees, indemnities, or other contractual requirements from any other party to this agreement.

- I. ASSURANCES FOR COMPLIANCE WITH THE FOLLOWING FEDERAL AND STATE LAWS AND REGULATIONS:
 - 1. NON-DISCRIMINATION IN EMPLOYMENT
 - 2. DEBARMENT
 - 3. ANTI-KICKBACK
 - 4. CONTRACT WORK HOURS AND SAFETY STANDARDS.
 - 5. COMPLIANCE WITH CFR 40 247– 254 (RCRA - SECTION 6002)
 - 6. COMPLIANCE WITH PREVAILING FEDERAL WAGE RATES UNDER THE DAVIS-BACON AND RELATED ACTS IN ACCORDANCE TO SECTION VI OF THIS DOCUMENT
 - 7. MARYLAND ANTIDegradation IMPLEMENTATION PROCEDURES
 - 8. USE OF AMERICAN IRON AND STEEL
- II. DISADVANTAGED BUSINESS ENTERPRISE PARTICIPATION
 - GUIDANCE DOCUMENTS AND FORMS (EPA & STATE FORMS)

(Performance of the good faith steps are required, regardless of goal achievement. All information is to be submitted to the owner, prior to the owner's award of the contract, UNLESS OTHERWISE DIRECTED BY THE OWNER).
- III. PRESIDENTIAL DOCUMENTS
 - ATTACHMENT II

EXECUTIVE ORDER 13202 of February 17, 2001

EXECUTIVE ORDER 13208 of April 8, 2001
- IV. SEVERABILITY
- V. PROJECT SIGN
- VI. FEDERAL WAGE RATE REQUIREMENTS UNDER THE DAVIS-BACON AND RELATED ACTS

I. ASSURANCES

The contractor is required to comply with the Federal laws and regulations in regard to non-discrimination in employment, debarment, anti-kickback, contract work hours and safety standards, and prevailing Federal wage rates under the Davis-Bacon and related acts as delineated below.

1. Non-discrimination in Employment:

The contractor is required to comply with Executive Order 11246 of September 24, 1965 entitled "Equal Employment Opportunity" as amended by Executive Order 11375 of October 13, 1967.

The contract for the work under this proposal will obligate the prime contractor and its subcontractors not to discriminate in employment practices.

The contractor shall not maintain or provide for his/her employees the facilities, which are segregated on a basis of race, creed, color, or national origin, whether such facilities are segregated by directive or on a de facto basis.

The contractor must, if requested, submit a compliance report concerning their employment practices and policies in order to maintain his/her eligibility to receive the award of the contract.

The contractor must be prepared to comply in all respects with the Contract Provisions regarding non-discrimination, as stipulated under the Labor Standards.

2. Debarment:

Under Executive Order 12549, an individual or organization debarred from participation in Federal assistance or benefit programs may not receive any assistance award under a Federal program, or a sub-agreement thereunder for \$25,000 or more.

Therefore, the bidder as an individual or as an organization, presently debarred, suspended, proposed for debarment, will be declared ineligible to participate in bidding the proposed contract as a prospective recipient of financial assistance from the Maryland Department of the Environment.

The contractor shall not enter into any sub-contract with any individual, firm or organization debarred from Government contracts pursuant to Executive Order 11246.

3. Anti-kickback:

The contractor and/or its sub-contractors shall comply with the Copeland "Anti-Kickback" Act (18 U.S.C. 874). Any evident illicit kickback practice in any shapes or forms will cause termination of the contract.

4. Contract Work Hours and Safety Standards:

The contractor and/or its sub-contractors shall comply with Sections 103 and 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 327-330).

5. Compliance with 40 CFR: 247– 254 (RCRA - Section 6002):

The contractor shall comply with the guidelines contained in 40 CFR 247– 254 (Section 6002 of the Resource Conservation and Recovery Act).

State and local recipients and sub-recipients of grants, loans, cooperative agreements or other instruments funded by appropriated Federal funds shall give preference in procurement programs to the purchase of recycled products pursuant to the EPA guidelines.

6. Compliance with Prevailing Federal Wage Rates under the Davis-Bacon and Related Acts in accordance to Section VI of this document.

All laborers and mechanics employed by contractors and sub-contractors on projects funded directly by or assisted in whole or in part by and through the Federal Government programs including the State Revolving Loan fund shall be paid wages at rates not less than those prevailing on projects of a character similar in the locality as determined by the Secretary of Labor in accordance with subchapter IV of chapter 31 of title 40, United States Code. With respect to the labor standards

specified in this section, the Secretary of Labor shall have the authority and functions set forth in Reorganization Plan Numbered 14 of 1950 (64 Stat. 1267; 5 U.S.C.App.) and section 3145 of title 40, United States Code. Most recent Federal prevailing wages can be obtained from:

<https://beta.sam.gov/>

The prevailing wage determination category that should be used for this project is Heavy Construction (including water and sewer). This determination is based on the Federal Department of Labor Wage and Hour Division classification.

7. Maryland Antidegradation Implementation Procedures:

The Clean Water Act requires three components to water quality standards that set goals for and protect each States' waters. The three components are: (1) designated uses that set goals for each water body (e.g., recreational use), (2) criteria that set the minimum conditions to support the use (e.g., bacterial concentrations below certain concentrations) and (3) an antidegradation policy that maintains high quality waters so they are not allowed to degrade to meet only the minimum standards. The designated uses and criteria set the minimum standards for Tier I.

Maryland's antidegradation policy has been promulgated in three regulations: COMAR 26.08.02.04 sets out the policy itself, COMAR 26.08.02.04-1, provides for identification and implementation of Tier II (high quality waters) of the antidegradation policy, and COMAR 26.08.02.04-2 that describes Tier III (Outstanding National Resource Waters or ONRW), the highest quality waters. No Tier III waters have been designated at this time. Any capital funding project occurring within Tier II catchment areas, which are areas that drain to Maryland's high quality designated Tier II stream segments, must undergo Antidegradation Review.

To determine if your project is located within Tier II catchment area, please visit:

<http://www.mde.state.md.us/programs/Water/TMDL/Water%20Quality%20Standards/Pages/HighQualityWatersMap.aspx>

Or contact Ms. Angel Valdez of MDE Environmental Standards and Assessment Program, at (410) 537-3606, or at angel.valdez@maryland.gov.

Please be aware that projects subject to an Antidegradation or Tier II review must adequately address comments that arise during the review before funding can be granted.

How Tier II Stream Segments are Designated

- Currently high quality stream segments are designated for the characteristic of biology using Maryland Biological Stream Survey (or comparable) data
- Streams are recorded in Table O (COMAR 26.08.02.04-1) and the pending list of streams awaiting promulgation or corrections is maintained on the MDE website.

The Basic Antidegradation Review Process

Many of the projects funded by the Water Quality Financing Administration (WQFA) at MDE result in a net improvement to water quality. As a result, the antidegradation review process for WQFA generally involves making sure that any land disturbance activities associated with the project includes additional controls. Any other antidegradation reviews specific to project discharges (e.g. end-of-pipe) will be addressed separately through the permitting process.

To help expedite the review process the following list of practices has been provided. These practices include "accelerated stabilization, redundant controls, increased riparian buffers, passive or active chemical treatment, or a reduction in the size of the grading unit" as stated in the 2011 Maryland Standards and Specifications for Soil Erosion and Sediment Control to address Tier II issues. All practices implemented should be evident in plans. When using the list below to aide in planning keep in mind that application and site specifics will ultimately determine each recommendation's applicability. Also realize that this list is not exhaustive and additional practices may be identified as specific plans become available.

- **Initial Considerations:** including limiting vegetative disturbances, phasing and/or sequencing, accelerated stabilization, minimum weekly inspections, and timing of in-stream work to low flow periods or clear weather forecasts
- **Expanded Riparian Buffers (for new structures/expansions only):** from 100 to 230 feet, depending upon slope and soil composition, on all intermittent and perennial streams within project footprint to help further address direct hydrologic impacts to surface waters. See Table 1 for more details.

Table 1

Adjusted Average Optimal Buffer Width Key for HQ Waters (minimum width 100 feet)				
Slopes (%)				
Hydrologic Soil Group	0-5%	5-15%	15-25%	>25%
Ab	100	130	160	190
C	120	150	180	210
D	140	170	200	230

- **Streamside Management Zones (buffer areas for utility projects):** where disturbance and work cannot be avoided, utilize minimally disturbing & selective vegetative clearing methods, restorative planting (not seeding) for major near-stream clearings totaling 1 acre or more, no mulch placement within the streamside management zones, if possible allow small shrub growth
- **Enhanced Buffer Management:** including sheetflow of discharge beyond the minimum 100 foot vegetative buffer or implementing redundant mechanisms in dewatering exercises such as devices in manifold, use of chemical filtration aides, combining two practices such as filter bags with vegetated buffers and silt fencing. Also incorporation of super silt fencing or an equivalent practice when working near streams.
- **Enhanced Temporary Access Waterways Crossings:** including utilizing horizontal directional drilling/jack and bore for all major stream crossings or sensitive crossings, including a frac-out plan; preferential use of partial diversions (where possible); and utilization of temporary access bridges over fords.
- **Special Concern- pH and Water Quality:** For all activities related to in-stream grout placement, either in bags or as fill:
 1. To prevent impacts to in-stream pH, such operations should occur “in-the-dry”.
 2. An emergency treatment plan should be in place to address accidental material releases.
 3. Cure time allotted should reflect chemically stable grout material and should also represent the most conservative time in the expected cure range.
 4. The water quality standard numeric criteria for pH must be met in the ‘first flush’ before diversion is removed.
- **Stormwater Management:** follow the current guidelines within the Maryland Stormwater Design Manual (2009 Revised), including ESD to the MEP or other non-structural practices

8. Use of American Iron and Steel

None of the funds made available by a State water pollution control revolving fund as authorized by title VI of the Federal Water Pollution Control Act (33 U.S.C. 1381 et seq.) or made available by a drinking water treatment revolving loan fund as authorized by section 1452 of the Safe Drinking Water Act (42 U.S.C. 300j-12) shall be used for a project for the construction, alteration, maintenance, or repair of a public drinking water system or water quality treatment works unless all of the iron and steel products used in the project are produced in the United States.

In this section, the term “iron and steel products” means the following products made primarily of iron or steel:

- Lined or unlined pipes and fittings
- Manhole covers and other municipal castings
- Hydrants
- Tanks
- Flanges
- Pipe clamps and restraints
- Valves
- Structural steel
- Reinforced precast concrete
- Construction materials

Certification Process:

The final manufacturer that delivers the iron or steel product to worksite, vendor, or contractor, may provide a certification asserting that all manufacturing processes occurred in the US. The certification should include the name of the manufacturer, the location of the manufacturing facility where the product or process took place (not its headquarters), a description of the product or item being delivered, and a signature by a responsible party.

Additional documentation such as Step Certification may be needed if the certification is lacking important information. A Step Certification is a process under which each handler (supplier, fabricator, manufacturer, processor, etc) of the iron and steel products certifies that their step in the process was domestically performed. Each time a step in the manufacturing process takes place, the manufacturer delivers its work along with a certification of its origin.

Waiver:

A request for waiver may be submitted to MDE under at least one of the following waiver categories:

- (1) Applying this provision would be inconsistent with the public interest;
- (2) Iron and steel products are not produced in the United States in sufficient and reasonably available quantities and of a satisfactory quality; or
- (3) Inclusion of iron and steel products produced in the United States will increase the cost of the overall project by more than 25 percent.

MDE may agree with the waiver request and submit it to the Administrator of the Environmental Protection Agency for final approval. Alternatively, MDE may, in its sole discretion, reject the waiver request and elect not to fund the project.

De Minimis Nationwide Waiver:

A De Minimis Nationwide Waiver was issued by EPA, on April 15, 2014, allowing non-AIS miscellaneous, generally low-cost components that are essential for, but incidental to, the construction and are incorporated into the physical structure of the project. The total cost for these incidental components should not exceed 5% of the total cost of the materials used in and incorporated into a project.

To be covered under this waiver, the grant/loan recipient must, in consultation with the contractor, take the following actions:

1. Retain relevant documentation (i.e. invoices) as to those items being covered under this waiver in their project files.
2. Summarize in reports to MDE the types and/or categories of items to which this waiver is applied, including the cost of each category/type. The report must also include the total cost of items covered by the waiver, the total cost of all materials used in and incorporated into the project, and the percentage of covered incidental items calculated by cost.
3. Upon the receipt of the report, MDE, within 30 calendar day of receipt, will accept and file the report, request additional information, or advise the grant/loan recipient that the items cannot be covered under this waiver and a project specific waiver is needed.
4. If no comments are received by MDE within 30 calendar days, the grant/loan recipient would not need to take any further action, unless more incidental items need to be covered, at which time cumulative summary would need to be submitted to MDE.

Within seven (7) days of the bid opening, the apparent low bidder shall sign the form of “Assurances for Compliance with Federal Laws and Regulations” pertaining to non-discrimination in employment, debarment, anti-kickback, contract work hours and safety, compliance with prevailing Federal wage rates under the Davis-Bacon and related acts, and Maryland Antidegradation Implementation Procedures, and use of American iron and steel. The form is appended herewith in Section I.

**ASSURANCES FOR COMPLIANCE WITH FEDERAL LAWS AND REGULATIONS
FOR WATER QUALITY-TREATMENT WORKS AND DRINKING WATER PROJECT**

Project Name: _____ Contract No. (if applicable): _____

The contractor is required to comply with the following Federal laws and regulations:

1. Non-discrimination in Employment in accordance with Executive Order 11246 of September 24, 1965 entitled "Equal Employment Opportunity" as amended by Executive Order 11375 of October 13, 1967.
2. Debarment in accordance with the Executive Order 12549 and Executive Order 11246.
3. Anti-kickback in accordance with the Copeland "Anti-Kickback" Act (18 U.S.C. 874).
4. Contract Work Hours and Safety Standards in accordance with Sections 103 and 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 327-330).
5. Compliance with Guidelines Contained in 40 CFR 247-254 (RCRA - Section 6002).
6. The prevailing Federal wage rates as determined by the U.S. Department of Labor under the Davis-Bacon and related acts. The prevailing wage determination category that should be used for this project is Heavy Construction (including water and sewer). Available at: <https://beta.sam.gov/>.

General Decision Number: _____ Date: _____

7. Maryland Antidegradation Implementation Procedures as promulgated in three regulations: COMAR 26.08.02.04 sets out the policy itself, COMAR 26.08.02.04-1, provides for identification and implementation of Tier II (high quality waters) of the antidegradation policy, and COMAR 26.08.02.04-2 that describes Tier III (Outstanding National Resource Waters or ONRW), the highest quality waters. No Tier III waters have been designated at this time.
8. Use of American Iron and Steel, as promulgated by H.R. 3547, "Consolidated Appropriations Act, 2014," Division G, Title IV, enacted on January 17, 2014.

I do solemnly declare and affirm that I am obligated to comply with the above Federal laws and regulations. It is understood that non-compliance with any one of the above Federal laws and regulations will be sufficient reason to cause termination of the contract.

Contractor

Signed by: _____
Authorized Officer

Date

Name (Print)

Title (Print)

**II. Maryland Department of the Environment
Maryland Water Quality & Drinking Water Revolving Loan Fund Programs
Disadvantaged Business Enterprise Program (DBE)
Guidance for Prime (Construction & A/E) Contractors**

The Maryland Water Quality and Drinking Water Revolving Loan Fund Programs (RLF) receive federal funds from the U.S. Environmental Protection Agency (EPA). The funds are used to provide low interest rate loans to finance water quality and drinking water capital projects. As a condition of federal grant awards, EPA regulations require that loan recipients and sub-recipients (i.e., prime contractors and subcontractors) make a good-faith effort to award a fair share of work to DBEs who are small business enterprises (SBE's), minority business enterprises (MBE's) and women's business enterprises (WBE's). A/E service consultants who receive loan funds are also considered as prime contractors and must comply with DBE requirements. Additionally, EPA's DBE rule requires loan recipients and sub-recipients to adhere to the terms and conditions in Appendix A attached hereto.

To ensure compliance with EPA DBE requirements, the MWQFA has developed guidance for both Loan Recipients and Prime Contractors (sub-recipients) to undertake certain good faith efforts to provide opportunities for DBE firms to participate in contracts. EPA regulations require evidence of the demonstration of the six good faith efforts in trying to achieve the DBE participation goals. MDE's negotiated DBE participation goals with EPA have been approved as of February 6, 2019 and are effective for three years through September 30, 2021. The goals below are not a quota and apply to DBE participation only.

<i>Procurement Category</i>	<i>MBE Goal (%)</i>	<i>WBE Goal (%)</i>
Construction	22	16
Equipment	23	11
Services	25	18
Supplies	23	11

Good Faith Efforts: The following good faith efforts apply to the procurement categories involving EPA financial assistance funds (See Appendix B: EPA Good Faith Efforts):

- Step 1:** Ensure DBEs are made aware of contracting opportunities to the fullest extent practicable through outreach and recruitment activities by placing qualified DBEs on solicitation lists whenever they are potential sources.
- Step 2:** Establishing delivery schedules, where the requirement permits to encourage participation by DBEs. The prime contractor should allow a 30-day minimum advertising period for bidding.
- Step 3:** Dividing total requirements, when economically feasible, into small tasks or quantities, to permit maximum participation of DBEs.
- Step 4:** Encourage contracting with a consortium of DBEs, when a contract is too large for one of these firms to handle individually.
- Step 5:** Using the services and assistance of the Maryland Department of Transportation (MDOT), the United States Small Business Administration (SBA) and the Minority Business Development Agency (MBDA) of the U.S. Department of Commerce (See Appendix C).
- Step 6:** Require each sub-contractor, if subcontracts are to be let, to take the steps 1- 5.

**Please submit all information to:
DBE Coordinator, MWQFA
1800 Washington Blvd., Baltimore MD 21230
Phone: 410-537-3146, FAX: 410-537-3968**

http://www.mde.state.md.us/programs/Water/QualityFinancing/MinorityandWomensBusinessEnterprises/Pages/Programs/WaterPrograms/Water_Quality_Finance/MWBE/index.aspx

Disadvantaged Business Enterprise Program (DBE)

Guidance for Prime (Construction & A/E) Contractors

Demonstration of the Six Good Faith Efforts. See **Appendices A & B** for additional bidding instructions and contract administrative provisions.

A: Prime contractors are required to undertake good faith efforts. Steps 1 & 5 can be attained by developing a bidders list of qualified DBE firms that can bid as sub-contractors. The prime contractors should advertise in minority, local and regional newspapers and obtain a bidders list from the loan recipient to supplement their list. The bidders list used during sub-contractor solicitation must be available throughout the project's construction period.

In developing bidders list of qualified DBE firms for participation as sub-contractors in construction, equipment, services, and supplies, the prime contractors should contact and gather information from different resources (See **Appendix C**) such as:

- Loan Recipient
- U.S. Small Business Administration (US-SBA)
- Minority Business Development Agency (MBDA) of the US Department of Commerce
- Maryland Department of Transportation (MDOT)

The DBE bidders lists may be classified with Standard Industrial Classification (SIC) or NAICS codes, should be updated periodically, and should be made available to sub-contractors to solicit additional sub-contractors, if necessary. **The prime contractor is required to keep the bidders list throughout the project's construction period.**

B: Prime contractors are also required to undertake good faith efforts. Steps 2, 3, & 4, can be utilized during the project planning, design and/or pre-bidding phase, to assure that qualified DBE firms have procurement opportunities in construction, equipment, services, and supplies.

To provide procurement opportunities to DBE firms, the Prime Contractor should undertake the following:

- Conduct pre-bid meetings to inform potential bidders/contractors about DBE requirements and provide guidance in undertaking the required good faith efforts.
- Use the bidders list developed in Item A (above) to solicit DBE firms as sub contractors.
- Invite DBE firms, where appropriate, to meetings, conferences, etc., to inform them of procurement opportunities and develop, where possible, reasonable contract and delivery schedules that encourage and facilitate participation by DBEs.
- Determine if a project can be broken down into smaller components/contracts to allow opportunity for DBE firms to bid as sub-contractors.
- For projects broken down into smaller components (e.g., painting, roofing, excavation, pipe laying, etc.) ensure that the delivery schedules are reasonable.
- Encourage DBE firms, where appropriate, to apply as a consortium, or as part of a consortium of DBEs, when a contract is too large for one of these firms to handle individually.

MARYLAND DEPARTMENT OF THE ENVIRONMENT

1800 Washington Boulevard, Suite 515 Baltimore MD 21230-1718

410-537-3119, 1-800-633-6101 <http://www.mde.state.md.us/wqfa>

Disadvantaged Business Enterprise (DBE) Good Faith Efforts Checklist

To be Completed by Loan Recipient

Project Name:

Procurement Category: Check box for all M/WBE procurement categories being reported under the above referenced project.

Construction Equipment Services Supplies

For each procurement action, please answer the following questions

A: Develop Bidders List of DBE firms

- | | | | |
|----|--|------------------------------|-----------------------------|
| A1 | Did you develop a Bidders List of DBE firms? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| A2 | Did you advertise in minority, local, regional papers or Dodge Report? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| A3 | Did you send invitation for bids to DBE trade associations? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| A4 | Did you contact US-SBA/MBDA/MDOT? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| A5 | Did you provide Prime Contractors with Bidders List | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| A6 | Did you provide MDE with Bidders List? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |

B: Smaller work components and delivery schedules

- | | | | |
|----|---|------------------------------|-----------------------------|
| B1 | Did DBE firms have opportunities to bid as prime contractors? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| B2 | Did you break down the project, where economically feasible, into smaller components? | | |
| | o For DBE firms to bid as prime contractor | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| | o For DBE firms to bid as sub-contractors | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| B3 | Do project components have reasonable delivery schedules? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| B4 | Did you allow a reasonable time for DBEs to bid (e.g., min. of 30 days)? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| B5 | Did you encourage DBEs to bid as a consortium due to project size? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |

C: Require prime contractor to Undertake Good Faith Efforts

- | | | | |
|----|--|------------------------------|-----------------------------|
| C1 | Did you include the "MDE Insert" in the bidding documents? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| C2 | Did you require the prime contractors to apply the good faith efforts? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| C3 | Is DBE a "responsiveness" criteria in bid documents? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |

D: Solicitation Summary of DBE firms (Use Attachment 1 for each prime contract)

- | | | | |
|----|--|------------------------------|-----------------------------|
| D1 | Did you use the Bidders List to solicit prime contractors? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| D2 | Did DBE firms bid as prime contractors? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| D3 | Did you select any DBE firms as prime contractor? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| D4 | Is the prime contractor using any subcontractors? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |

Loan recipient must also complete Attachment 1 and have prime contractor list each DBE subcontractor on EPA Form 6100-4. In addition, EPA Form 6100-3 must be submitted with bid proposal after completion by prime contractor and each subcontractor. Loan recipient do not fill out any EPA forms.

Supporting Documentation

In support of the actions taken in items A, B, C and D (above), all borrowers and prime contractors must attach this checklist along with supporting documentation for "Yes" answers and an explanation for "No" answers. Examples of supporting documentation include: (i) Bidders List of DBE firms; (ii) list of sub-contract work elements possible under the prime contract; (iii) proof of contact with DBE firms as potential prime contractors (copies of invitations for bids/RFP, contact letters, faxes and telephone call sheets, etc.; (iv) copies of all procurement advertisements; and (v) list of all prime contractors that submitted bids/RFP.

Loan Recipient's Name and Title

Loan Recipient Official's Signature/ Date

Contact Phone # _____

**MARYLAND DEPARTMENT OF THE ENVIRONMENT
SOLICITATION OF FIRMS**

Loan Recipient must complete one form for each prime (construction & A/E) contract

Project Name:

Total Contract Amount (Prime Construction Contractor): \$

Please answer the following questions for each prime contract

Procurement Category: Check only one procurement category for each prime contract being reported under the above referenced project. **Construction** **Equipment** **Services** **Supplies**

Summary of Prime Contractors Solicited

- 1 Number of firms solicited (attach list/documentation): _____
- 2 Number of firms that responded (attach documentation): _____
- 3 Number of DBE firms that responded (attach documentation): _____

Details of Selected Firm

4 Name of Firm:

5 Address:

6 Contact Person (Name and Phone):

7 Total amount of Contract \$

8 Is the firm a Minority Business Enterprise? (MBE) Yes No

9 Is the firm a Women Business Enterprise? (WBE) Yes No

10 If the response to question 8 or 9 is **Yes**, please complete the following:

- M/WBE Certification Number: _____
- Certification Date: _____
- Expiration Date (if applicable): _____
- Certifying Agency: _____

Please submit all information to:
DBE Coordinator, MWQFA
1800 Washington Blvd., Baltimore MD 21230
Phone: 410-537-3146, FAX: 410-537-3968

MARYLAND DEPARTMENT OF THE ENVIRONMENT

1800 Washington Boulevard Suite 515 Baltimore MD 21230-1718
 410 537 3119 1-800-633-6101

http://www.mde.state.md.us/programs/Water/QualityFinancing/MinorityandWomensBusinessEnterprises/Pages/Programs/WaterPrograms/Water_Quality_Finance/MWBE/index.aspx

**Disadvantaged Business Enterprise (DBE) Good Faith Efforts Checklist
 To be completed by Prime (Construction & A/E) Contractor**

Project Name:

Procurement Category: Check box for all M/WBE procurement categories being reported under the above referenced project. **Construction** **Equipment** **Services** **Supplies**

For each procurement action, please answer the following questions

A: Develop Bidders List of DBE firms

- A1 Did you develop a Bidders List of DBE firms? Yes No
- A2 Did you advertise in minority, local, regional papers or Dodge Report? Yes No
- A3 Did you send invitation for bids to DBE trade associations? Yes No
- A4 Did you contact US-SBA/MBDA/MDOT? Yes No
- A5 Did you receive Bidders List from Loan Recipient? Yes No
- A6 Did you provide MDE with Bidders List? Yes No

B: Smaller work components and delivery schedules

- B1 Did DBE firms have opportunities to bid as subcontractors? Yes No
- B2 Did you break down the project, where economically feasible, into smaller components for DBE firms to bid as subcontractors? Yes No
- B3 Do project components have reasonable delivery schedules? Yes No
- B4 Did you allow a reasonable time for DBEs to bid? Yes No
- B5 Did you encourage DBEs to bid as a consortium due to project size? Yes No

C: Solicitation Summary of DBE firms (Prime Contractor must fill EPA Form 6100-4)

- C1 Did you use the Bidders List to solicit subcontractors? Yes No
- C2 Did DBE firms bid as subcontractors (provide list, work type, & price)? Yes No
- C3 Did you select any DBE firms as subcontractor? Yes No
- C4 Is the subcontractor using any additional subcontractors? Yes No

Prime contractor must provide to loan recipient: (1) list of ALL subcontractors (DBE and non-DBE) with type of work and estimated dollar amounts; (2) completed EPA Form 6100-4; and, (3) completed EPA Form 6100-3 for each DBE subcontractor. Also, EPA Form 6100-2 to each DBE subcontractor.

Supporting Documentation

In support of the actions taken in items A, B, and C, (above), all prime contractors must attach this checklist along with supporting documentation for "Yes" answers and an explanation for "No" answers. Examples of supporting documentation include: (i) Bidders List of DBE firms; (ii) list of sub-contract work elements possible under the prime contract; (iii) proof of contact with DBE firms as potential sub contractors (copies of invitations for bids/RFP, contact letters, faxes and telephone call sheets, etc.; (iv) copies of all procurement advertisements; and, (v) list of all sub contractors that submitted bids/RFP.

 Prime Contractor's Name and Title

 Prime Contractor Official's Signature/ Date

Contact Phone # _____



OMB Control No: 2090-0030
 Approved: 8/13/2013
 Approval Expires: 8/31/2015

**Disadvantaged Business Enterprise (DBE) Program
 DBE Subcontractor Utilization Form**

This form is intended to capture the prime contractor's actual and/or anticipated use of identified certified DBE¹ subcontractors² and the estimated dollar amount of each subcontract. An EPA Financial Assistance Agreement Recipient must require its prime contractors to complete this form and include it in the bid or proposal package. Prime contractors should also maintain a copy of this form on file.

Prime Contractor Name		Project Name	
Bid/ Proposal No.	Assistance Agreement ID No. (if known)	Point of Contact	
Address			
Telephone No.		Email Address	
Issuing/Funding Entity:			

I have identified potential DBE certified subcontractors	<input type="radio"/> YES	<input checked="" type="radio"/> NO	
If yes, please complete the table below. If no, please explain:			
Subcontractor Name/ Company Name	Company Address/ Phone/ Email	Est. Dollar Amt	Currently DBE Certified?

Continue on back if needed

¹ A DBE is a Disadvantaged, Minority, or Woman Business Enterprise that has been certified by an entity from which EPA accepts certifications as described in 40 CFR 33.204-33.205 or certified by EPA. EPA accepts certifications from entities that meet or exceed EPA certification standards as described in 40 CFR 33.202.

² Subcontractor is defined as a company, firm, joint venture, or individual who enters into an agreement with a contractor to provide services pursuant to an EPA award of financial assistance.

EPA FORM 6100-4 (DBE Subcontractor Utilization Form)



OMB Control No: 2090-0030
 Approved: 8/13/2013
 Approval Expires: 8/31/2015

**Disadvantaged Business Enterprise (DBE) Program
 DBE Subcontractor Utilization Form**

I certify under penalty of perjury that the forgoing statements are true and correct. Signing this form does not signify a commitment to utilize the subcontractors above. I am aware of that in the event of a replacement of a subcontractor, I will adhere to the replacement requirements set forth in 40 CFR Part 33 Section 33.302 (c).

Prime Contractor Signature	Print Name
Title	Date

The public reporting and recordkeeping burden for this collection of information is estimated to average three (3) hours per response. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques to the Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.



OMB Control No: 2090-0030
 Approved: 8/13/2013
 Approval Expires: 8/31/2015

**Disadvantaged Business Enterprise (DBE) Program
 DBE Subcontractor Performance Form**

This form is intended to capture the DBE¹ subcontractor's² description of work to be performed and the price of the work submitted to the prime contractor. An EPA Financial Assistance Agreement Recipient must require its prime contractor to have its DBE subcontractors complete this form and include all completed forms in the prime contractors bid or proposal package.

Subcontractor Name		Project Name	
Bid/ Proposal No.	Assistance Agreement ID No. (if known)	Point of Contact	
Address			
Telephone No.		Email Address	
Prime Contractor Name		Issuing/Funding Entity:	

Contract Item Number	Description of Work Submitted to the Prime Contractor Involving Construction, Services, Equipment or Supplies	Price of Work Submitted to the Prime Contractor
DBE Certified By: <input type="radio"/> DOT <input type="radio"/> SBA <input type="radio"/> Other: _____		Meets/ exceeds EPA certification standards? <input type="radio"/> YES <input type="radio"/> NO <input type="radio"/> Unknown

¹ A DBE is a Disadvantaged, Minority, or Woman Business Enterprise that has been certified by an entity from which EPA accepts certifications as described in 40 CFR 33.204-33.205 or certified by EPA. EPA accepts certifications from entities that meet or exceed EPA certification standards as described in 40 CFR 33.202.

² Subcontractor is defined as a company, firm, joint venture, or individual who enters into an agreement with a contractor to provide services pursuant to an EPA award of financial assistance.



OMB Control No: 2090-0030
 Approved: 8/13/2013
 Approval Expires: 8/31/2015

**Disadvantaged Business Enterprise (DBE) Program
 DBE Subcontractor Performance Form**

I certify under penalty of perjury that the forgoing statements are true and correct. Signing this form does not signify a commitment to utilize the subcontractors above. I am aware of that in the event of a replacement of a subcontractor, I will adhere to the replacement requirements set forth in 40 CFR Part 33 Section 33.302 (c).

Prime Contractor Signature	Print Name
Title	Date

Subcontractor Signature	Print Name
Title	Date

The public reporting and recordkeeping burden for this collection of information is estimated to average three (3) hours per response. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques to the Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.



OMB Control No: 2090-0030
 Approved: 8/13/2013
 Approval Expires: 8/31/2015

**Disadvantaged Business Enterprise (DBE) Program
 DBE Subcontractor Participation Form**

An EPA Financial Assistance Agreement Recipient must require its prime contractors to provide this form to its DBE subcontractors. This form gives a DBE¹ subcontractor² the opportunity to describe work received and/or report any concerns regarding the EPA-funded project (e.g., in areas such as termination by prime contractor, late payments, etc.). The DBE subcontractor can, as an option, complete and submit this form to the EPA DBE Coordinator at any time during the project period of performance.

Subcontractor Name		Project Name	
Bid/ Proposal No.	Assistance Agreement ID No. (if known)	Point of Contact	
Address			
Telephone No.		Email Address	
Prime Contractor Name		Issuing/Funding Entity:	

Contract Item Number	Description of Work Received from the Prime Contractor Involving Construction, Services, Equipment or Supplies	Amount Received by Prime Contractor

¹ A DBE is a Disadvantaged, Minority, or Woman Business Enterprise that has been certified by an entity from which EPA accepts certifications as described in 40 CFR 33.204-33.205 or certified by EPA. EPA accepts certifications from entities that meet or exceed EPA certification standards as described in 40 CFR 33.202.

² Subcontractor is defined as a company, firm, joint venture, or individual who enters into an agreement with a contractor to provide services pursuant to an EPA award of financial assistance.

EPA FORM 6100-2 (DBE Subcontractor Participation Form)

APPENDIX A: EPA DISADVANTAGED BUSINESS ENTERPRISE PROGRAM

EPA's Disadvantaged Business Enterprise Program rule applies to contract procurement actions funded in part by EPA assistance agreements awarded after May 27, 2008. The rule is found at Federal regulation Title 40, Part 33. Specific responsibilities are highlighted below.

Loan Recipient Responsibilities:

- Include MDE's DBE guidance in each contract with a primary contractor, *MDE, October 2008*.
- Employ the six Good Faith Efforts during prime contractor procurement (§ 33.301).
- Require prime contractor to comply with the following prime contractor requirements of Title 40 Part 33:
 - a) To employ the six Good Faith Efforts steps in paragraphs (a) through (e) of § 33.301 if the prime contractor awards subcontracts (§ 33.301(f)).
 - b) To provide EPA form 6100-2 – *DBE Subcontractor Participation Form* to all DBE subcontractors (Optional submittal by subcontractors) (§ 33.302(e)).
 - c) To submit EPA forms 6100-3 – *DBE Program Subcontractor Performance Form* and 6100-4 – *DBE Program Subcontractor Utilization Form* with bid package or proposal. (§ 33.302 (f) and (g)).
 - d) To pay its subcontractor for satisfactory performance no more than 30 days from the prime contractor's receipt of payment from the recipient (§ 33.302(a)).
 - e) To notify recipient in writing by its prime contractor prior to any termination of a DBE subcontractor for convenience by the prime contractor (§ 33.302(b)).
 - f) To employ the six good faith efforts described in § 33.301 if soliciting a replacement subcontractor after a DBE subcontractor fails to complete work under the subcontract for any reason. (§ 33.302(c)).
 - g) To employ the six good faith efforts described in § 33.301 even if the prime contractor has achieved its fair share objectives under subpart D of Part 33. (§33.302(d)).
 - h) Provide grant recipient DBE participation achievements with bid proposal
- Maintain records documenting its compliance with the requirements of Title 40 Part 33, including BIDDERS LIST and documentation of its, and its prime contractors', good faith efforts (§ 33.501(a)).

Prime Contractor Responsibilities:

- Employ the six Good Faith Efforts steps in paragraphs (a) through (e) of § 33.301 if the prime contractor awards subcontracts (§ 33.301(f)).

- Provide EPA form number 6100-2 – *DBE Program Subcontractor Participation Form* and form number 6100-3 – *DBE Program Subcontractor Performance Form* to each DBE subcontractor prior to opening of the contractor’s bid or proposal (§ 33.302(e) and (f)).
- Complete EPA form number 6100-4 – *DBE Program Subcontractor Utilization Form* (§ 33.302(g)).
- Submit to recipient with it bid package or proposal the completed EPA form number 6100-4, plus an EPA form number 6100-3 for each DBE subcontractor used in the contractor’s bid or proposal (§ 33.302(f) and (g)).
- Pay subcontractors for satisfactory performance no more than 30 days from the prime contractor’s receipt of payment from the recipient (§ 33.302(a)).
- Notify the recipient in writing prior to prime contractor termination of a DBE subcontractor for convenience (§ 33.302(b)).
- Employ the six good faith efforts described in § 33.301 if soliciting a replacement subcontractor after a DBE subcontractor fails to complete work under the subcontract for any reason. (§ 33.302(c)).
- Employ the six good faith efforts described in § 33.301 even if the prime contractor has achieved its fair share objectives under subpart D of Part 33. (§33.302(d)).
- Provide loan recipient DBE participation achievements with bid proposal: (1) list of ALL subcontractors (DBE and non-DBE) with type of work and estimated dollar amounts; (2) completed EPA Form 6100-4; and (3) completed EPA Form 6100-3 for each DBE subcontractor.
- Maintain records documenting its compliance with the requirements of Title 40 Part 33, including BIDDERS LIST documentation of its, and its prime contractors’, good faith efforts (§ 33.501(a)).

Subcontractor Responsibilities:

- May submit EPA form 6100-2 – *DBE Subcontractor Participation Form* to Romona McQueen, EPA Region 3 DBE Coordinator (§ 33.302(e)).
- Must complete EPA form 6100-3 – *DBE Program Subcontractor Performance Form*, and submit it to the prime contractor soliciting services from the subcontractor prior to the opening of bids for the prime contract.

EPA Form	Requirement	Provided By	Completed By	Submitted To
EPA Form 6100-2	Loan Recipients required to have prime contractors provide form to Subcontractors	Prime Contractors	DBE Subcontractors (Optional)	EPA Region 3 DBE Coordinator Romona McQueen
EPA Form 6100-3	Loan Recipients required to have prime contractors provide form to Subcontractors	Prime Contractors	DBE Subcontractors with Prime Contractor’s Signature	Loan Recipients as part of a bid or proposal package
EPA Form 6100-4	Loan Recipients required to have prime contractors complete the form	Loan Recipients	Prime Contractors	Loan Recipients as part of a bid or proposal

Source: Federal Requirements and Contract Provisions for Special Appropriation Act Projects, US Environmental Protection Agency, Region III, June 2008

APPENDIX B: TITLE 40 PART 33 SUBPART C—GOOD FAITH EFFORTS

§ 33.102 When do the requirements of this part apply?

The requirements of this part apply to procurement under EPA financial assistance agreements performed entirely within the United States, whether by a loan recipient or its prime contractor, for construction, equipment, services, and supplies.

§ 33.106 What assurances must EPA financial assistance recipients obtain from their contractors?

The recipient must ensure that each procurement contract it awards contains the term and condition specified in Appendix A to this part concerning compliance with the requirements of this part.

§ 33.206 Is there a list of certified MBEs and WBEs?

EPA OSDBU will maintain a list of certified MBEs and WBEs on EPA OSDBU's Home Page on the Internet. Any interested person may also obtain a copy of the list from EPA OSDBU. The Maryland Department of Transportation will also have a bidders list.

§ 33.301 What does this subpart require?

A recipient, including one exempted from applying the fair share objective requirements by § 33.411, is required to make the following good faith efforts whenever procuring construction, equipment, services and supplies under an EPA financial assistance agreement, even if it has achieved its fair share objectives under subpart D of this part:

- (a) Ensure DBEs are made aware of contracting opportunities fully practicable through outreach and recruitment activities. For Indian Tribal, State and Local and Government recipients, this will include placing DBEs on solicitation lists and soliciting them whenever they are potential sources.
- (b) Make information on forthcoming opportunities available to DBEs, arrange periods for contracts, and establish delivery schedules, where the requirements permit, in a way that encourages and facilitates participation by DBEs in the competitive process. This includes, whenever possible, posting solicitations for bids or proposals for a minimum of 30 calendar days before the bid or proposal closing date.
- (c) Consider in the contracting process whether firms competing for large contracts could subcontract with DBEs. For Indian Tribal, State and local Government recipients, this will include dividing total requirements when economically feasible into smaller tasks or quantities to permit maximum participation by DBEs in the competitive process.
- (d) Encourage contracting with a consortium of DBEs when a contract is too large for one of these firms to handle individually.
- (e) Use the services and assistance of the SBA and the Minority Business Development Agency of the Department of Commerce.
- (f) If the prime contractor awards subcontracts, require the prime contractor to take the steps in paragraphs (a) through (e) of this section.

§ 33.302 Are there any additional contract administration requirements?

- (a) Loan recipient must require its prime contractor to pay its subcontractor for satisfactory performance no more than 30 days from the prime contractor's receipt of payment from the recipient.
- (b) Its prime contractor must notify loan recipient in writing prior to any termination of a DBE subcontractor for convenience by the prime contractor.
- (c) If a DBE subcontractor fails to complete work under the subcontract for any reason, the recipient must require the prime contractor to employ the six good faith efforts described in § 33.301 if soliciting a replacement subcontractor.
- (d) A recipient must require its prime contractor to employ the six good faith efforts described in § 33.301 even if the prime contractor has achieved its fair share objectives under subpart D of this part.
- (e) A recipient must require its prime contractor to provide EPA Form 6100-2—DBE Program Subcontractor Participation Form to all of its DBE subcontractors. EPA Form 6100-2 gives a DBE subcontractor the opportunity to describe the work the DBE subcontractor received from the prime contractor, how much the DBE subcontractor was paid and any other concerns the DBE subcontractor might have, for example reasons why the DBE subcontractor believes it was terminated by the prime contractor. DBE subcontractors may send completed copies of EPA Form 6100-2 directly to the appropriate EPA DBE Coordinator.
- (f) A recipient must require its prime contractor to have its DBE subcontractors complete EPA Form 6100-3—DBE Program Subcontractor Performance Form. A recipient must then require its prime contractor to include all completed forms as part of the prime contractor's bid or proposal package.
- (g) A recipient must require its prime contractor to complete and submit EPA Form 6100-4—DBE Program Subcontractor Utilization Form as part of the prime contractor's bid or proposal package.
- (h) Copies of EPA Form 6100-2—DBE Program Subcontractor Participation Form, EPA Form 6100-3—DBE Program Subcontractor Performance Form and EPA Form 6100-4—DBE Program Subcontractor Utilization Form may be obtained from EPA OSDBU's Home Page on the Internet or directly from EPA OSDBU.
- (i) A recipient must ensure that each procurement contract it awards contains the term and condition specified in the Appendix A concerning compliance with the requirements of this part. A recipient must also ensure that this term and condition is included in each procurement contract awarded by an entity receiving an identified loan under a financial assistance agreement to capitalize a revolving loan fund.

§ 33.410 Can a recipient be penalized for failing to meet its fair share objectives?

A recipient cannot be penalized, or treated by EPA as being in noncompliance with this subpart, solely because its MBE or WBE participation does not meet its applicable fair share objective. However, EPA may take remedial action under § 33.105 for a recipient's failure to comply with other provisions of this part, including, but not limited to, the good faith efforts requirements described in subpart C of this part.

Source: Federal Requirements and Contract Provisions for Special Appropriation Act Projects, US Environmental Protection Agency, Region III, June 2008

**APPENDIX C: RESOURCE LISTING AND CONTACT INFORMATION
FOR UTILIZATION OF MINORITY AND WOMEN’S BUSINESS ENTERPRISES**

Resource Listing	Contact	Website if applicable
<p>State of Maryland Governor’s Office of Minority Affairs The mission of the Governor's Office of Minority Affairs (GOMA) is facilitating minority business enterprise activities through coordinating and promoting government programs aimed at strengthening and preserving the state’s minority and women owned businesses.</p>	<p>Governor's Office of Minority Affairs Suite 1502 6 Saint Paul Street Baltimore MD 21202 767-8232 1-(877) 558-0998 f-(410) 333-7568 info@mdminoritybusiness.com</p>	<p>http://www.oma.state.md.us/</p>
<p>U.S. Small Business Administration (SBA) In addition to the national office, the SBA has local district and regional offices to assist small businesses in contracting with the public and private sector.</p>	<p>Website</p>	<p>www.sba.gov/category/navigation-structure/contracting/working-with-government</p>
<p>CCR/Pro-Net is an extensive database that combines the SBA’s Pro-Net database and the DOD’s Central Contractor Registration database of small businesses.</p>	<p>CCR Assistance Center 888-227-2423 269-961-5757 DSN: 661-5757</p>	<p>www.ccr.gov/ Select “Dynamic Small Business</p>
<p>U. S. Small Business Administration (SBA) - MD. District Office</p>	<p>City Crescent Bld. 6th Floor 10 South Howard St. Baltimore MD 21201 Phone: 410 962-6195</p>	<p>www.sba.gov/tools/local-assistance/districtoffices</p>
<p>Minority Business Development Administration (MBDA): The MBDA is an agency within the U.S. Dept. of Commerce, created to foster the development and growth of minority businesses in the U.S. and coordinates resources in the public and private sectors to help MBE’s. Recipients and bidders should contact the centers and provide notices of contracting opportunities. Also, see the Phoenix database, which matches minority companies with business opportunities.</p>	<p>1401 Constitution Ave NW Washington, D.C. 20230 Email: support@mbda.gov 1.888.324.1551</p>	<p>www.mbda.gov/</p>
<p>Standard Industrial Classification Codes (SIC) or North American Industry Classification System (NAICS) codes visit the website.</p>	<p>Website</p>	<p>www.sba.gov/content/north-american-industry-classification-system-codes-and-small-business-size-standards</p>
<p>Maryland Department of Transportation (MDOT) and the Minority/Disadvantaged Business Enterprise (MDOT – MBE/DBE). Loan recipients and bidders may locate qualified M/WBE’s through the MBE/WBE Directory.</p>	<p>Office Address 7201 Corporate Drive Hanover, MD 21076 Or</p>	<p>www.mdot.maryland.gov/Office %20of%20Minority%20Business %20Enterprise/HomePage.html http://mbe.mdot.state.md.us/dir</p>

	Mailing Address: P.O. Box 548 Hanover, MD 21076	ectory/ Click on “Proceed to Directory. Select any combination of the fields to identify M/WBE’s for the specific project opportunities.
U.S. EPA Office of Small, Disadvantaged Business Utilization (OSDBU) – OSDBU’s mission includes “fostering opportunities for partnerships, contracts, subagreements, and grants for small and socioeconomically disadvantaged concerns”. One of the resources to assist prime contractors is a listing of small and disadvantaged businesses (a vendor profile system) registered with OSDBU.	US.EPA Office of Small Programs 1200 Pennsylvania Avenue NW Mail Code 1230T Washington, D.C. 20460	http://cfpub.epa.gov/sbvps/ http://www.epa.gov/osdbu/ Select “search the OSDBU Registry” Click on the search criteria of interest (ethnicity, size, SIC, etc.)
National Black Chamber of Commerce	1350 Connecticut Ave. N.W. Suite 405 Washington D.C. 20036 Phone: 202 466-6888 Fax: 202 466-4918	www.nationalbcc.org Email: info@nationalbcc.org
Virginia Hispanic Chamber of Commerce (Northern Va.)	8300 Boone Blvd., 4 TH Floor Vienna, VA 22182 Phone: 804.378.4099 Fax: 703 893-1269	www.vahcc.com
U.S. Hispanic Chamber of Commerce	2175 K Street NW Suite 100 Washington, D.C. 20037	www.usbcc.com
National Association of Minority Contractors (NAMC)	666 11 Street N.W. Suite 520 Washington D.C. 20001 Phone: 202 347-8250	www.namcnational.org/
Maryland/Washington Minority Contractors (MWMCA)	1107 North Point Blvd, Suite 227 Baltimore, MD 21224 410.282.6101 410.282.6102 –fax	www.mwmca.org
National Association of Women’s Business Owners (NAWBO) – National	1760 Old Meadow Rd. Ste 500 McLean VA 22102 Phone: 800.556.NAWBO 703.506.3268 703.506.3266-fax	www.nawbo.org

NAWBO Baltimore Regional Chapter	4404 Silverbrook Lane, Suite E-204 Owings Mills MD 21117 Phone: 410 876-0502 410.654.9734-fax	www.nawbomaryland.org Email: info@nawbomaryland.org
NAWBO Delaware Chapter	P.O. Box 4657 Greenville Station Greenville, DE 19807-4657 Phone: 302 355.9945	www.nawbodelaware.org Email: info@nawbodelaware.org
MD/DC Minority Supplier Development Council (MSDC)	10770 Columbia Pike Lower Level, Suite L100 Silver Spring MD 20901 Phone: 301 592-6710 Fax: 301 592-6704	http://mddccouncil.org/
National Minority Supplier Development Council, Inc. (NMSDC)	1040 Avenue of the Americas, 2 nd Floor New York, New York 10018 Phone: 212 944-2430 212.719.9611-fax	www.nmsdcus.org/
UIDA Business Services is a Native American Procurement and Technical Assistance Center-maintains a comprehensive database of Native American owned firms	86 South Cobb Drive, MZ:0510 Marietta, GA 30063-0510 Phone, 770 494-0431 770.494.1236-fax or <u>Northeast Region</u> 2340 Dulles Corner Blvd Mail Stop: 1n01 Herndon, VA 20171 Phone: 703.561.3120 703.561.3124-fax	
Diversity Business (A multi-cultural online resource)	200 Pequot Avenue Southport, CT 06890 Phone 203.255.8966 203.255.8501-fax	www.diversitybusiness.com/
National Association of Women in Construction	327 S. Adams Street Fort Worth, TX 76104 Phone: 1-800-552-3506 Phone: 817.877.5551 817.877.0324-fax	www.nawic.org/

III. PRESIDENTIAL DOCUMENTS

PRESIDENTIAL EXECUTIVE ORDER 13202 OF FEBRUARY 17, 2001 and PRESIDENTIAL EXECUTIVE ORDER 13208 OF APRIL 8, 2001 are appended as Attachment II.

IV SEVERABILITY

In the event any provision of the within and foregoing Requirement, including any attachment thereto, shall be held illegal, invalid, unconstitutional or unenforceable by any court of competent jurisdiction, such holding shall not invalidate, render unenforceable or otherwise affect any other provision hereof.

V. PROJECT SIGN

The prime contractor shall provide and erect a sign at a prominent location at each construction site. The owner shall approve the site for the sign erection. The sign shall be prepared in accordance with detailed instructions to be provided by Maryland Department of the Environment (MDE).

It shall be the responsibility of the contractor to protect and maintain the sign in good conditions throughout the life of the project.

Attachment II

Presidential Documents

Executive Order 13202 of February 17, 2001

Preservation of Open Competition and Government Neutrality Towards Government Contractors' Labor Relations on Federal and Federally Funded Construction Projects

By the authority vested in me as President by the Constitution and laws of the United States of America, including the Federal Property and Administrative Services Act, 40 U.S.C. 471 *et seq.*, and in order to (1) promote and ensure open competition on Federal and federally funded or assisted construction projects; (2) maintain Government neutrality towards Government contractors' labor relations on Federal and federally funded or assisted construction projects; (3) reduce construction costs to the Federal Government and to the taxpayers; (4) expand job opportunities, especially for small and disadvantaged businesses; and (5) prevent discrimination against Government contractors or their employees based upon labor affiliation or lack thereof; thereby promoting the economical, nondiscriminatory, and efficient administration and completion of Federal and federally funded or assisted construction projects, it is hereby ordered that:

Section 1. To the extent permitted by law, any executive agency awarding any construction contract after the date of this order, or obligating funds pursuant to such a contract, shall ensure that neither the awarding Government authority nor any construction manager acting on behalf of the Government shall, in its bid specifications, project agreements, or other controlling documents:

(a) Require or prohibit bidders, offerors, contractors, or subcontractors to enter into or adhere to agreements with one or more labor organizations, on the same or other related construction project(s); or

(b) Otherwise discriminate against bidders, offerors, contractors, or subcontractors for becoming or refusing to become or remain signatories or otherwise to adhere to agreements with one or more labor organizations, on the same or other related construction project(s).

(c) Nothing in this section shall prohibit contractors or subcontractors from voluntarily entering into agreements described in subsection (a).

Sec. 2. Contracts awarded before the date of this order, and subcontracts awarded pursuant to such contracts, whenever awarded, shall not be governed by this order.

Sec. 3. To the extent permitted by law, any executive agency issuing grants, providing financial assistance, or entering into cooperative agreements for construction projects, shall ensure that neither the bid specifications, project agreements, nor other controlling documents for construction contracts awarded after the date of this order by recipients of grants or financial assistance or by parties to cooperative agreements, nor those of any construction manager acting on their behalf, shall contain any of the requirements or prohibitions set forth in section 1(a) or (b) of this order.

Sec. 4. In the event that an awarding authority, a recipient of grants or financial assistance, a party to a cooperative agreement, or a construction manager acting on behalf of the foregoing, performs in a manner contrary to the provisions of sections 1 or 3 of this order, the executive agency awarding the contract, grant, or assistance shall take such action, consistent with law and regulation, as the agency determines may be appropriate.

Sec. 5. (a) The head of an executive agency may exempt a particular project, contract, subcontract, grant, or cooperative agreement from the requirements of any or all of the provisions of sections 1 and 3 of this order, if the agency head finds that special circumstances require an exemption in order to avert an imminent threat to public health or safety or to serve the national security.

(b) A finding of "special circumstances" under section 5(a) may not be based on the possibility or presence of a labor dispute concerning the use of contractors or subcontractors who are nonsignatories to, or otherwise do not adhere to, agreements with one or more labor organizations, or concerning employees on the project who are not members of or affiliated with a labor organization.

Sec. 6. (a) The term "construction contract" as used in this order means any contract for the construction, rehabilitation, alteration, conversion, extension, or repair of buildings, highways, or other improvements to real property.

(b) The term "executive agency" as used in this order shall have the same meaning it has in 5 U.S.C. 105, excluding the General Accounting Office.

(c) The term "labor organization" as used in this order shall have the same meaning it has in 42 U.S.C. 2000e(d).

Sec. 7. With respect to Federal contracts, within 60 days of the issuance of this order, the Federal Acquisition Regulatory Council shall take whatever action is required to amend the Federal Acquisition Regulation in order to implement the provisions of this order.

Sec. 8. As it relates to project agreements, Executive Order 12836 of February 1, 1993, which, among other things, revoked Executive Order 12818 of October 23, 1992, is revoked.

Sec. 9. The Presidential Memorandum of June 5, 1997, entitled "Use of Project Labor Agreements for Federal Construction Projects" (the "Memorandum"), is also revoked.

Sec. 10. The heads of executive departments and agencies shall revoke expeditiously any orders, rules, regulations, guidelines, or policies implementing or enforcing the Memorandum or Executive Order 12836 of February 1, 1993, as it relates to project agreements, to the extent consistent with law.

Sec. 11. This order is intended only to improve the internal management of the executive branch and is not intended to, nor does it, create any right to administrative or judicial review, or any right, whether substantive or procedural, enforceable by any party against the United States, its agencies or instrumentalities, its officers or employees, or any other person.



THE WHITE HOUSE,
February 17, 2001

Federal Register

Vol. 66, No. 70

Wednesday, April 11, 2001

Presidential Documents**Title 3—****Executive Order 13208 of April 8, 2001****The President****Amendment to Executive Order 13202, Preservation of Open Competition and Government Neutrality Towards Government Contractors' Labor Relations on Federal and Federally Funded Construction Projects**

By the authority vested in me as President by the Constitution and the laws of the United States of America, including the Federal Property and Administrative Services Act, 40 U.S.C. 471 *et seq.*, and in order to (1) promote and ensure open competition on Federal and federally funded or assisted construction projects; (2) maintain Government neutrality towards Government contractors' labor relations on Federal and federally funded or assisted construction projects; (3) reduce construction costs to the Federal Government and to the tax payers; (4) expand job opportunities, especially for small and disadvantaged businesses; (5) prevent discrimination against Government contractors or their employees based upon labor affiliation or lack thereof; and (6) prevent the inefficiency that may result from the disruption of a previously established contractual relationship in particular cases; thereby promoting the economical, nondiscriminatory, and efficient administration and completion of Federal and federally funded or assisted construction projects, it is hereby ordered that Executive Order 13202 of February 17, 2001, is amended by adding to section 5 of that order the following new subsection:

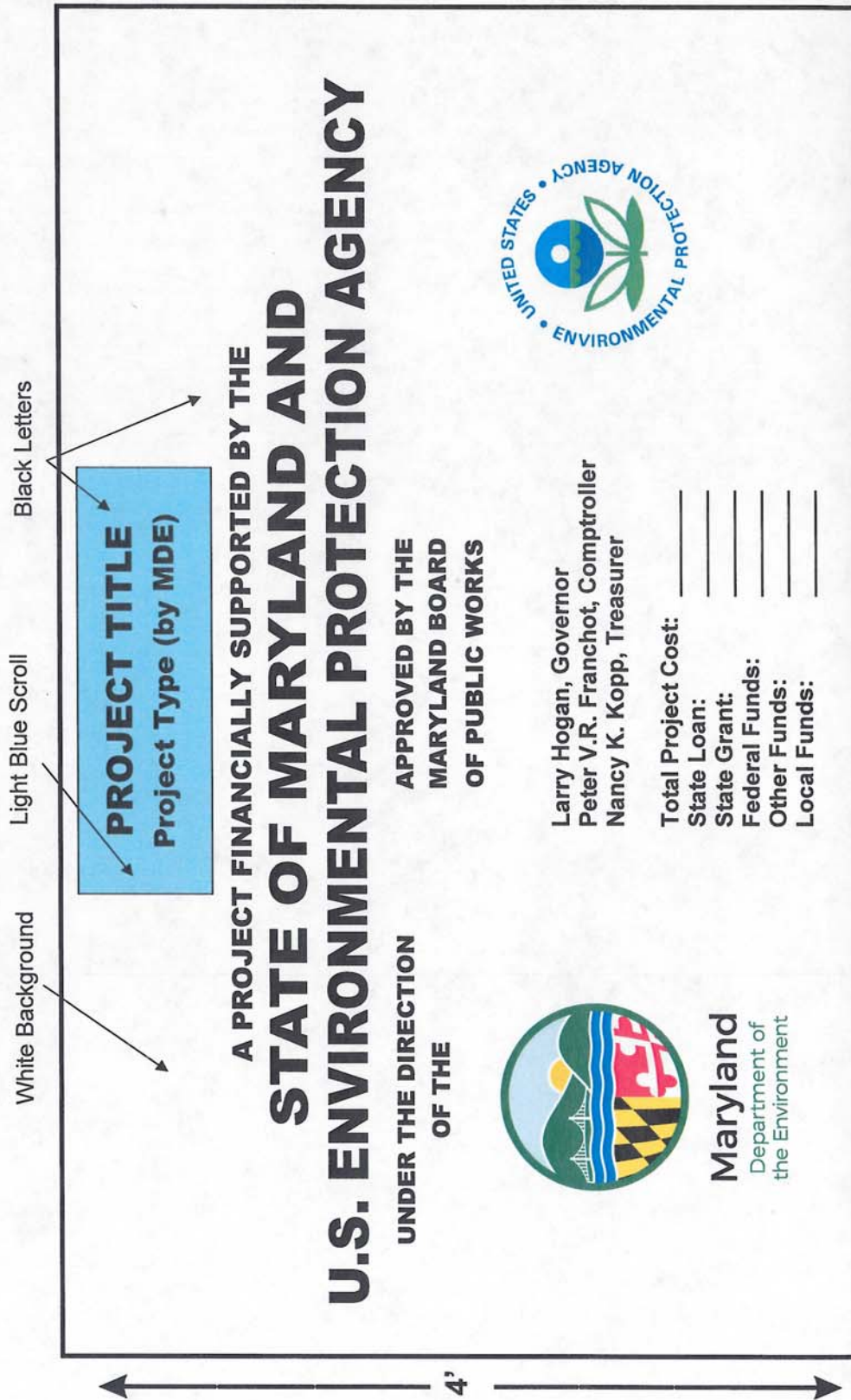
- (c) The head of an executive agency, upon application of an awarding authority, a recipient of grants or financial assistance, a party to a cooperative agreement, or a construction manager acting on behalf of the foregoing, may exempt a particular project from the requirements of any or all of the provisions of sections 1 and 3 of this order, if the agency head finds: (i) that the awarding authority, recipient of grants or financial assistance, party to a cooperative agreement, or construction manager acting on behalf of the foregoing had issued or was a party to, as of the date of this order, bid specifications, project agreements, agreements with one or more labor organizations, or other controlling documents with respect to that particular project, which contained any of the requirements or prohibitions set forth in sections 1(a) or (b) of this order; and (ii) that one or more construction contracts subject to such requirements or prohibitions had been awarded as of the date of this order.



THE WHITE HOUSE,
April 6, 2001.

[FR Doc. 01-9086
Filed 4-10-01; 8:45 am]
Billing code 3195-01-P

THE CONSTRUCTION SITE SIGN FOR PROJECTS FINANCIALLY SUPPORTED BY STATE REVOLVING LOAN FUNDS AND OTHER FUND SOURCES



PROJECT SIGN

Project Type:

Insert the selected item under the project title:

- Green Infrastructure Project - Constructing environmentally beneficial “green” infrastructure
- Wetlands - Creating wetlands to improve water quality and create wildlife habitat
- Stream restoration - Restoring streams to improve water quality and create wildlife habitat
- Living shorelines - Turning shorelines into living habitats to improve water quality and to reduce erosion and flooding
- Septic connections - Connecting homes to public sewer to eliminate failing septic systems, improve water quality, and protect public health
- Drinking water extension - Connecting homes to public water supply to improve drinking water quality
- Stormwater project - Reducing stormwater runoff to improve water quality, protect public health, and reduce flooding
- CSOs, Sewer project - Preventing sewer overflows to improve water quality and protect public health
- ENR - Reducing pollution to improve Maryland waterways and the Chesapeake Bay and to protect public health

VI. FEDERAL WAGE RATE REQUIREMENTS UNDER THE DAVIS-BACON AND RELATED ACTS

Preamble

With respect to the Clean Water and Safe Drinking Water State Revolving Funds, EPA provides capitalization grants to each State which in turn provides sub grants or loans to eligible entities within the State. Typically, the sub recipients are municipal or other local governmental entities that manage the funds. For these types of recipients, the provisions set forth under Roman numeral I, below, shall apply. Although EPA and the State remain responsible for ensuring sub recipients' compliance with the wage rate requirements set forth herein, those sub recipients shall have the primary responsibility to maintain payroll records as described in Section 3(ii)(A), below and for compliance as described in Section I-5.

Occasionally, the sub recipient may be a private for profit or not for profit entity. For these types of recipients, the provisions set forth in Roman Numeral II, below, shall apply. Although EPA and the State remain responsible for ensuring sub recipients' compliance with the wage rate requirements set forth herein, those sub recipients shall have the primary responsibility to maintain payroll records as described in Section II-3(ii)(A), below and for compliance as described in Section II-5.

I. Requirements For Sub recipients That Are Governmental Entities:

The following terms and conditions specify how recipients will assist EPA in meeting its Davis-Bacon (DB) responsibilities when DB applies to EPA awards of financial assistance with respect to State recipients and sub recipients that are governmental entities. If a sub recipient has questions regarding when DB applies, obtaining the correct DB wage determinations, DB provisions, or compliance monitoring, it may contact the State recipient. If a State recipient needs guidance, the recipient may contact Lorraine Fleury at fleury.lorraine@epa.gov, or (215) 814-2341, of EPA, Region III for guidance. The recipient or sub recipient may also obtain additional guidance from DOL's web site at <http://www.dol.gov/whd/>

1. Applicability of the Davis-Bacon (DB) prevailing wage requirements.

DB prevailing wage requirements apply to the construction, alteration, and repair of treatment works carried out in whole or in part with assistance made available by a State water pollution control revolving fund and to any construction project carried out in whole or in part by assistance made available by a drinking water treatment revolving loan fund. If a sub recipient encounters a unique situation at a site that presents uncertainties regarding DB applicability, the sub recipient must discuss the situation with the recipient State before authorizing work on that site.

2. Obtaining Wage Determinations.

(a) Sub recipients shall obtain the wage determination for the locality in which a covered activity subject to DB will take place prior to issuing requests for bids, proposals, quotes or other methods for soliciting contracts (solicitation) for activities subject to DB. These wage determinations shall be incorporated into solicitations and any subsequent contracts. Prime contracts must contain a provision requiring that subcontractors follow the wage determination incorporated into the prime contract.

- (i) While the solicitation remains open, the sub recipient shall monitor beta.SAM.gov weekly to ensure that the wage determination contained in the solicitation remains current. The sub recipients shall amend the solicitation if DOL issues a modification more than 10 days prior to the closing date (i.e. bid opening) for the solicitation. If DOL modifies or supersedes the

applicable wage determination less than 10 days prior to the closing date, the sub recipients may request a finding from the State recipient that there is not a reasonable time to notify interested contractors of the modification of the wage determination. The State recipient will provide a report of its findings to the sub recipient.

- (ii) If the sub recipient does not award the contract within 90 days of the closure of the solicitation, any modifications or supersedes DOL makes to the wage determination contained in the solicitation shall be effective unless the State recipient, at the request of the sub recipient, obtains an extension of the 90-day period from DOL pursuant to 29 CFR 1.6(c)(3)(iv). The sub recipient shall monitor beta.SAM.gov on a weekly basis if it does not award the contract within 90 days of closure of the solicitation to ensure that wage determinations contained in the solicitation remain current.

(b) If the sub recipient carries out activity subject to DB by issuing a task order, work assignment or similar instrument to an existing contractor (ordering instrument) rather than by publishing a solicitation, the sub

recipient shall insert the appropriate DOL wage determination from beta.SAM.gov into the ordering instrument.

(c) Sub recipients shall review all subcontracts subject to DB entered by prime contractors to verify that the prime contractor has required its subcontractors to include the applicable wage determinations.

(d) As provided in 29 CFR 1.6(f), DOL may issue a revised wage determination applicable to a sub recipient's contract after the award of a contract or the issuance of an ordering instrument if DOL determines that the sub recipient has failed to incorporate a wage determination or has used a wage determination that clearly does not apply to the contract or ordering instrument. If this occurs, the sub recipient shall either terminate the contract or ordering instrument and issue a revised solicitation or ordering instrument or incorporate DOL's wage determination retroactive to the beginning of the contract or ordering instrument by change order. The sub recipient's contractor must be compensated for any increases in wages resulting from the use of DOL's revised wage determination.

3. Contract and Subcontract provisions.

(a) The Recipient shall insure that the sub recipient(s) shall insert in full in any contract in excess of \$2,000 which is entered into for the actual construction, alteration and/or repair, including painting and decorating, of a treatment work under the CWSRF or a construction project carried out in whole or in part with assistance made available by the DWSRF, and which is subject to the labor standards provisions of any of the acts listed in § 5.1, the following clauses:

(1) Minimum wages.

(i) All laborers and mechanics employed or working upon the site of the work will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such

laborers and mechanics.

Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of paragraph (a)(1)(iv) of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in § 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: Provided that the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under paragraph (a)(1)(ii) of this section) and the Davis-Bacon poster (WH-1321) shall always be posted by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

Sub recipients may obtain wage determinations from the U.S. Department of Labor's web site, www.dol.gov.

(ii)(A) The sub recipient(s), on behalf of EPA, shall require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. The State award official shall approve a request for an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:

- (1) The work to be performed by the classification requested is not performed by a classification in the wage determination; and
- (2) The classification is utilized in the area by the construction industry; and
- (3) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(B) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the sub recipient(s) agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), documentation of the action taken and the request, including the local wage determination shall be sent by the sub recipient (s) to the State award official. The State award official will transmit the request, to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, DC 20210 and to the EPA DB Regional Coordinator concurrently. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification request within 30 days of receipt and so advise the State award official or will notify the State award official within the 30-day period that additional time is necessary.

(C) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and the sub recipient(s) do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the award official shall refer the request and the local wage determination, including the views of all interested parties and the recommendation of the State award official, to the Administrator for determination. The request shall be

sent to the EPA DB Regional Coordinator concurrently. The Administrator, or an authorized representative, will issue a determination within 30 days of receipt of the request and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(D) The wage rate (including fringe benefits where appropriate) determined pursuant to paragraphs (a)(1)(ii)(B) or (C) of this section, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

(iii) Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

(iv) If the contractor does not make payments to a trustee or other third person, the contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, Provided, That the Secretary of Labor has found, upon the written request of the contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account, assets for the meeting of obligations under the plan or program.

(2) Withholding. The sub recipient(s), shall upon written request of the EPA Award Official or an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor under this contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work, all or part of the wages required by the contract, the (Agency) may, after written notice to the contractor, sponsor, applicant, or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

(3) Payrolls and basic records.

(i) Payrolls and basic records relating thereto shall be maintained by the contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis-Bacon Act, the contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the

ratios and wage rates prescribed in the applicable programs.

(ii)(A) The contractor shall submit weekly, for each week in which any contract work is performed, a copy of all payrolls to the sub recipient, that is, the entity that receives the sub-grant or loan from the State capitalization grant recipient. Such documentation shall be available on request of the State recipient or EPA. As to each payroll copy received, the sub recipient shall provide written confirmation in a form satisfactory to the State indicating whether the project follows the requirements of 29 CFR 5.5(a)(1) based on the most recent payroll copies for the specified week. The payrolls shall set out

accurately and completely all the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on the weekly payrolls. Instead the payrolls shall only need to include an individually identifying number for each employee (e.g., the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at <http://www.dol.gov/whd/forms/wh347instr.htm> or its successor site.

The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker and shall provide them upon request to the sub recipient(s) for transmission to the State or EPA if requested by EPA, the State, the contractor, or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this section for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to the sub recipient(s).

(B) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:

(1) That the payroll for the payroll period contains the information required to be provided under § 5.5 (a)(3)(ii) of Regulations, 29 CFR part 5, the appropriate information is being maintained under § 5.5 (a)(3)(i) of Regulations, 29 CFR part 5, and that such information is correct and complete;

(2) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in Regulations, 29 CFR part 3;

(3) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.

(C) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph (a)(3)(ii)(B) of this section.

(D) The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under section 1001 of title 18 and section 231 of title 31 of the United States Code.

(iii) The contractor or subcontractor shall make the records required under paragraph (a)(3)(i) of this section available for inspection, copying, or transcription by authorized representatives of the State, EPA or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, the Federal agency or State may, after written notice to the contractor, sponsor, applicant, or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

(4) Apprentices and trainees

(i) Apprentices. Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice. The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work performed. In addition, any apprentice performing work on the job site more than the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the contractor's or subcontractor's registered program shall be observed. Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination. In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

(ii) Trainees. Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration. The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration. Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in

the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work performed. In addition, any trainee performing work on the job site more than the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. In the event the Employment and Training Administration withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

(iii) Equal employment opportunity. The utilization of apprentices, trainees and journeymen under this part shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended and 29 CFR part 30.

(5) Compliance with Copeland Act requirements. The contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this contract.

(6) Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses contained in 29 CFR 5.5(a)(1) through (10) and such other clauses as the EPA determines may be appropriate, and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in 29 CFR 5.5.

(7) Contract termination; debarment. A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.

(8) Compliance with Davis-Bacon and Related Act requirements. All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this contract.

(9) Disputes concerning labor standards. Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and sub recipient(s), State, EPA, the U.S. Department of Labor, or the employees or their representatives.

(10) Certification of eligibility.

(i) By entering into this contract, the contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

(ii) No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

(iii) The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.

4. Contract Provision for Contracts more than \$100,000.

(a) Contract Work Hours and Safety Standards Act. The sub recipient shall insert the following clauses set forth in paragraphs (a)(1), (2), (3), and (4) of this section in full in any contract in an amount in excess of \$100,000 and subject to the overtime provisions of the Contract Work Hours and Safety Standards Act. These clauses shall be inserted in addition to the clauses required by Item 3, above or 29 CFR 4.6. As used in this paragraph, the terms laborers and mechanics include watchmen and guards.

(1) Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

(2) Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (a)(1) of this section the contractor and any subcontractor responsible therefore shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (a)(1) of this section, in the sum of \$25 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (a)(1) of this section.

(3) Withholding for unpaid wages and liquidated damages. The sub recipient, upon written request of the EPA Award Official or an authorized representative of the Department of Labor, shall withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (a)(2) of this section.

(4) Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (a)(1) through (4) of this section and a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (a)(1) through (4) of this section.

(b) In addition to the clauses contained in Item 3, above, in any contract subject only to the Contract Work Hours and Safety Standards Act and not to any of the other statutes cited in 29 CFR 5.1, the Sub recipient shall insert a clause requiring that the contractor or subcontractor shall maintain payrolls and basic payroll records during the course of the work and shall preserve them for a period of three years from the completion of the contract for all laborers and mechanics, including guards and watchmen, working on the contract. Such records shall contain the name and address of each such employee, social

security number, correct classifications, hourly rates of wages paid, daily and weekly number of hours worked, deductions made, and actual wages paid. Further, the Sub recipient shall insert in any such contract a clause providing that the records to be maintained under this paragraph shall be made available by the contractor or subcontractor for inspection, copying, or transcription by authorized representatives of the (write the name of agency) and the Department of Labor, and the contractor or subcontractor will permit such representatives to interview employees during working hours on the job.

5. Compliance Verification

(a) The sub recipient shall periodically interview enough employees entitled to DB prevailing wages (covered employees) to verify that contractors or subcontractors are paying the appropriate wage rates. As provided in 29 CFR 5.6(a)(3), all interviews must be conducted in confidence. The sub recipient must use Standard Form 1445 (SF 1445) or equivalent documentation to memorialize the interviews. Copies of the SF 1445 are available from EPA on request.

(b) The sub recipient shall establish and follow an interview schedule based on its assessment of the risks of noncompliance with DB posed by contractors or subcontractors and the duration of the contract or subcontract. Sub recipients must conduct more frequent interviews if the initial interviews or other information indicated that there is a risk that the contractor or subcontractor is not complying with DB. Sub recipients shall immediately conduct interviews in response to an alleged violation of the prevailing wage requirements. All interviews shall be conducted in confidence."

(c) The sub recipient shall periodically conduct spot checks of a representative sample of weekly payroll data to verify that contractors or subcontractors are paying the appropriate wage rates. The sub recipient shall establish and follow a spot check schedule based on its assessment of the risks of noncompliance with DB posed by contractors or subcontractors and the duration of the contract or subcontract. At a minimum, if practicable, the sub recipient should spot check payroll data within two weeks of each contractor or subcontractor's submission of its initial payroll data and two weeks prior to the completion date the contract or subcontract. Sub recipients must conduct more frequent spot checks if the initial spot check or other information indicates that there is a risk that the contractor or subcontractor is not complying with DB. In addition, during the examinations the sub recipient shall verify evidence of fringe benefit plans and payments there under by contractors and subcontractors who claim credit for fringe benefit contributions.

(d) The sub recipient shall periodically review contractors and subcontractors use of apprentices and trainees to verify registration and certification with respect to apprenticeship and training programs approved by either the U.S Department of Labor or a state, as appropriate, and that contractors and subcontractors are not using disproportionate numbers of, laborers, trainees and apprentices. These reviews shall be conducted in accordance with the schedules for spot checks and interviews described in Item 5(b) and (c) above.

(e) Sub recipients must immediately report potential violations of the DB prevailing wage requirements to the EPA DB contact listed above and to the appropriate DOL Wage and Hour District Office listed at <http://www.dol.gov/whd/america2.htm>.

II. Requirements For Sub recipients That Are Not Governmental Entities:

The following terms and conditions specify how recipients will assist EPA in meeting its DB responsibilities when DB applies to EPA awards of financial assistance under the Safe Drinking Water Act, Section 1452(a)(5) with respect to sub recipients that are not governmental entities. If a sub

recipient has questions regarding when DB applies, obtaining the correct DB wage determinations, DB provisions, or compliance monitoring, it may contact the State recipient for guidance. If a State recipient needs guidance, the recipient may contact Vincent G. Gallo at gallo.vince@epa.gov, or at (215) 814-5773, EPA Grants Management Office for guidance. The recipient or sub recipient may also obtain additional guidance from DOL's web site at <http://www.dol.gov/whd/>

Under these terms and conditions, the sub recipient must submit its proposed DB wage determinations to the State recipient for approval prior to including the wage determination in any solicitation, contract task orders, work assignments, or similar instruments to existing contractors.

1. Applicability of the Davis- Bacon (DB) prevailing wage requirements.

DB prevailing wage requirements apply to the construction, alteration, and repair of treatment works carried out in whole or in part with assistance made available by a State water pollution control revolving fund and to any construction project carried out in whole or in part by assistance made available by a drinking water treatment revolving loan fund. If a sub recipient encounters a unique situation at a site that presents uncertainties regarding DB applicability, the sub recipient must discuss the situation with the recipient State before authorizing work on that site.

2. Obtaining Wage Determinations.

(a) Sub recipients must obtain proposed wage determinations for specific localities at beta.SAM.gov. After the Sub recipient obtains its proposed wage determination, it must submit the wage determination to Bambi Turner, bambi.turner1@maryland.gov, (410) 537-3146, for approval prior to inserting the wage determination into a solicitation, contract or issuing task orders, work assignments or similar instruments to existing contractors (ordering instruments unless subsequently directed otherwise by the State recipient Award Official.)

(b) Sub recipients shall obtain the wage determination for the locality in which a covered activity subject to DB will take place prior to issuing requests for bids, proposals, quotes or other methods for soliciting contracts (solicitation) for activities subject to DB. These wage determinations shall be incorporated into solicitations and any subsequent contracts. Prime contracts must contain a provision requiring that subcontractors follow the wage determination incorporated into the prime contract.

- (i) While the solicitation remains open, the sub recipient shall monitor beta.SAM.gov on a weekly basis to ensure that the wage determination contained in the solicitation remains current. The sub recipients shall amend the solicitation if DOL issues a modification more than 10 days prior to the closing date (i.e. bid opening) for the solicitation. If DOL modifies or supersedes the applicable wage determination less than 10 days prior to the closing date, the sub recipients may request a finding from the State recipient that there is not a reasonable time to notify interested contractors of the modification of the wage determination. The State recipient will provide a report of its findings to the sub recipient.
- (ii) If the sub recipient does not award the contract within 90 days of the closure of the solicitation, any modifications or supersedes DOL makes to the wage determination contained in the solicitation shall be effective unless the State recipient, at the request of the sub recipient, obtains an extension of the 90-day period from DOL pursuant to 29 CFR 1.6(c)(3)(iv). The sub recipient shall monitor beta.SAM.gov on a weekly basis if it does not award the contract within 90 days of closure of the solicitation to ensure that wage

determinations contained in the solicitation remain current.

(c) If the sub recipient carries out activity subject to DB by issuing a task order, work assignment or similar instrument to an existing contractor (ordering instrument) rather than by publishing a solicitation, the sub recipient shall insert the appropriate DOL wage determination from beta.SAM.gov into the ordering instrument.

(d) Sub recipients shall review all subcontracts subject to DB entered by prime contractors to verify that the prime contractor has required its subcontractors to include the applicable wage determinations.

(e) As provided in 29 CFR 1.6(f), DOL may issue a revised wage determination applicable to a sub recipient's contract after the award of a contract or the issuance of an ordering instrument if DOL determines that the sub recipient has failed to incorporate a wage determination or has used a wage determination that clearly does not apply to the contract or ordering instrument. If this occurs, the sub recipient shall either terminate the contract or ordering instrument and issue a revised solicitation or ordering instrument or incorporate DOL's wage determination retroactive to the beginning of the contract or ordering instrument by change order. The sub recipient's contractor must be compensated for any increases in wages resulting from the use of DOL's revised wage determination.

3. Contract and Subcontract provisions.

(a) The Recipient shall insure that the sub recipient(s) shall insert in full in any contract in excess of \$2,000 which is entered into for the actual construction, alteration and/or repair, including painting and decorating, of a treatment work under the CWSRF or a construction project carried out in whole or in part with assistance made available by the DWSRF, and which is subject to the labor standards provisions of any of the acts listed in § 5.1, the following clauses:

(1) Minimum wages.

(i) All laborers and mechanics employed or working upon the site of the work, will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics.

Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of paragraph (a)(1)(iv) of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work performed, without regard to skill, except as provided in § 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time worked therein: Provided, that the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under paragraph (a)(1)(ii) of this section) and the Davis-Bacon

poster (WH-1321) shall always be posted by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

Sub recipients may obtain wage determinations from the U.S. Department of Labor's web site, beta.SAM.gov.

(ii)(A) The sub recipient(s), on behalf of EPA, shall require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. The State award official shall approve a request for an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:

(1) The work to be performed by the classification requested is not performed by a classification in the wage determination; and

(2) The classification is utilized in the area by the construction industry; and

(3) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(B) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the sub recipient(s) agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), documentation of the action taken and the request, including the local wage determination shall be sent by the sub recipient(s) to the State award official. The State award official will transmit the report, to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, DC 20210 and to the EPA DB Regional Coordinator concurrently. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification request within 30 days of receipt and so advise the State award official or will notify the State award official within the 30-day period that additional time is necessary.

(C) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and the and the sub recipient(s) do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the award official shall refer the request, and the local wage determination, including the views of all interested parties and the recommendation of the State award official, to the Administrator for determination. The request shall be sent to the EPA Regional Coordinator concurrently. The Administrator, or an authorized representative, will issue a determination within 30 days of receipt of the request and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(D) The wage rate (including fringe benefits where appropriate) determined pursuant to paragraphs (a)(1)(ii)(B) or (C) of this section, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

(iii) Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

(iv) If the contractor does not make payments to a trustee or other third person, the contractor may

consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, Provided, That the Secretary of Labor has found, upon the written request of the contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account, assets for the meeting of obligations under the plan or program.

(2) Withholding. The sub recipient(s) shall upon written request of the EPA Award Official or an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor under this contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work, all or part of the wages required by the contract, the (Agency) may, after written notice to the contractor, sponsor, applicant, or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

(3) Payrolls and basic records.

(i) Payrolls and basic records relating thereto shall be maintained by the contractor during the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis-Bacon Act, the contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

(ii)(A) The contractor shall submit weekly, for each week in which any contract work is performed, a copy of all payrolls to the sub recipient, that is, the entity that receives the sub-grant or loan from the State capitalization grant recipient. Such documentation shall be available on request of the State recipient or EPA. As to each payroll copy received, the sub recipient shall provide written confirmation in a form satisfactory to the State indicating whether the project follows the requirements of 29 CFR 5.5(a)(1) based on the most recent payroll copies for the specified week. The payrolls shall set out accurately and completely all the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on the weekly payrolls. Instead the payrolls shall only need to include an individually identifying number for each employee (e.g., the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at <http://www.dol.gov/whd/forms/wh347instr.htm>

or its successor site.

The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker and shall provide them upon request to the sub recipient(s) for transmission to the State or EPA if requested by EPA, the State, the contractor, or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this section for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to the sub recipient(s).

(B) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:

(1) That the payroll for the payroll period contains the information required to be provided under § 5.5 (a)(3)(ii) of Regulations, 29 CFR part 5, the appropriate information is being maintained under § 5.5 (a)(3)(i) of Regulations, 29 CFR part 5, and that such information is correct and complete;

(2) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in Regulations, 29 CFR part 3;

(3) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.

(C) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph (a)(3)(ii)(B) of this section.

(D) The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under section 1001 of title 18 and section 231 of title 31 of the United States Code.

(iii) The contractor or subcontractor shall make the records required under paragraph (a)(3)(i) of this section available for inspection, copying, or transcription by authorized representatives of the State, EPA or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, the Federal agency or State may, after written notice to the contractor, sponsor, applicant, or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

(4) Apprentices and trainees--

(i) Apprentices. Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide

apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice. The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work performed. In addition, any apprentice performing work on the job site more than the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the contractor's or subcontractors registered program shall be observed. Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination. In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

(ii) Trainees. Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration. The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration. Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work performed. In addition, any trainee performing work on the job site more than the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work performed. In the event the Employment and Training Administration withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

(iii) Equal employment opportunity. The utilization of apprentices, trainees and journeymen under this

part shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended and 29 CFR part 30.

(5) Compliance with Copeland Act requirements. The contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this contract.

(6) Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses contained in 29 CFR 5.5(a)(1) through (10) and such other clauses as the EPA determines may be appropriate, and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in 29 CFR 5.5.

(7) Contract termination: debarment. A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.

(8) Compliance with Davis-Bacon and Related Act requirements. All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this contract.

(9) Disputes concerning labor standards. Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and Sub recipient(s), State, EPA, the U.S. Department of Labor, or the employees or their representatives.

(10) Certification of eligibility.

(i) By entering into this contract, the contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

(ii) No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

(iii) The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.

4. Contract Provision for Contracts more than \$100,000.

(a) Contract Work Hours and Safety Standards Act. The sub recipient shall insert the following clauses set forth in paragraphs (a)(1), (2), (3), and (4) of this section in full in any contract in an amount more than \$100,000 and subject to the overtime provisions of the Contract Work Hours and Safety Standards Act. These clauses shall be inserted in addition to the clauses required by Item 3, above or 29 CFR 4.6. As used in this paragraph, the terms laborers and mechanics include watchmen and guards.

(1) Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less

than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

(2) Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (b)(1) of this section the contractor and any subcontractor responsible therefore shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (b)(1) of this section, in the sum of \$25 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (b)(1) of this section.

(3) Withholding for unpaid wages and liquidated damages. The sub recipient shall upon the request of the EPA Award Official or an authorized representative of the Department of Labor, withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (a)(2) of this section.

(4) Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (a)(1) through (4) of this section and a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (a)(1) through (4) of this section.

(c) In addition to the clauses contained in Item 3, above, in any contract subject only to the Contract Work Hours and Safety Standards Act and not to any of the other statutes cited in 29 CFR 5.1, the Sub recipient shall insert a clause requiring that the contractor or subcontractor shall maintain payrolls and basic payroll records during the course of the work and shall preserve them for a period of three years from the completion of the contract for all laborers and mechanics, including guards and watchmen, working on the contract. Such records shall contain the name and address of each such employee, social security number, correct classifications, hourly rates of wages paid, daily and weekly number of hours worked, deductions made, and actual wages paid. Further, the Sub recipient shall insert in any such contract a clause providing that the records to be maintained under this paragraph shall be made available by the contractor or subcontractor for inspection, copying, or transcription by authorized representatives of the (write the name of agency) and the Department of Labor, and the contractor or subcontractor will permit such representatives to interview employees during working hours on the job.

5. Compliance Verification

(a) The sub recipient shall periodically interview enough employees entitled to DB prevailing wages (covered employees) to verify that contractors or subcontractors are paying the appropriate wage rates. As provided in 29 CFR 5.6(a)(3), all interviews must be conducted in confidence. The sub recipient must use Standard Form 1445 (SF 1445) or equivalent documentation to memorialize the interviews. Copies of the SF 1445 are available from EPA on request.

(b) The sub recipient shall establish and follow an interview schedule based on its assessment of the risks of noncompliance with DB posed by contractors or subcontractors and the duration of the contract or subcontract. Sub recipients must conduct more frequent interviews if the initial interviews or other information indicated that there is a risk that the contractor or subcontractor is not complying with DB. Sub recipients shall immediately conduct interviews in response to an alleged violation of the prevailing wage requirements. All interviews shall be conducted in confidence."

(c). The sub recipient shall periodically conduct spot checks of a representative sample of weekly payroll data to verify that contractors or subcontractors are paying the appropriate wage rates. The sub recipient shall establish and follow a spot check schedule based on its assessment of the risks of noncompliance with DB posed by contractors or subcontractors and the duration of the contract or subcontract. At a minimum, if practicable the sub recipient should spot check payroll data within two weeks of each contractor or subcontractor's submission of its initial payroll data and two weeks prior to the completion date the contract or subcontract. Sub recipients must conduct more frequent spot checks if the initial spot check or other information indicates that there is a risk that the contractor or subcontractor is not complying with DB. In addition, during the examinations the sub recipient shall verify evidence of fringe benefit plans and payments there under by contractors and subcontractors who claim credit for fringe benefit contributions.

(d). The sub recipient shall periodically review contractors and subcontractors use of apprentices and trainees to verify registration and certification with respect to apprenticeship and training programs approved by either the U.S Department of Labor or a state, as appropriate, and that contractors and subcontractors are not using disproportionate numbers of, laborers, trainees and apprentices. These reviews shall be conducted in accordance with the schedules for spot checks and interviews described in Item 5(b) and (c) above.

(e) Sub recipients must immediately report potential violations of the DB prevailing wage requirements to the EPA DB contact listed above and to the appropriate DOL Wage and Hour District Office listed at <https://www.dol.gov/whd/america2.htm>.

GENERAL GUIDANCE

Requirement for use of American Iron and Steel (AIS) Products Under Water Quality and Drinking Water State Revolving Fund (WQ/DW SRF) projects

The grant/loan recipient is hereby being advised that failure to meet the AIS requirements can result in reallocating the funds to another project anywhere in the State based on the priority ranking.

Applicability:

An iron or steel product (greater than 50% iron or steel, measured by cost) is one of the following that is permanently incorporated into the WQ/DW SRF capital project.

1. Lined or unlined pipes or fitting
2. Manhole Covers
3. Municipal Castings:
Examples of municipal castings:
Access Hatches; Ballast Screen; Benches (Iron or Steel); Bollards; Cast Bases; Cast Iron Hinged Hatches, Square and Rectangular; Cast Iron Riser Rings; Catch Basin Inlet; Cleanout/Monument Boxes; Construction Covers and Frames; Curb and Corner Guards; Curb Openings; Detectable Warning Plates; Downspout Shoes (Boot, Inlet); Drainage Grates, Frames and Curb Inlets; Inlets; Junction Boxes; Lampposts; Manhole Covers, Rings and Frames, Risers; Meter Boxes; Steel Hinged Hatches, Square and Rectangular; Steel Riser Rings; Trash receptacles; Tree Grates; Tree Guards; Trench Grates; and Valve Boxes, Covers and Risers.
4. Hydrants
5. Tanks
6. Flanges
7. Pipe clamps and restraints
8. Valves
9. Structural steel:
Examples of structural steel are:
Rolled flanged shapes such as I-beams, channels, angles, tees, zees, and include H-piles, sheet piling, tie plates, cross ties etc.
10. Reinforced precast concrete
11. Construction materials:
Examples of construction materials are:
Wire rod, bar, angles, concrete reinforcing bar, wire, wire cloth, wire rope and cables, tubing, framing, joists, trusses, fasteners, welding rods, decking, grating, railings, stairs, access ramps, fire escapes, ladders, wall panels, dome structures, roofing, ductwork, surface drains, cable hanging systems, manhole steps, fencing and fence tubing, guardrails, doors, gates, and screens etc.

Not Applicable:

The requirements are not applicable to the following items because they are not considered construction materials:

Gear reducers, drives, mixers, heat exchangers, pumps, motors, blowers/aeration equipment, meters, variable frequency drives (VFDs), valve actuators, controls, supervisory control and data acquisition (SCADA), membrane bioreactor systems, membrane filtration systems, filters, disinfection systems, belt presses, HVAC (excluding ductwork), water heaters, generators, cabinetry and housings, lighting fixtures, electrical conduit, emergency life systems, metal office furniture, shelving, laboratory equipment, and analytical instrumentation.

Certification Process:

The final manufacturer that delivers the iron or steel product to worksite, vendor, or contractor, may provide a certification asserting that all manufacturing processes occurred in the US. The certification should include the project name, the name of the manufacturer, the location of the manufacturing facility where the product or process took place (not its headquarters), a description of the product or item being delivered, AIS reference, and a signature by a manufacturer's responsible party.

Additional documentation such as Step Certification may be needed if the certification is lacking important information. A Step Certification is a process under which each handler (supplier, fabricator, manufacturer, processor, etc) of the iron and steel products certifies that their step in the process was domestically performed. Each time a step in the manufacturing process takes place, the manufacturer delivers its work along with a certification of its origin.

The grant/loan recipient must maintain all certifications in the project files and readily available upon request by MDE or EPA.

Waiver:

The grant/loan recipient is expected to be aware of a need for a waiver and plan for it in a way that does not delay construction. Therefore, MDE and EPA should not be expected to expedite any waiver review to avoid construction delays. The grant/loan recipient may seek a waiver prior to installation of the product, under one or a combination of three qualifying criteria:

- Applying the AIS requirements of the Act would be inconsistent with the public interest;
- AIS products are not produced in the United States in sufficient and reasonably available quantities and of a satisfactory quality; or
- Inclusion of AIS products produced in the USA will increase the overall project cost by more than 25%.

De Minimis Nationwide Waiver:

A De Minimis Nationwide Waiver was issued by EPA allowing non-AIS miscellaneous, generally low-cost components that are essential for, but incidental to, the construction and are incorporated into the physical structure of the project. The total cost for these incidental components should not exceed 5% of the total cost of the materials used in and incorporated into a project.

To be covered under this waiver, the grant/loan recipient must, in consultation with the contractor, take the following actions:

1. Retain relevant documentation (i.e. invoices) as to those items being covered in their project files.
2. Summarize in reports to MDE the types and/or categories of items to which this waiver is applied, including the cost of each category/type. The report must also include the total cost of items covered by the waiver, the total cost of all materials used in and incorporated into the project, and the percentage of covered incidental items calculated by cost.
3. Upon the receipt of the report, MDE, within 30 calendar day of receipt, will accept and file the report, request additional information, or advise the grant/loan recipient that the items cannot be covered under this waiver and a project specific waiver is needed.
4. If no comments received by MDE within 30 calendar days, the grant/loan recipient would not need to take any further action, unless more incidental items need to be covered, at which time cumulative summary would need to be submitted to MDE.

For Additional AIS Guidance Use the Link Below:

<https://www.epa.gov/cwsrf/american-iron-and-steel-requirement-guidance-and-questions-and-answers>

MDE Contact for Waiver Request: Walid Saffouri, Program Administrator
Engineering and Capital Projects Program
(410) 537-3757
Walid.saffouri@maryland.gov

This Page Intentionally Left Blank

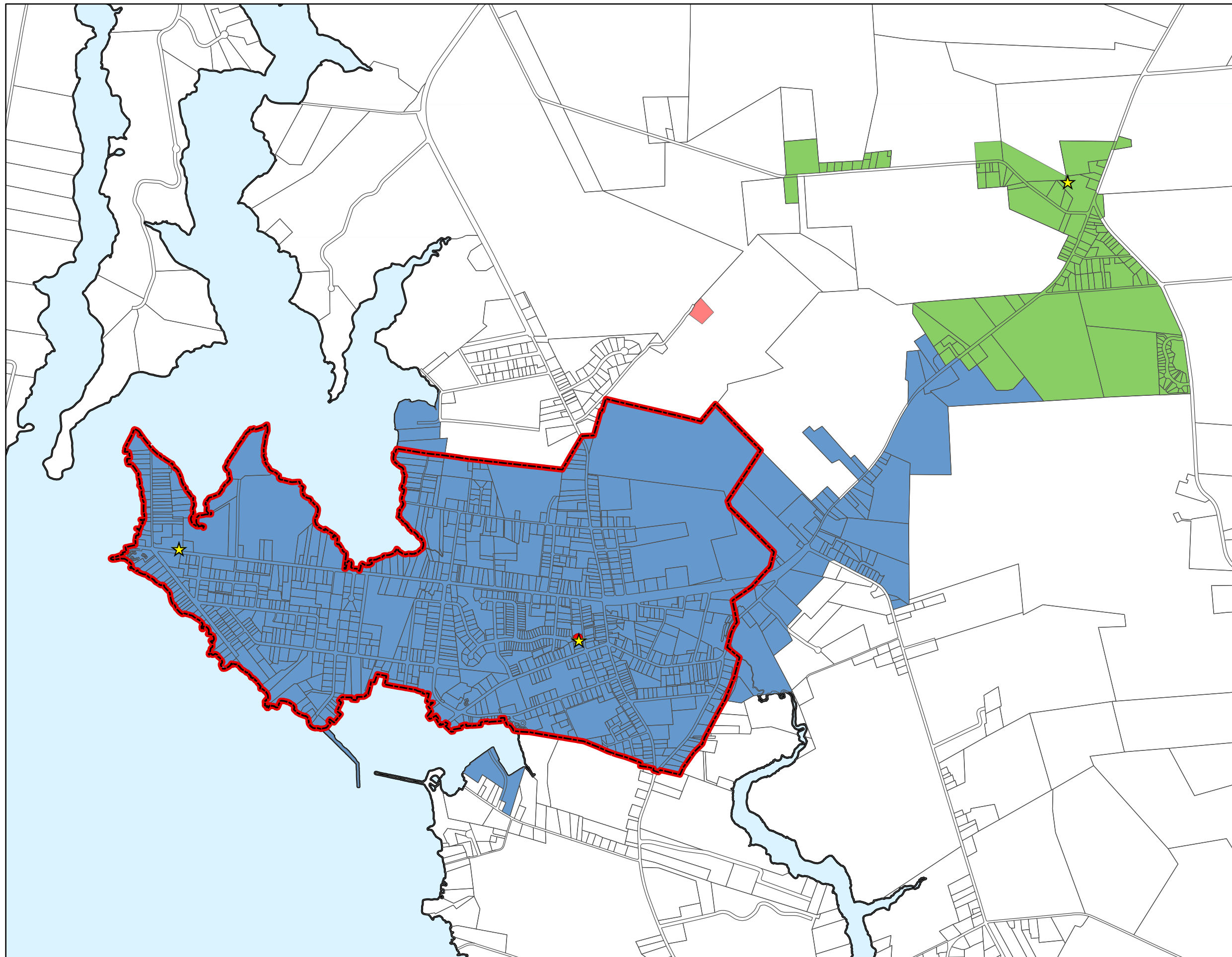


FIGURE 3-2

**TOWN OF ROCK HALL
WATER TREATMENT PLANT &
WATER SERVICE AREA**

Legend

- ★ Water Tower
- Treatment Plant
- Existing Town Service
- Existing County Service
- Planned County Service
- ▭ Incorporated Town
- ▭ County Boundary

NOTES:
Includes Edesville and Wesley Chapel
Corridor Water Service Areas

Kent County
Comprehensive Water & Sewer Plan
2018



1 inch = 1,500 feet

This Page Intentionally Left Blank

Line Item	Location ID	Account #	Service Address	CI	Meter Size	Replace Pit	Replace Lateral	Pit Size	Pit Shape	Meter Depth >2'	Meter Depth <1'	Notes
1	ANN -021272-0000-00	E20424	21272 ANN ST	RE	0.75	N	N	10	Rd or Oval	16	--	
2	ANN -021291-0000-00	E20204	21291 ANN ST	RE	0.75	N	N	10	Rd	14	--	
3	ANN -021303-0000-00	E20765	21303 ANN ST	RE	0.75	N	N	10	Oval	14	--	
4	ANN -021308-0000-00	E20212	21308 ANN ST	RE	0.75	N	N	10	Rd	22	--	
5	ANN -021313-0000-00	E20770	21313 ANN ST	RE	0.75	Y	N	10	Rd or Oval	14	--	along Parkview Ave
6	ANN -021330-0000-00	E20769	21330 ANN ST	RE	0.75	N	N	10x15	Rect	--	6	
7	ANN -021331-0000-00	E20774	21331 ANN ST	RE	0.75	N	N	10x15	Rect	--	10	Lid 11.5x17
8	BAY -005761-0000-00	C20352	5761 BAY RD	RE	0.75	N	N	10	Rd or Oval	15	--	Plastic Pit
9	BAY -005767-0000-00	C20466	5767 BAY RD	RE	0.75	N	N	10	Rd or Oval	20	--	Plastic Pit
10	BAY -005772-0000-00	C20365	5772 BAY RD	RE	0.75	N	N	10	Rd or Oval	14	--	Plastic Pit
11	BCLA-005803-0A23-00	E20967	5803 BLUE CLAW COURT CT #A-23	RE	0.75	N	N			19	--	Plastic Pit
12	BCLA-005805-0A22-00	E21112	5805 BLUE CLAW COURT CT #A-22	RE	0.75	N	N		Rd	14	--	Plastic Pit
13	BCLA-005806-A/09-00	E21119	5806 BLUE CLAW COURT CT	RE	0.75	N	N		Rd	19	--	
14	BCLA-005807-A-21-00	E21111	5807 BLUE CLAW COURT CT #A-21	RE	0.75	N	N		Rd	12	--	
15	BCLA-005808-A-10-00	E21003	5808 BLUE CLAW COURT CT #A-10	RE	0.75	N	N		Rd	14	--	
16	BCLA-005809-A-20-00	E21009	5809 BLUE CLAW COURT CT #A-20	RE	0.75	N	N		Rd	14	--	
17	BCLA-005810-0000-00	E21120	5810 BLUE CLAW COURT CT	RE	0.75	N	N		Rd	14	--	
18	BCLA-005811-0000-00	E20905	5811 BLUE CLAW COURT CT	RE	0.75	N	N		Rd	14	--	
19	BCLA-005812-0000-00	E20988	5812 BLUE CLAW COURT CT	RE	0.75	N	N		Rd	29	--	
20	BCLA-005813-0000-00	E20006	5813 BLUE CLAW COURT CT A18	RE	0.75	N	N		Rd	14	--	
21	BCLA-005814-0000-00	E21121	5814 BLUE CLAW COURT CT	RE	0.75	N	N		Rd	14	--	
22	BCLA-005815-A-17-00	E20995	5815 BLUE CLAW COURT CT #A-17	RE	0.75	N	N		Rd	14	--	
23	BCLA-005817-A-16-00	E21008	5817 BLUE CLAW COURT CT #A-16	RE	0.75	N	N		Rd	14	--	
24	BCLA-005818-A-15-00	E20998	5818 BLUE CLAW COURT #A-15	RE	0.75	N	N		Rd	14	--	
25	BEAC-000000-0000-00	B20896	BEACH RD & ROCK HALL AVE	CO	0.75	N	N					Yard Hydrant - Gratitude Marina
26	BEAC-000000-0000-01	C20938	5840 BEACH RD	RE	0.75	N	N		Rd	14	--	
27	BEAC-005735-0000-00	C20630	5735 BEACH RD	RE	0.75	N	N			--	12	Plastic
28	BEAC-005738-0000-00	C20465	5738 BEACH RD	RE	0.75	N	N			20	--	Plastic
29	BEAC-005748-0000-00	C20350	5748 BEACH RD	RE	0.75	N	N			--	11	Plastic
30	BEAC-005754-0000-00	C20351	5754 BEACH RD	RE	0.75	N	N			--	10	Plastic
31	BEAC-005759-0000-00	C20349	5759 BEACH RD	RE	0.75	N	N			16	--	Plastic
32	BEAC-005763-0000-00	C20930	5763 BEACH RD	RE	0.75	N	N			26	--	Plastic
33	BEAC-005767-0000-00	C20542	5767 BEACH RD	RE	0.75	N	N			20	--	Plastic
34	BEAC-005771-0000-00	C20464	5771 BEACH RD	RE	0.75	N	N			--	12	Plastic
35	BEAC-005775-0000-00	C20348	5775 BEACH RD	RE	0.75	N	N			--	12	Plastic
36	BEAC-005779-0000-00	C20347	5779 BEACH RD	RE	0.75	N	N			--	12	Plastic
37	BEAC-005783-0000-00	C20346	5783 BEACH RD	RE	0.75	N	N			--	12	Plastic
38	BEAC-005787-0000-00	C20345	5787 BEACH RD	RE	0.75	N	N			--	12	Plastic
39	BEAC-005791-0000-00	C20541	5791 BEACH RD	RE	0.75	N	N			--	12	Plastic
40	BEAC-005795-0000-00	C20344	5795 BEACH RD	RE	0.75	N	N			--	12	Plastic
41	BEAC-005798-0000-00	C20343	5798 BEACH RD	RE	0.75	N	N			--	12	Plastic
42	BEAC-005799-0000-00	C20353	5799 BEACH RD	RE	0.75	N	N			--	12	Plastic
43	BEAC-005804-0000-00	C20540	5804 BEACH RD	RE	0.75	N	N			--	12	Plastic
44	BEAC-005807-0000-00	C20467	5807 BEACH RD	RE	0.75	N	N			--	12	Plastic
45	BEAC-005814-0000-00	C20538	5814 BEACH RD	RE	0.75	N	N			--	12	Plastic
46	BEAC-005815-0000-00	C20539	5815 BEACH RD	RE	0.75	N	N			--	12	Plastic
47	BEAC-005818-0000-00	C20463	5818 BEACH RD	RE	0.75	N	N			--	12	Plastic
48	BEAC-005822-0000-00	C20342	5822 BEACH RD	RE	0.75	N	N			--	10	Plastic
49	BEAC-005826-0000-00	C20341	5826 BEACH RD	RE	0.75	N	N			--	12	Plastic
50	BEAC-005830-0000-00	C20340	5830 BEACH RD	RE	0.75	N	N			--	12	Plastic
51	BEAC-005835-0000-00	C20560	5835 BEACH RD	RE	0.75	N	N			--	12	Plastic
52	BEAC-005838-0000-00	C20537	5838 BEACH RD	RE	0.75	N	N			--	13	Plastic
53	BEAC-005844-0000-00	C20462	5844 BEACH RD	RE	0.75	N	N			--	12	Plastic
54	BEAC-005847-0000-00	C20487	5847 BEACH RD	RE	0.75	N	N			--	12	Plastic
55	BEAC-005852-0000-00	C20339	5852 BEACH RD	RE	0.75	N	N			--	12	Plastic
56	BEAC-005856-0000-00	C20338	5856 BEACH RD	RE	0.75	N	N			--	12	Plastic
57	BEAC-005860-0000-00	C20337	5860 BEACH RD	RE	0.75	N	N			--	12	Plastic
58	BEAC-005869-0000-00	C20478	5869 BEACH RD	RE	0.75	N	N		Rd	14	--	
59	BEAC-005870-0000-00	C20336	5870 BEACH RD	RE	0.75	N	N			--	12	Plastic
60	BEAC-005878-0000-00	C20334	5878 BEACH RD	RE	0.75	N	N			--	12	Plastic
61	BEAC-005879-0000-00	C20335	5879 BEACH RD	RE	0.75	N	N			--	12	Plastic
62	BEAC-005884-0000-00	C20333	5884 BEACH RD	RE	0.75	N	N			--	12	Plastic
63	BEAC-005888-0000-00	C20536	5888 BEACH RD	RE	0.75	N	N			--	12	Plastic
64	BEAC-005892-0000-00	C20535	5892 BEACH RD	RE	0.75	N	N			--	12	Plastic
65	BEAC-005896-0000-00	C20461	5896 BEACH RD	RE	0.75	N	N			--	12	Plastic
66	BOUN-005535-0000-00	E20258	5535 BOUNDARY AVE	RE	0.75	Y	N			--	12	
67	BOUN-005543-0000-00	E20259	5543 BOUNDARY AVE	RE	0.75	N	N	10	Rd or Oval	17	--	
68	BOUN-005548-0000-00	E20260	5548 BOUNDARY AVE	RE	0.75	N	N	10	Rd or Oval	--	12	
69	BOUN-005551-0000-00	E20818	5551 BOUNDARY AVE	RE	0.75	Y	N			--	12	Plastic
70	BOUN-005555-0000-00	E20819	5555 BOUNDARY AVE	RE	0.75	N	N	10	Rd or Oval	20	--	
71	BOUN-005565-0000-00	E20261	5565 BOUNDARY AVE	RE	0.75	N	N		Sq	15	--	
72	BOUN-005571-0000-00	E20431	5571 BOUNDARY AVE	RE	0.75	N	N	10	Rd or Oval	--	12	
73	BOUN-005573-0000-00	E20511	5573 BOUNDARY AVE	RE	0.75	N	N		Oval	15	--	
74	BOUN-005575-0000-00	F20820	5575 BOUNDARY AVE	RE	0.75	N	N	10	Rd or Oval	15	--	
75	BOUN-005585-0000-00	E20262	5585 BOUNDARY AVE	RE	0.75	Y	N		Oval	15	--	
76	BOUN-005608-0000-00	E50263	5608 BOUNDARY AVE	SC	2	N	N		Rd	--	10	
77	BOUN-005613-0000-00	E20264	5613 BOUNDARY AVE	RE	0.75	N	N	10	Rd or Oval	15	--	
78	BOUN-005625-0000-00	E20432	5625 BOUNDARY AVE	RE	0.75	N	N	10	Rd or Oval	15	--	
79	BOUN-005635-0000-00	E20821	5635 BOUNDARY AVE	RE	0.75	N	N	10	Rd or Oval	--	5	
80	BOUN-005648-0000-00	E20825	5648 BOUNDARY AVE	RE	0.75	N	N	10	Rd or Oval	15	--	
81	BOUN-005651-0000-00	E20822	5651 BOUNDARY AVE	RE	0.75	N	N	10	Rd or Oval	15	--	

Line Item	Location ID	Account #	Service Address	CI	Meter Size	Replace Pit	Replace Lateral	Pit Size	Pit Shape	Meter Depth >2'	Meter Depth <1'	Notes
82	BOUN-005655-0000-00	E20433	5655 BOUNDARY AVE	RE	0.75	N	N	10	Rd or Oval	15	--	
83	BOUN-005658-0000-00	E20434	5658 BOUNDARY AVE	RE	0.75	N	N		Rd	14	--	Plastic
84	BOUN-005665-0000-00	H10824	5665 BOUNDARY AVE	RE	1.5	N	N		Rd	14	--	Plastic
85	BOUN-005668-0000-00	E20514	5668 BOUNDARY AVE	RE	0.75	N	N		Rd	14	--	Plastic
86	BOUN-005675-0000-00	E20265	5675 BOUNDARY AVE	RE	0.75	N	N			--	12	Plastic
87	BOUN-005685-0000-00	E20266	5685 BOUNDARY AVE	RE	0.75	N	N	10	Rd or Oval	--	12	
88	BOUN-005697-0000-00	E20823	5697 BOUNDARY AVE	RE	0.75	N	N	10	Rd or Oval	--	12	
89	BOYC-005966-0000-00	E20633	5966 BOYCE LN	RE	0.75	Y	N	10	Oval	--	12	
90	BOYC-005978-0000-00	E20741	5978 BOYCE LN	RE	0.75	N	N	10x15	Rect	--	12	
91	BOYC-005984-0000-00	E20007	5984 BOYCE LN	RE	0.75	N	N		Rd	14	--	Plastic
92	BOYC-005996-0000-00	E20903	5996 BOYCE LN	RE	0.75	N	N	10x15	Rect	28	--	
93	BOYC-005998-0000-00	E20942	5998 BOYCE LN	RE	0.75	N	N		Sq	20	--	Plastic
94	BOYC-006000-0000-00	E20941	6000 BOYCE LN	RE	0.75	N	N	10x15	Rect	32	--	Plastic
95	BOYC-006003-0000-00	E20901	6003 BOYCE LN	RE	0.75	N	N	10x15	Rect	23	--	Plastic
96	BOYC-006017-0000-00	E20022	6017 BOYCE LN	RE	0.75	N	N	10x15	Rect	18	--	Plastic
97	BOYC-006023-0000-00	E20151	6023 BOYCE LN	RE	0.75	N	N		Sq	20	--	
98	BYS-000000-0000-00	E20003	20913 BAYSIDE AVE	RE	1	N	N		Rd	15	--	
99	BYS-000000-0000-00	E20091	BAYSIDE AVE (btwn 20873 & 20895)	CO	--	N	Y	--	--	--	--	EMPTY LOT
100	BYS-00NONE-0000-00	E20071	20935 BAYSIDE AVE	OT	0.75	Y	Y		Oval	15		
101	BYS-020697-0000-00	C20367	20697 BAYSIDE AVE	RE	0.75	N	Y					
102	BYS-020705-0000-00	C20472	20705 BAYSIDE AVE	RE	0.75	N	Y		Sq	--	12	Plastic
103	BYS-020709-0000-00	C20557	20709 BAYSIDE AVE	RE	0.75	N	Y		Sq	--	12	Plastic
104	BYS-020713-0000-00	C20556	20713 BAYSIDE AVE	RE	0.75	N	Y		Sq	--	12	Plastic
105	BYS-020718-0000-00	C20555	20718 BAYSIDE AVE	RE	0.75	N	Y		Sq	--	12	Plastic
106	BYS-020722-0000-00	C20900	20722 BAYSIDE AVE	RE	0.75	N	Y		Sq	--	12	Plastic
107	BYS-020726-0000-00	C20554	20726 BAYSIDE AVE	RE	0.75	N	Y		Sq	--	12	Plastic
108	BYS-020733-0000-00	C20471	20733 BAYSIDE AVE	RE	0.75	N	Y		Sq	--	12	Plastic
109	BYS-020736-0000-00	C20470	20736 BAYSIDE AVE	RE	0.75	Y	Y			--		Vacant Lot?
110	BYS-020739-0000-00	C20931	20739 BAYSIDE AVE	RE	0.75	N	Y		Sq	--	12	Plastic
111	BYS-020751-0000-00	C20553	20751 BAYSIDE AVE	RE	0.75	N	Y		Sq	13	--	Plastic
112	BYS-020812-0000-00	E20512	20812 BAYSIDE AVE	RE	0.75	N	Y		Rd	15	--	Plastic
113	BYS-020831-0000-00	E20081	20831 BAYSIDE AVE	RE	0.75	N	Y	10	Oval	16	--	
114	BYS-020839-0000-00	E20401	20839 BAYSIDE AVE	RE	0.75	N	Y	10	Oval	16	--	
115	BYS-020840-0000-00	E20080	20840 BAYSIDE AVE	RE	0.75	N	Y	10	Oval	16	--	
116	BYS-020856-0000-00	E20079	20856 BAYSIDE AVE	RE	0.75	N	Y	10	Oval	--	12	
117	BYS-020870-0000-00	E20077	20870 BAYSIDE AVE	RE	0.75	N	Y	10	Rd or Oval	16	--	
118	BYS-020873-0000-00	E20660	20873 BAYSIDE AVE	RE	0.75	N	Y	10	Oval	15	--	
119	BYS-020880-0000-00	E20890	20880 BAYSIDE AVE	RE	0.75	N	Y	10	Oval	15	--	
120	BYS-020892-0000-00	E20659	20892 BAYSIDE AVE	RE	0.75	N	Y	10	Oval	14	--	
121	BYS-020895-0000-00	H10076	20895 BAYSIDE AVE	CO	1	N	N		Rd	16	--	Plastic
122	BYS-020908-0000-00	E20655	20908 BAYSIDE AVE	RE	0.75	N	Y		Sq	13	--	Plastic
123	BYS-020916-0000-00	E20654	20916 BAYSIDE AVE	RE	0.75	N	Y	10	Oval	15	--	
124	BYS-020919-0000-00	E20073	20919 BAYSIDE AVE	RE	0.75	N	Y	10	Oval	--	12	
125	BYS-020924-0000-00	E20400	20924 BAYSIDE AVE	RE	0.75	N	Y		Rd	24	--	Plastic
126	BYS-020927-0000-00	E50072	20927 BAYSIDE AVE	CO	2	N	N			18	--	Plastic
127	BYS-020946-0000-00	C20581	20946 BAYSIDE AVE	RE	0.75	N	Y		Rd	16	--	Plastic
128	BYS-020955-0000-00	E20070	20955 BAYSIDE AVE	RE	0.75	N	Y	10	Oval	15	--	
129	BYS-020968-0000-00	E30653	20968 BAYSIDE AVE	RE	1	N	Y	10	Oval	15	--	Two Pits
130	BYS-020969-0000-00	E20069	20969 BAYSIDE AVE	RE	0.75	N	Y	10	Rd or Oval			
131	BYS-020982-0000-00	E20399	20982 BAYSIDE AVE	RE	0.75	N	Y	10	Oval	16	--	
132	BYS-020988-0000-00	E20651	20988 BAYSIDE AVE	RE	0.75	N	Y	10	Oval	16	--	Concrete
133	BYS-020991-0000-00	E20066	20991 BAYSIDE AVE	RE	0.75	N	Y	10	Oval	15	--	
134	BYS-020994-0000-00	E20065	20994 BAYSIDE AVE	RE	0.75	N	Y	10	Oval	16	--	
135	BYS-020997-0000-00	E20063	20997 BAYSIDE AVE	RE	0.75	N	Y		Sq	--	10	Plastic
136	BYS-021000-0000-00	E20064	21000 BAYSIDE AVE	RE	0.75	N	Y	10	Rd or Oval	15	--	Plastic
137	BYS-021007-0000-00	E20062	21007 BAYSIDE AVE	RE	0.75	N	Y	10	Rd or Oval	--	10	Plastic
138	BYS-021016-0000-00	E20060	21016 BAYSIDE AVE	RE	0.75	N	Y	10	Oval	14	--	
139	BYS-021017-0000-00	E20061	21017 BAYSIDE AVE	RE	0.75	N	Y	10	Oval	15	--	
140	BYS-021055-0000-00	E20393	21055 BAYSIDE AVE	RE	0.75	N	Y	10	Oval	15	--	
141	BYS-GARAGE-0000-00	E20067	20967 BAYSIDE AVE GARAGE	RE	0.75	Y	Y	10	Rd	15	--	
142	BYSE-000814-0000-00	C20366	814 BAYSIDE AVE EXT - LOT	RE	0.75		Y			--	--	
143	BYSE-000LOT-0000-00	C20387	20737 BAYSIDE AVE EXT/LOT	RE	0.75	N	Y		Sq	--	12	
144	BYSE-020693-0000-00	C20558	20693 BAYSIDE AVE EXT	RE	0.75	N	Y			--	--	
145	BYSE-020702-0000-00	C20559	20702 BAYSIDE AVE EXT	RE	0.75	N	Y		Sq	15	--	
146	BYSE-020730-0000-00	C20030	20730 BAYSIDE AVE EXT	RE	0.75	N	Y		Sq	--	12	
147	BYSE-020762-0000-00	C20552	20762 BAYSIDE AVE EXT	RE	0.75	N	Y		Sq	--	12	Plastic
148	BYSE-020765-0000-00	C20364	20765 BAYSIDE AVE EXT	RE	0.75	N	Y		Sq	--	12	
149	BYSE-020770-0000-00	C20551	20770 BAYSIDE AVE EXT	RE	0.75	N	Y		Sq	--	12	
150	BYSE-020780-0000-00	C20903	20780 BAYSIDE AVE EXT	RE	0.75	N	Y	10x15	Rect	18	--	
151	BYSE-020783-0000-00	C20550	20783 BAYSIDE AVE EXT	RE	0.75	N	Y		Rd	16	--	Plastic
152	BYSE-020806-0000-00	C20363	20806 BAYSIDE AVE EXT	RE	0.75	N	Y		Rd	18	--	Plastic
153	CARO-005707-0000-00	E30652	5707 CAROLINE AVE LOT 1	CO	1	N	Y		Rd	--	12	Plastic
154	CARO-005724-0000-00	E20068	5724 CAROLINE AVE	RE	0.75	N	Y	10	Rd or Oval	14	--	
155	CATH-021344-0000-00	E20437	21344 CATHOLIC AVE	RE	0.75	N	N	16	Rd	15	--	
156	CATH-021348-0000-00	E20830	21348 CATHOLIC AVE	RE	0.75	N	N	16	Rd	15	--	
157	CATH-021356-0000-00	E20268	21356 CATHOLIC AVE	RE	0.75	N	N	16	Rd	15	--	
158	CATH-021372-0000-00	E20436	21372 CATHOLIC AVE	RE	0.75	N	N	16	Rd	15	--	
159	CATH-021386-0000-00	E20267	21386 CATHOLIC AVE	RE	0.75	N	N	16	Rd	15	--	
160	CATH-021396-0000-00	E20829	21396 CATHOLIC AVE	RE	0.75	N	N	16	Rd	15	--	
161	CATH-021424-0000-00	E20828	21424 CATHOLIC AVE	RE	0.75	N	N	16	Rd	15	--	
162	CATH-021430-0000-00	E20827	21430 CATHOLIC AVE	RE	0.75	N	N	16	Rd	15	--	

Line Item	Location ID	Account #	Service Address	CI	Meter Size	Replace Pit	Replace Lateral	Pit Size	Pit Shape	Meter Depth >2'	Meter Depth <1'	Notes
163	CATH-021440-0000-00	E20435	21440 CATHOLIC AVE	RE	0.75	N	N	16	Rd	15	--	
164	CATH-021444-0000-00	E20826	21444 CATHOLIC AVE	RE	0.75	N	N	16	Rd	15	--	
165	CATH-CHURCH-0000-00	E20269	CHURCH - CATHOLIC AVE	CH	0.75	N	N	10x15	Rect	15	--	Corner Catholic Ave & S Main
166	CCDR-021265-0000-00	E20025	21265 CIVIC CENTER DR	RE	0.75	N	N	10	Rd or Oval			
167	CHER-005755-0000-00	E20074	5755 CHERRY ST	RE	0.75	Y	N	10	Rd	14	--	
168	CHER-005756-0000-00	E20656	5756 CHERRY ST	RE	0.75	N	N	10	Rd or Oval		10	Plastic
169	CHER-005762-0000-00	E20075	5762 CHERRY ST	RE	0.75	N	N	10	Oval	13	--	
170	CHER-005765-0000-00	E20657	5765 CHERRY ST	RE	0.75	N	N	10	Oval	--	12	
171	CHER-005777-0000-00	E20658	5777 CHERRY ST	RE	0.75	N	N			24	--	Plastic
172	CHER-005778-0000-00	E20928	5778 CHERRY ST	RE	0.75	N	N			19	--	Plastic
173	CHES-000LOT-0000-00	D20921	LOT - CHESAPEAKE AVE	OT	--	N	N			--	--	EMPTY LOT
174	CHES-00DOCK-0000-00	D40856	DOCK - CHESAPEAKE AVE	OT	1.5	Y	N	21x31	21"x31" Pit	--	--	Open pit - boat slip yard hydrants
175	CHES-00NONE-0000-00	B20126	21103 CHESAPEAKE AVE	OT	0.75	N	N	10	Oval	--	--	Canvas Works?
176	CHES-021083-0000-01	E50442	21083 CHESAPEAKE AVE	CO	2	N	N		Rd	21"	--	Clam House, Rd lid on
177	CHES-021095-0000-00	E20916	21095 CHESAPEAKE AVE	RE	0.75	N	N			--	--	Can't Find
178	CHES-021096-0000-00	E20857	21096 CHESAPEAKE AVE	RE	0.75	N	N	10	Oval	--	12	Black Duck Inn
179	CHES-021111-0000-00	B20576	21111 CHESAPEAKE AVE	OT	0.75	N	N			--	--	Can't Find
180	CHES-021115-0000-16	E20286	21115 CHESAPEAKE AVE	RE	0.75	Y	N	10x15	Rect	21		Plastic
181	CHES-021163-0000-00	E20282	21163 CHESAPEAKE AVE	RE	0.75	N	N	10	Rd or Oval			Can't Find
182	CHES-021173-0000-00	E20281	21173 CHESAPEAKE AVE	RE	0.75	N	N	10	Oval	15	--	
183	CHES-021176-0000-00	E20280	21176 CHESAPEAKE AVE	RE	0.75	N	N	10	Oval	15	--	
184	CHES-021180-0000-00	E20842	21180 CHESAPEAKE AVE	RE	0.75	N	N	10	Oval	15	--	
185	CHES-021183-0000-00	E20843	21183 CHESAPEAKE AVE	RE	0.75	N	N	10	Oval	15	--	
186	CHES-021186-0000-00	E20279	21186 CHESAPEAKE AVE	RE	0.75	N	N	10	Rd	15	--	
187	CHES-021189-0000-00	E20841	21189 CHESAPEAKE AVE	RE	0.75	N	N	10	Oval	15	--	
188	CHES-021192-0000-00	E20278	21192 CHESAPEAKE AVE	RE	0.75	N	N	10	Oval	15	--	
189	CHES-021195-0000-00	E20440	21195 CHESAPEAKE AVE	RE	0.75	N	N	10	Oval	15	--	
190	CHES-021198-0000-00	E20439	21198 CHESAPEAKE AVE	RE	0.75	N	N	10	Oval	15	--	
191	CHES-021206-0000-00	E20438	21206 CHESAPEAKE AVE	RE	0.75	N	N	10	Oval	15	--	
192	CHES-021209-0000-00	E20840	21209 CHESAPEAKE AVE	RE	0.75	N	N	10x15	Rect	15	--	Metal Box?
193	CHES-021212-0000-00	E20442	21212 CHESAPEAKE AVE	RE	0.75	N	N	12.5	Rd	15	--	Yellow House
194	CHES-021215-0000-00	E30838	21215 CHESAPEAKE AVE	RE	1	Y	N	10x15	Rect	15	--	Can't see meter
195	CHES-021219-0000-00	E20839	21219 CHESAPEAKE AVE	RE	0.75	N	N	12"	Rd	15	--	Across from Yellow Hs
196	CHES-021223-0000-00	E20276	21223 CHESAPEAKE AVE	RE	0.75	N	N	10	Oval	15	--	
197	CHES-021235-0000-00	E20275	21235 CHESAPEAKE AVE	RE	0.75	N	N	10	Oval	15	--	
198	CHES-021241-0000-00	E20837	21241 CHESAPEAKE AVE	RE	0.75	N	N	10	Oval	15	--	
199	CHES-021244-0000-00	E20273	21244 CHESAPEAKE AVE	RE	0.75	N	N	10x15	Rect	21	--	
200	CHES-021251-0000-00	E20274	21251 CHESAPEAKE AVE	RE	0.75	N	N	10	Oval	--	12	
201	CHES-021255-0000-00	E20836	21255 CHESAPEAKE AVE	RE	0.75	N	N	10	Oval	--	12	
202	CHES-021265-0000-00	E20835	21265 CHESAPEAKE AVE	RE	0.75	N	N	10	Oval	--	12	
203	CHES-021273-0000-00	E20271	21273 CHESAPEAKE AVE	RE	0.75	N	N	10	Oval	--	12	
204	CHES-021281-0000-00	E20834	21281 CHESAPEAKE AVE	RE	0.75	N	N	10	Oval	--	12	
205	CHES-021284-0000-00	E20833	21284 CHESAPEAKE AVE	OT	0.75	N	N	10	Oval	--	12	
206	CHES-021289-0000-00	E20270	21289 CHESAPEAKE AVE	OT	0.75	N	N	10	Oval	--	12	
207	CHES-021290-0000-00	E20024	21290 CHESAPEAKE AVE	RE	0.75	N	N	10x15	Rect	21		Plastic
208	CHES-0GREEN-0000-00	E30858	GREEN - CHESAPEAKE AVE	CO	1.5	N	N	--	VAULT			6" Fire Line with 2" meter?
209	CHTR-020995-0000-00	E20059	20995 CHESTER AVE	RE	0.75	N	N	10	Oval	13	--	
210	CHTR-021005-0000-00	E20398	21005 CHESTER AVE	RE	0.75	N	N	10	Oval	15	--	
211	CHTR-021010-0000-00	E20649	21010 CHESTER AVE	RE	0.75	Y	N	10	Oval	15	--	
212	CHTR-021028-0000-00	E20058	21028 CHESTER AVE	RE	0.75	N	N	10	Oval	15	--	
213	CHTR-021300-0000-00	E20650	21300 CHESTER AVE	RE	0.75	N						Can't Find (21000 Chester?)
214	CHVI-005771-0000-00	E20129	5771 CHESAPEAKE VILLA RD	RE	0.75	N	N	10x15	Rect	18	--	Plastic
215	CHVI-005795-0000-00	E70722	5795 CHESAPEAKE VILLA RD	RE	4	N	N	15x19	Rect	30"	--	2" or 4", Couldn't see
216	CHVI-005811-0000-00	E20892	5811 CHESAPEAKE VILLA RD	CO	1	N	N		Rd	24	--	
217	CLAM-005802-B-68-00	E20997	5802 CLAM COVE RD #B-68	RE	0.75	N	N		Rd	--	9	
218	CLAM-005804-B-67-00	E20996	5804 CLAM COVE RD #B-67	RE	0.75	N	N		Rd	--	9	
219	CLAM-005806-OB66-00	E20978	5806 CLAM COVE RD #B66	RE	0.75	N	N		Rd	--	9	
220	CLAM-005807-0000-00	E20982	5807 CLAM COVE RD	RE	0.75	N	N		Rd	18	--	
221	CLAM-005808-OB65-00	E20979	5808 CLAM COVE RD #B65	RE	0.75	N	N		Rd	--	9	
222	CLAM-005809-0000-00	E20983	5809 CLAM COVE RD	RE	0.75	N	N		Rd	18	--	
223	CLAM-005811-0000-00	E20981	5811 CLAM COVE RD	RE	0.75	N	N		Rd	18	--	
224	CLAM-005813-0000-00	E20984	5813 CLAM COVE RD	RE	0.75	N	N		Rd	18	--	
225	CLAM-005815-B-47-00	E20993	5815 CLAM COVE RD #B-47	RE	0.75	N	N		Rd	18	--	
226	CLAM-005817-B-48-00	E20994	5817 CLAM COVE RD #B-48	RE	0.75	N	N		Rd	18	--	
227	CLAM-005818-B-60-00	E20999	5818 CLAM COVE RD #B-60	RE	0.75	N	N		Rd			
228	CLAM-005819-0000-00	E20989	5819 CLAM COVE RD	RE	0.75	N	N		Rd	3?	--	
229	CLAM-005820-B-59-00	E21000	5820 CLAM COVE RD #B-59	RE	0.75	N	N		Rd	18	--	
230	CLAM-005821-0000-00	E20990	5821 CLAM COVE RD	RE	0.75	N	N		Rd	26	--	
231	CLAM-005822-B-58-00	E21001	5822 CLAM COVE RD #B-58	RE	0.75	N	N		Rd	18	--	
232	CLAM-005824-B-57-00	E21002	5824 CLAM COVE RD #B-57	RE	0.75	N	N		Rd	18	--	
233	CLAM-005837-0000-00	E20017	5837 CLAM COVE RD	RE	0.75	N	N		Rd	15	--	
234	CLAM-005839-0000-00	E20991	5839 CLAM COVE RD	RE	0.75	N	N		Rd	15	--	
235	CLAM-005841-0000-00	E20013	5841 CLAM COVE RD	RE	0.75	N	N		Rd	15	--	
236	CLAM-005842-0000-00	E20879	5842 CLAM COVE RD	RE	0.75	N	N		Rd	15	--	
237	CLAM-005847-0000-00	E20005	5847 CLAM COVE RD A28	RE	0.75	N	N		Rd	15	--	
238	COLE-000000-0000-00	C20474	5882 COLEMAN RD	RE	0.75	N	N		Sq	14	--	
239	COLE-005835-0000-00	C20561	5835 COLEMAN RD	RE	0.75	N	N		Sq	15	--	
240	COLE-005845-0000-00	C20937	5845 COLEMAN RD	RE	0.75	N	N		Sq	15	--	
241	COLE-005850-0000-00	C20562	5850 COLEMAN RD	RE	0.75	N	N		Sq	--	9	
242	COLE-005851-0000-00	C20032	5851 COLEMAN RD	RE	0.75	N	N		Sq	20	--	
243	COLE-005868-0000-00	C20473	5868 COLEMAN RD	RE	0.75	N	N			20	--	Plastic

Line Item	Location ID	Account #	Service Address	CI	Meter Size	Replace Pit	Replace Lateral	Pit Size	Pit Shape	Meter Depth >2'	Meter Depth <1'	Notes
244	COLE-005876-0000-00	C20369	5876 COLEMAN RD	RE	0.75	N	N		Sq	15	--	
245	COLE-005877-0000-00	E20896	5877 COLEMAN RD	RE	0.75	N	N		Sq	15	--	
246	COTT-005855-0000-00	E20450	5855 COTTAGE AVE	RE	0.75	N	N		Sq	18	--	
247	COTT-005860-0000-00	E20492	5860 COTTAGE AVE	RE	0.75	N	N		Rd	18	--	
248	COTT-005874-0000-00	E20451	5874 COTTAGE AVE	RE	0.75	N	N		Sq	15	--	
249	COTT-005875-0000-00	E20489	5875 COTTAGE AVE	RE	0.75	N	N		Sq	18	--	
250	COTT-005879-0000-00	E20490	5879 COTTAGE AVE	RE	0.75	N	N		Sq	20	--	
251	COTT-005882-0000-00	E20491	5882 COTTAGE AVE	RE	0.75	Y	N	10	Rd	15	--	Confirmed size; underwater
252	COTT-005885-0000-00	E20303	5885 COTTAGE AVE	RE	0.75	N	N		Sq	15	--	
253	COTT-005894-0000-00	E20304	5894 COTTAGE AVE	RE	0.75	Y	N	10	Rd or Oval	15	--	
254	DOWN-005779-0000-00	E20446	5779 DOWNEY AVE	RE	0.75	N	N	10	Rd or Oval	16	--	
255	DOWN-005782-0000-00	E20298	5782 DOWNEY AVE	RE	0.75	N	N	10	Oval	--	8	Concrete box, sticks up
256	DOWN-005785-0000-00	E20882	5785 DOWNEY AVE	RE	0.75	N	N	10	Rd or Oval	15	--	
257	DOWN-005792-0000-00	E20881	5792 DOWNEY AVE	RE	0.75	N	N	10	Oval	16	--	
258	DOWN-005801-0000-00	E20880	5801 DOWNEY AVE	RE	0.75	N	N		Oval	16	--	Vacant House
259	DOWN-005804-0000-00	E30879	5804 DOWNEY AVE	RE	1	Y	N			16	--	
260	DOWN-005811-0000-00	E20952	5811 DOWNEY AVE	RE	0.75	Y	N	10x15	10"x15"	15	--	
261	ENR -005539-0000-00	F20257	5539 EASTERN NECK RD	RE	0.75	Y	N	10	Rd or Oval	16	--	
262	FRED-021400-0000-00	E30908	21400 ZEEMAN RD	CO	1	N	N			--	10	
263	HAVE-000000-0000-00	E20242	5965 HAVEN WOOD DR	RE	0.75	N	N	10	Rd	14	--	Meter at end of drive at Haven
264	HAVE-020996-0000-00	E20180	20996 HAVEN RD	RE	0.75	N	N		Sq	--	8	
265	HAVE-020997-0000-00	E20750	20997 HAVEN RD	RE	0.75	N	N		Sq	--	12	
266	HAVE-021006-0000-00	E20179	21006 HAVEN RD	RE	0.75	N	N	10x15	Rect	--	12	Plastic
267	HAVE-021015-0000-00	E20749	21015 HAVEN RD	RE	0.75	N	N		Sq	--	12	
268	HAVE-021019-0000-00	E20181	21019 HAVEN RD	RE	0.75	N	N		Sq	--	12	
269	HAVE-021020-0000-00	E20178	21020 HAVEN RD	RE	0.75	N	N		Sq	--	12	
270	HAVE-021023-0000-00	E20893	21023 HAVEN RD	RE	0.75	N	N		Sq	14	--	
271	HAVE-021028-0000-00	E20176	21028 HAVEN RD	RE	0.75	N	N		Sq	14	--	
272	HAVE-021029-0000-00	E20748	21029 HAVEN RD	RE	0.75	N	N		Rd	16	--	
273	HAVE-021034-0000-00	E20177	21034 HAVEN RD	RE	0.75	N	N		Sq	--	12	
274	HAVE-021037-0000-00	E20482	21037 HAVEN RD	RE	0.75	N	N		Sq	--	12	
275	HAVE-021045-0000-00	E20747	21045 HAVEN RD	RE	0.75	N	N		Sq	--	12	
276	HAVE-021056-0000-00	E20746	21056 HAVEN RD	RE	0.75	N	N		Sq	--	12	
277	HAVE-021068-0000-00	E20174	21068 HAVEN RD	RE	0.75	N	N		Sq	--	12	
278	HAVE-021076-0000-00	E20481	21076 HAVEN RD	RE	0.75	Y	N		Sq	--	12	
279	HAVE-021081-0000-00	E20173	21081 HAVEN RD	RE	0.75	N	N	10	Rd or Oval	--	12	
280	HAVE-021086-0000-00	E20171	21086 HAVEN RD	RE	0.75	N	N		Sq	--	12	
281	HAVE-021089-0000-00	E20149	21089 HAVEN RD	RE	0.75	N	N		Rd	16	--	New Pit - Plastic
282	HAVE-021095-0000-00	E20909	21095 HAVEN RD	RE	0.75	N	N		Sq	13	--	
283	HAVE-021105-0000-00	E20170	21105 HAVEN RD	RE	0.75	N	N		Sq	--	12	
284	HAVE-021106-0000-00	E20742	21106 HAVEN RD	RE	0.75	N	N		Sq	--	12	
285	HAVE-021110-0000-00	E20740	21110 HAVEN RD	RE	0.75	N	N		Sq	14	--	
286	HAVE-021113-0000-00	E20169	21113 HAVEN RD	RE	0.75	Y	N	10	Rd or Oval	14	--	
287	HAVE-021119-0000-00	E20168	21119 HAVEN RD	RE	0.75	N	N		Sq	13	--	
288	HAVE-021120-0000-00	E20418	21120 HAVEN RD	RE	0.75	N	N	10	Rd or Oval	14	--	
289	HAVE-021131-0000-00	E20739	21131 HAVEN RD	RE	0.75	N	N	10	Rd or Oval	--	12	
290	HAVE-021141-0000-00	E20521	21141 HAVEN RD	RE	0.75	N	N	10	Rd or Oval	16	--	
291	HAVE-021151-0000-00	E20167	21151 HAVEN RD	RE	0.75	N	N		Rd	16	--	Plastic
292	HAVE-021159-0000-00	E20166	21159 HAVEN RD	RE	0.75	N	N	10	Rd or Oval	14	--	
293	HAVE-021165-0000-00	E20165	21165 HAVEN RD	RE	0.75	N	N	10	Rd or Oval	14	--	
294	HAVE-021169-0000-00	E20509	21169 HAVEN RD	RE	0.75	N	N		Rd	16	--	Plastic
295	HAVE-021175-0000-00	E20913	21175 HAVEN RD	RE	0.75	N	N		Sq	24	--	Plastic
296	HAVE-021181-0000-00	E20004	21181 HAVEN RD	RE	0.75	N	N		Rd	16	--	Plastic
297	HAVE-021210-0000-00	E20737	21210 HAVEN RD	RE	0.75	N	N		Sq	--	12	
298	HAVE-021231-0000-00	E20733	21231 HAVEN RD	RE	0.75	N	N	10	Rd	14	--	
299	HAVE-021240-0000-00	E20163	21240 HAVEN RD	RE	0.75	N	N		Sq	14	--	
300	HAVE-021241-0000-00	E20162	21241 HAVEN RD	RE	0.75	N	N	10	Rd or Oval	14	--	
301	HAVE-021247-0000-00	E20161	21247 HAVEN RD	RE	0.75	N	N	10	Rd or Oval	14	--	
302	HAVE-021253-0000-00	E20736	21253 HAVEN RD	RE	0.75	Y	N	10	Rd or Oval	15	--	
303	HAVE-021256-0000-00	E20160	21256 HAVEN RD	RE	0.75	Y	N	10	Rd or Oval	14	--	
304	HAVE-021259-0000-00	E20735	21259 HAVEN RD	RE	0.75	N	N	10	Rd or Oval	14	--	
305	HAVE-021262-0000-00	E20734	21262 HAVEN RD	RE	0.75	Y	N		Oval	14	--	
306	HAVE-021305-0000-00	E20191	21305 HAVEN RD	RE	0.75	N	N		Oval	--	12	Concrete
307	HAVE-021314-0000-00	E20751	21314 HAVEN RD	RE	0.75	N	N	10	Rd or Oval	14	--	
308	HAVE-021320-0000-00	E20510	21320 HAVEN RD	RE	0.75	N	N		Rd	16	--	
309	HAVE-021326-0000-00	E20752	21326 HAVEN RD	RE	0.75	N	N		Sq	18	--	
310	HAVE-021336-0000-00	E20192	21336 HAVEN RD	RE	0.75	N	N		Sq	26	--	
311	HAVE-021341-0000-00	E20755	21341 HAVEN RD	RE	0.75	N	N		Sq	--	12	
312	HAWN-005860-0000-00	E20307	5860 N HAWTHORNE AVE	RE	0.75	N	N		Oval	16	--	
313	HAWN-005900-0000-00	E20185	5900 N HAWTHORNE AVE	RE	0.75	N	N			20	--	Plastic
314	HAWN-005902-0000-00	E20189	5902 N HAWTHORNE AVE	RE	0.75	N	N		Sq	14	--	
315	HAWN-005905-0000-00	E20188	5905 N HAWTHORNE AVE	RE	0.75	N	N	10	Rd or Oval	16	--	
316	HAWN-005911-0000-00	E20021	5911 N HAWTHORNE AVE	RE	0.75	N	N		Sq	28	--	Plastic
317	HAWN-005920-0000-00	E20190	5920 N HAWTHORNE AVE	RE	0.75	N	N		Sq	14	--	
318	HAWN-005923-0000-00	E20187	5923 N HAWTHORNE AVE	RE	0.75	N	N		Sq	14	--	
319	HAWN-005925-0000-00	E20027	5925 N HAWTHORNE AVE	RE	0.75	N	N		Sq	14	--	Plastic
320	HAWN-005948-0000-00	E20175	5948 N HAWTHORNE AVE	RE	0.75	N	N		Sq	--	10	Plastic
321	HAWS-005657-0000-00	E40009	5657 S HAWTHORNE AVE	CO	1.5	N	N		Vault	24	--	Concrete
322	HAWS-005676-0000-00	E50040	5676 S HAWTHORNE AVE	CO	2	N	N		Vault	18	--	Concrete
323	HAWS-005681-0000-00	E50392	5681 S HAWTHORNE AVE	CO	2	N	N		Vault	13	--	Investigate- Meter not radio read
324	HAWS-005707-0000-00	E20042	5707 S HAWTHORNE AVE	RE	0.75	N	N		Oval	14	--	Concrete

Line Item	Location ID	Account #	Service Address	CI	Meter Size	Replace Pit	Replace Lateral	Pit Size	Pit Shape	Meter Depth >2'	Meter Depth <1'	Notes
325	HAWS-005723-0000-00	E20043	5723 S HAWTHORNE AVE	RE	0.75	N	N		Rd	14	--	
326	HAWS-005727-0000-00	E20640	5727 S HAWTHORNE AVE	RE	0.75	Y	N	10	Rd or Oval	14	--	
327	HAWS-005732-0000-00	E20045	5732 S HAWTHORNE AVE	RE	0.75	Y	N	10	Oval	--	12	Concrete, busted top
328	HAWS-005735-0000-00	E20641	5735 S HAWTHORNE AVE	RE	0.75	N	N	10	Rd or Oval	14	--	
329	HAWS-005741-0000-00	E20642	5741 S HAWTHORNE AVE	RE	0.75	N	N	10	Rd or Oval	14	--	
330	HAWS-005744-0000-00	E20044	5744 S HAWTHORNE AVE	RE	0.75	N	N	10	Rd or Oval	16	--	
331	HAWS-005747-0000-00	E20643	5747 S HAWTHORNE AVE	RE	0.75	N	N	10	Rd or Oval	14	--	
332	HAWS-005750-0000-00	E20394	5750 S HAWTHORNE AVE	RE	0.75	Y	N	10	Rd or Oval	14	--	
333	HAWS-005753-0000-00	E20046	5753 S HAWTHORNE AVE	RE	0.75	N	N			--	12	Plastic
334	HAWS-005761-0000-00	E20047	5761 S HAWTHORNE AVE	RE	0.75	N	N			--	12	Plastic
335	HAWS-005764-0000-00	E20054	5764 S HAWTHORNE AVE	RE	0.75	N	N			14	--	Plastic
336	HAWS-005767-0000-00	E20048	5767 S HAWTHORNE AVE	RE	0.75	N	N	10	Rd or Oval	14	--	
337	HAWS-005768-0000-00	E20053	5768 S HAWTHORNE AVE	RE	0.75	N	N	10	Rd or Oval	16	--	
338	HAWS-005776-0000-00	E20052	5776 S HAWTHORNE AVE	RE	0.75	N	N	10	Rd or Oval	14	--	
339	HAWS-005779-0000-00	E20049	5779 S HAWTHORNE AVE	RE	0.75	Y	N	10	Rd or Oval	15	--	
340	HAWS-005782-0000-00	E20051	5782 S HAWTHORNE AVE	RE	0.75	N	N	10	Rd or Oval	14	--	side by side
341	HAWS-005786-0000-00	E20050	5786 S HAWTHORNE AVE	RE	0.75	N	N	10	Rd or Oval	14	--	
342	HAWS-005791-0000-00	E20395	5791 S HAWTHORNE AVE	RE	0.75	N	N	10	Rd or Oval	16	--	
343	HAWS-005794-0000-00	E20397	5794 S HAWTHORNE AVE	RE	0.75	N	N	10	Rd or Oval	16	--	
344	HAWS-005797-0000-00	E20396	5797 S HAWTHORNE AVE	RE	0.75	N	N	10	Rd or Oval	14	--	
345	HAWS-005805-0000-00	E20644	5805 S HAWTHORNE AVE	RE	0.75	N	N	10	Rd or Oval	14	--	
346	HAWS-005808-0000-00	E20055	5808 S HAWTHORNE AVE	RE	0.75	N	N		Oval	16	--	
347	HAWS-005811-0000-00	E20645	5811 S HAWTHORNE AVE	RE	0.75	N	N			16	--	Plastic
348	HAWS-005814-0000-00	E20056	5814 S HAWTHORNE AVE	RE	0.75	N	N	10	Rd or Oval	14	--	
349	HAWS-005823-0000-00	E20646	5823 S HAWTHORNE AVE	RE	0.75	N	N		Oval	14	--	
350	HAWS-005827-0000-00	E20647	5827 S HAWTHORNE AVE	RE	0.75	N	N	10	Rd or Oval	16	--	
351	HAWS-005834-0000-00	E20057	5834 S HAWTHORNE AVE	RE	0.75	N	N	10	Rd or Oval	14	--	
352	HAWS-005845-0000-00	E20648	5845 S HAWTHORNE AVE	RE	0.75	N	N	10	Rd or Oval	14	--	
353	HAWS-00DOCK-0000-00	D40638	DOCK - S HAWTHORNE AVE	CO	1.5	N	N			18	--	Yard Hydrants for marina
354	HCRT-005819-0000-00	E20940	5819 HAVEN COURT DR	RE	0.75	N	N	10x18	Rect	30	--	
355	HCRT-005820-0000-00	E20949	5820 HAVEN COURT DR	RE	0.75	N	N	10x18	Rect	30	--	
356	HCRT-005822-0000-00	E20950	5822 HAVEN COURT DR	RE	0.75	N	N	10x18	Rect	30	--	
357	HCRT-005823-0000-00	E20948	5823 HAVEN COURT DR	RE	0.75	N	N	10x18	Rect	30	--	
358	HCRT-005826-0000-00	E20951	5826 HAVEN COURT DR	RE	0.75	N	N	10x18	Rect	30	--	
359	HCRT-005833-0000-00	E20947	5833 HAVEN COURT DR	RE	0.75	N	N	10x18	Rect	30	--	
360	HCRT-005836-0000-00	E20944	5836 HAVEN COURT DR	RE	0.75	N	N	10x18	Rect	30	--	
361	HCRT-005851-0000-00	E20622	5851 HAVEN COURT DR	RE	0.75	N	N	10x18	Rect	30	--	
362	HCRT-005854-0000-00	E20946	5854 HAVEN COURT DR	RE	0.75	N	N	10x18	Rect	30	--	
363	HENR-005837-0000-00	E20519	5837 HENRY AVE	RE	0.75	N	N		Rd	16	--	
364	HENR-005853-0000-00	E20153	5853 HENRY AVE	RE	0.75	N	N	12	Rd	14	--	
365	HENR-005860-0000-00	E20725	5860 HENRY AVE	RE	0.75	N	N	10	Oval	16	--	
366	HENR-005863-0000-00	E20729	5863 HENRY AVE	RE	0.75	N	N	10	Oval	16	--	
367	HENR-005870-0000-00	E20154	5870 HENRY AVE	RE	0.75	N	N	10	Oval	14	--	
368	HENR-005875-0000-00	E20158	5875 HENRY AVE	RE	0.75	N	N	10x15	Rect	14	--	Armor plastic box
369	HENR-005878-0000-00	E20155	5878 HENRY AVE	RE	0.75	N	N	12	Rd	16	--	
370	HENR-005881-0000-00	E20480	5881 HENRY AVE	RE	0.75	N	Y	12	Rd	14	--	
371	HENR-005884-0000-00	E20726	5884 HENRY AVE	RE	0.75	N	N	10	Oval	16	--	
372	HENR-005890-0000-00	E20156	5890 HENRY AVE	RE	0.75	N	N	10	Oval	14	--	
373	HENR-005894-0000-00	E20727	5894 HENRY AVE	RE	0.75	N	Y	10	Oval	--	12	
374	HENR-005895-0000-00	E20728	5895 HENRY AVE	RE	0.75	N	Y	10x15	Rect	14	--	
375	HENR-005905-0000-00	E20732	5905 HENRY AVE	RE	0.75	N	N	10x15	Rect	--	12	Armor plastic box
376	HENR-005910-0000-00	E20920	5910 HENRY AVE	RE	0.75	Y	N	10x15	Rect	14	--	Lid Broken
377	HENR-005924-0000-00	E20417	5924 HENRY AVE	RE	0.75	Y	N	10	Oval	14	--	
378	HWDR-005951-0000-00	E20164	5951 HAVEN WOOD DR	RE	0.75	N	Y	10	Oval	16	--	
379	HYNS-005997-0000-00	E20012	5997 HYNSON RD	RE	0.75	N	N		Rd	16	--	
380	HYNS-006005-0000-00	E20023	6005 HYNSON RD	RE	0.75	N	N		Sq	--	12	
381	HYNS-006008-0000-00	E20419	6008 HYNSON RD	RE	0.75	N	N		Sq	--	12	
382	HYNS-006016-0000-00	E20587	6016 HYNSON RD	RE	0.75	N	N		Sq	14	--	
383	HYNS-006019-0000-00	E20182	6019 HYNSON RD	RE	0.75	N	N		Sq	14	--	
384	HYNS-006022-0000-00	E20183	6022 HYNSON RD	RE	0.75	N	N		Sq	14	--	
385	HYNS-006032-0000-00	E10073	6032 HYNSON RD	RE	0.75	N	N		Sq	14	--	
386	HYNS-006040-0000-00	E20186	6040 HYNSON RD	RE	0.75	N	N		Sq	14	--	
387	HYNS-006047-0000-00	E20891	6047 HYNSON RD	RE	0.75	N	N		Sq	--	12	
388	JAMA-006019-0000-00	E20172	6019 JAMAR RD	RE	0.75	N	N		Sq	--	12	
389	JAMA-006022-0000-00	E20743	6022 JAMAR RD	RE	0.75	N	N		Sq	--	12	
390	JAMA-006025-0000-00	E20932	6025 JAMAR RD	RE	0.75	N	N		Sq	--	12	
391	JAMA-006026-0000-00	E20744	6026 JAMAR RD	RE	0.75	N	N		Sq	--	12	
392	JAMA-006029-0000-00	E20910	6029 JAMAR RD	RE	0.75	N	N		Sq	--	12	
393	JUDE-005722-0000-00	E20682	5722 JUDEFIND AVE	RE	0.75	N	N	10x15	Rect	24"	--	
394	JUDE-005732-0000-00	E20683	5732 JUDEFIND AVE	RE	0.75	N	N	10	Oval	14	--	
395	JUDE-005735-0000-00	E20684	5735 JUDEFIND AVE	RE	0.75	N	N	10x15	Rect	14	--	
396	JUDE-005745-0000-00	E21110	5745 JUDEFIND AVE	RE	0.75	N	N	10	Rd	16	--	
397	JUDE-005748-0000-16	C20016	5748 JUDEFIND AVE	RE	0.75	N	N	12	Rd	16	--	
398	JUDE-005750-0000-00	E20685	5750 JUDEFIND AVE	RE	0.75	N	N		Oval	16	--	
399	JUDE-005761-0000-00	E50412	5761 JUDEFIND AVE	RE	2	N	N		Sq	18	--	Baywood Village; can't see meter
400	JUDE-005793-0000-00	E20695	5793 JUDEFIND AVE	RE	0.75	N	N		Sq	16	--	
401	JUDE-005799-0000-00	E20116	5799 JUDEFIND AVE	RE	0.75	N	N	10	Oval	16	--	
402	JUDE-005803-0000-00	E20694	5803 JUDEFIND AVE	RE	0.75	N	N	10	Oval	16	--	
403	JUDE-005806-0000-00	E20693	5806 JUDEFIND AVE	RE	0.75	N	N	10x15	Rect	14	--	
404	JUDE-005810-0000-00	E20115	5810 JUDEFIND AVE	RE	0.75	N	N	10	Oval	16	--	
405	JUDE-005814-0000-00	E20114	5814 JUDEFIND AVE	RE	0.75	N	N	10	Rd or Oval	14	--	

Line Item	Location ID	Account #	Service Address	CI	Meter Size	Replace Pit	Replace Lateral	Pit Size	Pit Shape	Meter Depth >2'	Meter Depth <1'	Notes
406	JUDE-021391-0000-00	E30686	21391 JUDEFIND AVE	RE	1	N	N		Sq	24	--	Brittany Bay
407	JUDE-021392-0000-00	E30688	21392 JUDEFIND AVE	RE	1	N	N		Sq	24	--	Brittany Bay
408	JUDE-021393-0000-00	E30690	21393 JUDEFIND AVE	RE	1	N	N			24	--	Brittany Bay
409	JUDE-021394-0000-00	E30689	21394 JUDEFIND AVE	RE	1	N	N			24	--	Brittany Bay
410	JUDE-021395-0000-00	E30691	21395 JUDEFIND AVE	RE	1	N	N			24	--	Brittany Bay
411	KENT-005758-0000-00	E20082	5758 KENT ST	RE	0.75	N	N	10	Rd or Oval	14	--	
412	KENT-005763-0000-00	E20083	5763 KENT ST	RE	0.75	N	N	10	Rd or Oval	16	--	
413	KENT-005770-0000-00	E20917	5770 KENT ST	RE	0.75	N	N		Sq	16	--	Plastic
414	KENT-005775-0000-00	E20084	5775 KENT ST	RE	0.75	N	N	10	Rd or Oval	16	--	
415	KENT-005780-0000-00	E20662	5780 KENT ST	RE	0.75	N	N		Sq	16	--	Plastic
416	KENT-005787-0000-00	E20961	5787 KENT ST	RE	0.75	N	N		Sq	14	--	Plastic
417	KENT-005793-0000-00	E20085	5793 KENT ST	RE	0.75	N	N		Oval	16	--	
418	KENT-005796-0000-00	E20020	5796 KENT ST	RE	0.75	N	N		Sq	16	--	
419	LAWT-000000-0002-00	E20987	5999 LAWTON AVE# 2	RE	0.75	N	N					
420	LAWT-005913-0000-00	B20520	5913 LAWTON AVE	CO	0.75	N	N					
421	LAWT-005922-0000-00	C20523	5922 LAWTON AVE	RE	0.75	N	N					
422	LAWT-005924-0000-00	E30521	5924 LAWTON AVE	CO	1	N	N					
423	LAWT-005930-0000-00	C20521	5930 LAWTON AVE	RE	0.75	N	N	10	Rd	16	--	PVC with cast lid
424	LAWT-005933-0000-00	C20519	5933 LAWTON AVE	RE	0.75	N	N		Sq	14	--	Metal
425	LAWT-005944-0000-00	C20522	5944 LAWTON AVE	RE	0.75	N	N		Sq	14	--	
426	LAWT-005945-0000-00	C20321	5945 LAWTON AVE	RE	0.75	N	N		Sq	13	--	
427	LAWT-005950-0000-00	C20606	5950 LAWTON AVE	RE	0.75	Y	N		Rd	20	--	
428	LAWT-005951-0000-00	C20524	5951 LAWTON AVE	RE	0.75	Y	N		Sq	18	--	
429	LAWT-005955-0000-00	C20322	5955 LAWTON AVE	RE	0.75	Y	N			16	--	
430	LAWT-005959-0000-00	C20923	5959 LAWTON AVE	RE	0.75	N	N		Sq	14	--	
431	LAWT-005960-0000-00	C20039	5960 LAWTON AVE	RE	0.75	N						
432	LAWT-005962-0000-00	C20525	5962 LAWTON AVE	RE	0.75	N						
433	LAWT-005963-0000-00	C20029	5963 LAWTON AVE	RE	0.75	N	N		Sq	14	--	
434	LAWT-005965-0000-00	C20323	5965 LAWTON AVE	RE	0.75	N	N		Sq	14	--	
435	LAWT-005973-0000-00	C20526	5973 LAWTON AVE	RE	0.75	N	N		Sq	15	--	
436	LAWT-005977-0000-00	C20527	5977 LAWTON AVE	RE	0.75	N						
437	LAWT-005979-0000-00	C20310	5979 LAWTON AVE	RE	0.75	N	N		Sq	--	12	
438	LAWT-005980-0000-00	C20528	5980 LAWTON AVE	RE	0.75	N	N		Sq	16	--	
439	LAWT-005983-0000-00	C20459	5983 LAWTON AVE	RE	0.75	N	N		Sq	14	--	
440	LAWT-005995-0000-00	C20324	5995 LAWTON AVE	RE	0.75	N	N			16	--	
441	LAWT-005997-0000-05	C20005	5997 LAWTON AVE	RE	0.75	N						
442	LAWT-006001-0000-00	C20530	6001 LAWTON AVE	RE	0.75	N	N		Sq	--	12	
443	LAWT-006002-0000-00	C50100	6002 LAWTON AVE	CO	2	N	N	24	Rd	20	--	PVC with cast lid
444	LAWT-006005-0000-00	C20325	6005 LAWTON AVE	RE	0.75	N	N		Sq	18	--	
445	LAWT-006013-0000-00	C20326	6013 LAWTON AVE	RE	0.75	N	N		Sq	14	--	
446	LAWT-006017-0000-00	C20327	6017 LAWTON AVE	RE	0.75	N	N		Sq	--	12	
447	LAWT-006023-0000-00	C20328	6023 LAWTON AVE	RE	0.75	N	N		Sq	--	12	
448	LAWT-006024-0000-00	C20329	6024 LAWTON AVE	RE	0.75	N	N		Sq	14	--	
449	LAWT-006027-0000-00	C20532	6027 LAWTON AVE	RE	0.75	N	N		Sq	--	12	
450	LAWT-006038-0000-00	C20330	6038 LAWTON AVE	RE	0.75	N	N		Sq	14	--	
451	LAWT-006043-0000-00	C30100	6043 LAWTON AVE	CO	1	N	N		Sq	14	--	Swan Creek Marina?
452	LAWT-006046-0000-00	C20533	6046 LAWTON AVE	RE	0.75	N	N		Sq	--	12	
453	LAWT-006052-0000-00	C20460	6052 LAWTON AVE	RE	0.75	N	N		Sq			
454	LAWT-006058-0000-00	C20331	6058 LAWTON AVE	RE	0.75	N	N		Sq			
455	LAWT-006064-0000-00	C20332	6064 LAWTON AVE	RE	0.75	N	N		Sq			
456	LAWT-00BOAT-0000-00	C20529	BOAT 5990 LAWTON AVE	RE	0.75	N	N		Rd	16	--	
457	LEE -021295-0000-00	E20768	21295 LEE ST	RE	0.75	N		10	Rd or Oval			Can't Find
458	LEE -021298-0000-00	E20767	21298 LEE ST	RE	0.75	N						Can't Find
459	LEE -021305-0000-00	E20904	21305 LEE ST	RE	0.75	N						Can't Find
460	LEE -021308-0000-00	E20766	21308 LEE ST	RE	0.75	N		10x15	Rect			
461	LEE -021311-0000-00	E20208	21311 LEE ST	RE	0.75	Y		10x15	Rect			Raise box?
462	LIBE-005680-0000-00	E20272	5680 LIBERTY ST	RE	0.75	N		10	Oval			Along Chesapeake Ave
463	LIBE-005691-0000-00	E20859	5691 LIBERTY ST	OT	0.75	Y		12	Rd			Needs lifted and new asphalt
464	LIBE-005694-0000-00	E20184	5694 LIBERTY ST	RE	0.75	N		10	Oval			
465	LIBE-005697-0000-00	E20288	5697 LIBERTY ST	RE	0.75	Y	N	10x15	Rect	14	--	Under 24" sq plate
466	LIBE-005702-0000-00	E20290	5702 LIBERTY ST	RE	0.75	N	N	10	Oval	20	--	Meter looks 9" long
467	LIBE-005705-0000-00	E20860	5705 LIBERTY ST	CH	0.75	N	N	10	Oval	16	--	
468	LIBE-005708-0000-00	E20289	5708 LIBERTY ST	RE	0.75	N	N	10	Oval	16	--	
469	LIBE-005720-0000-00	E20109	5720 LIBERTY ST	RE	0.75	N	N	10	Oval	16	--	along Sharp St
470	LIBE-005734-0000-00	E20673	5734 LIBERTY ST	RE	0.75	N	N	10	Oval	16	--	Meter buried in sand
471	LIBE-005740-0000-00	E20291	5740 LIBERTY ST	RE	0.75	N	N	10x15	Rect	16	--	
472	LIBE-005745-0000-00	E20861	5745 LIBERTY ST	RE	0.75	N	N	10	Oval	16	--	
473	LIBE-005751-0000-00	E20292	5751 LIBERTY ST	RE	0.75	N		10	Oval			
474	LIBE-005757-0000-00	E20862	5757 LIBERTY ST	RE	0.75	N	N	10	Rd or Oval	16	--	
475	LIBE-005775-0000-00	E20863	5775 LIBERTY ST	RE	0.75	N	N	10	Oval	16	--	2 pits next to each other
476	LIBE-005779-0000-00	E20864	5779 LIBERTY ST	RE	0.75	N	N	10	Oval	16	--	
477	LIBE-005782-0000-00	E20871	5782 LIBERTY ST	RE	0.75	N	N	10	Oval	16	--	
478	LIBE-005785-0000-00	E20865	5785 LIBERTY ST	RE	0.75	N	N	10x15	Rect	16	--	
479	LIBE-005788-0000-00	E20870	5788 LIBERTY ST	RE	0.75	N	N	10	Oval	16	--	
480	LIBE-005791-0000-00	E20866	5791 LIBERTY ST	RE	0.75	N	N	10	Rd or Oval	16	--	
481	LIBE-005794-0000-00	E20294	5794 LIBERTY ST	RE	0.75	N	N	10x15	Rect	--	10	
482	LIBE-005797-0000-00	E20867	5797 LIBERTY ST	RE	0.75	N	N	10	Oval	--	12	
483	LIBE-005800-0000-00	E20293	5800 LIBERTY ST	RE	0.75	Y	N	12	Rd	16	--	
484	LIBE-005801-0000-00	E20868	5801 LIBERTY ST	RE	0.75	N	N	10	Oval	16	--	
485	LIBE-005804-0000-00	E20443	5804 LIBERTY ST	RE	0.75	N	N	10	Oval	18	--	
486	LIBE-005816-0000-00	E20296	5816 LIBERTY ST	RE	0.75	Y	N	10x15	Rect	24"	--	

Line Item	Location ID	Account #	Service Address	CI	Meter Size	Replace Pit	Replace Lateral	Pit Size	Pit Shape	Meter Depth >2'	Meter Depth <1'	Notes
487	LOCU-005814-0000-00	C20571	5814 LOCUST ST	RE	0.75	N	N		Sq	--	10	Square Metal?
488	LOCU-005825-0000-00	C20475	5825 LOCUST ST	RE	0.75	N	N	10	Rd or Oval	--	10	Square Metal?
489	LOCU-005830-0000-00	C20570	5830 LOCUST ST	RE	0.75	Y	N		Sq	14	--	Square Metal?
490	LOCU-005835-0000-00	C20569	5835 LOCUST ST	RE	0.75	N	N		Sq	14	--	Square Metal?
491	LOCU-005839-0000-00	C20568	5839 LOCUST ST	RE	0.75	N						
492	LOLL-021239-0000-00	E20157	21239 LOLLER LN	RE	0.75	Y	N	10x15	Rect	15	--	
493	LOLL-021244-0000-00	E20730	21244 LOLLER LN	RE	0.75	Y	N	10x15	Rect	16	--	Surface standing water
494	LOLL-021249-0000-00	E20731	21249 LOLLER LN	RE	0.75	Y	N	10x15	Rect	16	--	Surface standing water
495	MAIN-000000-0000-00	E20216	5989 N MAIN ST	RE	0.75	Y	N			16	--	REPLACE EVERYTHING
496	MAIN-005588-0000-00	E20217	5588 MAIN ST	RE	0.75	N						
497	MAIN-005820-0000-00	E20427	5820 N MAIN ST	RE	0.75	Y	N	10	Rd or Oval			REPLACE EVERYTHING
498	MAIN-005825-0000-00	E20238	5825 N MAIN ST	RE	0.75	Y	N	10	Rd or Oval	16	--	REPLACE EVERYTHING
499	MAIN-005829-0000-00	E20239	5829 N MAIN ST	RE	0.75	N	N	10	Rd or Oval	14	--	OK
500	MAIN-005832-0000-00	E20790	5832 N MAIN ST	RE	0.75	Y	N	10	Rd or Oval	14	--	REPLACE EVERYTHING
501	MAIN-005837-0000-00	E20791	5837 N MAIN ST	RE	0.75	N	N	10	Rd or Oval	14	--	
502	MAIN-005840-0000-00	E20789	5840 N MAIN ST	RE	0.75	N	N	10	Rd or Oval			
503	MAIN-005846-0000-00	E20237	5846 N MAIN ST	RE	0.75	N	N	10	Rd or Oval	14	--	
504	MAIN-005850-0000-00	E20787	5850 N MAIN ST	RE	0.75	N	N	10	Rd or Oval	14	--	
505	MAIN-005853-0000-00	E20788	5853 N MAIN ST	RE	0.75	N	N	10	Rd or Oval	14	--	
506	MAIN-005856-0000-00	E20234	5856 N MAIN ST	RE	0.75	N	N	10	Rd or Oval	14	--	
507	MAIN-005859-0000-00	E20235	5859 N MAIN ST	RE	0.75	N	N	10	Rd or Oval	16	--	
508	MAIN-005862-0000-00	E20786	5862 N MAIN ST	RE	0.75	N	N	10	Rd or Oval	16	--	
509	MAIN-005867-0000-00	E20236	5867 N MAIN ST	RE	0.75	N	N			14	--	
510	MAIN-005870-0000-00	E20785	5870 N MAIN ST	RE	0.75	N	N	10	Rd or Oval	14	--	
511	MAIN-005877-0000-00	E20231	5877 N MAIN ST	RE	0.75	N	N	10	Rd or Oval	14	--	
512	MAIN-005880-0000-00	E20230	5880 N MAIN ST	RE	0.75	N	N	10	Rd or Oval	16	--	
513	MAIN-005881-0000-00	E20232	5881 N MAIN ST	RE	0.75	N	N			--	8	
514	MAIN-005885-0000-00	E20233	5885 N MAIN ST	RE	0.75	N	N	10	Rd or Oval	35	--	
515	MAIN-005888-0000-00	E20784	5888 N MAIN ST	RE	0.75	Y	N			16	--	
516	MAIN-005889-0000-00	E20226	5889 N MAIN ST	RE	0.75	Y	N			16	--	
517	MAIN-005896-0000-00	E20225	5896 N MAIN ST	RE	0.75	N	N	10	Rd or Oval	16	--	
518	MAIN-005899-0000-00	E20227	5899 N MAIN ST	RE	0.75	N	N			16	--	
519	MAIN-005906-0000-00	E20224	5906 N MAIN ST	RE	0.75	N	N	10	Rd or Oval	16	--	
520	MAIN-005909-0000-00	E20228	5909 N MAIN ST	RE	0.75	N	N	10	Rd or Oval	14	--	
521	MAIN-005913-0000-00	E20229	5913 N MAIN ST	RE	0.75	N	N	10	Rd or Oval	14	--	
522	MAIN-005916-0000-00	E20223	5916 N MAIN ST	RE	0.75	Y	N			16	--	
523	MAIN-005920-0000-00	E20222	5920 N MAIN ST	RE	0.75	N	N	10	Rd or Oval	16	--	
524	MAIN-005923-0000-00	E20783	5923 N MAIN ST	RE	0.75	N	N			14	--	
525	MAIN-005936-0000-00	E20159	5936 N MAIN ST	RE	0.75	N	N			16	--	
526	MAIN-005937-0000-00	E20782	5937 N MAIN ST	RE	0.75	N	N	10	Rd or Oval	--	12	
527	MAIN-005945-0000-00	E20781	5945 N MAIN ST	RE	0.75	N	N	10	Rd or Oval	16	--	
528	MAIN-005953-0000-00	E20219	5953 N MAIN ST	RE	0.75	N	N	10	Rd or Oval	16	--	
529	MAIN-005954-0000-00	E20780	5954 N MAIN ST	RE	0.75	N	N	10	Rd or Oval	16	--	
530	MAIN-005960-0000-00	E20779	5960 N MAIN ST	RE	0.75	N	N	10	Rd or Oval	--	12	
531	MAIN-005961-0000-00	E20218	5961 N MAIN ST	RE	0.75	N	N	10	Rd or Oval	16	--	
532	MAIN-005964-0000-00	E20778	5964 N MAIN ST	RE	0.75	N	N	10	Rd or Oval	14	--	
533	MAIN-005967-0000-00	E20484	5967 N MAIN ST	RE	0.75	N	N	10	Rd or Oval	14	--	
534	MAIN-005979-0000-00	E20215	5979 N MAIN ST	RE	0.75	N	N	10	Rd or Oval	16	--	
535	MAIN-005982-0000-00	E20776	5982 N MAIN ST	RE	0.75	N	N	10	Rd or Oval	14	--	
536	MAIN-005992-0000-00	E20214	5992 N MAIN ST	RE	0.75	N	N	10	Rd or Oval	16	--	
537	MAIN-005995-0000-00	E20213	5995 N MAIN ST	RE	0.75	N	N	10	Rd or Oval	14	--	
538	MAIN-005998-0000-00	E20775	5998 N MAIN ST	RE	0.75	Y	N	10	Rd or Oval	16	--	REPLACE EVERYTHING
539	MAIN-005999-0000-00	E20705	5999 N MAIN ST	RE	0.75	N	N	10	Rd or Oval	14	--	
540	MAIN-006007-0000-00	E20211	6007 N MAIN ST	RE	0.75	N	N	10	Rd or Oval	18	--	
541	MAIN-006014-0000-00	E20210	6014 N MAIN ST	RE	0.75	N	N	10	Rd or Oval	14	--	
542	MAIN-006022-0000-00	E20209	6022 N MAIN ST	RE	0.75	N	N	10	Rd or Oval	17	--	
543	MAIN-006030-0000-00	E20207	6030 N MAIN ST	RE	0.75	N	N			16	--	
544	MAIN-006036-0000-00	E20206	6036 N MAIN ST	RE	0.75	N	N	10	Rd or Oval	--	8	
545	MAIN-006044-0000-00	E20205	6044 N MAIN ST	RE	0.75	N	N	10	Rd or Oval	--	12	
546	MAIN-006053-0000-00	E20423	6053 N MAIN ST	RE	0.75	N	N	10	Rd or Oval	--	12	
547	MAIN-006060-0000-00	E20203	6060 N MAIN ST	RE	0.75	Y	N	10	Rd or Oval	--	12	
548	MAIS-000000-0000-00	E20795	5585 S MAIN ST	OT	0.75	N						Town Office
549	MAIS-005536-0000-00	F20817	5536 S MAIN ST	RE	0.75	N	N	10	Rd or Oval	--	12	
550	MAIS-005548-0000-00	E20256	5548 S MAIN ST	RE	0.75	N	N			27	--	
551	MAIS-005552-0000-00	E20255	5552 S MAIN ST	RE	0.75	N	N	10	Rd or Oval	20	--	
552	MAIS-005553-0000-00	E20816	5553 S MAIN ST	RE	0.75	N	N	10	Rd or Oval	18	--	
553	MAIS-005558-0000-00	E20254	5558 S MAIN ST	RE	0.75	N	N	10	Rd or Oval	16	--	
554	MAIS-005562-0000-00	E20815	5562 S MAIN ST	RE	0.75	N	N	10	Rd or Oval	16	--	
555	MAIS-005565-0000-00	E20221	5565 S MAIN ST	RE	0.75	N	N	10	Rd or Oval	18	--	
556	MAIS-005568-0000-00	E20220	5568 S MAIN ST	RE	0.75	N	N	10	Rd or Oval	14	--	
557	MAIS-005571-0000-00	E20426	5571 S MAIN ST	RE	0.75	N	N	10	Rd or Oval	16	--	
558	MAIS-005575-0000-00	E20253	5575 S MAIN ST	RE	0.75	N	N	10	Rd or Oval	18	--	
559	MAIS-005578-0000-00	E20777	5578 S MAIN ST	RE	0.75	N	N	10	Rd or Oval	14	--	
560	MAIS-005598-0000-00	E20764	5598 S MAIN ST	RE	0.75	N	N	10	Rd or Oval	16	--	
561	MAIS-005608-0000-00	E20202	5608 S MAIN ST	RE	0.75	N	N			16	--	
562	MAIS-005614-0000-00	E20762	5614 S MAIN ST	RE	0.75	N	N			16	--	
563	MAIS-005618-0000-00	E20199	5618 S MAIN ST	RE	0.75	N	N			18	--	SQUARE METAL
564	MAIS-005621-0000-00	E20198	5621 S MAIN ST	CH	0.75	Y		10	Rd or Oval			Catholic Church?
565	MAIS-005624-0000-00	E20196	5624 S MAIN ST	RE	0.75	N	N	10	Rd or Oval	16	--	
566	MAIS-005630-0000-00	E20761	5630 S MAIN ST	RE	0.75	N	N	10	Rd or Oval	18	--	
567	MAIS-005634-0000-00	E20195	5634 S MAIN ST	RE	0.75	N	N			20	--	

Line Item	Location ID	Account #	Service Address	CI	Meter Size	Replace Pit	Replace Lateral	Pit Size	Pit Shape	Meter Depth >2'	Meter Depth <1'	Notes
568	MAIS-005647-0000-00	E20812	5647 S MAIN ST	RE	0.75	N	N	10	Rd or Oval	16	--	
569	MAIS-005648-0000-00	E20252	5648 S MAIN ST	RE	0.75	N	N	10	Rd or Oval	18	--	
570	MAIS-005652-0000-00	E20809	5652 S MAIN ST	RE	0.75	N	N	10	Rd or Oval	17	--	
571	MAIS-005656-0000-00	E20811	5656 S MAIN ST	RE	0.75	N	N	10	Rd or Oval	17	--	
572	MAIS-005657-0000-00	E20813	5657 S MAIN ST	RE	0.75	N	N	10	Rd or Oval	16	--	
573	MAIS-005660-0000-00	E20810	5660 S MAIN ST	RE	0.75	N	N	10	Rd or Oval	14	--	
574	MAIS-005661-0000-00	E20814	5661 S MAIN ST	RE	0.75	N	N	10	Rd or Oval	18	--	
575	MAIS-005664-0000-00	E20808	5664 S MAIN ST	RE	0.75	N	N			24	--	
576	MAIS-005665-0000-00	E20250	5665 S MAIN ST	RE	0.75	N	N	10	Rd or Oval	20	--	
577	MAIS-005669-0000-00	E20249	5669 S MAIN ST	RE	0.75	N	N	10	Rd or Oval	14	--	
578	MAIS-005672-0000-00	E20251	5672 S MAIN ST	RE	0.75	N	N	10	Rd or Oval	24	--	
579	MAIS-005673-0000-00	E20807	5673 S MAIN ST	RE	0.75	N	N	10	Rd or Oval	16	--	
580	MAIS-005677-0000-00	E20248	5677 S MAIN ST	RE	0.75	N	N	10	Rd or Oval	14	--	
581	MAIS-005680-0000-00	E20831	5680 S MAIN ST	RE	0.75	N	N	10	Oval	18	--	Along Chesapeake Ave
582	MAIS-005683-0000-00	E20806	5683 S MAIN ST	RE	0.75	Y	N	10	Rd or Oval	18	--	
583	MAIS-005686-0000-00	E20832	5686 S MAIN ST	RE	0.75	N	N	10	Oval			Along Chesapeake Ave
584	MAIS-005689-0000-00	E20805	5689 S MAIN ST	RE	0.75	Y	N	10	Rd or Oval	18	--	
585	MAIS-005690-0000-00	E20803	5690 S MAIN ST	RE	0.75	N	N			16	--	
586	MAIS-005693-0000-00	E20430	5693 S MAIN ST	RE	0.75	N						
587	MAIS-005696-0000-00	E20429	5696 S MAIN ST	RE	0.75	N		10	Rd or Oval			
588	MAIS-005706-0000-00	E20802	5706 S MAIN ST	RE	0.75	N	N			--	8	
589	MAIS-005718-0000-00	E20801	5718 S MAIN ST	RE	0.75	N	N	10	Rd or Oval	14	--	
590	MAIS-005730-0000-00	E20410	5730 S MAIN ST	CH	0.75	N	N	10	Rd or Oval	14	--	
591	MAIS-005742-0000-00	E20675	5742 S MAIN ST	CO	0.75	Y	N			16	--	
592	MAIS-005745-0000-00	E20243	5745 S MAIN ST	RE	0.75	N	N			14	--	
593	MAIS-005750-0000-00	E20800	5750 S MAIN ST	RE	0.75	Y	N			16	--	
594	MAIS-005753-0000-00	H10428	5753 S MAIN ST	RE	0.75	N	N	10	Rd or Oval	14	--	
595	MAIS-005757-0000-00	E20244	5757 S MAIN ST	CO	0.75	N	N			16	--	
596	MAIS-005758-0000-00	E20799	5758 S MAIN ST	RE	0.75	Y	N			14	--	
597	MAIS-005761-0000-00	H10247	5761 S MAIN ST	RE	0.75	N	N	10	Rd or Oval	16	--	
598	MAIS-005764-0000-00	E20245	5764 S MAIN ST	RE	0.75	N	N	10	Rd or Oval	14	--	
599	MAIS-005769-0000-00	E20241	5769 S MAIN ST	CO	0.75	Y	N			16	--	
600	MAIS-005770-0000-00	E20798	5770 S MAIN ST	RE	0.75	Y	N			16	--	
601	MAIS-005774-0000-00	E20897	5774 S MAIN ST	RE	0.75	Y	N			14	--	
602	MAIS-005778-0000-00	E20240	5778 S MAIN ST	RE	0.75	N	N	10	Rd or Oval	16	--	
603	MAIS-005781-0000-00	E20796	5781 S MAIN ST	CO	0.75	N	N	10	Rd or Oval	14	--	
604	MAIS-005788-0000-00	H10242	5788 S MAIN ST	RE	0.75	N	N			--	12	
605	MAIS-005795-0000-00	E20488	5795 S MAIN ST	RE	0.75	N		10	Rd or Oval	--		
606	MAIS-005797-0000-00	E20797	5797 S MAIN ST	CO	0.75	N	N			16		
607	MAIS-005798-0000-00	E20794	5798 S MAIN ST	OT	0.75	N						
608	MEMO-005584-0000-00	E20425	5584 MEMORY LN	RE	0.75	N		10	Oval			
609	MERC-005777-0000-00	C20901	5777 MAPLE ROAD	RE	0.75	N	N			--	12	
610	MERC-005791-0000-00	C20031	5791 MAPLE ROAD	RE	0.75	N	N			--	12	
611	MERC-020654-0000-00	C20623	20654 MERCER AVE	RE	0.75	N	N	12x17	Rect	--	8	
612	MERC-020664-0000-00	C20543	20664 MERCER AVE	RE	0.75	N	N	12x17	Rect			
613	MERC-020674-0000-00	C20907	20674 MERCER AVE	OT	0.75	N	N	12x17	Rect	14	--	
614	MERC-020685-0000-00	C20368	20685 MERCER AVE	RE	0.75	N	N			16	--	
615	MERC-020694-0000-00	C20354	20694 MERCER AVE	RE	0.75	N	N			--	6	
616	MERC-020698-0000-00	E20015	20698 MERCER AVE	RE	1	N	N			--	12	
617	MERC-020708-0000-00	C20355	20708 MERCER AVE	RE	0.75	N	N			--	8	
618	MERC-020714-0000-00	C20544	20714 MERCER AVE	RE	0.75	N	N			17	--	
619	MERC-020723-0000-00	C20468	20723 MERCER AVE	RE	0.75	N	N			14	--	
620	MERC-020726-0000-00	C20356	20726 MERCER AVE	RE	0.75	N	N			20	--	
621	MERC-020742-0000-00	C20476	20742 MERCER AVE	RE	0.75	N	N			20	--	
622	MERC-020747-0000-00	C20469	20747 MERCER AVE	RE	0.75	N	N			18	--	
623	MERC-020750-0000-00	C20357	20750 MERCER AVE	RE	0.75	N	N			18	--	
624	MERC-020753-0000-00	C20546	20753 MERCER AVE	RE	0.75	N	N			17	--	
625	MERC-020759-0000-00	C20547	20759 MERCER AVE	RE	0.75	N	N			17	--	
626	MERC-020764-0000-00	C20545	20764 MERCER AVE	RE	0.75	N	N			--	12	
627	MERC-020772-0000-00	C20358	20772 MERCER AVE	RE	0.75	N	N			14	--	
628	MERC-020775-0000-00	C20548	20775 MERCER AVE	RE	0.75	N	N			16	--	
629	MERC-020780-0000-00	C20904	20780 MERCER AVE	RE	0.75	N	N			16	--	
630	MERC-020783-0000-00	C20359	20783 MERCER AVE	RE	0.75	N	N			18	--	ALL PLASTIC
631	MERC-020790-0000-00	C20360	20790 MERCER AVE	RE	0.75	N	N			18	--	
632	MERC-020795-0000-00	C20361	20795 MERCER AVE	RE	0.75	N	N			17	--	
633	MERC-020812-0000-00	C20549	20812 MERCER AVE	RE	0.75	N	N			16	--	
634	MERC-020815-0000-00	C20362	20815 MERCER AVE	RE	0.75	N	N			18	--	
635	MERC-020822-0000-00	E20086	20822 MERCER AVE	RE	0.75	N	N			17	--	
636	MERC-020825-0000-00	E20663	20825 MERCER AVE	RE	0.75	N	N			18	--	
637	NEW -000NEW-0000-00	E50041	NEW STREET	RE	2	N	N	24x24	Vault	20	--	MANHOLE - Swan Creek
638	NEW -005919-0000-00	E20505	5919 NEW STREET ST	RE	0.75	N	N		Rd	18	--	Plastic
639	PARK-005559-0000-00	E20773	5559 PARKVIEW AVE	RE	0.75	Y	N	12	Rd	--	12	
640	PARK-005560-0000-00	E20772	5560 PARKVIEW AVE	RE	0.75	Y	N	12	Rd	--	12	
641	PARK-005569-0000-00	E20771	5569 PARKVIEW AVE	RE	0.75	N	N	10x15	Rect	--	12	12X17 SQUARE METAL
642	RHAV-000000-0009-00	E20962	ROCK HALL AVE #9	RE	0.75		N					
643	RHAV-000LOT-0000-00	E20945	LOT - ROCK HALL AVE	OT	--	N	N	--	--	--	--	EMPTY LOT
644	RHAV-000LOT-0LOT-02	E20593	LOT - ROCK HALL AVE #LOT	RE	0.75		N					
645	RHAV-00BARN-0000-00	E30090	BARN - ROCK HALL AVE	CO	1	N	N					Barn - Pool?
646	RHAV-020561-0010-10	E20921	20561 ROCK HALL AVE #10	RE	0.75	N	N					
647	RHAV-020562-0000-00	C20320	20562 ROCK HALL AVE	RE	0.75	N	N			14	--	
648	RHAV-020563-POOL-00	E30881	20563 ROCK HALL AVE #POOL	OT	1	N	N			14	--	

Line Item	Location ID	Account #	Service Address	CI	Meter Size	Replace Pit	Replace Lateral	Pit Size	Pit Shape	Meter Depth >2'	Meter Depth <1'	Notes
649	RHAV-020565-0001-01	E20922	20565 ROCK HALL AVE #1	RE	0.75	N	N			16	--	
650	RHAV-020565-0002-02	E20931	20565 ROCK HALL AVE #2	RE	0.75	N	N			16	--	
651	RHAV-020565-0004-04	E20930	20565 ROCK HALL AVE #4	RE	0.75	N	N			16	--	
652	RHAV-020565-0019-19	E20937	20565 ROCK HALL AVE #19	RE	0.75	N	N	25x25	Vault	16	--	
653	RHAV-020627-0000-00	C20458	20627 ROCK HALL AVE	RE	0.75	N	N			--	12	
654	RHAV-020641-0000-00	C20319	20641 ROCK HALL AVE	RE	0.75	N	N			--	12	
655	RHAV-020686-0000-00	C20033	20686 ROCK HALL AVE	RE	0.75	N	N			28	--	
656	RHAV-020710-0000-00	C20376	20710 ROCK HALL AVE	RE	0.75	N	N			14	--	
657	RHAV-020714-0000-00	C20457	20714 ROCK HALL AVE	RE	0.75	N	N			16	--	
658	RHAV-020726-0000-00	C20517	20726 ROCK HALL AVE	RE	0.75	Y	Y			18	--	REPLACE EVERYTHING
659	RHAV-020729-0000-00	C20915	20729 ROCK HALL AVE	RE	0.75	N	N			19	--	
660	RHAV-020741-0000-00	C20514	20741 ROCK HALL AVE	RE	0.75	N	N			18	--	
661	RHAV-020745-0000-00	C20318	20745 ROCK HALL AVE	RE	0.75	N	N			14	--	
662	RHAV-020748-0000-00	C20515	20748 ROCK HALL AVE	RE	0.75	N	N			16	--	
663	RHAV-020748-00BB-00	C20518	20748 ROCK HALL AVE # BED	RE	0.75	N	N			16	--	
664	RHAV-020762-0000-00	C20516	20762 ROCK HALL AVE	RE	0.75	N	N			18	--	
665	RHAV-020771-0000-00	C20603	20771 ROCK HALL AVE	RE	0.75	N	N			17	--	
666	RHAV-020779-0000-00	C20456	20779 ROCK HALL AVE	RE	0.75	N	N			18	--	
667	RHAV-020790-0000-00	E50943	20790 ROCK HALL AVE	CO	2	N	N			24	--	
668	RHAV-020790-0804-00	C20510	20790 ROCK HALL AVE #804	RE	0.75	N	N			24	--	
669	RHAV-020791-0804-00	C20315	20791 ROCK HALL AVE #804	RE	0.75	N	N			24	--	
670	RHAV-020795-0000-00	C20316	20795 ROCK HALL AVE	RE	0.75	N	N			18	--	
671	RHAV-020801-0000-00	C20317	20801 ROCK HALL AVE	RE	0.75	N	N			20	--	
672	RHAV-020804-0804-00	C20509	20804 ROCK HALL AVE #804	RE	0.75	N	N			16	--	
673	RHAV-020807-0000-00	C20511	20807 ROCK HALL AVE	RE	0.75	N	N			16	--	
674	RHAV-020815-0000-00	C20512	20815 ROCK HALL AVE	RE	0.75	N	N			18	--	
675	RHAV-020818-0000-00	C20455	20818 ROCK HALL AVE	RE	0.75	N	N			16	--	
676	RHAV-020820-0000-00	E20455	20820 ROCK HALL AVE	RE	0.75	N	N			18	--	
677	RHAV-020824-0000-00	C20314	20824 ROCK HALL AVE	RE	0.75	N	N			16	--	
678	RHAV-020825-0000-00	C20036	20825 ROCK HALL AVE	RE	0.75	N	N			16	--	
679	RHAV-020828-0000-00	C20313	20828 ROCK HALL AVE	RE	0.75	N	N			16	--	
680	RHAV-020832-0000-00	C20312	20832 ROCK HALL AVE	RE	0.75	N	N			20	--	
681	RHAV-020835-0000-00	C20311	20835 ROCK HALL AVE	RE	0.75	N	N			20	--	
682	RHAV-020849-0000-00	C20507	20849 ROCK HALL AVE	RE	0.75	N	N			14	--	
683	RHAV-020855-0000-00	C20028	20855 ROCK HALL AVE	RE	0.75	N	N			16	--	
684	RHAV-020872-0000-00	C20508	20872 ROCK HALL AVE	CO	0.75	N	N			20	--	
685	RHAV-020873-0000-00	E20087	20873 ROCK HALL AVE	RE	0.75	N	N			16	--	
686	RHAV-020875-0000-00	E20311	20875 ROCK HALL AVE	RE	0.75	N	N			16	--	
687	RHAV-020877-0000-00	E20310	20877 ROCK HALL AVE	RE	0.75	N	N			14	--	
688	RHAV-020878-0000-00	E50506	20878 ROCK HALL AVE	CO	2	N	N			24	--	
689	RHAV-020880-0000-00	C20504	20880 ROCK HALL AVE	CO	0.75	N	N			16	--	
690	RHAV-020904-0000-00	E20503	20904 ROCK HALL AVE	RE	0.75	N	N			16	--	
691	RHAV-020938-0000-00	E20014	20938 ROCK HALL AVE	RE	0.75	N	N			18	--	
692	RHAV-020949-0000-00	C20383	20949 ROCK HALL AVE	RE	0.75	N	N			20	--	
693	RHAV-020950-0000-00	E20502	20950 ROCK HALL AVE	RE	0.75	N	N			16	--	
694	RHAV-020964-0000-00	E20501	20964 ROCK HALL AVE	RE	0.75	N	N			14	--	
695	RHAV-020967-0000-00	E20454	20967 ROCK HALL AVE	RE	0.75	N	N	10	Rd or Oval	16	--	
696	RHAV-020974-0000-00	E20500	20974 ROCK HALL AVE	RE	0.75	N	N	10	Rd or Oval	16	--	
697	RHAV-020977-0000-00	E20309	20977 ROCK HALL AVE	RE	0.75	N	N	10	Rd or Oval	16	--	
698	RHAV-020984-0000-00	E20008	20984 ROCK HALL AVE	RE	0.75	Y	N			16	--	
699	RHAV-020992-0000-00	E20453	20992 ROCK HALL AVE	OT	0.75	N	N			14	--	
700	RHAV-020995-0000-00	E20308	20995 ROCK HALL AVE	RE	0.75	N	N	10	Rd or Oval	16	--	
701	RHAV-021000-0000-00	E20499	21000 ROCK HALL AVE	RE	0.75	N	N			14	--	
702	RHAV-021003-0000-00	E20498	21003 ROCK HALL AVE	RE	0.75	N	N	10	Rd or Oval	16	--	
703	RHAV-021010-0000-00	E20496	21010 ROCK HALL AVE	RE	0.75	N	N	10	Rd or Oval	16	--	
704	RHAV-021013-0000-00	E20497	21013 ROCK HALL AVE	RE	0.75	N	N	10	Rd or Oval	14	--	
705	RHAV-021026-0000-00	E20495	21026 ROCK HALL AVE	RE	0.75	N	N	10	Rd or Oval	16	--	
706	RHAV-021032-0000-00	E20452	21032 ROCK HALL AVE	RE	0.75	N	N	10	Rd or Oval	16	--	
707	RHAV-021054-0000-00	E20306	21054 ROCK HALL AVE	RE	0.75	N	N	10	Rd or Oval	16	--	
708	RHAV-021070-0000-00	C20612	21070 ROCK HALL AVE	RE	0.75	N	N	10	Rd or Oval	--	12	
709	RHAV-021076-0000-00	E20494	21076 ROCK HALL AVE	RE	0.75	N	N			14	--	
710	RHAV-021084-0000-00	E20305	21084 ROCK HALL AVE	RE	0.75	N	N			16	--	
711	RHAV-021106-0000-00	E20493	21106 ROCK HALL AVE	RE	0.75	N	N	10	Rd or Oval	16	--	
712	RHAV-021142-0000-00	E20302	21142 ROCK HALL AVE	RE	0.75	N	N	10	Rd or Oval	14	--	
713	RHAV-021148-0000-00	E20889	21148 ROCK HALL AVE	RE	0.75	N	N	10	Rd or Oval	16	--	
714	RHAV-021154-0000-00	E20888	21154 ROCK HALL AVE	RE	0.75	N	N	10	Rd or Oval	14	--	
715	RHAV-021160-0000-00	E20301	21160 ROCK HALL AVE	RE	0.75	N	N			16	--	
716	RHAV-021165-0000-00	E20887	21165 ROCK HALL AVE	RE	0.75	N	N	10	Rd or Oval	14	--	
717	RHAV-021170-0000-00	E20886	21170 ROCK HALL AVE	RE	0.75	N	N	10	Rd or Oval	--	12	
718	RHAV-021177-0000-00	E20449	21177 ROCK HALL AVE	RE	0.75	N	N	10	Rd or Oval	14	--	
719	RHAV-021184-0000-00	E20885	21184 ROCK HALL AVE	RE	0.75	N	N	10	Rd or Oval	16	--	
720	RHAV-021190-0000-00	E20884	21190 ROCK HALL AVE	RE	0.75	N	N	10	Rd or Oval	14	--	
721	RHAV-021193-0000-00	E20300	21193 ROCK HALL AVE	RE	0.75	N	N	10	Rd or Oval	16	--	
722	RHAV-021198-0000-00	E20486	21198 ROCK HALL AVE	RE	0.75	N	N	10	Rd or Oval	14	--	
723	RHAV-021201-0000-00	E20883	21201 ROCK HALL AVE	RE	0.75	N	N	10	Rd or Oval	14	--	
724	RHAV-021211-0000-00	E20299	21211 ROCK HALL AVE	RE	0.75	N	N	10	Rd or Oval	14	--	
725	RHAV-021216-0000-00	E20448	21216 ROCK HALL AVE	RE	0.75	Y	N	10	Rd or Oval	16	--	
726	RHAV-021219-0000-00	E20878	21219 ROCK HALL AVE	RE	0.75	N	N	10	Oval	14	--	
727	RHAV-021228-0000-00	E20447	21228 ROCK HALL AVE	RE	0.75	N	N		Oval	14	--	
728	RHAV-021229-0000-00	E20877	21229 ROCK HALL AVE	RE	0.75	N	N	10	Oval	16	--	
729	RHAV-021232-0000-00	E20876	21232 ROCK HALL AVE	RE	0.75	N	N	10	Rd or Oval	14	--	

Line Item	Location ID	Account #	Service Address	CI	Meter Size	Replace Pit	Replace Lateral	Pit Size	Pit Shape	Meter Depth >2'	Meter Depth <1'	Notes
730	RHAV-021235-0000-00	E20297	21235 ROCK HALL AVE	RE	0.75	Y	N	10	Rd or Oval	16	--	
731	RHAV-021238-0000-00	E20875	21238 ROCK HALL AVE	RE	0.75	N	N	10	Rd or Oval	14	--	
732	RHAV-021241-0000-00	E20874	21241 ROCK HALL AVE	RE	0.75	N	N	10	Rd or Oval	16	--	
733	RHAV-021246-0000-00	E20445	21246 ROCK HALL AVE	RE	0.75	Y	N			14	--	
734	RHAV-021252-0000-00	E20872	21252 ROCK HALL AVE	RE	0.75	N	N	10	Rd or Oval	16	--	
735	RHAV-021258-0000-00	E20444	21258 ROCK HALL AVE	RE	0.75	Y	N			23	--	
736	RHAV-021260-0000-00	E20518	21260 ROCK HALL AVE	RE	0.75	N	N			--	12	
737	RHAV-021270-0000-00	E20873	21270 ROCK HALL AVE	CO	0.75	N	N			--	12	
738	RHAV-021309-0000-00	E30792	21309 ROCK HALL AVE	CO	1	N	N			32	--	
739	RHAV-021318-0000-00	E20200	21318 ROCK HALL AVE	CO	0.75	N	N			16	--	MANHOLE
740	RHAV-021327-0000-00	E50687	21327 ROCK HALL AVE	CO	2	N	N			24	--	20" MANHOLE
741	RHAV-021337-0000-00	E20692	21337 ROCK HALL AVE	OT	0.75	N	N	10x15	Rect	17	--	
742	RHAV-021340-0000-00	E20760	21340 ROCK HALL AVE	CO	0.75	N	N	10	Rd or Oval	16	--	
743	RHAV-021356-0000-00	E20201	21356 ROCK HALL AVE	CO	0.75	Y	N	10x15	Rect	16	--	rear of Valero
744	RHAV-021378-0000-00	E20197	21378 ROCK HALL AVE	OT	0.75	Y	N			16	--	
745	RHAV-021386-0000-00	E20312	21386 ROCK HALL AVE	CO	0.75	Y	N			14	--	
746	RHAV-021415-0000-00	E20117	21415 ROCK HALL AVE	RE	0.75	N	N	10	Rd or Oval	16	--	
747	RHAV-021435-0000-00	E20724	21435 ROCK HALL AVE	CO	1	Y	N			16	--	
748	RHAV-021447-0000-00	E20152	21447 ROCK HALL AVE	CO	0.75	Y	N	10	Rect	14	--	Metal Lid, plastic box
749	RHAV-021459-0000-00	E20150	21459 ROCK HALL AVE	CO	0.75	Y	N	10x15	Rect	16	--	Ford's Seafood along Chesapeak
750	RHAV-0CON18-0000-00	E20929	20565 ROCK HALL AVE (CONDO 18)	RE	0.75	N	N			16	--	MANHOLE
751	RHAV-COND11-0000-00	E20935	20561 ROCK HALL AVE (CONDO 11)	RE	0.75	N	N			16	--	
752	RHAV-COND12-0000-00	E20938	20561 ROCK HALL AVE (CONDO 12)	RE	0.75	N	N			16	--	
753	RHAV-COND13-0000-00	E20936	20565 ROCK HALL AVE (CONDO 13)	RE	0.75	N	N			16	--	
754	RHAV-COND14-0000-00	E20924	20563 ROCK HALL AVE (CONDO 14)	RE	0.75	N	N			16	--	
755	RHAV-COND15-0000-00	E20925	20563 ROCK HALL AVE (CONDO 15)	RE	0.75	N	N			14	--	MANHOLE
756	RHAV-COND16-0000-00	E20926	20565 ROCK HALL AVE (CONDO 16)	RE	0.75	N	N			16	--	MANHOLE
757	RHAV-COND17-0000-00	E20927	20565 ROCK HALL AVE (CONDO 17)	RE	0.75	N	N			16	--	MANHOLE
758	RHAV-CONDO3-0000-00	E20953	20565 ROCK HALL AVE (CONDO 03)	RE	0.75	N	N			14	--	
759	RHAV-CONDO5-0000-00	E20933	20565 ROCK HALL AVE (CONDO 05)	RE	0.75	N	N			16	--	
760	RHAV-CONDO6-0000-00	E20939	20565 ROCK HALL AVE (CONDO 06)	RE	0.75	N	N			14	--	
761	RHAV-CONDO8-0000-00	E20934	20565 ROCK HALL AVE (CONDO 08)	RE	0.75	N	N			16	--	
762	RHDR-005604-0000-00	E20853	5604 ROCK HARBOR DR	RE	0.75	Y	N		Rect			double meter box
763	RHDR-005606-0000-00	E20852	5606 ROCK HARBOR DR	RE	0.75	--	--	--	--	--	--	
764	RHDR-005608-0000-00	E20285	5608 ROCK HARBOR DR - UNIT 12	RE	0.75	Y	N		Rect			double meter box
765	RHDR-005610-0000-00	E20851	5610 ROCK HARBOR DR	RE	0.75	--	--	--	--	--	--	
766	RHDR-005612-0000-00	E20284	5612 ROCK HARBOR DR	RE	0.75	Y	N		Rect			double meter box
767	RHDR-005614-0000-00	E20850	5614 ROCK HARBOR DR	RE	0.75	--	--	--	--	--	--	
768	RHDR-005616-0000-00	E20849	5616 ROCK HARBOR DR	RE	0.75	Y	N		Rect			double meter box
769	RHDR-005618-0000-00	E20848	5618 ROCK HARBOR DR	RE	0.75	--	--	--	--	--	--	
770	RHDR-005620-0000-00	E20847	5620 ROCK HARBOR DR	RE	0.75	Y	N		Rect			double meter box
771	RHDR-005622-0000-00	E20283	5622 ROCK HARBOR DR	RE	0.75	--	--	--	--	--	--	
772	RHDR-005624-0000-00	E20846	5624 ROCK HARBOR DR	RE	0.75	Y	N		Rect			double meter box
773	RHDR-005626-0000-00	E20845	5626 ROCK HARBOR DR	RE	0.75	--	--	--	--	--	--	
774	RHDR-005628-0000-00	E20441	5628 ROCK HARBOR DR	RE	0.75	Y	N		Rect			double meter box
775	RHDR-005630-0000-00	E20844	5630 ROCK HARBOR DR	RE	0.75	--	--	--	--	--	--	
776	RHDR-COND16-0000-16	E20855	ROCK HARBOR DR #16	RE	0.75	Y	N	21x31	Pit			Open pit for boat slips
777	SECO-005725-0000-00	E20671	5725 SECOND ST	RE	0.75	N	N	10	Rd or Oval	--	12	
778	SECO-005729-0000-00	E20670	5729 SECOND ST	RE	0.75	N	N	10	Rd or Oval	--	12	
779	SHAE-000000-0000-00	E20915	E SHARP ST (btwn 21397 & 21375)	RE	0.75		Y	10	Rd or Oval			
780	SHAE-000004-0000-00	E50514	4 E SHARP ST	RE	2	N	N	10	Rd or Oval	14	--	LAUNDRY
781	SHAE-021273-0000-00	E20409	21273 E SHARP ST	CH	0.75	Y	Y	10x15	Rect	18	--	
782	SHAE-021279-0000-00	E20110	21279 E SHARP ST	OT	0.75	N	Y			14	--	
783	SHAE-021280-0000-00	E20111	21280 E SHARP ST	RE	0.75	N	Y			14	--	
784	SHAE-021309-0000-00	E20513	21309 E. SHARP	CO	0.75	N	Y	10	Rd or Oval	16	--	
785	SHAE-021318-0000-00	H10112	21318 E SHARP ST	RE	0.75	N	Y	10	Rd or Oval	14	--	
786	SHAE-021326-0000-00	H10676	21326 E SHARP ST	CO	0.75	N	Y	10	Rd or Oval	16	--	
787	SHAE-021332-0000-00	E20677	21332 E SHARP ST	RE	0.75	N	Y	10	Rd or Oval	14	--	
788	SHAE-021335-0000-00	E20804	21335 E SHARP ST	RE	0.75	Y	Y			14	--	
789	SHAE-021341-0000-00	E20678	21341 E SHARP ST	RE	0.75	N	Y			14	--	
790	SHAE-021346-0000-00	E20681	21346 E SHARP ST	RE	0.75	N	Y	10	Rd or Oval	14	--	
791	SHAE-021350-0000-00	E20680	21350 E SHARP ST	RE	0.75	N	Y	10	Rd or Oval	16	--	
792	SHAE-021351-0000-00	E20411	21351 E SHARP ST	RE	0.75	N	Y	10	Rd or Oval	16	--	
793	SHAE-021355-0000-00	H10679	21355 E SHARP ST	RE	0.75	N	Y	10	Rd or Oval	16	--	
794	SHAE-021358-0000-00	E20113	21358 E SHARP ST	RE	0.75		Y			20	--	
795	SHAE-021361-0000-00	E20696	21361 E SHARP ST	RE	0.75	Y	Y			18	--	
796	SHAE-021366-0000-00	E20118	21366 E SHARP ST	CH	0.75	N	Y	10	Rd or Oval	16	--	
797	SHAE-021372-0000-00	E20698	21372 E SHARP ST	RE	0.75	N	Y			17	--	
798	SHAE-021375-0000-00	E20697	21375 E SHARP ST	RE	0.75	N	Y	10	Rd or Oval	16	--	
799	SHAE-021384-0000-00	E20119	21384 E SHARP ST	RE	0.75	Y	Y			14	--	
800	SHAE-021394-0000-00	E20508	21394 E SHARP ST	RE	0.75	N	Y			22	--	
801	SHAE-021397-0000-00	E20699	21397 E SHARP ST	RE	0.75	N	Y	10	Rd or Oval	16	--	
802	SHAE-021403-0000-00	E20586	21403 E SHARP ST	RE	0.75	N	Y			14	--	
803	SHAE-021406-0000-00	E20120	21406 E SHARP ST	RE	0.75	N	Y	10x18	Rect	16	--	Tyler lid
804	SHAE-021407-0000-00	E20820	21407 E SHARP ST	RE	1	N	Y	10	Rd or Oval	16	--	
805	SHAE-021413-0000-00	E20122	21413 E SHARP ST	RE	0.75	N	Y	10	Rd or Oval	14	--	
806	SHAE-021418-0000-00	E20121	21418 E SHARP ST	RE	0.75	N	Y			16	--	
807	SHAE-021423-0000-00	E20700	21423 E SHARP ST	OT	1	N	Y			14	--	
808	SHAE-021427-0000-00	E20701	21427 E SHARP ST	RE	0.75	N	Y			16	--	
809	SHAE-021432-0000-00	E20702	21432 E SHARP ST	RE	0.75	N	Y	10	Rd or Oval	14	--	
810	SHAE-021435-0000-00	E20123	21435 E SHARP ST	OT	0.75	N	Y	10	Rd or Oval	16	--	

Line Item	Location ID	Account #	Service Address	CI	Meter Size	Replace Pit	Replace Lateral	Pit Size	Pit Shape	Meter Depth >2'	Meter Depth <1'	Notes
811	SHAE-021438-0000-00	E20413	21438 E SHARP ST	OT	0.75	N	Y			14	--	
812	SHAE-021443-0000-00	E20414	21443 E SHARP ST	RE	0.75	N	Y	10	Rd or Oval	14	--	
813	SHAE-021447-0000-00	E20703	21447 E SHARP ST	RE	0.75	N	Y	10	Rd or Oval	18	--	
814	SHAE-021451-0000-00	E20704	21451 E SHARP ST	RE	0.75	Y	Y	10	Rd or Oval	16	--	
815	SHAE-021452-0000-00	E20124	21452 E SHARP ST	RE	0.75	Y	Y	10	Oval	14	--	Concrete w/ Ford lid
816	SHAE-021457-0000-00	E20125	21457 E SHARP ST	RE	0.75	N	Y	10	Rd or Oval	16	--	
817	SHAE-021460-0000-00	E20127	21460 E SHARP ST	RE	0.75	Y	Y			14	--	
818	SHAE-021463-0000-00	E20706	21463 E SHARP ST	RE	0.75	Y	Y	10	Rd or Oval	16	--	
819	SHAE-021473-0000-00	E20128	21473 E SHARP ST	RE	0.75	N	Y			16	--	
820	SHAE-021484-0000-00	D20919	21484 E SHARP ST	OT	0.75	N	Y	10	Rd or Oval	17	--	
821	SHAE-021485-0000-00	E20485	21485 E SHARP ST	RE	0.75	N	Y			14	--	
822	SHAE-021530-0000-00	F20132	21530 E. SHARP ST.	RE	0.75	N	Y	10	Rd or Oval	16	--	
823	SHAE-021555-0000-00	F20152	21555 E SHARP ST	RE	0.75	N	Y			18	--	
824	SHAE-021562-0000-00	F20153	21562 E SHARP ST	RE	0.75	N	Y			18	--	
825	SHAW-021055-0000-00	E50636	21055 W SHARP ST	CO	2	N	Y			24	--	
826	SHAW-021090-0000-00	E40010	21090 W SHARP ST	RE	1.5	N	N			24	--	
827	SHAW-021096-0000-00	E20095	21096 W SHARP ST	RE	0.75	N	N	10	Rd or Oval	16	--	
828	SHAW-021103-0000-00	E20406	21103 W SHARP ST	RE	0.75	N	N			14	--	
829	SHAW-021108-0000-00	E20667	21108 W SHARP ST	RE	0.75	N	N	10	Rd or Oval	16	--	
830	SHAW-021114-0000-00	E20668	21114 W SHARP ST	RE	0.75	N	N	10	Rd or Oval	16	--	
831	SHAW-021175-0000-00	E20096	21175 W SHARP ST	RE	0.75	N	N	10	Rd or Oval	--	12	
832	SHAW-021178-0000-00	E20407	21178 W SHARP ST	RE	0.75	N	N	10	Rd or Oval	14	--	
833	SHAW-021183-0000-00	E20669	21183 W SHARP ST	RE	0.75	N	N	10	Rd or Oval	16	--	
834	SHAW-021187-0000-00	E20097	21187 W SHARP ST	RE	0.75	N	N	10	Rd or Oval	14	--	
835	SHAW-021191-0000-00	E20098	21191 W SHARP ST	RE	0.75	N	N	10	Rd or Oval	16	--	
836	SHAW-021194-0000-00	E20100	21194 W SHARP ST	RE	0.75	N	N	10	Rd or Oval	16	--	
837	SHAW-021197-0000-00	E20408	21197 W SHARP ST	RE	0.75	N	N	10	Rd or Oval	16	--	
838	SHAW-021200-0000-00	E20099	21200 W SHARP ST	RE	0.75	N	N	10	Rd or Oval	--	--	
839	SHAW-021203-0000-00	E60277	21203 W SHARP ST	SC	3	N	N		Vault	30	--	Neptune positive displacement
840	SHAW-021204-0000-00	E20101	21204 W SHARP ST	RE	0.75	N	N	10	Rd or Oval	14	--	
841	SHAW-021212-0000-00	E20102	21212 W SHARP ST	RE	0.75	N	N	10	Rd or Oval	16	--	
842	SHAW-021218-0000-00	E20103	21218 W SHARP ST	RE	0.75	Y	N			14	--	
843	SHAW-021224-0000-00	E20104	21224 W SHARP ST	RE	0.75	N	N	10	Rd or Oval	14	--	
844	SHAW-021230-0000-00	E20672	21230 W SHARP ST	RE	0.75	N	N	10	Rd or Oval	14	--	
845	SHAW-021233-0000-00	E20106	21233 W SHARP ST	RE	0.75	N	N	10	Rd or Oval	14	--	
846	SHAW-021236-0000-00	E20105	21236 W SHARP ST	RE	0.75	N	N	10	Rd or Oval	16	--	
847	SHAW-021239-0000-00	E20107	21239 W SHARP ST	RE	0.75	N	N	10	Rd or Oval	14	--	
848	SHAW-021243-0000-00	E20108	21243 W SHARP ST	RE	0.75	N	N	10	Rd or Oval	16	--	
849	SHAW-021476-0000-00	E40707	21476 W SHARP ST	CO	1.5	Y	N			14	--	
850	SPCO-006060-0000-00	Z20900	6060 SPRING COVE	RE	0.75	N	N			16	--	
851	SPCO-021035-0000-00	E50763	21035 SPRING COVE	CO	2	N	N			28	--	
852	SR -021051-0000-00	E20986	21051 STRIPER RUN	RE	0.75	N	N			14	--	
853	SR -021052-00A7-00	E20966	21052 STRIPER RUN #A7	RE	0.75	N	N			18	--	
854	SR -021053-0000-00	E20010	21053 STRIPER RUN	RE	0.75	N	N			16	--	
855	SR -021054-0000-00	E20976	21054 STRIPER RUN	RE	0.75	N	N			14	--	
856	SR -021055-0000-A3	E20956	21055 STRIPER RUN	RE	0.75	N	N			14	--	
857	SR -021059-0000-00	E20980	21059 STRIPER RUN	RE	0.75	N	N			16	--	
858	SR -021101-00A1-00	E20965	21101 STRIPER RUN #A1	RE	0.75	N	N			18	--	
859	SR -021103-0000-B3	E20959	21103 STRIPER RUN	RE	0.75	N	N			14	--	
860	SR -021105-0000-B4	E20957	21105 STRIPER RUN	RE	0.75	N	N			14	--	
861	SR -021107-0000-B5	E20958	21107 STRIPER RUN	RE	0.75	N	N			14	--	
862	SR -021109-B-06-00	E20968	21109 STRIPER RUN #B-06	RE	0.75	N	N			14	--	
863	SR -021111-0000-B7	E20960	21111 STRIPER RUN	RE	0.75	N	N			--	8	
864	SR -021113-B-08-00	E20969	21113 STRIPER RUN #B-08	RE	0.75	N	N			--	8	
865	SR -021114-B-42-00	E20970	21114 STRIPER RUN #B-42	RE	0.75	N	N			--	10	
866	SR -021115-B009-B9	E20973	21115 STRIPER RUN #B009	RE	0.75	N	N			--	10	
867	SR -021116-B-41-00	E20975	21116 STRIPER RUN #B-41	RE	0.75	N	N			--	10	
868	SR -021117-B010-00	E20963	21117 STRIPER RUN #B010	RE	0.75	N	N			--	10	
869	SR -021118-B-40-00	E20972	21118 STRIPER RUN #B-40	RE	0.75	N	N			20	--	
870	SR -021119-B-11-00	E20974	21119 STRIPER RUN #B-11	RE	0.75	N	N			--	8	
871	SR -021120-B-39-00	E20971	21120 STRIPER RUN #B-39	RE	0.75	N	N			20	--	
872	SR -021121-B010-00	E20964	21121 STRIPER RUN #B010	RE	0.75	N	N			--	8	
873	SR -021122-B-38-00	E21005	21122 STRIPER RUN #B-38	RE	0.75	N	N			20	--	
874	SR -021123-B-13-00	E21124	21123 STRIPER RUN #B-13	RE	0.75	N	N			--	8	
875	SR -021124-B-37-00	E21004	21124 STRIPER RUN #B-37	RE	0.75	N	N			20	--	
876	SR -021125-B-14-00	E21125	21125 STRIPER RUN #B-14	RE	0.75	N	N			--	8	
877	SR -021126-B-36-00	E21006	21126 STRIPER RUN #B-36	RE	0.75	N	N					
878	SR -021127-B-15-00	E21126	21127 STRIPER RUN #B-15	RE	0.75	N	N			18	--	
879	SR -021128-B-35-00	E21007	21128 STRIPER RUN #B-35	RE	0.75	N	N			--	2	
880	SR -021129-B-16-00	E21127	21129 STRIPER RUN #B-16	RE	0.75	N	N			17	--	
881	SR -021130-B-34-00	E21116	21130 STRIPER RUN B34	RE	0.75	N	N			16	--	
882	SR -021132-B-33-00	E21115	21132 STRIPER RUN B33	RE	0.75	N	N			16	--	
883	SR -021134-B-32-00	E21114	21134 STRIPER RUN B32	RE	0.75	N	N			16	--	
884	SR -021136-B-31-00	E21113	21136 STRIPER RUN B31	RE	0.75	N	N			16	--	
885	SR -021138-0000-00	E21117	21138 STRIPER RUN	RE	0.75	N	N			24	--	
886	SR -021140-0000-00	E21118	21140 STRIPER RUN	RE	0.75	N	N			24	--	
887	SR -021142-B-28-00	E21122	21142 STRIPER RUN #B-28	RE	0.75	N	N			24	--	
888	SR -021144-B-27-00	E21123	21144 STRIPER RUN #B-27	RE	0.75	N	N			24	--	
889	WALN-000000-0000-00	E20026	WALNUT ST (adj to 5697)	OT	0.75	N	N					
890	WALN-005639-0000-00	E20404	5639 WALNUT ST	CO	0.75	N	N			18	--	
891	WALN-005642-0000-00	E20894	5642 WALNUT ST	RE	0.75	N	N			14	--	

Line Item	Location ID	Account #	Service Address	CI	Meter Size	Replace Pit	Replace Lateral	Pit Size	Pit Shape	Meter Depth >2'	Meter Depth <1'	Notes
892	WALN-005649-0000-00	E30094	5649 WALNUT ST	CO	1	Y	N	10	Rd or Oval	12	--	
893	WALN-005650-0000-00	E20093	5650 WALNUT ST	RE	0.75	N	N			14	--	
894	WALN-005655-0000-00	H60403	5655 WALNUT ST	CO	0.75	N	N			14	--	
895	WALN-005666-0000-00	E20092	5666 WALNUT ST	RE	0.75	N	N			16	--	
896	WALN-005674-0000-00	E20666	5674 WALNUT ST	OT	0.75	N	N	10	Rd or Oval	16	--	
897	WALN-005697-0000-00	E20090	5697 WALNUT ST	RE	0.75	N	N	10	Rd or Oval	18	--	
898	WALN-005698-0000-00	E20089	5698 WALNUT ST	RE	0.75	N	N			14	--	
899	WALN-005705-0000-00	E20665	5705 WALNUT ST	RE	0.75	N	N	10	Rd or Oval	14	--	
900	WALN-005708-0000-00	E20402	5708 WALNUT ST	RE	0.75	N	N	10	Rd or Oval	16	--	
901	WALN-005716-0000-00	E20664	5716 WALNUT ST	RE	0.75	N	N			16	--	
902	WALN-005719-0000-00	E20088	5719 WALNUT ST	RE	0.75	N	N	10	Rd or Oval	14	--	
903	WALN-005730-0000-00	E20078	5730 WALNUT ST	RE	0.75	N	N	10	Rd or Oval	16	--	
904	WALN-005750-0000-00	E20517	5750 WALNUT STREET	RE	0.75	N	N			14	--	5757?
905	WALN-005758-0000-00	E20661	5758 WALNUT ST	RE	0.75	N	N	10	Rd or Oval	14	--	
906	WALN-00DOCK-0000-00	D40405	DOCK - WALNUT ST	CO	1.5	N	N			18	--	Kane Marina
907	WESL-000000-0000-00	F20134	WESLEY CHAPEL CORRIDOR	RE	0.75							
908	WESL-005855-0000-00	F20708	5855 WESLEY CHAPEL CORRIDOR	RE	0.75	N	N			18	--	
909	WESL-005859-0000-00	F20710	5859 WESLEY CHAPEL CORRIDOR	RE	0.75	N	N	10	Rd or Oval	18	--	
910	WESL-005863-0000-00	F20711	5863 WESLEY CHAPEL CORRIDOR	RE	0.75	N	N	10	Rd or Oval	18	--	
911	WESL-005868-0000-00	F20150	5868 WESLEY CHAPEL CORRIDOR	RE	0.75	N	N			17	--	
912	WESL-005871-0000-00	F20712	5871 WESLEY CHAPEL CORRIDOR	RE	0.75	N	N			16	--	
913	WESL-005893-0000-00	F20713	5893 WESLEY CHAPEL CORRIDOR	RE	0.75	N	N			14	--	
914	WESL-005900-0000-00	F20151	5900 WESLEY CHAPEL CORRIDOR	RE	0.75	N	N			14	--	
915	WESL-005910-0000-00	F20138	5910 WESLEY CHAPEL CORRIDOR	RE	0.75	N	N	10	Rd or Oval	16	--	
916	WESL-005912-0000-00	F20139	5912 WESLEY CHAPEL CORRIDOR	RE	0.75	Y	N			14	--	
917	WESL-005914-0000-00	F20140	5914 ROCK HALL AVE	RE	0.75	N	N	10	Rd or Oval	16	--	
918	WESL-005917-0000-00	F20477	5917 ROCK HALL AVE	RE	0.75	Y	N			14	--	
919	WESL-005921-0000-00	F20714	5921 WESLEY CHAPEL CORRIDOR	RE	0.75	Y	N	10	Rd or Oval	14	--	
920	WESL-005942-0000-00	F20715	5942 WESLEY CHAPEL CORRIDOR	RE	0.75	N	N	10	Rd or Oval	14	--	
921	WESL-005948-0000-00	F20716	5948 WESLEY CHAPEL CORRIDOR	RE	0.75	N	N	10	Rd or Oval	14	--	
922	WESL-005951-0000-00	F20719	5951 WESLEY CHAPEL CORRIDOR	RE	0.75	N	N	10	Rd or Oval	14	--	
923	WESL-005956-0000-00	F20717	5956 WESLEY CHAPEL CORRIDOR	RE	0.75	N	N	10	Rd or Oval	14	--	
924	WESL-005961-0001-00	F20718	5961 ROCK HALL ROAD	RE	0.75	N	N	10	Rd or Oval	14	--	
925	WESL-005966-0000-00	F20142	5966 WESLEY CHAPEL CORRIDOR	RE	0.75	N	N			14	--	
926	WESL-005979-0000-00	F20416	5979 WESLEY CHAPEL CORRIDOR	RE	0.75	N	N	10	Rd or Oval	16	--	
927	WESL-005995-0000-00	F20154	5995 WESLEY CHAPEL CORRIDOR	RE	0.75	N	N			16	--	
928	WESL-006005-0000-00	F20143	6005 ROCK HALL ROAD	RE	0.75	N	N	10	Rd or Oval	16	--	
929	WESL-006006-0000-00	F20146	6006 WESLEY CHAPEL CORRIDOR	RE	0.75	Y	N			14	--	
930	WESL-006009-0000-00	F20720	6009 WESLEY CHAPEL CORRIDOR	RE	0.75	Y	N	10	Rd or Oval	16	--	
931	WESL-006013-0000-00	F20144	6013 WESLEY CHAPEL CORRIDOR	RE	0.75	N	N	10	Rd or Oval	14	--	
932	WESL-006016-0000-00	F20145	6016 WESLEY CHAPEL CORRIDOR	RE	0.75	N	N			16	--	
933	WESL-006065-0000-00	F20147	6065 WESLEY CHAPEL CORRIDOR	CH	0.75	N	N			16	--	
934	WESL-006134-0000-00	F20721	6134 WESLEY CHAPEL CORRIDOR	RE	0.75	N	N			14	--	
935	WESL-006190-0000-00	F20148	6190 WESLEY CHAPEL CORRIDOR	CH	0.75	N	N			16	--	
936	WESL-00NONE-0000-00	F20709	21520 SHARP ST.	RE	0.75	N	N			14	--	
937	WESL-021501-0000-00	F20130	21501 E SHARP ST	RE	0.75	Y	N			14	--	
938	WESL-021513-0000-00	F20136	21513 E SHARP ST	RE	0.75	N	N			16	--	
939	WESL-021526-0000-00	F20131	21526 E SHARP ST	RE	0.75	N	N			16	--	
940	WESL-021529-0000-00	F20135	21529 WESLEY CHAPEL CORRIDOR	RE	0.75	N	N			14	--	
941	WESL-021542-0000-00	F20133	21542 E SHARP ST	RE	0.75	N	N	10	Rd or Oval	14	--	
942	WESL-021605-0000-00	F20137	21605 ROCK HALL AVE	RE	0.75	N	N			30	--	
943	WESL-FUNERA-0000-00	F20149	6179 WESLEY CHAPEL CORRIDOR	OT	0.75	Y	N			14	--	Funeral Home
944	WESL-VACLOT-0000-00	F20141	LOT - WESLEY CHAPEL CORRIDOR	OT	0.75	Y	N			14	--	Vacant Lot
945	WEXT-005757-0000-00	C20375	5757 WALNUT EXTENDED ST	RE	0.75	N	N			16	--	
946	WILK-000000-0000-00	C20370	20676 WILKENS AVE	RE	0.75	N	N					EMPTY LOT
947	WILK-020658-0000-00	C20563	20658 WILKENS AVE	CO	0.75	Y	N			--	12	
948	WILK-020669-0000-00	C20564	20669 WILKENS AVE	RE	0.75	N	N			--	12	
949	WILK-020670-0000-00	C20902	20670 WILKENS AVE.	RE	0.75	N	N			--	12	
950	WILK-020679-0000-00	C20565	20679 WILKENS AVE	RE	0.75	N	N			--	12	
951	WILK-020686-0000-00	C20626	20686 WILKENS AVENUE	RE	0.75	N	N			14	--	
952	WILK-020689-0000-00	C20371	20689 WILKENS AVE	RE	0.75	N	N			--	12	
953	WILK-020694-0000-00	C20911	20694 WILKENS AVE	RE	0.75	Y	N			--	12	
954	WILK-020705-0000-00	C20566	20705 WILKENS AVE	RE	0.75	N	N			14	--	
955	WILK-020709-0000-00	C20372	20709 WILKENS AVE	RE	0.75	N	N			14	--	
956	WILK-020714-0000-00	C20373	20714 WILKENS AVE	RE	0.75	N	N			--	12	
957	WILK-020725-0000-00	C20567	20725 WILKENS AVE	RE	0.75	N	N			14	--	
958	WILK-020746-0000-00	C20374	20746 WILKINS AVE	RE	0.75	Y	N			14	--	
959	WILL-000000-0000-00	E20016	5842 WILLIAMS ST	RE	--	N	N					EMPTY LOT
960	WILL-005845-0000-00	E20421	5845 WILLIAMS ST	RE	0.75	Y	N	10	Rd	14	--	
961	WILL-005854-0000-00	E20759	5854 WILLIAMS ST	RE	0.75	N	N	12	Rd	--	12	
962	WILL-005857-0000-00	E20757	5857 WILLIAMS ST	RE	0.75	Y	N	11x16	Rect	--	12	Metal lid too small in plastic frame
963	WILL-005860-0000-00	E20193	5860 WILLIAMS ST	RE	0.75	N	N	10	Oval	--	12	
964	WILL-005865-0000-00	E20758	5865 WILLIAMS ST	RE	0.75	N	N	10	Oval	--	12	
965	WILL-005870-0000-00	E20756	5870 WILLIAMS ST	RE	0.75	N	N	10	Oval	14	--	
966	WILL-005873-0000-00	E20422	5873 WILLIAMS ST	RE	0.75	N	N	10	Oval	--	12	
967	WILL-005879-0000-00	E20194	5879 WILLIAMS ST	RE	0.75	Y	N	10	Oval	14	--	Broken Lid
968	WILL-005882-0000-00	E20483	5882 WILLIAMS ST	RE	0.75	Y	N	10	Rd or Oval	--	12	Rd lid in oval
969	WILL-005883-0000-00	E20520	5883 WILLIAMS ST	RE	0.75	N	N		Rd	--	12	
970	WILL-005886-0000-00	E20754	5886 WILLIAMS ST	RE	0.75	N	N	10	Oval	14	--	Along Frederick
971	WILL-005895-LOT2-00	E20516	5895 WILLIAMS ST #LOT2	RE	0.75	N	N		Rd	--	12	
972	WILL-005904-0000-00	E20753	5904 WILLIAMS ST	RE	0.75	N	N	10	Oval	--	12	Along Frederick

Line Item	Location ID	Account #	Service Address	CI	Meter Size	Replace Pit	Replace Lateral	Pit Size	Pit Shape	Meter Depth >2'	Meter Depth <1'	Notes
973	WILL-005920-0000-00	E20420	5920 WILLIAMS ST	RE	0.75	N	N	10	Oval	14	--	
974	WILL-005925-LOT1-00	E20515	5925 WILLIAMS ST #LOT1	RE	0.75	N	N		Rd	14	--	
975	WW-005701-0000-00	E20002	5701 WATERMAN'S WAY	RE	0.75	N	N			16	--	
976	WW-005703-0000-00	E20001	5703 WATERMAN'S WAY	RE	0.75	N	N			16	--	
977	WW-005751-0000-B1	E20954	5751 WATERMAN'S WAY	RE	0.75	N	N			14	--	
978	WW-005753-0000-B2	E20955	5753 WATERMAN'S WAY	RE	0.75	N	N			14	--	
979	WW-005802-0000-00	E20977	5802 WATERMAN'S WAY	RE	0.75	Y	N			38	--	
980	WW-005803-0000-00	E20900	5803 WATERMAN'S WAY	RE	0.75	N	N			18	--	
981	WW-005804-0000-00	E20985	5804 WATERMAN'S WAY	RE	0.75	N	N			18	--	
982	WW-005805-0000-00	E20009	5805 WATERMAN'S WAY	RE	0.75	N	N			16	--	
983	WW-005807-0000-00	E20011	5807 WATERMAN'S WAY	RE	0.75	N	N			16	--	
984	WW-005809-A-35-00	E21129	5809 WATERMAN'S WAY #A-35	RE	0.75	N	N			16	--	
985	WW-005811-A-34-00	E21128	5811 WATERMAN'S WAY #A-34	RE	0.75	N	N			16	--	
986	WW-005813-0000-00	E21130	5813 WATERMAN'S WAY	RE	0.75	N	N			16	--	
					#	Mtr Size			Class	#		Description
					935	5/8"x3/4"			AG	0		AGRICULTURAL
					23	1"			CH	8		CHURCHES
					8	1.5"			CO	47		COMMERCIAL
					14	2"			OT	25		OTHER
					1	3"			RE	904		RESIDENTIAL
					1	4"			SC	2		SCHOOLS
					4	No Meter				986		
					986	TOTAL						