

# INVITATION FOR BID # 15-02

**COUNTY OF MONTGOMERY**  
**PURCHASING DEPARTMENT**  
 755 ROANOKE STREET, SUITE 2C  
 CHRISTIANSBURG, VA 24073-3179

DATE		BID OPENING DATE AND HOUR	SEALED BID
June 30, 2014		July 17, 2014 3:00PM	Yes

ADDRESS ALL INQUIRES AND  
 CORRESPONDENCE TO:  
 Montgomery County Purchasing Department  
 755 Roanoke Street, Suite 2C  
 Christiansburg, VA 24073-3179  
 Heather M. Hall, C.P.M.  
 Telephone Number: (540) 382-5784  
 Fax Number: (540) 382-5783  
 e-mail address:  
[hallhm@montgomerycountyva.gov](mailto:hallhm@montgomerycountyva.gov)

### SPECIAL INSTRUCTIONS

1. **Sealed Bid** responses should be returned in a envelope with the bid number and opening date indicated on the outside of the envelope.
2. Faxed responses to Sealed Bids cannot be sent directly to the Purchasing Department.
3. Responses must be submitted on this form and the attachment provided.
4. Responses should be signed below.
5. Responses will be received in the Montgomery County Purchasing Department, at the address listed above, until the bid opening date and hour or, if specified, the bid return date and hour shown above.
6. Contact the Purchasing Department for bid award information. Enclose a self-addressed stamped envelope if you wish to obtain price information.
7. **DELIVERY IS F.O.B. DESTINATION UNLESS OTHERWISE NOTED BY MONOTGOMERY COUNTY IN THE BODY OF THE BID.**
8. Attachment A is incorporated by reference into this invitation for bid and any resulting contract.

### COMMODITY: Shawsville WWTP Coating Project

NO	Description	Quantity	Unit	Unit Price	Extended Price
1.	Shawsville WWTP Coating Project per attached specifications, drawing and bid form. Mandatory pre-bid will be held at 2:00 pm on July 8, 2014 at 755 Roanoke Street, Christiansburg, VA 24073. You must be present at this meeting to be allowed to bid on the project.				

IN ACCORDANCE WITH THIS INVITATION FOR BID AND SUBJECT OF ALL TERMS AND CONDITIONS IMPOSED HERIN AND IN ATTACHMENTS, THE UNDERSIGNED OFFERS AND AGREES TO FURNISH THE ITEM(S) FOR THE PRICES OFFERED.

FULL LEGAL NAME (PRINT)		FEDERAL TAXPAYER NUMBER (ID#)		DELIVERY DATE	
PURCHASE ORDER ADDRESS		PAYMENT ADDRESS		<b>TERMS NET 30</b>	
CONTACT NAME/TITLE (PRINT)		SIGNATURE (INK)		DATE	
E-MAIL ADDRESS	TELEPHONE NUMBER	TOLL FREE NUMBER		FAX NUMBER	

**MONTGOMERY COUNTY PUBLIC SERVICE AUTHORITY  
BID FORM**

**PROJECT: Shawsville WWTP Coating Project  
Project Number 15-02**

In Compliance with the Invitation to Bid dated June 30, 2014, inviting bids to be received until July 17, 2014, the undersigned hereby proposes to furnish the plant, labor, materials, and equipment and perform all work for the above described project in strict accordance with the Contract Documents, including all addenda thereto, and the Drawings, in consideration of the prices set forth in the Schedule of Prices, and agrees, upon receipt of written notice of an award of the Contract that he will execute the Contract in the form stipulated, in accordance with this bid as accepted, and will furnish to the OWNER a performance bond and a payment bond with good and sufficient surety or sureties, as required by the Contract Documents, at the time the Contract is executed.

**SCHEDULE OF PRICES**

**BASE BID**

ITEM NO.	ITEM DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE	TOTAL PRICE
1.	Metal Basin Preparation and Coating Complete	Lot		
2.	Metal Removal and Replacement	10 Sq. Ft.		

**BASE BID PRICE \$** \_\_\_\_\_

**BASE BID IN WRITTEN FORM:** \_\_\_\_\_

**DOLLARS**

1. The Bidder agrees that all unit prices include installation complete.
2. The Bidder further agrees that if awarded the Contract, Bidder will commence the work within ten (10) calendar days after receipt of written Notice to Proceed, and that Bidder will complete the work within a total contract completion time of thirty (30) calendar days. Bidder agrees that contract time shall commence on the date of receipt of the Notice to Proceed stipulated in the Contract Documents.
3. The Bidder fully understands that if this bid is accepted, the failure or refusal to execute the Contract with and furnish to the Montgomery County Public Service Authority the required Bonds, within ten (10) consecutive calendar days from the receipt of written notice from the Office of the Purchasing Department, the Bid Security shall be forfeited to the Montgomery County Public Service Authority as liquidated damages.

**BID FORM**

**BF - 1**

4. The undersigned agrees, if this Bid is accepted, to pay as liquidated damages the sum of Five Hundred Dollars (\$500.00) per day to the Montgomery County Public Service Authority for each consecutive calendar day in excess of the stated time required for substantial completion of the work.

**ADDENDA:** Receipt of the following addenda to the Contract Documents are hereby acknowledged:

Addendum No. \_\_\_\_\_ Dated \_\_\_\_\_

Addendum No. \_\_\_\_\_ Dated \_\_\_\_\_

Addendum No. \_\_\_\_\_ Dated \_\_\_\_\_

Registered Virginia Contractor's Number \_\_\_\_\_

Firm \_\_\_\_\_

By \_\_\_\_\_ Title \_\_\_\_\_

**Business Mailing Address:**

\_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

**Business Street Address:**

\_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Telephone No. \_\_\_\_\_ FAX No. \_\_\_\_\_

**-END OF BID FORM -**

**BID FORM**

**BF - 2**

## 1.0 SCOPE

- A. This specification covers surface preparation, application, performance, clean-up and guarantee for coating of all surfaces as included herein.
- B. Contractor shall furnish all supervision, labor, tools, materials, equipment, scaffolding and/or other items as required to complete the work.
- C. Work to include all interior and exterior surfaces of the Montgomery County Public Service Authority (MCPSA) Shawsville Wastewater Treatment Plant (WWTP) northern clarifier, treatment basin and digester basin. This includes all metal surfaces of this portion of the WWTP including walkways.
- D. All work shall be complete thirty, (30) days after award of contract (excluding weather days where work cannot be performed).
- E. SUBMITTAL REQUIRED AFTER AWARD OF CONTRACT – For each paint system used herein, the contractor shall obtain from each paint manufacturer Product Data Sheets, Technical Data Sheets, Material Safety Data sheets (MSDS) and paint colors available (where applicable) for each product used in the paint system. Contractor shall provide one full kit sample of each batch of coating used for this job. Contractor shall submit the required information on system-by-system basis at least 5 days prior to start of work to MCPSA.

## 2.0 SURFACE PREPARATION

### A. GENERAL:

- 1. Contractor shall provide proper containment and disposal of blast and removed materials as required by all applicable laws, regulations, codes, and requirements. Contractor shall be fully responsible and indemnify MCPSA for materials removal, handling, transport and final disposal.
- 2. All materials of a paint system, including primer and finish coats shall be produced by the same paint manufacturer. Thinners, cleaners, dryers, and other additives shall be as recommended by the paint manufacturer of the particular coating. All coatings being applied by brush or roller must be applied with professional quality brushes & rollers.
- 3. MCPSA shall be responsible for de-watering and wash down of clarifier and basins prior to the commencing of any work by the contractor.
- 4. The Contractor shall be solely responsible for any additional clarifier and basin de-watering; cleaning and debris/material removal as required once MCPSA releases said clarifier and basins to the contractor for painting.
- 5. Contractor shall be responsible for installing plugs, sump pumps and other devices as needed in order to keep tanks dry and removal of said equipment after completion of work.

6. Protection of materials and equipment NOT to be painted – Remove, mask, or otherwise protect hardware, lighting fixtures, switch-plates, aluminum surfaces, machined surfaces, couplings, shafts, bearings, nameplates on machinery, and other surfaces not intended to be painted. Provide drop cloths to prevent paint materials from falling on or marring adjacent surfaces. Protect surface preparation and painting process. Openings in motors, blowers, pumps, etc., shall be masked to prevent blast material, paint and other materials from entering.

**B. IMMERSION SURFACES:**

1. Surfaces to be cleaned and coated shall be clean and dry.
2. Surface cleaning shall be by abrasion blasting per Society for Protective Coatings (SSPC) SP-10 Near White Blast Cleaning guidelines.
3. Blast cleaning shall not be done if ambient temperature exceeds 95 degrees Fahrenheit or the steel surface exceeds 120 degrees Fahrenheit.
4. Blast cleaning shall not be done if surface temperature is equal to or less than 5 degrees Fahrenheit of ambient dew point.
5. Blast cleaning shall not be done if ambient relative humidity is above 85 degrees Fahrenheit.
6. All blast and removed materials shall be completely removed prior to application of coating.
7. Primer shall be applied before rusting or contamination of surface. Any rust or contamination shall be removed by abrasion blasting per these specifications.
8. Primer shall be TNEMEC Series 1 Primer Coating or equal applied at a minimum of dry film thickness (DFT) of 2 mils.
9. Primary coating shall be Amine Cure Coal Tar Epoxy by TNEMEC or equal applied at a minimum of DFT of 16 mils.
10. Damaged coatings, pinholes, and holidays shall be ground down and have the edges feathered and repaired in accordance with the recommendations of the paint manufacturer, and reviewed by MCPSA inspector.

**C. NON-IMMERSION SURFACES:**

1. Surfaces to be cleaned and coated shall be clean and dry.
2. Surface cleaning shall be by abrasion blasting per Society for Protective Coatings (SSPC) SP-6 Blast Cleaning guidelines.
3. Blast cleaning shall not be done if ambient temperature exceeds 95 degrees Fahrenheit or the steel surface exceeds 120 degrees Fahrenheit.
4. Blast cleaning shall not be done if surface temperature is equal to or less than 5 degrees Fahrenheit of ambient dew point.
5. Blast cleaning shall not be done if ambient relative humidity is above 85 degrees Fahrenheit.
6. All blast and removed materials shall be completely removed prior to application of coating.
7. Primer shall be applied before rusting or contamination of surface. Any rust or contamination shall be removed by abrasion blasting per these specifications.

8. Primer shall be TNEMEC Series 90-98 Primer Coating or equal applied at a minimum of dry film thickness (DFT) of 3 mils.
9. Intermediate coating shall be TNEMEC Pota-Pox Series FC20 Coating or equal applied at a minimum of DFT of 4 mils. Color to be approved by MCPSA.
10. Primary coating shall be TNEMEC Endura-Shield II Series 1074 or equal applied at a minimum of DFT of 3 mils. Color to be approved by MCPSA.
11. Damaged coatings, pinholes, and holidays shall be ground down and have the edges feathered and repaired in accordance with the recommendations of the paint manufacturer, and reviewed by MCPSA inspector.

**D. REPAIRS TO METAL SURFACES:**

1. Surfaces with less than 50% of original metal thickness shall be removed and replaced with material equal to original material.
2. Surfaces with less than 75% of original metal thickness shall be evaluated for material replacement. MCPSA will authorize replacement within 48 business hours after notification by Contractor identifying area and cost of replacement.
3. Metal replacement shall be done prior to surface cleaning and primer application.
4. Metal replacement shall be by welding of entire edge/seam of new metal to existing Section. Contractor shall be qualified to perform welding.

**3.0 INSPECTIONS**

1. The Contractor shall give MCPSA a minimum of three (3) days advance notice of the start of any surface preparation work or coating application work. All such work shall be subject to inspection during the course of each workday. Inspections will include hold points between each phase. The inspectors shall have the authority to stop or allow work to continue based on outcome of inspection, (pass/fail).
2. For all coatings subject to immersion, full cure must be obtained for the completed system. Consult the coatings manufacturers written instructions for these requirements. The coating shall not be immersed for any purpose until completion of the curing cycle.
3. Inspection by MCPSA, or the waiver of inspection of any particular portion of the work shall not be construed to relieve the contractor of his/her responsibility to perform the work in accordance with these specifications.
4. MCPSA may use any methods deemed necessary to test the Work.

**4.0 QUALITY ASSURANCE**

**A. QUALIFICATIONS:**

1. Contractor shall be fully qualified to perform work herein specified and regularly engaged in coating applications of similar scope. A minimum of two similar projects per year for the last five years. Contractor shall provide name of similar projects in Virginia along with project name and contacts.

2. Contractor shall have a SSPC qualified/competent person to operate instruments and/or equipment required to perform all necessary testing herein specified.
3. Contractor shall also be qualified to perform welding per scope of this specification.

**B. SAFETY:**

1. Painting shall be performed in strict accordance with the safety recommendations of the paint manufacturer; with the safety recommendations of the National Association of Corrosion Engineers, Manual for Painter Safety; Federal, State and local agencies having jurisdiction. In accordance with requirements of the latest revision of the OSHA regulations for Construction, the contractor shall provide and require use of personnel protective equipment for persons working in or about the project site. In addition, workers engaged in or near the work during blast cleaning shall wear ear, eye and face protection devices meeting the requirements of latest OSHA Regulations for blast cleaning operations, and air-purifying, half-mask or mouthpiece respirator with appropriate filter. If clarifier and basins are to be covered for containment, proper ventilation must be provided.

**C. WASTE DISPOSAL:**

1. Contractor shall handle, transport and dispose of all blast and removed material per all applicable requirements and shall provide adequate documentation to MCPSA of proper disposal.

**D. DAMAGE TO EXISTING MCPSA PROPERTY:**

1. Contractor shall protect all existing MCPSA Property from damage and provide necessary work for such operation. Contractor shall be held responsible for any damage to existing MCPSA property including MCPSA vehicles, personal vehicles, structures, roadways, materials or equipment because of his/her operations and shall repair or replace any damaged structures, material or equipment to the satisfaction of and at no additional cost to the MCPSA.

**E. WARRANTY**

1. Contractor shall warranty to the Owner and guarantee the all work as specified herein against any defects resulting from the use of Inferior material, equipment, or workmanship for one (1) year commencing on the date of final acceptance of the project.

**END OF SECTION**

**ATTACHMENT A**  
**TERMS AND CONDITIONS**

**GENERAL TERMS AND CONDITIONS**

[http://www.montgomerycountyva.gov/filestorage/1146/98/175/703/ifb\\_terms\\_and\\_conditions.pdf](http://www.montgomerycountyva.gov/filestorage/1146/98/175/703/ifb_terms_and_conditions.pdf)

**SPECIAL TERMS AND CONDITIONS**

1. **AWARD OF CONTRACT:** Montgomery County will make the award on-line item basis to the lowest responsive and responsible bidder. The Montgomery County Purchasing Department also reserves the right to reject any or all bids, in whole or in part, to waive informalities and to delete items prior to making the award, whenever it is deemed in the sole opinion of Montgomery County to be in its best interest.
2. **WARRANTY (COMMERCIAL):** The Contractor agrees that the supplies or services furnished under any award resulting from this solicitation shall be covered by the most favorable commercial warranties the contractor gives any customer for such supplies or services and that the rights and remedies provided therein are in addition to and do not limit those available to Montgomery County by any other clause of this solicitation. A copy of this warranty must be furnished with the bid.
3. **IDENTIFICATION OF SEALED BID ENVELOPE:** The signed bid should be returned in a separate envelope or package, sealed and addressed as follows:  
MONTGOMERY COUNTY  
Purchasing Department  
755 Roanoke Street, Suite 2C  
Christiansburg, Virginia 24073-3179  
Reference the opening date and hour, and Bid Number in the lower left corner of the envelope or package.  
If a bid not contained in the special envelope is mailed, the bidder takes the risk that the envelope, even if marked as described above, may be inadvertently opened and the information compromised which may cause the bid to be disqualified. No other correspondence or other bids should be placed in the envelope. Bids may be hand delivered to the Montgomery County Purchasing Department.
4. **MINORITY BUSINESS, WOMEN-OWNED BUSINESSES SUBCONTRACTING AND REPORTING:** Where it is practicable for any portion of the awarded contract to be subcontracted to other suppliers, the contractor is encouraged to offer such business to minority and/or women-owned businesses. Names of firms may be available from the buyer and/or from the Division of Purchases and Supply. When such business has been subcontracted to these firms and upon completion of the contract, the contractor agrees to furnish the purchasing office the following information: name of firm, phone number, total dollar amount subcontracted and type of product/service provided.
5. **BID BOND OR GUARANTEE:** If the total amount of the bid exceeds \$100,000, the bid shall be accompanied by a bid bond or guarantee of five percent (5%) of the amount of the bid, which shall be a certified check, cash escrow, or a bid bond payable to Montgomery County. The sureties of all bonds shall be of such surety company or companies as are approved by the State and are authorized to transact business in the Commonwealth of Virginia. Such bid bond or check shall be submitted with the understanding that it shall guarantee that the bidder will not withdraw such bid during the period of ninety (90) days following the opening of bids; that if such bid is accepted, the bidder will accept and perform under the terms of the Invitation for Bid and purchase order or contract. The bid guarantee will be returned upon award of contract.
6. **PERFORMANCE AND PAYMENT BONDS:** If the total amount of the bid exceeds \$100,000, the successful bidder shall deliver to the Montgomery County Purchasing Department executed Commonwealth of Virginia Standard Performance and Labor and Material Payment Bonds, each in the sum of the contract amount, with Montgomery County as obligee. The surety shall be a surety company or companies approved by the State Corporation Commission to transact business in the Commonwealth of Virginia. No payment shall be due and payable to the Contractor, even if the contract has been performed in whole or in part, until the bonds have been delivered to and approved by the Montgomery County Purchasing Department. Standard bond forms will be provided by the Montgomery County Purchasing Department prior to or at the time of award.
7. **CANCELLATION OF CONTRACT:** Montgomery County reserves the right to cancel and terminate any resulting contract, in part or in whole, without penalty, upon 60 days written notice to the Contractor. In the event the initial contract period is for more than 12 months, the resulting contract may be terminated by either party, without penalty, after the initial 12 months of the contract period upon 60 days written notice to the other party. Any contract cancellation notice shall not relieve the Contractor of the obligation to deliver and/or perform on all outstanding orders issued prior to the effective date of cancellation.
8. **FINAL INSPECTION:** At the conclusion of the work, the Contractor shall demonstrate to the authorized owner's representatives that the work is fully operational and in compliance with contract specifications and codes. Any deficiencies shall be promptly and permanently corrected by the Contractor at the Contractor's sole expense prior to final acceptance of the work.
9. **INDEPENDENT CONTRACTOR:** The contractor shall not be an employee of Montgomery County, but shall be an independent contractor.  
Nothing in this agreement shall be construed as authority for the contractor to make commitments which shall bind Montgomery County, or to otherwise act on behalf of Montgomery County, except as Montgomery County may expressly authorize in writing.
10. **INSPECTION OF JOB SITE:** My signature on this solicitation constitutes certification that I have inspected the job site and am aware of the conditions under which the work must be accomplished. Claims, as a result of failure to inspect the job site, will not be considered by Montgomery County.
11. **INSURANCE:**  
By signing and submitting a bid under this solicitation, the Bidder certifies that if awarded the contract, it will have the following insurance coverages at the time the work commences. Additionally, it will maintain these during the entire term of the contract and that all insurance coverages will be provided by insurance companies authorized to sell insurance in Virginia by the Virginia State Corporation Commission.  
During the period of the contract, Montgomery County reserves the right to require the Contractor to furnish certificates of insurance for the coverage required.  
**INSURANCE COVERAGES AND LIMITS REQUIRED:**
  - A. Worker's Compensation - Statutory requirements and benefits.
  - B. Employers Liability - \$100,000.00
  - C. General Liability - \$500,000.00 combined single limit. Montgomery County and the Commonwealth of Virginia shall be named as an additional insured with respect to goods/services being procured. This coverage is to include Premises/Operations Liability, Products and Completed Operations Coverage, Independent Contractor's Liability, Owner's and Contractor's Protective Liability and Personal Injury Liability.
  - D. Automobile Liability - \$500,000.00The contractor agrees to be responsible for, indemnify, defend and hold harmless Montgomery County, its officers, agents and employees from the payment of all sums of money by reason of any claim against them arising out of any and all occurrences resulting in bodily or mental injury or property damage that may happen to occur in connection with and during the performance of the contract, including but not limited to claims under the Worker's Compensation Act. The contractor agrees that it will, at all times, after the completion of the work, be responsible for, indemnify, defend and hold harmless Montgomery County, its officers, agents and employees from all liabilities resulting from bodily or mental injury or property damage directly or indirectly arising out of the performance or nonperformance of the contract.
12. **Lead:** The Contractor is contracted by Montgomery County to perform work in buildings where lead-containing materials such as lead-based paint may be located. Work performed under this contract may impact these lead materials (for example, during building renovations), but does not include lead abatement or de-leading

operations. The Contractor will be informed by Montgomery County project coordinator/manager of the location of suspect and known lead containing materials in the work area(s) to which the Contractor is assigned. The Contractor shall provide all training and equipment required by 29 CFR 1926.62 for the safe performance of the work. The Contractor may not perform de-leading or lead abatement unless they hold a valid Virginia Lead Contractor license and have been specifically retained to perform this work as a part of the contract. The Contractor shall submit to Montgomery County, County Engineer for review and approval his written Lead Work Plan which outlines work practices, precautions, procedures, and engineering controls to be used during work that disturbs lead prior to commencement of this work. Work will not proceed until the Lead Work Plan has been approved by the County Engineer.

13. **NEGOTIATION WITH THE LOWEST BIDDER:** Unless all bids are cancelled or rejected, Montgomery County reserves the right granted by Section 2.2-4318 of the Code of Virginia to negotiate with the lowest responsive, responsible bidder to obtain a contract price within the funds available to Montgomery County whenever such low bid exceeds Montgomery County's available funds. For the purpose of determining when such negotiations may take place, the term "available funds" shall mean those funds which were budgeted by Montgomery County for this contract prior to the issuance of the written Invitation for Bids. Negotiations with the low bidder may include both modifications of the bid price and the Scope of Work/Specifications to be performed. Montgomery County shall initiate such negotiations by written notice to the lowest responsive, responsible bidder that its bid exceeds the available funds and that Montgomery County wishes to negotiate a lower contract price. The times, places, and manner of negotiating shall be agreed to by Montgomery County and the lowest responsive, responsible bidder.
14. **PRIME CONTRACTOR RESPONSIBILITIES:** The Contractor shall be responsible for completely supervising and directing the work under this contract and all subcontractors that he may utilize, using his best skill and attention. Subcontractors who perform work under this contract shall be responsible to the prime Contractor. The Contractor agrees that he is as fully responsible for the acts and omissions of his subcontractors and of persons employed by them as he is for the acts and omissions of his own employees.
15. **SAFETY:** All contractors working on projects for Montgomery County must maintain an adequate safety program to insure the safety of contractor employees, subcontractor employees, and all other individuals working under this contract. The Virginia Occupational Health Act (VOSHA) provides for safety and health protection for employees on the job. The contractor is required to comply with the VOSHA standards. In addition, the contractor must also provide Montgomery County with a written safety program that he intends to follow in pursuing work under this contract. In lieu of providing such a program, the contractor may elect to comply with the "Montgomery County Safety Guide for Contractors and Subcontractors" and advise Montgomery County in writing of his election to do so. No work under this contract will be permitted until Montgomery County is assured that the contractor has an adequate safety program in effect.
16. **SUBCONTRACTS:** No portion of the work shall be subcontracted without prior written consent of Montgomery County. In the event that the Contractor desires to subcontract some part of the work specified herein, the Contractor shall furnish Montgomery County the names, qualifications and experience of their proposed subcontractors. The Contractor shall, however, remain fully liable and responsible for the work to be done by his subcontractor(s) and shall assure compliance with all requirements of the contract.
17. **WORK SITE DAMAGES:** Any damage to existing utilities, equipment or finished surfaces resulting from the performance of this contract shall be repaired to the Owner's satisfaction at the Contractor's expense.

**ProQuality Lab**  
**Your Resource for Laboratory Solutions**

EPA ID: GA01200

659 Henderson Dr. Suite H  
Cartersville, GA 30120

Phone: 770-382-4400  
Fax: 770-382-4408

**Analytical Results**  
**4/24/2013**

Utility Service Co, Inc  
Regina Arthur  
P.O. Box 1350  
Perry, GA 31069

**Project: Montgomery Co., VA Waste Treatment Plant**

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*Lab Sample ID: PQ- 29185*  
*Sample ID: BMB 445 Interior*  
*Description: Sidewall*

*Date Sampled: 4/15/2013*  
*Sampler: Brad Brown*  
*PO Number:*

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<u>Analyte</u>	<u>Method</u>	<u>Result</u>	<u>Detection</u> <u>Limit</u>	<u>Units</u>	<u>Analysis</u> <u>Date</u>	<u>Analyst</u>
<b>Chromium (Cr)</b>	<b>EPA 6010B</b>	<b>4,110</b>	<b>50</b>	<b>mg/kg</b>	<b>4/23/2013</b>	<b>AB</b>
<b>Lead (Pb)</b>	<b>EPA 6010B</b>	<b>20,500</b>	<b>100</b>	<b>mg/kg</b>	<b>4/23/2013</b>	<b>AB</b>

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*Lab Sample ID: PQ- 29186*  
*Sample ID: BMB 445 Exterior*  
*Description: Sidewall*

*Date Sampled: 4/15/2013*  
*Sampler: Brad Brown*  
*PO Number:*

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<u>Analyte</u>	<u>Method</u>	<u>Result</u>	<u>Detection</u> <u>Limit</u>	<u>Units</u>	<u>Analysis</u> <u>Date</u>	<u>Analyst</u>
<b>Chromium (Cr)</b>	<b>EPA 6010B</b>	<b>192</b>	<b>50</b>	<b>mg/kg</b>	<b>4/23/2013</b>	<b>AB</b>
<b>Lead (Pb)</b>	<b>EPA 6010B</b>	<b>825</b>	<b>100</b>	<b>mg/kg</b>	<b>4/23/2013</b>	<b>AB</b>

Utility Service Co, Inc  
Regina Arthur  
P.O. Box 1350  
Perry, GA 31069

**Project: Montgomery Co., VA Waste Treatment Plant**

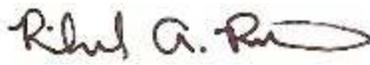
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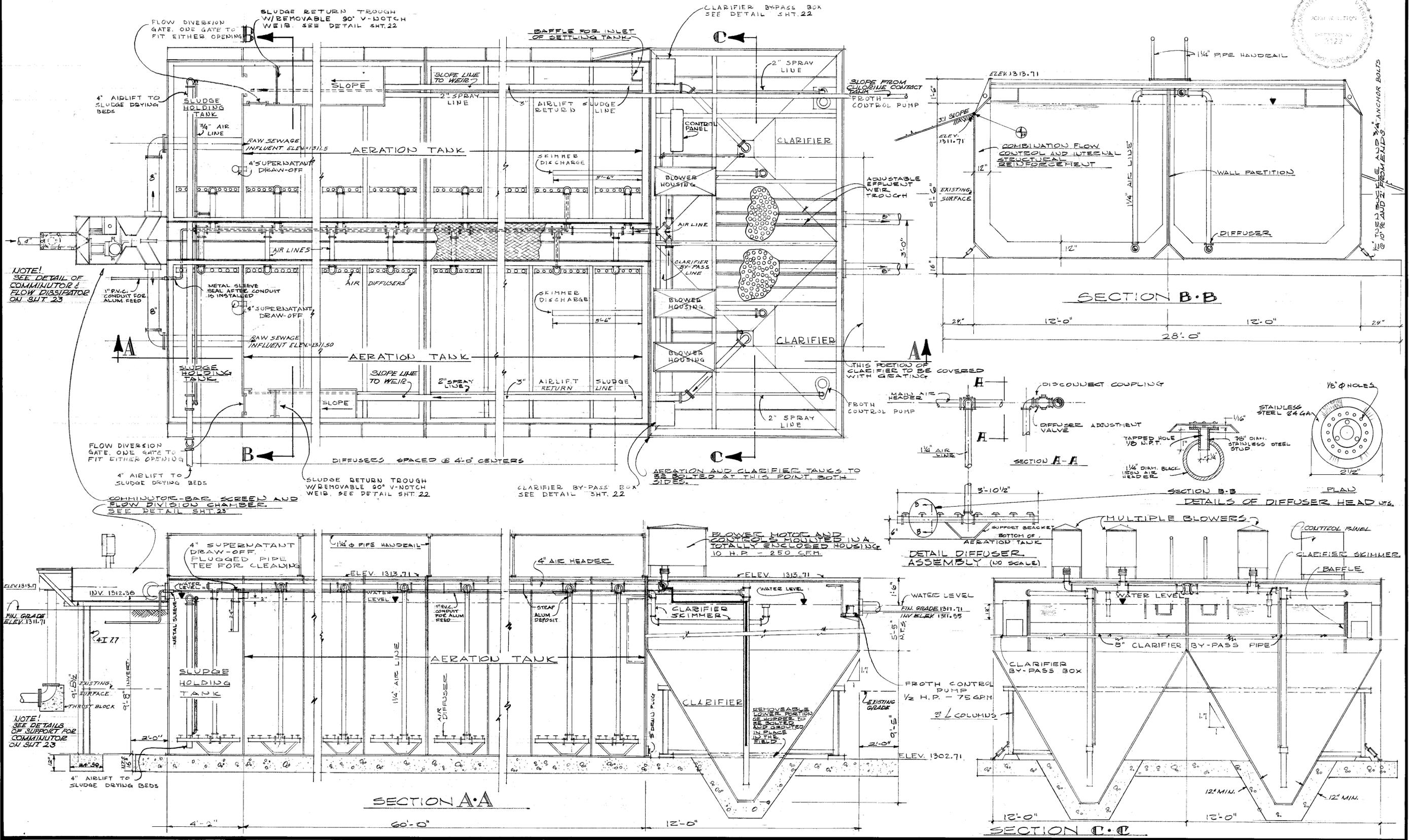
*ND = Not Detected above the Detection Limit*

**Laboratory Case Narrative**

There were no problems with this project.

*Respectfully Submitted,  
ProQuality Lab*

by: 



**THOMPSON & LITTON**  
CONSULTING ENGINEERS  
WISE, VIRGINIA

DESIGNED L.C.P.  
DRAWN J.F.M.  
CHECKED L.C.P.

SCALE  
3/8" = 1'-0"

SEWAGE COLLECTION AND TREATMENT FACILITIES  
SHAWSVILLE COMMUNITY  
MONTGOMERY COUNTY, VIRGINIA

CONSTRUCTION DETAILS  
SEWAGE TREATMENT  
PLANT

FILE	PROJECT NUMBER	DATE: AUGUST 1971
	1529	SHEETS
		SHEET No 21

252