FIFTH ADDENDUM TO INVITATION TO BID
FOR INVITATION TO BID

ROCK CREEK DIGESTERS 3 AND 4 COVERS REPLACEMENT PROJECT
PROJECT NO. 7191

CLEAN WATER SERVICES

ISSUED: NOVEMBER 3, 2025

Clean Water Services' Invitation to Bid for Invitation to Bid dated October 15, 2025 (ITB) is hereby amended as follows:

1. **Questions and Answers:** We have provided responses to the questions received as of October 31, 2025.

2. **Reference Drawing**: Reference Drawing entitled "Digester Layout" is attached.

3. **Revised Drawing**: Revised Drawing M101 is attached. Replace Drawing M101 in the ITB with attached revised Drawing.

TOTAL PAGES: 7

Except as modified in this Addendum, the ITB will remain in effect as originally written.

Item #	Question and Response:
5.1	Question: Please confirm that we will receive the digester with 25000 gallons each and will be required to purge the remaining headspace Response: 25,000 gallons is approximate. Digesters will be cleaned down to lowest level possible with existing pumps. Digester will be open to atmosphere, but Contractor is to follow confined space entry procedures and provide venting and monitoring of space.
5.2	Question: Please confirm access hatch gasket type? Response: Provide Viton gasket material.
5.3	Question: Please confirm location, pounds per square inch, pipe size and connection type for plant water. Response: There is a ground level 1-1/2” fire hose bib connection next to the roll-up door that leads to the galley where the stairs access the upper floor level adjacent to the Digester access stairs. Pressure is approximately 80 psi. See attached drawing.
5.4	Question: Please confirm if digesters have side hatches. If yes, please confirm size and location. Response: Each digester has two existing ground level hatches. Ladders will be required to reach interior floor of digester. Hatches are rectangular, 30”W x 42”H. When viewing Sheet C-100, the Digester 3 and 4 doors are at the northern and southern locations (0 and 180 degrees). The southern Digester 4 door is behind the Plant gas meter assembly. The northern digester 4 door is beneath a stairwell. See attached drawing.
5.5	Question: Please confirm plant provided temporary electric connection location, amperage, voltage, breaker size? (spec sec 13235 3.02F) Response: Power can be supplied by an existing MCC to location where it is needed. District can supply up to 100 A, 480V, 3-phase power.
5.6	Question: Please confirm the filtrate quality requirement and if it can be met that through alternate methods. Response: Digester filtrate must pass through 7mm screen before it is discharged to approved onsite discharge location. See attached drawing for discharge location.
5.7	Question: Please confirm if during previous cleanings digesters had any struvite?

	Response: Yes, there was struvite. District makes no guarantee as to quantity, extent or condition of struvite encountered.
5.8	Question: Please confirm anticipated start date of the first digester cleaning. Response: Start date is dependent upon Contractor schedule.
5.9	Question: Please provide road elevation next to digesters Response: Approximately 157 ft.
5.10	Question: Industry standard is to wash down the digester interior with a fire hose using plant available water supply and pressure Response: No question provided. Typical methodology described.
5.11	Question: Please confirm what pipe connections needs to be disturbed (spec sec 13235 1.01B7) Response: No pipe connections are anticipated to be disturbed other than the DSR line mentioned in Addenda Item 4.14. All cleaning has typically been completed through the digester hatches and roof ports.
5.12	Question: Can contractor use alternate methodology (other than scale) to ensure that trucks do not go out overweight Response: Contractor would be responsible for proposing an alternate means of verifying load weights other than with truck scale. Contractor is responsible for any and all damages caused by overweight vehicles.
5.13	Question: Please confirm that jetting/cleaning 100 feet of piping upstream and downstream of the owners designated discharge location is required after each cleaning or it is enough to clean after the second digester cleaning is complete Response: Cleaning of designated discharge location is required after each digester cleaning effort.
5.14	Question: Please specifically identify all lines that needs to be cleaned 10 feet from digester wall Response: the 'DSR' line. Digester Sludge Recycle line.
5.15	Question: Please identify those areas (storm drains, roadways, waterways etc) that need to be protected, where potential run offs can occur. (spec sec 13235 3.02S) Response: See drawing C-200 keynote 1 (silt fence) and 2 (inlet protection). All inlets go to in-plant waste. Per digester cleaning spec 13235, all manholes receiving screened digester filtrate contents need to be jetted. All spills are to be brought to the attention of the Plant and CWS Construction team and work to be coordinated with Construction team and Plant.

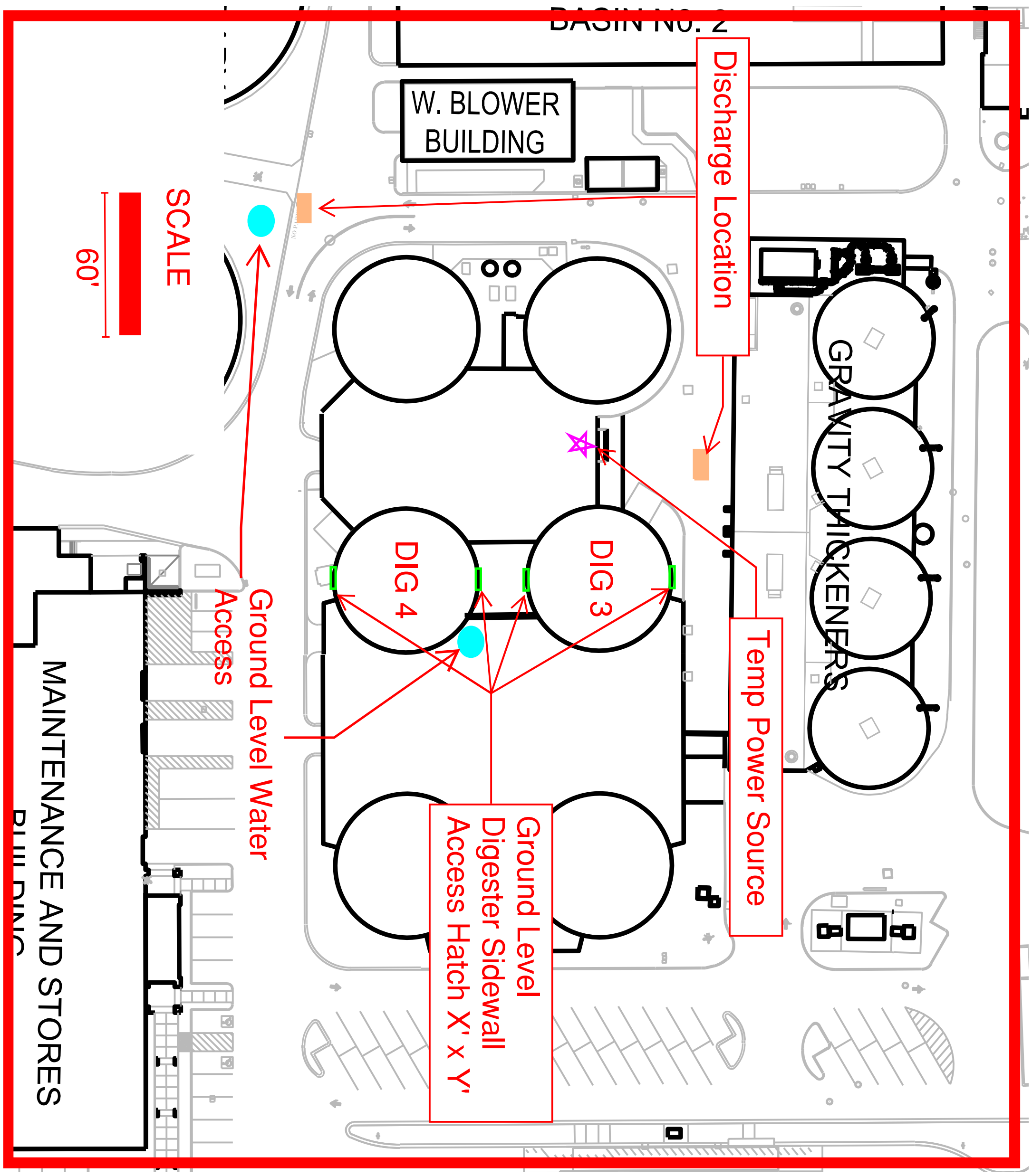
5.16	Question: Digesters are normally shut down two weeks prior to cleaning commencement Please provide detail to what 5 days refer to. (spec sec 13235 3.01J) Response: 5 days refers to any additional equipment beyond what is already listed. If Contractor requests additional shutdowns or isolations to perform the Work, these requests may be accommodated within 5 days of the request.
5.17	Question: Gas Safety (Section 11440): Varec would recommend an 8" pressure/vacuum relief assembly. 6" would be insufficient for the specified flows at the set points provided. Response: Submit bids based on 8" pressure vacuum relief assemblies, including 8" 3-way valves and flame arrestors. Provide 8" x 6" reducers upstream of 3-way valves to connect to existing 6" tee on reinstalled gas bonnets. **Spec Update:** In *Section 11440 - Digester Gas Handling Equipment*, Paragraph 2.03.B - Pressure/Vacuum Relief Assemblies: in the "Connection Size, Inches" column, delete "6" and replace with "8." In Paragraph 2.03.C - Flame Arrestors: in the "Connection Size, Inches" column, delete "6" and replace with "8." **Drawing Update:** Replace Drawing M-101 Process Mechanical Digesters 3 and 4 Details in its entirety with the accompanying revised version, revision 1, dated 11/2025.
5.18	Fixed Covers (SECTION 11546): Question 1: Does the project have any AIS, BABA or domestic sourcing requirements? Response 1: No requirements for this project since no federal or state funding sources are being used. Question 2: The specification requires large mixer ports that will interfere with the radial beams. These non standard ports will require significant cost, structural support and engineering time from the manufacture. Response 2: Non-standard ports are required and are to accommodate the future installation of top entry mechanical mixers. The digester covers are not required to support mixer weight as mixers will be equipped with a structural support system that is independent of the covers. Question 3: The details show a fixed cover elevated a few feet off the concrete top. This requirement is also not typical in the industry and will require significant cost, structural support and engineering time from the manufacture.

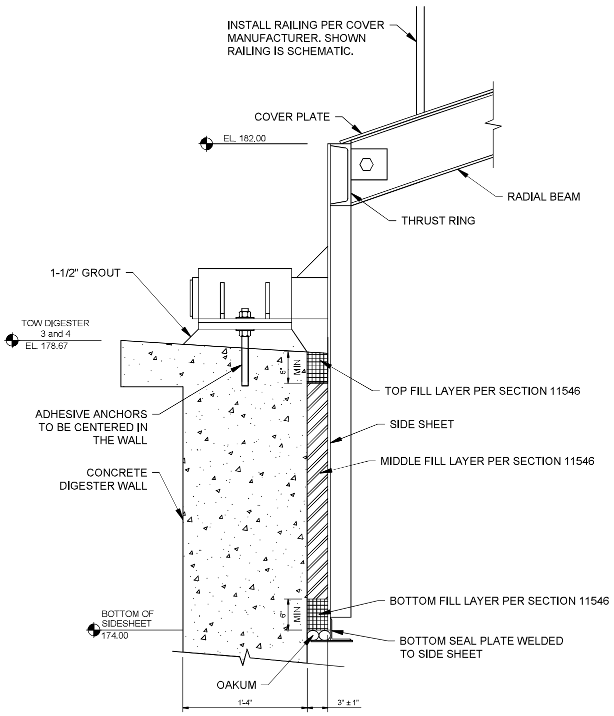
	Response 3: Acknowledged. This installation is unique and the added height is required.
5.19	Question: Please clarify the following - section 11546-6 2.02 C 1 - Operating Conditions Table - Top of Skirt and Bottom of Skirt are shown to be at the same elevation. Response: Top of side skirt elevation is 182.00 feet for both digesters. **Spec Update:** In *Section 11546 – Fixed Digester Covers*, Paragraph 2.02.C.1: in the "Top of side skirt elevation, feet" row, delete "174.00" and replace with "182.00" in both columns.
5.20	Question: Drawing M-101 shows Top of Skirt at elevation 182.0. Can this elevation be lowered (i.e., shorten the skirt to reflect a standard fixed cover design) nearer to the top of the digester wall, as the extra headspace above the digester wall is not usable volume with a fixed cover, as the pressure will drop as soon as gas is drawn off. This extra headspace is a result of the conversion of the original floating covers to fixed covers (reference Attachments A & B) resulting in a hybrid design that is more costly to build and less efficient to operate than a standard fixed cover design. Response: The top of skirt elevation at 182.00 feet cannot be lowered due to digester process capacity requirements.
5.21	**Drawing Update:** On Drawing D-100 Demolition Digesters 3 and 4 Plan, add the following General Note #10: PRIOR TO DEMOLITION, PROVIDE THREE-DIMENSIONAL SCAN OF THE DIGESTERS IN ACCORDANCE WITH SECTION 01532.
5.22	**Drawing Update:** On Drawing M-100 Process Mechanical Digesters 3 and 4 Cover Plan, add the following General Note #6: UPON COMPLETION OF CONSTRUCTION, PROVIDE THREE-DIMENSIONAL SCAN OF THE DIGESTERS IN ACCORDANCE WITH SECTION 01532.

ATTACHMENTS:

1. Reference Drawing titled "Digester Layout", showing access hatches, water connection, etc. See following page.
2. Revised Drawing M-101 "Process Mechanical Digesters 2 and 4 Details", Revision 1 dated 11/2025.

Digester Layout

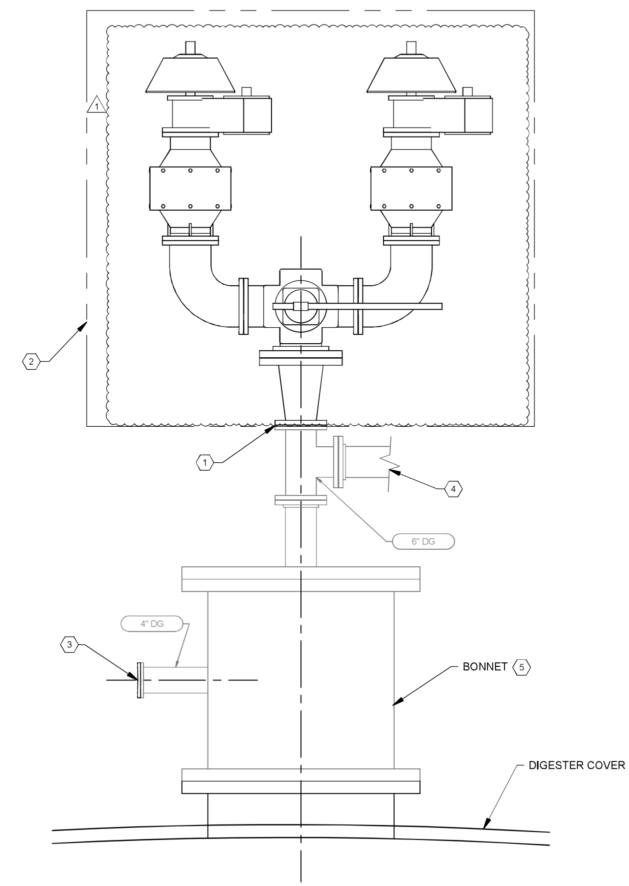




A ANNULAR SEAL
M-100 SCALE: NTS

NOTE:
1. CONTRACTOR TO ASSESS CONDITION OF EXISTING CONCRETE AFTER EXISTING COVERS ARE REMOVED.

2. THE CONNECTION DETAILS ARE PRELIMINARY. THE COVER MANUFACTURER IS REQUIRED TO SUBMIT STRUCTURAL DETAILS AND CALCULATIONS BASED ON THE LOADS, BOUNDARY CONDITIONS, AND SPECIFICATIONS SPECIFIED IN THIS DETAIL, AS WELL AS INFORMATION PROVIDED IN SHEET S-001 AND RELATED SPECIFICATIONS.



B GAS BONNET SECTION
M-100 SCALE: NTS

KEYNOTES

1. INSTALL PVRV ASSEMBLY TO EXISTING 6" TEE.
2. PVRV ASSEMBLY PER SPECIFICATION 11440
3. CAP EXISTING 4" FLANGED CONNECTION WITH 4" BLIND FLANGE MATCHING PIPE MATERIAL CAP.
4. REINSTALL EXISTING PIPING TO FOAM SEPARATOR, MATCH EXISTING ELEVATIONS AND CONFIGURATION
5. REINSTALL EXITING BONNET TO NEW DIGESTER COVERS, MATCH EXISTING ELEVATIONS AND CONFIGURATION

Brown AND Caldwell

DRN: ND	ORIG DATE: 01/31/2024		
DSN: MK	DWG #: M-101.dwg		
CHK: MS	CAD FILE #:		
APPD: MS	SCALE: AS SHOWN		

THIS BAR IS ONE INCH WHEN DRAWING IS FULL SCALE.

REV #	DATE	DRN	APPD	DESCRIPTION
1	11/2025	ND	MS	ADDENDUM NO. 5

CleanWater Services
Our commitment is clear.
2550 SW Hillsboro Hwy. Hillsboro, Oregon 97123-9379

PROJ NAME: ROCK CREEK DIGESTER 3 AND 4 COVER REHABILITATION PERMIT SET

SHEET TITLE: PROCESS MECHANICAL DISGESTERS 3 AND 4 DETAILS

SHEET: 21 OF: 26
PLOT DATE: XX-XX-XXXX
PLC #:
CWS PROJ #: 7191

DWG #: M-101

PROFESSIONAL ENGINEER 101155PE DIGITALLY SIGNED OREGON SEPTEMBER 13, 2022 MARK STRAHOTA
EXPIRES: JULY 30, 2026