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July 26, 2024

IFB SA 2407 Belmont Sewage Pumping Replacement

**Addendum #2**

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THIS SOLICITATION IS HEREBY AMENDED AS FOLLOWS:

1. The Questions Deadline is extended until 12:00 p.m. EST on August 5, 2024
2. An additional site visit is scheduled on August 1, 2024, at 9:00 a.m. at 13760 Dabney Road, Woodbridge, VA 22191.
3. The Bid Due Date is extended until 10:00 a.m. EST on August 20, 2024. The bid opening will immediately follow at 10:05 a.m.
4. Questions and responses.
5. Changes to contract drawings and contract specifications
6. Attachment Certificate to Construct (CTC)

Note: Questions that have not been answered yet will be addressed in Addendum #3.

All other solicitation terms, conditions and provisions remain unchanged and in full force and effect.

**Acknowledgement:** Bidders submitting a bid response for the above-named solicitation shall take note of the following changes, additions, deletions, clarification, etc., in the Contract Documents, which shall become a part of and have precedence over anything shown or described in the Contract Documents, and as such shall be taken into consideration and be included in the Bidders' response. All other terms and conditions of the Invitation for Bid shall remain unchanged.

Bidders must acknowledge receipt of this amendment by signing and returning this addendum with the proposal response or prior to the bid due date and time.

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**Authorized Signature**

**Date**

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**Name Printed**

**Title**

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**Company Name**

Direct all inquiries to [procurement@pwwater.org](mailto:procurement@pwwater.org).

## **Questions and Responses**

1. **Question:** Is there a plan holders list available?

**Response:** Plan holders list is available upon request. The site visit Sign-in sheet is published in prince William Water website at [Solicitations | Prince William Water](#).

2. **Question:** What is the start date/end date for construction?

**Response:** The estimated Notice to Proceed is in December 2024 or January 2025, with a construction duration of 760 days to Substantial Completion.

3. **Question:** What is the estimated value for this project?

**Response:** The PW Water does not disclose the estimated value of the project prior to bidding.

4. **Question:** Can you identify the operating pressure at the location of the 24” line stop on the Ductile Iron Face Main (shown on sheet C005 of the drawings).

**Response:** Contractor shall coordinate and confirm the requirement of the 24” line stop during bypass submittal. Based on the original pump curve, the estimated head is 40 ft with two pumps operating at 2,200 gpm per pump. For the specified bypass pump flows, it’s likely to be closer to 80 ft.

5. **Question:** Are the union requirements for this project?

**Response:** There are no union requirements for this project.

6. **Question:** Can you identify the operating pressure at the location of the 24” line stop on the Ductile Iron Face Main (shown on sheet C005 of the drawings)?

**Response:** Refer to response to Question 4.

7. **Question:**

The subject 03305 specification item 2.01.A.1. requires Xypex Admix C-500 or equivalent substitution for concrete waterproofing. Master Builders Solutions Admixtures US, LLC provides fully equivalent waterproofing admixtures in the MasterLife 300 Series.

In accordance with the subject specification 01600 paragraph 1.07. for a material substitution request, we have completed and attached the Prince William County Substitution Request Form. Following the form are:

1. MasterLife 300 Series admixture data sheets
2. Comparison test results for MasterLife 300C vs. Xypex Admix C-500 NF
3. Comparison test results for MasterLife 300D vs. Xypex Admix C-500

4. Certificates of MasterLife 300 Series conformance

Project history of MasterLife 300 Series

Substitution by any of the MasterLife 300 Series for Xypex Admix C-500 will not create a change to the schedule or subjection to fee, will not change any aspect of design, and will not impact trades.

Note in the Project history that several designers have specified MasterLife 300 in Virginia. After your review and agreement that the MasterLife 300 Series are acceptable for the subject work, please let us know of your approval.

**Response:** The intent of named equipment is to establish type, function, and quality requirements. Once the contract is awarded to the successful bidder, if the Contractor wishes to offer a substitution, they must submit documentation sufficient to prove that the substitution is “or equal”. At that time, our engineer will evaluate the substitution. Substitution review and approval is not conducted as part of the bidding process. Refer to Specification 01600.1.07 – Substitution – Request for substitution must be made at least thirty (30) days prior to commencement of related work for consideration. Additionally, General Condition Section 7.05 requires the contractor to submit sufficient information to allow a substitution review.

8. **Question:**

Please refer to Exhibit H (Schedule of Proposed Subcontractors) which is required to be submitted with the bid. We typically receive many quotes from subcontractors including many within an hour before the bid. Since this bid is hand delivered, we would not be able to request the resume and get it to the bid receipt location in a timely manner for some of the subcontractors. Please confirm we can submit this Exhibit H (Schedule of Proposed Subcontractors) with the bid but the resumes can be submitted after the bid but prior to award of the contract.

**Response:** Resumes will not be required at the time of bid opening. Prior to the award of a contract, the selected bidder will need to provide the resumes as required.

9. **Question:** Is there a required percentage of work to be performed by SWaM organizations?

**Response:** There is no required percentage of work to be performed by SWaM organizations.

10. **Questions:** Refer to article 10.06.J. of the Agreement (pg. 9). Please confirm whether criminal background checks are required

**Response:** Yes, criminal background checks are required.

11. **Question:** Please clarify if this project is sales tax exempt?

**Response:** The project is not tax exempt. Refer to Standard General Conditions of the Construction Contract; Article 7.09 – Taxes.

12. **Question:** We are requesting that Danfoss products below be added to the specification for sewage pump P-201 VFD/SSRV control panel. Request is being made since Danfoss has

become a recent PWCSA preference and was bases of design for Unity Reed water booster pumping station.

SECTION 17480 – VARIABLE FREQUENCY DRIVES & SOLID STATE REDUCED

1. VOLTAGE
2. SSRV – Danfoss MCD 600

Also can you clarify who the pre-qualified PCSS / System Integrators are for this project?

**Response:** Refer to response to Question 7. There are no named Instrumentation & Controls Subcontractors. For Process Control System Supplier qualification refer to Specification 17010.1.02.

**13. Question:** Please confirm the anticipated Notice to Proceed.

**Response:** Refer to response to Question 2.

**14. Question:** Please confirm if payment will be permitted for stored materials.

**Response:** Payment for stored material is permitted. Refer to Standard General Conditions of the Construction Contract; Article 15.01.B – Application for Payment.

**15. Question:** Please advise of designated construction parking areas & constraints/logistics.

**Response:** There is no designated parking area, Contractor may use the area within the limit of disturbance shown on the drawings. Refer to Supplementary Conditions Section 1.5.G. The Contractor may also make arrangements with other property owners for use of their areas.

**16. Question:** Please advise if there are any American Iron and Steel or domestic material requirements.

**Response:** There is no American Iron and Steel or domestic material requirements.

**17. Question:** Please advise if there are any wage rate requirements for the project.

**Response:** There is no wage rate requirements.

**18. Question** Please advise of the estimate for the project and if the budget will permit funding to be available in order to move forward into a contract.

**Response:** The PW Water does not disclose the estimated value of the project prior to bidding. The project is funded.

**19. Question:** Please advise of the lead times given to the Owner/Engineer for the major equipment (especially major electrical equipment), including those requiring factory testing. Please also advise of the submittal lead times.

**Response:** Determining lead time for the equipment is the bidder's responsibility.

**20. Question:** Please confirm if there are any Hazardous Materials known at the site and if a HazMat Survey is required for the project.

**Response:** Refer to Appendix C of the specification.

**21. Question:** Given the long-lead time nature of the fabrication and delivery of the major process equipment and electrical gear, the anticipated construction schedule appears lean. Kindly, we counsel that consideration be given to an extension to the contract duration.

**Response:** At this time the construction duration will remain at 760 days. Consideration will be made during construction for long-lead time items based on submittals and order timeframes.

**22. Question:** Please confirm if CAD drawings will be made available to the selected contractor following the bid period.

**Response:** Yes.

**23. Question:** Please advise of the permits needed to be obtained by the Contractor.

**Response:** Refer to Section 01005 Article 1.03 that includes permit requirements. Plan approval letters have been obtained for the final site plan and building plans, and are included in Appendix D, however the Contractor is responsible for obtaining the actual permits and paying the required fees. Appendix D also includes the Certificate to Construct (CTC) that has been obtained by the Owner. In addition, the Contractor shall obtain and pay for any additional trade permits required. The Owner will take care of the Performance Bond and Siltation/Erosion Control Escrow by submission of a Letter of Intent to Prince William County.

**24. Question:** Please advise as to the site access constraints.

**Response:** Easements have been secured for access and limits of construction. Also, refer to response to Question 15.

**25. Question:** Please advise if additional site visits can be accommodated.

**Response:** An additional site visit is scheduled for August 1<sup>st</sup>, 2024, at 09:00 A.M. (EST).

**26. Question:** Please advise if a 1-week extension can be given to the bid date.

**Response:** Question deadline has been extended from July 22, 2024, 12:00 P.M. to August 05, 2024 12:00 P.M. Bid due date will also be extended from August 6, 2024, 10:00 A.M. to August 20, 2024, 10:00 A.M.

**27. Question:** Please advise of Instrumentation & Controls Subcontractors acceptable to the Owner (including their contact information).

**Response:** Refer to response to Question 12.

**28. Question:** The Geotechnical Engineering Report states that undercut may be required. Please confirm that if undercut is required that this will be a changed condition. If not, please provide the volume of undercut we should include in our bid.

**Response:** Undercut is not anticipated for this project. For bidding purposes, the contractor may consider 5% of the subgrade footprint of the major structures for an approximately 2 ft depth.

**29. Question:** Refer to Appendix D (Permits). Pages 3-4 of the Plan Approval Letter state an “Amount Due” for several items starting with the Post Performance Bond through 200 Marumsco Watershed SWM Pro Rata Share. Please confirm that the owner will be paying these costs and we should not include them in our bid.

**Response:** Refer to response to Question 23. In addition, the Owner will pay the Marumsco Watershed SWM Pro Rata Share Payment.

**30. Question:** Please clarify what pressure rating is required on the tapping sleeve/linestop fitting.

**Response:** Refer to response to Question 4.

**31. Question:** Regarding construction trailers, please confirm the available tie-in locations for utilities (power/potable water/sewer/communications).

**Response:** Water shall be obtained by connecting to the existing 6” water or hydrant outside the existing sewage pumping station. Water usage shall be measured using a hydrant meter obtained from Owner through a permit obtained from Customer Service per Section 01500, Article 1.10. Sewer is the contractor responsibility to obtain a porta john or trailer facility. Power is the contractor responsibility to coordinate with Dominion Energy. Refer to Section 01500, Article 1.04 Contractor is to provide and pay for a power service from utility source. Communication is the contractor responsibility to coordinate required services with applicable provider.

**32. Question:** Please reference drawing S107, a protective liner is shown on all concrete surfaces in the wet well. Please confirm there will be no additional coatings required along with the protective liner.

**Response:** The protective liner per Section 03733 is required on all wet well concrete surfaces from the base slab to elevation 13.0 as shown on Drawing S107, and all influent structure concrete surfaces except the floor and ceiling as shown on Drawing S202. No additional coatings are required in areas where the protective liner is indicated. A non-slip protective floor coating per Section 09852 is required on the wet well concrete walkway as shown on Drawing S102 and the influent structure concrete floor surface as shown on Drawing S201.

**33. Question:** Please confirm painting is limited to new and disturbed surfaces and excludes existing surfaces

**Response:** Confirmed.

**34. Question:** Section 15060 Paragraph 2.02-B.1. Who is responsible (Manufacturer, Owner, Contractor, Engineer, etc) for performing the spark test on interior pipe lining?

**Response:** The spark test shall be completed by the Manufacturer prior to shipment of the pipe.

**35. Question:** Numerous references to NSF-61 certified materials throughout Specifications. Can this requirement be disregarded for all non-potable water systems?

**Response:** Confirmed. NSF-61 certification is only required for pipes, fittings, specials, and materials exposed to potable water per Section 15060, Article 2.01.B.

**36. Question:** The stainless-steel pipe for the odor control line was omitted from the Process Piping Schedule in Specification Section 15060. Please provide requirements for SS pipe, including connection type (threaded, flanged, welded, etc).

**Response:** It is assumed that this question relates to Detail 1 on Drawing M204. Stainless steel pipe for this location shall be Type 316SS Schedule 10S. Joints shall be welded except where flanges are shown on the detail (i.e. for connection to the FLGxWSxFLG floor casting and to the HDPE flange adapter). Refer to Changes to Contract Specifications.

**37. Question:** The requirements for the stainless steel 12” gooseneck vents were omitted from the Process Piping Schedule and Detail 12 on M901. Please provide requirements for SS pipe or please advise if changing to DIP or HDPE is allowed, as this pipe is scheduled to be painted gray.

**Response:** Stainless steel pipe for the 12” gooseneck vents shall be Type 316SS Schedule 10S. Painting of the stainless steel gooseneck vents is not required. Refer to Changes to Contract Specifications.

**38. Question:** Are gaskets required for flanged HDPE connections?

**Response:** Gaskets are required for flanged HDPE connections. Refer to Changes to Contract Specifications.

**39. Question:** Regarding the washdown lances, on sheet M104, it states to provide a 4” flange (9” OD) welded to lance. Lance is stated to be 2” SS. Shouldn’t the flange be 2”? Please provide material requirements for all components of the washdown lances. Please provide manufacturer, and supplier if possible, of the “TJ160 spray nozzle” as we are unable to identify a supplier nor any information on this nozzle



**Response:** A 4” flange with 9” OD welded to the 2” lance is required such that the bolt holes have sufficient clearance to the 4” penetration. The lance shall be Type 316SS, Schedule 10S. The spray nozzle model should be TankJet TJ16 rather than TJ160 and is supplied by Spraying Systems Co. ([www.spray.com](http://www.spray.com)). Refer to Changes to Contract Drawings.

**40.Question:** Please provide material requirement for post hydrants

**Response:** Post hydrant materials should be metallic, corrosion resistant and capable of withstanding the minimum design and test pressures. Post hydrant shall be compression-type as Manufactured by Jay R. Smith MFG. Co. (Figure 5964) or equal. Refer to Changes to Contract Drawings.

**41.Question:** Please clarify any AIS requirements.

**Response:** Refer to response to Question 16.

**42.Question:** Please clarify any Prevailing wage requirements

**Response:** Refer to response to Question 17.

**43.Question:** Please clarify Tax exemption status

**Response:** Refer to response to Question 11.

**44.Question:** Specification section 03100 – Concrete Formwork, item 2.01.B calls out metal decking. This is not shown anywhere in the drawings. Please confirm this is not required. If it is required, please clarify the intent. The drawings show 8” hollow core precast planks for the roof construction of the new pump station.

**Response:** Stay-in-place metal form deck is for instances where traditional removable formwork is not possible and is not anticipated to be required for this project.

**45.Question:** Please clarify if any interior coatings are required for the new sanitary manholes MH9, MH10, and MH11.

**Response:** No interior coatings are required for the new sanitary sewer manholes.

**46.Question:** Drawing C003 calls for replacing an existing inlet top with a new standard inlet. Please provide more information about this structure.

**Response:** The existing structure is a curb inlet along a curb that will be removed (see image below). The structure top should be removed and replaced with a grate top in accordance with VDOT standard detail T-DI-1 for “Standard Precast Top Units”. Prior to fabrication of the structure top, it is the contractor's responsibility to field verify existing conditions and confirm



the suitability of use for VDOT standard detail T-DI-1. Reference to “Prince William County Standard Inlet” should be replaced with “VDOT Standard Detail T-DI-1”. Refer to Changes to Contract Drawings.



**47.Question:** Please clarify if all new utilities under new building pads need to be concrete encased.

**Response:** Conduits shall be installed either below the floor slab or overhead in the electrical room in an orderly fashion as per Note 1 on Drawing E102. No concrete encased conduits for feeders are required in pump station.

**48.Question:** Please provide a detail if it is required.

**Response:** Detail for concrete encased conduits below electrical room floor slab is not required, since no feeder conduits are required to be encased in concrete.

**49.Question:** Specification section 02734 – Manholes and Covers, item 3.04 states to encase drop section pipes that are outside manholes to be concrete encased. Please clarify if this is required and provide a detail if it is required.

**Response:** Encasement is required on manholes where the incoming pipe requires an exterior drop, this is in accordance with Prince William Water detail S-23. For this project there are no anticipated exterior drop pipe sections.

**50.Question:** Please provide a list of items to be salvaged.

**Response:** The Contractor shall coordinate with the Owner 30 days prior to demolition of the existing station to obtain the list of items to be salvaged.

**51.Question:** Note 2 on M101 says to cut and plug the existing 24” and 16” DIP pipe but M103 shows that 24” and 16” PVC are proposed in the same spot that the DIP was demolished. Is the existing DIP remaining plugged in place or to be completely removed?

**Response:** The conflict with the new odor control piping is noted. Existing 24” and 16” DIP pipes shall be completely removed to allow for installation of the new odor control piping. Refer to Changes to Contract Drawings.

**52.Question:** Spec section 05500 2.01Q 1. States that all hatches on this project must be watertight to minimum of 4-ft of head. Sheets S102, S103, and M202 call for double leaf hatches. Double leaf hatches cannot be watertight.

**Response:** Watertight hatches are not required for this project. Refer to Changes to Contract Specifications.

### **CHANGES TO CONTRACT DRAWINGS**

1. Drawing C003, DELETE drawing callout reference to “Prince William County Standard Inlet” and REPLACE with “VDOT Standard Detail T-DI-1”.
2. Drawing C003, callout for existing inlet at south-east corner of the site, ADD “(SEE NOTE 7)” following “RIM = 11.00”.
3. Drawing C003, Notes, ADD Note 7 as follows, “7. The existing inlet top shall be removed and replaced with a grate top in accordance with VDOT standard detail T-DI-1 for “Standard Precast Top Units”. Prior to fabrication of the structure top, Contractor shall field verify existing conditions and confirm the suitability of use for VDOT standard detail T-DI-1.”
4. Drawing C902, Detail 3 – Non-Freeze Post Hydrant, ADD Notes 1 and 2 as follows, “NOTES:  
1. Post hydrant materials shall be metallic, corrosion resistant and capable of withstanding the minimum design and test pressures.  
2. Post hydrant shall be compression-type as manufactured by Jay R. Smith MFG. Co. (Figure 5964) or equal.”
5. Drawing M101, REPLACE Note 2 with “2. Existing pipes shall be completely removed, including through the wall penetrations. Wall opening shall be repaired in accordance with the wall/slab opening closure details on Drawing M103.”
6. Drawing M104, Detail 1 - Washdown Lance Penetration Detail, Section, REPLACE “TJ160 Spray Nozzle” callout with “TankJet TJ16 Spray Nozzle”.
7. Drawing M104, Detail 1 - Washdown Lance Penetration Detail, Notes, ADD to the end of Note 2, “Lance shall be schedule 10S.”

**CHANGES TO CONTRACT SPECIFICATIONS**

1. Specification Section 05500, Article 2.01.Q, DELETE item 1, “All hatches for this project must be watertight to minimum 4-ft of head”, in its entirety.
2. Specification Section 09900, Table A-2, Gooseneck Vent, REPLACE painting system “M-4” with “N/A” and pipe color “Gray” with “N/A”.
3. Specification Section 15060, Article 2.04.E.5.a, ADD item 3) as follows, “3) Gaskets shall be provided and shall be in accordance with governing standards listed herein based on the specific joint type and service and shall be compatible with the conveyed fluid.”
4. Specification Section 15060, Article 3.01.A, Process Piping Schedule, ADD two additional rows as per the table below.

<b>PROCESS PIPING SCHEDULE</b>				
<b>IDENTITY</b>	<b>PREDOMINANT SIZES</b>	<b>TYPE OF PIPE</b>	<b>SCHEDULE, CLASS, OR DESIGNATIONS</b>	<b>TESTING PROCEDURE TYPE</b>
ODR	12”	SS	Type 316, Schedule 10S	See Section 15890
GOOSENECK VENT	12”	SS	Type 316, Schedule 10S	N/A

5. Specification – Appendix D – Permits: ADD attached Certificate to Construct (CTC) PLT#28246.

**End of Addendum Number two**



*Commonwealth of Virginia*

**VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY**

[www.deq.virginia.gov](http://www.deq.virginia.gov)

Travis A. Voyles  
Secretary of Natural and Historic Resources

Michael S Rolband, PE, PWD, PWS Emeritus  
Director

July 17, 2024

Prince William County  
Belmont Sewage Pump Station  
VA0025101 PTL#28246

**Via E-mail** ([dmaxwell@pwcsa.org](mailto:dmaxwell@pwcsa.org))

MS. Debbie Maxwell  
Director of Project Management Office  
Prince William County Service Authority  
4 County Complex Ct  
Woodbridge, VA 22192

Dear Ms. Maxwell:

In accordance with the Code of Virginia, Title 62.1, Section 62.1-44.19, attached please find the Certificate to Construct (CTC) for this project. This CTC is being issued based on the Application for Certificate to Construct signed on June 22, 2024 and received by the Northern Regional Office on June 24, 2024.

Receipt of this CTC does not relieve any owner of the responsibility to comply with any other applicable statutes or regulations, including local ordinances and zoning requirements.

Please be advised that a Certificate to Operate (CTO) is required by the Code before placing the system in operation. A copy of the Certificate to Operate (CTO) application can be obtained at

<https://public.deq.virginia.gov/WPS/VPDES%20Application%20Forms%20and%20Registration%20Statements/CTC%20and%20CTO%20forms/>.

If you have any questions about this letter or the approval process, please contact Alison Thompson at (571)-866-6083 or [alison.thompson@deq.virginia.gov](mailto:alison.thompson@deq.virginia.gov).

Respectfully,

A handwritten signature in black ink, appearing to read 'Sarah Sivers'.


(for) Sarah Sivers  
Water Permits, and Planning Manager  
13901 Crown Ct  
Woodbridge, VA 22193

cc: VA0025101 File  
VDH District Office, attn: Environmental Health Manager  
Prince William County Building Official  
Vincent Maillard ([vincent.maillard@ghd.com](mailto:vincent.maillard@ghd.com))



**Virginia Department of Environmental Quality**  
**APPLICATION for CERTIFICATE TO CONSTRUCT (CTC)**  
**For Municipal Sewage Collection, Treatment, and/or Reclamation Systems**

See Instructions. Do not submit plans and specifications. Submit 1 copy of this form with all attachments. Form will expand as you enter information.

Project Title: (as it appears on plans) Belmont Sewage Pumping Station Replacement	
P.E. Seal Date on Cover: 05/28/2024	
Specifications Title and Date: Belmont Sewage Pumping Station / June 2024	
Location of Project: 13760 Dabney Rd., Woodbridge, VA 22191	County/City: Prince William County / Woodbridge
Receiving Wastewater Collection System(s):	
Receiving Sewage Treatment Plant(s)/Reclamation System: H. L. Mooney Advance Water Reclamation Facility	
<b>PROJECT OWNER: Prince William County Service Authority</b>	<b>PROJECT ENGINEER</b>
Owner Contact Name: Debbie Maxwell	Name: Vincent Maillard
Title: Deputy Director of the Project Management Office	Company Name: GHD Inc.
Address: 4 County Complex Court, Woodbridge, VA 22192	Address: 16701 Melford Boulevard, Suite 221, Bowie, MD 20715
Phone: 703.335.8924	Phone: 240.206.6826
Email: dmaxwell@pwcsa.org	Email: Vincent.Maillard@ghd.com
Owner Signature and date:  Debbie Maxwell Maxwell 2024-06-22 21:31:42	

**For Sewage Treatment Works and Sewage Collection Systems:**

**Attach** Project Description

**Attach** Letter(s) of Acceptance from Receiving Facility/Utility for sewage collection system projects

**Attach** Reliability Class: (1) For Pump Stations attach Reliability Class Worksheet. (2) For Sewage Treatment Plants note the Reliability Class rating from the VPDES or VPA permit and method of meeting reliability classification requirements.

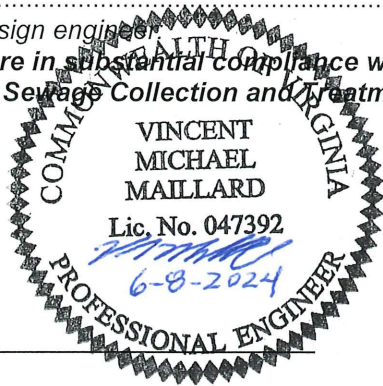
For a sewage treatment plant project, provide the VPDES or VPA permit number: \_\_\_\_\_  
 Design Sewage Flow (Sewage Plant): (a) average daily flow (MGD): \_\_\_\_\_ (b) peak daily flow (MGD): \_\_\_\_\_  
 Design Sewage Flow (Pump Station): (c) average flow (MGD): \_\_\_\_\_ (d) peak flow (MGD): 12

Please check the appropriate component:  
 Gravity and/or Vacuum Sewer \_\_\_\_\_

Plant.....   
 Pump Station(s).....  Modification of Existing Sewage Treatment Plant.....   
 Force Main(s).....  Expansion of Existing Sewage Treatment Plant.....

**For Reclamation or Satellite Reclamation System, Attach Page 2:** Page 2 Attached? Yes  No

The following statement must be signed and sealed by the Virginia licensed design engineer:  
**"As discussed in 9 VAC 25-790-240.C., the referenced design documents are in substantial compliance with Part III – Manual of Practice For Sewerage Systems and Treatment Works, of the Sewerage Collection and Treatment Regulations (9 VAC 25-790-310 et seq.)"**



Licensed Design Engineer's Signature and original seal (signed and dated)

Design exceptions and justifications are attached in accordance with 9 VAC 25-790-240.C.

For DEQ use only:

In accordance with the Code of Virginia 1950, as amended, Title 62.1, Section 62.1-44.19, this form, signed by the appropriate DEQ representative, constitutes your Certificate to Construct. This Certificate is valid for a period of five years from the date of issuance. Other permits and authorizations may be necessary. Please contact your Regional DEQ Office if you have any questions.

Alison Thompson  7/17/2024 PTL#28246  
 Name Signature Date CTC PTL Number  
 Department of Environmental Quality Authorized Representative

Note: Once the project is complete, an application for a Certificate to Operate must be submitted to the appropriate DEQ Regional office.