COMAL COUNTY

ENGINEER'S OFFICE

Permit of Authorization to Construct an On-Site Sewage Facility
Permit Valid For One Year From Date Issued

Permit Number: 118693

Issued This Date: 10/20/2025

This permit is hereby given to: Mediatech LLC

To start construction of a private, on-site sewage facility located at:

1573 TRAIL PASS DR
CANYON LAKE, TX 78133

Subdivision: Canyon Lake Village
Unit: 3
Lot: 18
Block: 0
Acreage: 0.0000

APPROVED MINIMUM SIZES AS PER ATTACHED DESIGN

Type of System: Septic Tank
Holding Tank

This permit gives permission for the construction of the above referenced on-site facility to commence. Installation must be completed by an installer holding a valid registration card from the Texas Commission on Environmental Quality (TCEQ). Installation and inspection must comply with current TCEQ and Comal County requirements.

Call (830) 608-2090 to schedule inspections.

RECEIVED
By Kathy Griffin at 11:25 am, May 28, 2025

COMAL COUNTY
ENGINEERS OFFICE

ON-SITE SEWAGE FACILITY APPLICATION

195 DAVID JONAS DR
NEW BRAUNFELS, TX 78132
(830) 608-2090
WWW.CCEO.ORG

Date 05-05-25 Permit Number 18693

1. APPLICANT / AGENT INFORMATION

Owner Name	MEDIATECH LLC	Agent Name	THALIA RIVAS
Mailing Address	1573 TRAIL PASS DR.	Agent Address	PO BOX 768
City, State, Zip	CANYON LAKE TX 78133	City, State, Zip	SPRING BRANCH TX 78070
Phone #	210-381-0369	Phone #	726-348-0132
Email	MOIAV@HOTMAIL.COM	Email	726-348-0132

2. LOCATION

Subdivision Name CANYON LAKE VILLAGE UNIT 3 Unit 3 Lot 18 Block

Survey Name / Abstract Number Acreage

Address 1573 TRAIL PASS DR. City CANYON LAKE State TX Zip 78133

3. TYPE OF DEVELOPMENT

☒ Single Family Residential

Type of Construction (House, Mobile, RV, Etc.) HOUSE

Number of Bedrooms 2

Indicate Sq Ft of Living Area <1500SF

☐ Non-Single Family Residential

(Planning materials must show adequate land area for doubling the required land needed for treatment units and disposal area)

Type of Facility

Offices, Factories, Churches, Schools, Parks, Etc. - Indicate Number Of Occupants

Restaurants, Lounges, Theaters - Indicate Number of Seats

Hotel, Motel, Hospital, Nursing Home - Indicate Number of Beds

Travel Trailer/RV Parks - Indicate Number of Spaces

Miscellaneous

Estimated Cost of Construction: $ 250,000 (Structure Only)

Is any portion of the proposed OSSF located in the United States Army Corps of Engineers (USACE) flowage easement?

☐ Yes ☒ No (If yes, owner must provide approval from USACE for proposed OSSF improvements within the USACE flowage easement)

Source of Water ☒ Public ☐ Private Well ☐ Rainwater

4. SIGNATURE OF OWNER

By signing this application, I certify that

- The completed application and all additional information submitted does not contain any false information and does not conceal any material facts. I certify that I am the property owner or I possess the appropriate land rights necessary to make the permitted improvements on said property
- Authorization is hereby given to the permitting authority and designated agents to enter upon the above described property for the purpose of site/soil evaluation and inspection of private sewage facilities.
- I understand that a permit of authorization to construct will not be issued until the Floodplain Administrator has performed the reviews required by the Comal County Flood Damage Prevention Order.
- I affirmatively consent to the online posting/public release of my e-mail address associated with this permit application, as applicable

Signature of Owner

May 25th, 2025
Date

Revised January 2025

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10/17/2025 9:20:34 AM

COMAL COUNTY
ENVIRONMENTAL HEALTH

ON-SITE SEWAGE FACILITY APPLICATION

195 DAVID JONAS DR
NEW BRAUNFELS, TX 78132
(830) 608-2090
WWW.CCEO.ORG

Planning Materials & Site Evaluation as Required Completed By THALIA RIVAS RS 5067

System Description AEROBIC TREATMENT UNIT WITH DRIP IRRIGATION

Size of Septic System Required Based on Planning Materials & Soil Evaluation

Tank Size(s) (Gallons) 500GPD ATU [redacted]

Absorption/Application Area (Sq Ft) 640SF / 320LNFT [redacted]

Gallons Per Day (As Per TCEQ Table III) 180GPD

(Sites generating more than 5000 gallons per day are required to obtain a permit through TCEQ.)

Is the property located over the Edwards Recharge Zone? ☐ Yes ☒ No

(If yes, the planning materials must be completed by a Registered Sanitarian (R.S.) or Professional Engineer (P.E.))

Is there an existing TCEQ approved WPAP for the property? ☐ Yes ☒ No

(If yes, the R.S. or P.E. shall certify that the OSSF design complies with all provisions of the existing WPAP.)

Is there at least one acre per single family dwelling as per 285.40(c)(1)? ☐ Yes ☒ No

If there is no existing WPAP, does the proposed development activity require a TCEQ approved WPAP? ☐ Yes ☒ No

(If yes, the R.S. or P.E. shall certify that the OSSF design will comply with all provisions of the proposed WPAP. A Permit to Construct will not be issued for the proposed OSSF until the proposed WPAP has been approved by the appropriate regional office.)

Is the property located over the Edwards Contributing Zone? ☒ Yes ☐ No

Is there an existing TCEQ approval CZP for the property? ☐ Yes ☒ No

(If yes, the P.E. or R.S. shall certify that the OSSF design complies with all provisions of the existing CZP.)

If there is no existing CZP, does the proposed development activity require a TCEQ approved CZP? ☐ Yes ☒ No

(If yes, the R.S. or P.E. shall certify that the OSSF design will comply with all provisions of the proposed CZP. A Permit to Construct will not be issued for the proposed OSSF until the CZP has been approved by the appropriate regional office.)

Is this property within an incorporated city? ☐ Yes ☑ No

If yes, indicate the city: _____

By signing this application, I certify that:

- The information provided above is true and correct to the best of my knowledge.
- I affirmatively consent to the online posting/public release of my e-mail address associated with this permit application, as applicable.

Signature of Designer

05-05-25
Date

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AFFIDAVIT TO THE PUBLIC

THE COUNTY OF COMAL
STATE OF TEXAS

CERTIFICATION OF OSSF REQUIRING MAINTENANCE

According to Texas Commission on Environmental Quality Rules for On-Site Sewage Facilities, this document is filed in the Deed Records of Comal County, Texas.

I

The Texas Health and Safety Code, Chapter 366 authorizes the Texas Commission on Environmental Quality (TCEQ) to regulate on-site sewage facilities (OSSFs). Additionally, the Texas Water Code (TWC), 5.012 and 5.013, gives the TCEQ primary responsibility for implementing the laws of the State of Texas relating to water and adopting rules necessary to carry out its powers and duties under the TWC. The TCEQ, under the authority of the TWC and the Texas Health and Safety Code, requires owners to provide notice to the public that certain types of OSSFs are located on specific pieces of property. To achieve this notice, the TCEQ requires a deed recording. Additionally, the owner must provide proof of the recording to the OSSF permitting authority. This deed certification is not a representation or warranty by the TCEQ of the suitability of this OSSF, nor does it constitute any guarantee by the TCEQ that the appropriate OSSF was installed.

II

An OSSF requiring a maintenance contract, according to 30 Texas Administrative Code 285.91(12) will be installed on the property described as (insert legal description):

Lot 18 Block ____ Subdivision CANYON LAKE VILLAGE UNIT 3 Unit/Phase/Section 3

If not in Subdivision: ____ Acres _____ Survey

The property is owned by (insert owner's full name): MEDIATECH LLC

This OSSF must be covered by a continuous maintenance contract for the first two years. After the initial two-year service policy, the owner of an aerobic treatment system for a single family residence shall either obtain a maintenance contract within 30 days or maintain the system personally.

Upon sale or transfer of the above-described property, the permit for the OSSF shall be transferred to the buyer or new owner. A copy of the planning materials for the OSSF can be obtained from the Comal County Engineer's Office.

GREGORIO ALDO FLORES TORRES
Owner Name

Gregorio Aldo Flores Torres
Owner Signature

_____
Owner Name

_____
Owner Signature

This instrument was acknowledged before me on: 14 Day of AUGUST, 2025.

Sebastian Garcia
Notary's Printed Name

Sebastian Garcia
Notary Public, State of ~~Texas~~ Florida

State Of Florida
County Of Broward
Produced PASSPORT

S.G

S.G

Commission Expires: 01/26/2029

SEBASTIAN GARCIA
Notary Public - State of Florida
Commission # HH 630539
Expires on January 26, 2029

HH 630539

Affix Notary Stamp Above

Notarized remotely online using communication technology via Proof.

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10/17/2025 9:23:27 AM

COUNTY COURT OF COMAL COUNTY, TEXAS

This page has been added to comply with the statutory requirement that the clerk shall stamp the recording information at the bottom of the last page.

This page becomes part of the document identified by the file clerk number affixed on preceding pages.

Filed and Recorded
Official Public Records
Bobbie Koepp, County Clerk
Comal County, Texas
08/22/2025 10:36:18 AM
PRISCILLA 2 Page(s)
202506026990

Bobbie Koepp

Created 7/27/15

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10/17/2025 9:23:50 AM

BEAN ENVIRONMENTAL

WASTEWATER TREATMENT SYSTEM MONITORING AGREEMENT

CUSTOMER	RESIDENTIAL	INITIAL CONTRACT
MEDIATECH LLC	YES	YES
SITE ADDRESS		**AGENCY**
1573 TRAIL PASS DR.		
EMAIL	**PHONE**	**PERMIT NUMBER**
MOIAV@HOTMAIL.COM		
SYSTEM DETAILS	**DATE ISSUED CONTRACT**	LTO ISSUE DATE:
AEROBIC TREATMENT UNIT WITH DRIP IRR.	08-13-2025	

AGREEMENT

l. General:

This work for hire agreement (hereinafter referred to as "Agreement") is entered into by and between the Client and Bean Environmental (hereinafter referred to as “Contractor”), located at P.O. Box 768 Spring Branch, Texas 78070. By this agreement, Contractor agrees to render services, as described herein, and Client agrees to fulfill his/her/their responsibilities under the agreement as described herein.

ll. Dates:

This agreement is for an initial 2-year maintenance contract and begin once the License to Operate (LTO) has been issued.

cl. Services by Contractor:

1. Inspect and perform routine upkeep on the On-Site Sewage Facility (“OSSF”) in compliance with code, regulations, and/or rules of the Texas Commission on Environmental Quality (“TCEQ”) and county in which the OSSF is located and the manufacturer’s requirements, at a frequency of approximately once every four (4)months (3 visits per year). (Residential)
2. Inspection, adjustment, and servicing of the mechanical, electrical, and other components to ensure proper functioning. This includes inspecting control panels, air pumps, air filters, diffusers, floats, and spray heads.
3. Effluent Inspection will include the following: effluent quality (color, overflow, and odor), testing effluent chlorine and pH levels, when necessary, alarm function, filters, operation of effluent pump and chlorinator. Unless otherwise agreed to, Contractor does not provide chlorine.
4. Notify Client of any repairs needed to keep OSSF in proper working condition and up to regulatory standards. Items under warranty may be repaired while the technician is on-site. Additional charges may apply for labor and service calls. Repair quotes of non-warranty items must be approved by Client before work is performed.

5. Report to the appropriate regulatory authority and to Client, as required by the State of Texas' on-site rules and, if required, TCEQ or County rules. All findings must be reported to the appropriate regulatory authority within 14days.
6. Visit site within 48 hours of a service request.
7. Provide Customer Support line at 726-348-0132.

lV. Client Responsibilities:

1. Maintain Chlorinator and proper chlorine supply, unless otherwise specified.
2. Provide all necessary lawn or yard maintenance and remove all obstructions, including dogs and other animals as needed to allow the OSSF to function properly and the Contractor easy and safe access to all parts of system.
3. Immediately notify Contractor of any alarms or system problems.
4. Have tanks pumped out as directed by manufacturer, typically every 3 years.
5. Be available by text, phone, or in person when the Contractor is on site in case of required repair approvals or questions.
6. Maintain site drainage to prevent adverse effects on OSSF.
7. Promptly pay Contractor's bills, fees, and invoices in full.

V. Access By Contractor:

Access By Contractor: The contractor or anyone authorized by the contractor may enter the property at reasonable times without prior notice for the purpose of repairs and services described herein.

VI. Termination of This Agreement:

Either party may terminate this agreement with 30 days' written notice in the event of the other party's substantive failure to perform in accordance with this agreement without fault of the terminating party. Is this agreement is terminated, the Contractor will notify the appropriate regulatory authority.

VII. Limitation of Liability:

In no event shall the Contractor be liable for indirect, consequential, incidental, or punitive damages, whether in contract, tort, or any other theory of liability. In no event shall the Contractor's liability for the direct damages exceed payments by the Client under this agreement.

VIII. Payment Terms:

The fee for this agreement only covers the services described herein. This fee does not cover equipment or labor for non-warranty repairs, labor for warranty repairs, or service charges resulting from unscheduled inspection, Client requested trips to the Client's OSSF. Payments not received within 30 days from the date of invoicing will be subject to a $30.00 late penalty and or a 1.5% monthly carrying charge, whichever is greater. By signing this contract, the Client authorizes the Contractor to remove any parts which were installed but not paid for at the end of 30 days. The

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Client is still responsible for any labor costs associated with the installation and removal of said parts. All invoices are due upon receipt by Client. If the owner defaults in payment the contract will be terminated. **Monitoring Agreement initial fee is a non-refundable fee**.

Price Schedule for common (not covered) services: **$100.00**
-Customer requested site visit (Calls Outs)
-Site evaluation for existing OSSF (N/A is a service contract is initiated)
-Samples necessary for Regularoty authority compliance, not requried by the STATE
For all other services/ repairs, the contractor will provide a cost estimate to the customer.

Should an additional trip be required due to restricted access to the septic system due to locked gates, dogs, etc. An additional service call charge of $75 will be required.

IX. Severability:
If any provision of this agreement shall be held to be invalid or unenforceable for any reason the remaining provisions shall continue to be held valid and enforceable. If a court finds that any provision of this agreement is invalid or unenforceable, by limiting such provision it would become valid and enforceable, then such provision shall be deemed to be written, construed, and enforced as so limited.

MEDIATECH LLC
Customer Name

MEDIATECH LLC (Aug 26, 2025 13:32:21 MDT)
Customer Signature

BEAN ENVIRONMENTAL / THALIA RIVAS
Maintenance Provider Name

Maintenance Provider Signature
License # MP0002659

Service Provider
Name: Bean Environmental
Address: 1681 River Rd. Apt 1212 Boerne, TX 78006
Phone: 726-348-0132
Email: Maintenance@beanenvironmetal.com

Preliminary Field Check For Drip Systems

DATE: 10/20/25

INSPECTOR: Corey Allen

OBSERVATION: 2 probes attempted. Unable to probe due to surface rock

OSSF SOIL EVALUATION REPORT INFORMATION

DATE: 04-15-25

APPLICANT INFORMATION:

Name: MEDIATECH LLC
Address: 1573 TRAIL PASS DR.
City: CANYON LAKE TX 78133
Zip Code: 78133 Phone: 210-381-0369

SITE EVALUATOR INFORMATION:

Name: THALIA RIVAS
Address: PO BOX 768
City: Spring Branch State: TEXAS
Zip Code: 78070 Phone: 210-385-3487
Email: RS.TR@OSSFDESIGNS.COM
License #: OS0036382

PROPERTY LOCATION:

Lot 18 Unit: 3 Block:
Street Address: 1573 TRAIL PASS DR.
City: CANYON LAKE TX Zip: 78133
Subdivision: CANYON LAKE VILLAGE UNIT 3

Depth	Texture Class	Soil Texture	Structure	Drainage	Restrictive Horizon	Observation
Soil Boring #1 0"	SURFACE ROCK	SURFACE ROCK	SURFACE ROCK	SURFACE ROCK	SURFACE ROCK	SURFACE ROCK
Soil Boring #2	SAME AS ABOVE			SAME AS ABOVE		

TOPOGRAPHY: Slope within proposed disposal area: 3 %

Presence of 100yr. Flood Zone	YES____ NO X
Existing or proposed water well in nearby area.	YES____ NO X
Presence of adjacent ponds, streams, water impoundments	YES____ NO X
Presence of upper water shed	YES____ NO X
Organized sewage service available to lot	YES____ NO X

I HAVE PERFORMED A THOROUGH INVESTIGATION BEING A REGISTERED PROFESSIONAL SANITARIAN AND SITE EVALUATOR IN ACCORDANCE WITH CHAPTER 285, SUBCHAPTER D, §285.30, & §285.40 (REGARDING RECHARGE FEATURES), TEXAS COMMISSION OF ENVIRONMENTAL QUALITY (EFFECTIVE DECEMBER 29, 2016).

Thalia Rivas R.S 5067 – S.E. 36382

04-15-25
Date

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Drip Tubing System

DESIGNED FOR: MEDIATECH LLC
1573 TRAIL PASS DR.
CANYON LAKE TX 78133

SITE DESCRIPTION

Located in Canyon Lake Village Unit 3, Lot 18 at 1573 Trail Pass Dr. Canyon Lake Tx 78133. This septic will serve a two bedroom residence (<1500sqft) in area with limestone as described in the Soil Evaluation Report. An aerobic treatment plant utilizing drip irrigation was chosen as the most appropriate system to serve the conditions on this lot.

PROPOSED SYSTEM

A 3inch or 4inch SCH-40 pipe discharges from the residence into a FujiClean USA CE-5 - 500GPD aerobic treatment plant containing a 396gal. pretreatment chamber and a 750 gal. pump chamber. The effluent after processing gravity feeds into the pump chamber. The pump chamber contains 0.5 HP FPS submersible well pump. The well pump is activated by mercury floats and a timer set to cycle eight times per day with a ten minute run time. A high level audible and visual alarm will activate should the pump fail. Distribution is through a self flushing 100 micron Arkal Disc filter then through a 1" SCH-40 manifold to a 640sqft drip tubing field, with Netifim Bioline drip lines set approximately two feet apart with 0.61 gps emitters set every two feet, as per the attached schematic. A pressure regulator Model PMR30MF installed in the pump tank on the manifold to the field will maintain pressure at 25psi to 40psi. A 1" SCH-40 return line is installed to continuously flush the system by cycling a 1" ball valve into the pump tank. Solids caught in the disk filter are flushed each cycle back to the trash tank. 1" PVC vacuum breakers installed at the highest point on each manifold will prevent siphoning of effluent from higher to lower parts of the field. Prior to trenching the site must be scarified and built up with 12" of Type Ib soil. Drip tubing will be laid ad the entire field area will be capped with 6" of loamy sand type Ib soil. The field area will be sodded with a hearty grass such as Bermuda, St. Augustine, etc. prior to system startup. **Inspection and cleanout ports shall have risers over the port openings which extend to a minimum of two inches above grade. A secondary plug, cap, or suitable restraint must be provided below riser cap to prevent tank entry should the cap be damaged or removed, in compliance with Chapter §285.38**.

DESIGN SPECIFICATIONS:

Q = 180 gallons per day – 2 bedroom residence (<1500sf) (Table III)
Pretreatment tank size: 396 Gal
Plant Size: FujiClean CE – 5 500gpd (TCEQ Approved)
Pump tank size: 750 Gal

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Reserve capacity after High Level: 80 gal. (>1/3 day usage)
Application Rate: Ra = 0.38 gal/sqft
Total absorption area: Q/Ra = 180gpd/0.38 = 474sqft (Actual 640sqft).
Total linear feet drip tubing: Actual 320’ Minimum 237’= 474/2 Netifim Bioline drip tubing .61 GPH
Total number of emitters: 160 emitters
Pump: 0.5 HP FPS E- Series 20FE05P4-2W115 submersible pump or equivalent.

PIPE AND FITTINGS:

All pipes and fittings in this drip tubing system shall be schedule 40 PVC. All joints shall be sealed with approved solvent- type PVC cement. Clipper type cutters are recommended to prevent PVC burrs during cutting of pipes causing possible plugging.

Designed in accordance with Chapter 285, Subchapter D, §285.30 and §285.40 Texas Commission On Environmental Quality. (Effective December 29, 2016)

07-23-25

Thalia Rivas, R.S. No. 5067
P.O. BOX 768
Spring Branch, Texas 78070
(726)348-0132
Rs.tr@ossfdesigns.com

OWNER: MEDIATECH LLC
LEGAL DESCRIPTION: CANYON LAKE VILLAGE UNIT 3, LOT 18
ADDRESS: 1573 TRAIL PASS DR. CANYON LAKE TX 78133
PREPARED BY: THALIA RIVAS RS 5067 SCALE: 1" = 25'

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INSTALL 640SF OF FIELD TUBING USING 320LNFT OF DRIP TUBING. THERE SHALL BE NO PARKING, DRIVING, OR STORAGE ON THE SEPTIC FIELD AT ANY TIME FOR ANY REASON.

THE SLOPE OF THE PIPE FROM THE BUILDING TO TREATMENT SYSTEM SHALL BE NO LESS THAN 1/8" FALL PER FOOT OF PIPE.

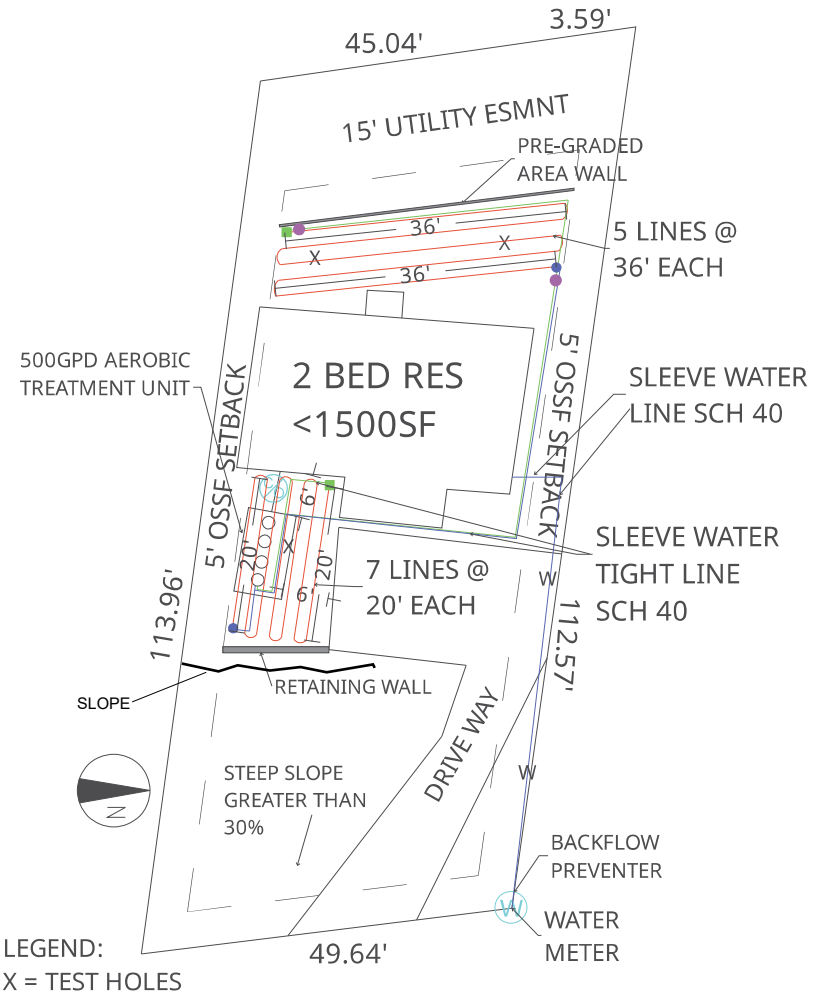
USE TWO WAY CLEAN OUT SCH 40 OR SDR 26 FROM BUILDING TO TREATMENT UNIT.

INSTALL VACUUM BREAKERS AT HIGHEST POINT OF SUPPLH AND RETURN LINE.

SITE MUST BE SCARIFIED AND BUILT UP WITH 12" OF TYPE Ib (LOAMY SAND). DRIP TUBING WILL BE CAPPED WITH 6" OF TYPE Ib LOAMY SAND. TOTAL OF 18" OF LOAMY SAND.

AEROBIC UNIT MUST BE INSATLLED AT A MINIMUM OF 18" DEEP TO ALLOW A MINIMUM OF 12" OF SOIL BETWEEN TOP OF TANK AND DRIP TUBING LINE.

INSTALL/ USE:
5 LINES @ 36' EACH
7 LINES @ 20' EACH



LEGEND:
X = TEST HOLES
W = WATER LINE
= CLEAN OUT
= SUPPLY LINE
= RETURN LINE
= VACUUM BREAKERS

STATE OF TEXAS
THALIA RIVAS
5067
REGISTERED PROFESSIONAL SANITARIAN

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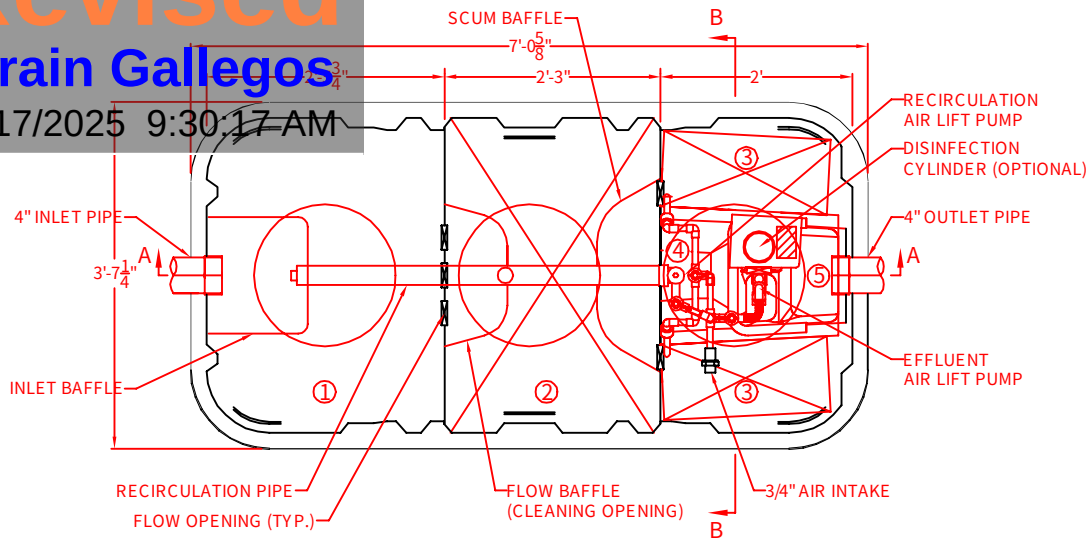
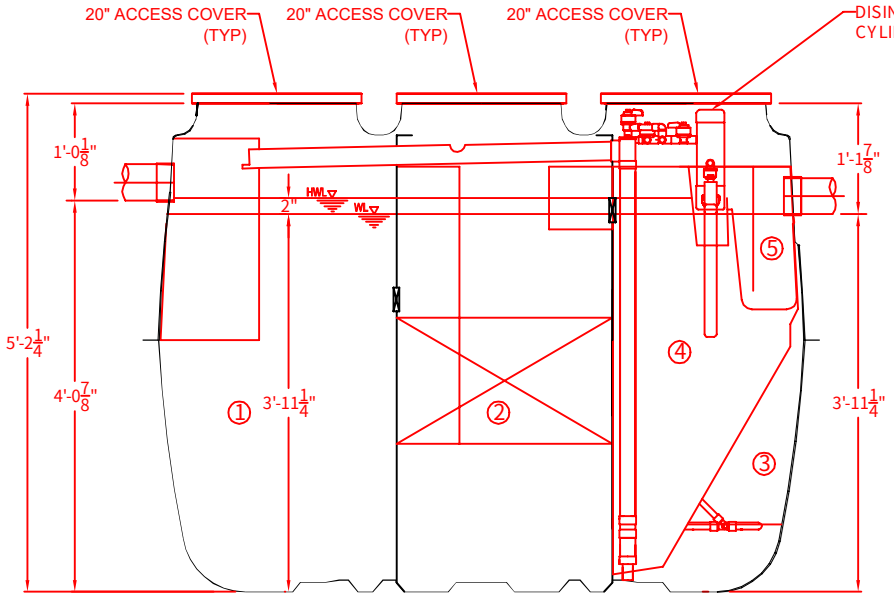


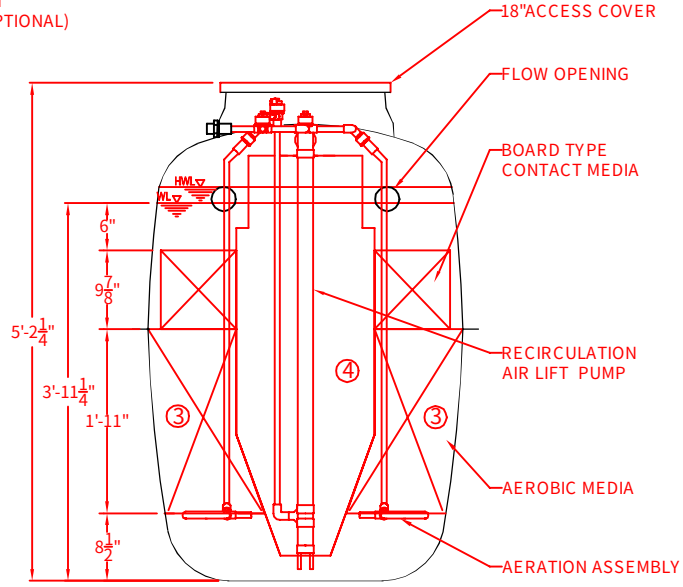
PLAN VIEW

	CHAMBER	Volume (gal)
①	Sedimentation Chamber	198
②	Anaerobic Filtration Chamber	198
③	Aerobic Contact Filtration Chamber	95
④	Clarification Chamber	44
⑤	Disinfection Chamber	4
	Total Volume	540

SPECIFICATIONS	
Anaerobic Media	PP / PE
Board Type Aerobic Media	PVC / PP / PE
Aerobic Media	PP / PE
Blower	2.8 cfm
Tank	FRP
Piping	PVC / PP / PE
Access Covers	Plastic / Cast Iron
Disinfectant (Optional)	Chlorine Tablets



SECTION A-A VIEW



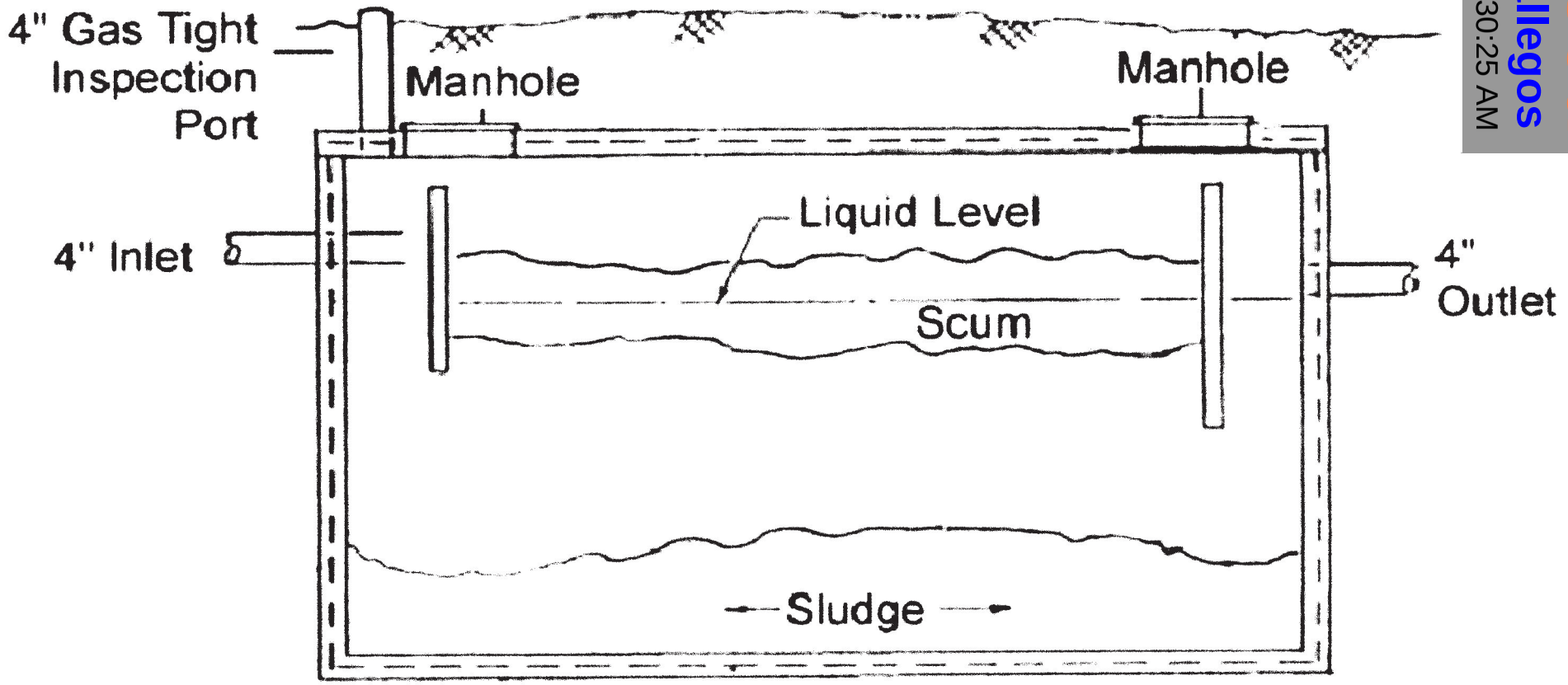
SECTION B-B VIEW

FujiClean USA
Toward Clean Water...

CE-5
Structural Drawing

DATE:	03/21/2020	SCALE:	1/2" = 1"

TYPICAL SINGLE COMPARTMENT SEPTIC TANK



See text of Design Standards for detailed requirements.

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STA-RITE® ST.E.P Plus D Series

4" multi-stage submersible effluent pumps

The ST.E.P Plus D Series 4" submersible pump in 10, 20 and 30 GPM models dominate with superior "draw-down" capability.

The ST.E.P Plus D Series 4" submersible pump dominates with reduced amp draw.

The ST.E.P Plus D Series 4" submersible pump dominates with cooler and quieter operation.

APPLICATIONS

Clean and Gray Water... for residential, commercial, and agricultural use.

SPECIFICATIONS

Motor – Available in 115 or 230 volt versions. Dry-wound, double ball-bearing, double-seal and thermal overload protected, UL and CSA approved.

Shell – Stainless steel (300 grade)

Discharge – 1-1/4" Fiberglass-reinforced thermoplastic

Discharge Bearing – Nylatron®

Impellers – Acetel

Diffusers – Polycarbonate

Suction Caps – Polycarbonate with stainless steel wear ring

Thrust Pads – Proprietary spec.

Shaft and Coupling – Stainless steel 300 grade

Intake – Fiberglass-reinforced thermoplastic

Intake Screen – Stainless steel

Jacketed Cord – 600 Volt "SJOW" jacketed 10' leads, 2-wire with ground

Agency Listing – CSA

FEATURES

ST.E.P. Plus DOMINATES with a...

Proven Stage System – The proven SignaSeal staging system utilizes a patented ceramic wear surface. When incorporated with STA-RITE's "true" independent floating impellers, dominates with 1st-in-class performance, superior sand handling, and a thrust management staging system with industry exclusive "dry-run" capabilities.

Superior "draw-down" capability – The ST.E.P. Plus Dominates in this class with the lowest draw-down of 4-1/2" (a standard 4" NEMA submersible only draws-down to 13-1/2").

Reduced amp draw – The ST.E.P. Plus Dominates in this class with less energy consumption – over 25% less amp draw (9.5 amps vs. 12.7 amps, 115 volt) than a 4" NEMA submersible, reducing operating costs and extending the service life of float switch contacts.

Cooler and quieter operation – The ST.E.P. Plus Dominates by using the pumped liquid to cool the motor as it passes over the motor. The water passing over the motor dampens the motor noise, eliminating expensive "flow-inducer sleeves" required when using a standard 4" NEMA submersible.

Impellers – Precision molded for perfect balance... ultra smooth for the highest performance and efficiency. Allows for .080" solids.

Shaft – Positive drive, hexagonal 7/16" - 300-grade stainless steel shaft offers generous impeller drive surfaces.

Shaft bearing – Exclusive self-lubricating Nylatron® bearing resists wear surface from sand and abrasives.

Shell – Corrosion resistant 300-grade stainless steel.

ORDERING INFORMATION

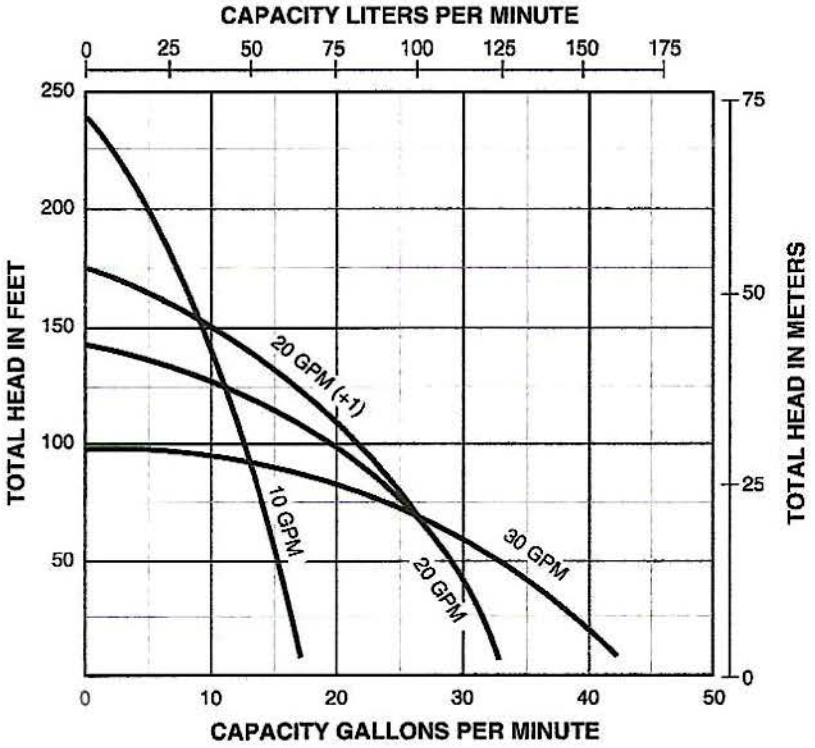
CATALOG NUMBER	HP	MAX. LOAD AMPS	VOLTS	PHASE/ CYCLES	CORD LENGTH	PALLET QUANTITY	WEIGHT (LBS.)
10DOM05221	1/2	5.5	230	1/60	10'	80	16
10DOM05121	1/2	11.0	115	1/60	10'	80	16
20DOM05221	1/2	4.6	230	1/60	10'	80	16
20DOM05121	1/2	9.5	115	1/60	10'	80	16
30DOM05221	1/2	4.6	230	1/60	10'	80	16
30DOM05121	1/2	9.5	115	1/60	10'	80	16
20DOM05221+1	1/2	5.3	230	1/60	10'	80	16
20DOM05121+1	1/2	10.6	115	1/60	10'	80	16

In order to provide the best products possible, specifications are subject to change.

STA-RITE® ST.E.P Plus D Series

4" multi-stage submersible effluent pumps

PUMP PERFORMANCE



PUMP PERFORMANCE (CAPACITY IN GALLONS PER MINUTE)

PUMP MODEL	FLOW RATE (GPM)	PSI											
		0	10	20	30	40	50	60	70	80	90	100	110
10DOM05221	10			15.0	13.7	12.7	11.5	10.2	8.4	6.5	4.3	1.0	
10DOM05121	10			15.0	13.7	12.7	11.5	10.2	8.4	6.5	4.3	1.0	
20DOM05221	20			30.0	26.0	21.5	14.2	4.4					
20DOM05121	20			30.0	26.0	21.5	14.2	4.4					
30DOM05221	30		38.5	33.3	25.8	16							
30DOM05121	30		38.5	33.3	25.8	16							
20DOM05221+1	20 + 1			30	27.5	24	20	13.5	6				
20DOM05121+1	20 + 1			30	27.5	24	20	13.5	6				

PUMP PERFORMANCE (CAPACITY IN LITERS PER MINUTE)

PUMP MODEL	FLOW RATE (LPM)	BAR											
		.69	1.38	2.07	2.76	3.45	4.13	4.82	5.51	6.20	6.89	7.58	110
10DOM05221	37.85			56.8	51.9	48.1	43.5	38.6	31.8	24.6	16.3	3.8	
10DOM05121	37.85			56.8	51.9	48.1	43.5	38.6	31.8	24.6	16.3	3.8	
20DOM05221	75.7			113.6	98.4	81.4	53.7	16.7					
20DOM05121	75.7			113.6	98.4	81.4	53.7	16.7					
30DOM05221	113.55		145.7	126.0	97.7	60.6							
30DOM05121	113.55		145.7	126.0	97.7	60.6							
20DOM05221+1	75.7 + 1			113.4	103.9	90.7	75.6	51.0	22.6				
20DOM05121+1	75.7 + 1			113.4	103.9	90.7	75.6	51.0	22.6				

PMR-MF

PRESSURE-MASTER REGULATOR - MEDIUM FLOW

Specifications

The pressure regulator shall be capable of operating at a constant, factory preset, non-adjustable outlet pressure of 6, 10, 12, 15, 20, 25, 30, 35, 40, 50, or 60 PSI (0.41, 0.69, 0.83, 1.03, 1.38, 1.72, 2.07, 2.41, 2.76, 3.45, or 4.14 bar) with a flow range between:

4 - 16 GPM (909 - 3634 L/hr) for 6 - 10 PSI models or
2 - 20 GPM (454 - 4542 L/hr) for 12 - 60 PSI models.

The pressure regulator shall maintain the nominal pressure at a minimum of 5 PSI (0.34 bar) above model inlet pressure and a maximum of 80 PSI (5.52 bar) above nominal model pressure*. Refer to the PRU performance curve to establish specific outlet pressures based on relative inlet pressure and flow rate. Always install downstream from all shut off valves. Recommended for outdoor use only. Not NSF certified.

All pressure regulator models shall be equipped with one of these inlet-x-outlet configurations:

Inlet	Outlet
¾-inch Female National Pipe Thread (FNPT)	¾-inch Female National Pipe Thread (FNPT)
1-inch Female National Pipe Thread (FNPT)	1-inch Female National Pipe Thread (FNPT)
1-inch Female British Standard Pipe Thread (FBSPT)	1-inch Female British Standard Pipe Thread (FBSPT)

The upper housing, lower housing, and internal molded parts shall be of engineering-grade thermoplastics with internal elastomeric seals and a reinforced elastomeric diaphragm. Regulation shall be accomplished by a fixed stainless steel compression spring, which shall be enclosed in a chamber isolated from the normal water passage.

Outlet pressure and flow shall be clearly marked on each regulator.

The pressure regulator shall carry a two-year manufacturer's warranty on materials, workmanship, and performance. Each pressure regulator shall be water tested for accuracy before departing the manufacturing facility.

The pressure regulator shall be manufactured by Senninger Irrigation in Clermont, Florida. Senninger is a Hunter Industries Company.

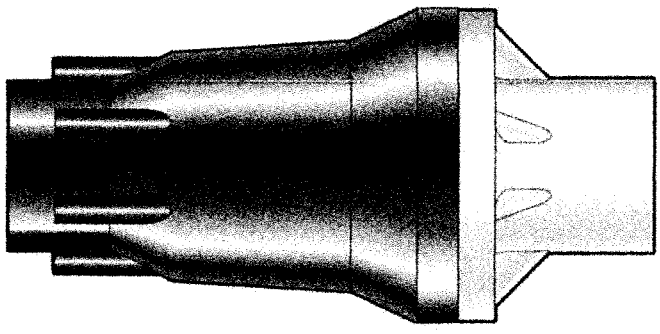
Physical

3/4" FNPT x 3/4" FNPT model *(shown on right)*

Overall Length	5.2 inches (13.1 cm)
Overall Width	2.5 inches (6.4 cm)

1" FNPT x 1" FNPT model
1" FBSPT x 1" FBSPT model

Overall Length	5.8 inches (14.6 cm)
Overall Width	2.5 inches (6.4 cm)



* Please consult factory for applications outside of recommended guidelines.

Senninger®

PMR-MF

PRESSURE-MASTER REGULATOR - MEDIUM FLOW

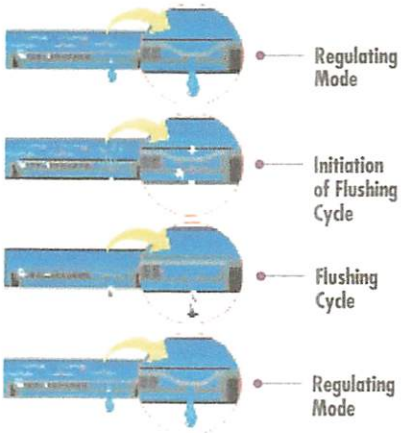
Model Numbers

Model #	Flow Range	Preset Operating Pressure	Maximum Inlet Pressure
PMR-6 MF	4 - 16 GPM (909 - 3634 L/hr)	6 PSI (0.41 bar)	80 psi (5.51 bar)
PMR-10 MF	4 - 16 GPM (909 - 3634 L/hr)	10 PSI (0.69 bar)	90 psi (6.20 bar)
PMR-12 MF	2 - 20 GPM (454 - 4542 L/hr)	12 PSI (0.83 bar)	90 psi (6.20 bar)
PMR-15 MF	2 - 20 GPM (454 - 4542 L/hr)	15 PSI (1.03 bar)	95 psi (6.55 bar)
PMR-20 MF	2 - 20 GPM (454 - 4542 L/hr)	20 PSI (1.38 bar)	100 psi (6.89 bar)
PMR-25 MF	2 - 20 GPM (454 - 4542 L/hr)	25 PSI (1.72 bar)	105 psi (7.24 bar)
PMR-30 MF	2 - 20 GPM (454 - 4542 L/hr)	30 PSI (2.07 bar)	110 psi (7.58 bar)
PMR-35 MF	2 - 20 GPM (454 - 4542 L/hr)	35 PSI (2.41 bar)	115 psi (7.93 bar)
PMR-40 MF	2 - 20 GPM (454 - 4542 L/hr)	40 PSI (2.76 bar)	120 psi (8.27 bar)
PMR-50 MF	2 - 20 GPM (454 - 4542 L/hr)	50 PSI (3.45 bar)	130 psi (8.96 bar)
PMR-60 MF	2 - 20 GPM (454 - 4542 L/hr)	60 PSI (4.14 bar)	140 psi (9.65 bar)

NETAFIM™

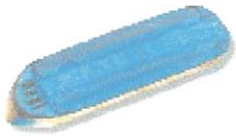
Bioline® Dripperline

Pressure Compensating Dripperline for Wastewater



BioLine's Self-Cleaning, Pressure Compensating Dripper is a fully self-contained unit molded to the interior wall of the dripper tubing.

As shown at left, BioLine is continuously self-cleaning during operation, not just at the beginning and end of a cycle. The result is dependable, clog free operation, year after year.



Product Advantages

The Proven Performer

- Tens of millions of feet used in wastewater today.
- Bioline is permitted in every state allowing drip disposal.
- Backed by the largest, most quality-driven manufacturer of drip products in the U.S.
- Preferred choice of major wastewater designers and regulators.
- Proven track record of success for many years of hard use in wastewater applications.

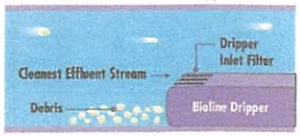
Quality Manufacturing with Specifications Designed to Meet Your Needs

- Pressure compensating drippers assure the highest application uniformity - even on sloped or rolling terrain.
- Excellent uniformity with runs of 400 feet or more - reducing installation costs.
- Highest quality-control standards in the industry: Cv of 0.25 (coefficient of manufacturer's variation).
- A selection of flows and spacings to satisfy the designer's demand for almost any application rate.

Long-Term Reliability

- Protection against plugging:
  - Dripper inlet raised 0.27" above wall of tubing to prevent sediment from entering dripper.
  - Drippers impregnated with Vinyzene to prevent buildup of microbial slime.
  - Unique self-flushing mechanism passes small particles before they can build up.

Cross Section of Bioline Dripperline



Root Safe

- A physical barrier on each BioLine dripper helps prevent root intrusion.
- Protection never wears out - never depletes - releases nothing to the environment.
- Working reliably for up to 15 years in subsurface wastewater installations.
- Additional security of chemical root inhibition with Techfilter - supplies Trifluralin to the entire system, effectively inhibiting root growth to the dripper outlets.

Applications

- For domestic strength wastewater disposal.
- Installed following a treatment process.
- Can be successfully used on straight septic effluent with proper design, filtration and operation.
- Suitable for reuse applications using municipally treated effluent designated for irrigation water.

Specifications

Wall thickness (mil): 45*

Nominal flow rates (GPH): .4, .6, .9*

Common spacings: 12", 18", 24"*

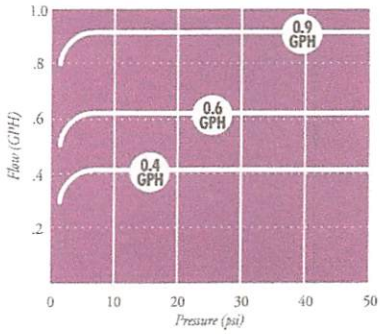
Recommended filtration: 120 mesh

Inside diameter: .570*

Color: Purple tubing indicates non-potable source

*Additional flows, spacings, and pipe sizes available by request. Please contact Netafim USA Customer Service for details.

BIOLINE Flow Rate vs. Pressure



NETAFIM™

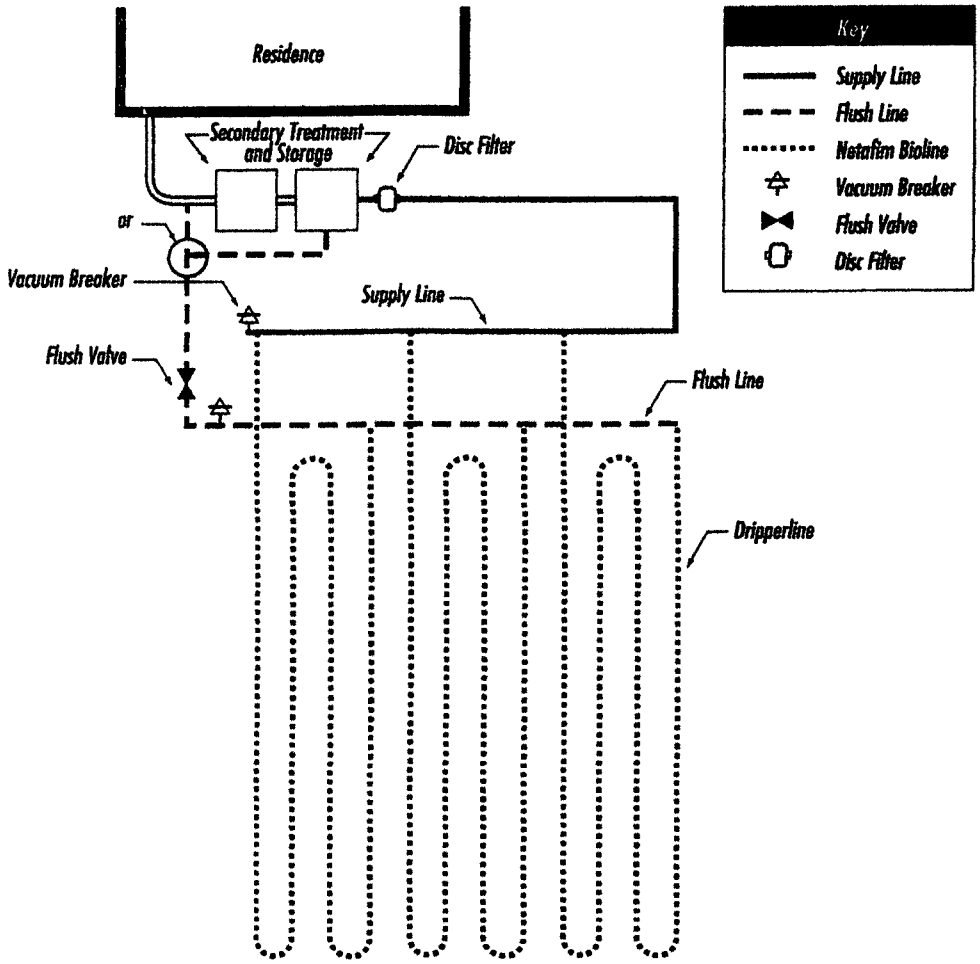
NETAFIM USA
5470 E. Home Ave. • Fresno, CA 93727
888.638.2346 • 559.453.6800
FAX 800.695.4753
www.netafimusa.com

SAMPLE DESIGNS

SINGLE TRENCH LAYOUT

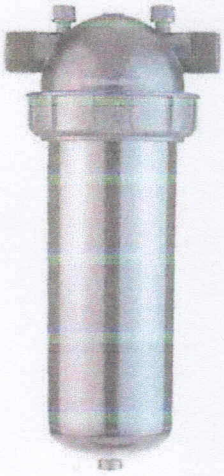
Rectangular field with supply and flush manifold on same side and in same trench;

- Locate supply and flush manifold in same trench
- Dripperlines are looped at the end opposite the supply and flush manifolds
- The longest Bioline length should not exceed 400 ft. Drip fields 200 ft. in length might loop the Bioline once; drip dispersal fields under 100 ft. might be looped twice, as illustrated



Arkal 1" Super Filter

Catalog No. 1102 0_ _ _

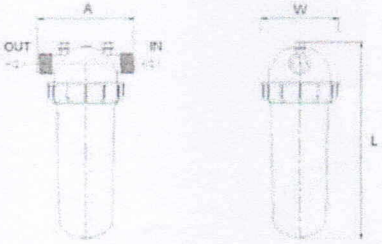


Features

- A "T" shaped filter with two 1" male threads.
- A "T" volume filter for in-line installation on 1" pipelines.
- The filter prevents clogging due to its enlarged filtering area that collects sediments and particles.
- Manufactured entirely from fiber reinforced plastic.
- A cylindrical column of grooved discs constitutes the filter element.
- Spring keeps the discs compressed.
- Screw-on filter cover.
- Filter discs are available in various filtration grades.

Technical Data

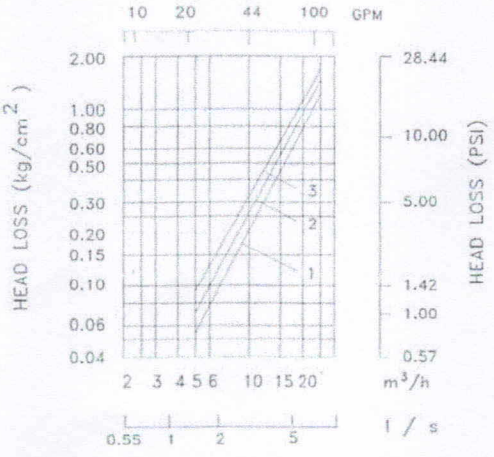
Inlet/outlet diameter	1" BSPT (male) 25.0 mm – nominal diameter 33.6 mm – pipe diameter (O. D.)	1" NPT (male)
Maximum pressure	10 atm	145 psi
Maximum flow rate	8 m^3/h (1.7 l/sec)	35 gpm
General filtration area	500 cm^2	77.5 in^2
Filtration volume	600 cm^3	37 in^3
Filter length L	340 mm	13 13/32"
Filter width W	130 mm	5 3/32"
Distance between end connections A	158 mm	6 7/32"
Weight	1.420 kg	3.13 lbs.
Maximum temperature	70° C	158 °F
pH	5-11	5-11



Filtration Grades

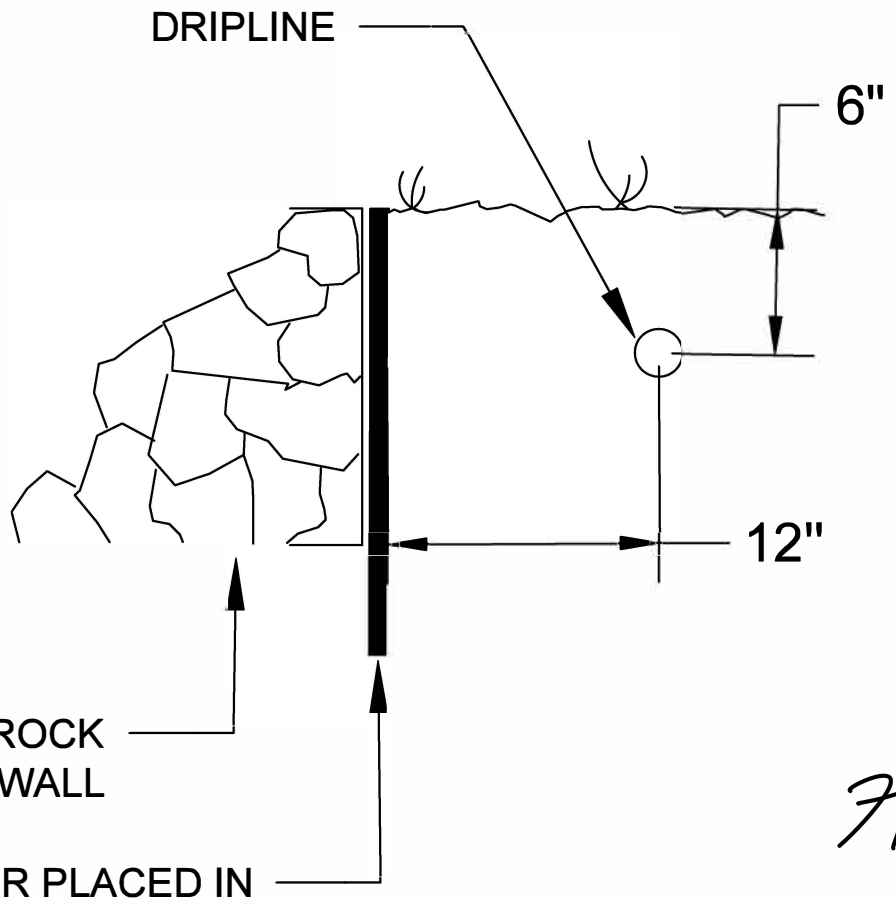
Blue (400 micron / 40 mesh)
Yellow (200 micron / 80 mesh)
Red (130 micron / 120 mesh)
Black (100 micron /140 mesh)
Green (55 micron)

Head Loss Chart



Revised
Efrain Gallegos
10/17/2025 9:30:49 AM

RETAINING WALL SCHEMATIC



NOTE: NOT TO SCALE

RECORDED AS RECEIVED
DOCUMENT HAS
POOR QUALITY

Notice of confidentiality rights: If you are a natural person, you may remove or strike any or all of the following information from any instrument that transfers an interest in real property before it is filed for record in the public records: your Social Security number or your driver's license number.

General Warranty Deed

Date: 19th day of July, 2022

Grantor: **Stephen Lamar Lusk**

Grantor's Mailing Address: 435 Rustic Path, Lavernia, TX 78121

Grantee: **Mediatech, LLC**

Grantee's Mailing Address: P.O. Box 591412, San Antonio, TX 78259

Consideration: Cash and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged.

Property (including any improvements): **Lot 18, CANYON LAKE VILLAGE, UNIT NO. 3, an addition to Comal County, Texas, according to the map or plat therefore recorded in Volume 1, Page 97, Map/Plat Records of Comal County, Texas.**

Reservations from Conveyance: None

Exceptions to Conveyance and Warranty:

This conveyance is made and accepted subject to all restrictions, covenants, conditions, rights-of-way, assessments, outstanding royalty and mineral reservations and easements, if any, affecting the above described property that are valid, existing and properly of record as of the date hereof and subject, further, to taxes for the year **2022** and subsequent years.

Grantor, for the Consideration and subject to the Reservations from Conveyance and the Exceptions to Conveyance and Warranty, grants, sells, and conveys to Grantee the Property, together with all and singular the rights and appurtenances thereto in any way belonging, to have and to hold it to Grantee and Grantee's heirs, successors, and assigns forever. Grantor binds Grantor and Grantor's heirs and successors to warrant and forever defend all and singular the Property to Grantee and Grantee's heirs, successors, and assigns against every person whomsoever lawfully claiming or to claim the same or any part thereof, except as to the

Reservations from Conveyance and the Exceptions to Conveyance and Warranty.

When the context requires, singular nouns and pronouns include the plural.

Stephen Lamar Lusk

STATE OF TEXAS
COUNTY OF ~~BEXAR~~ Comal
EB

Before me, Enrique Brambila, on this day personally appeared Stephen Lamar Lusk, known to me or proved to me on the oath of — or through TX DL to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he (she) executed the same for the purposes and consideration therein expressed.

Given under my hand and seal of office this 19th day of July, 2022.

Notary Public Signature

ENRIQUE BRAMBILA
Notary ID #132055041
My Commission Expires
June 18, 2023

After filing, please return to:
MEDIATECH, LLC

Filed and Recorded
Official Public Records
Bobbie Koepp, County Clerk
Comal County, Texas
07/20/2022 11:44:30 AM
CASHONE 2 Pages(s)
202206033088

Bobbie Koepp

Comal AD Property Search

Property Details

Account

Property ID:	13886	**Geographic ID:**	130320038500
Type:	R	**Zoning:**	
Property Use:			

Location

Situs Address:	1573 TRAIL PASS DR CANYON LAKE, TX 78133
Map ID:	4H **Mapsco:**
Legal Description:	CANYON LAKE VILLAGE 3, LOT 18
Abstract/Subdivision:	130320-3
Neighborhood:	(357A601) ARROWHEAD/CANYON LAKE VILLAGE

Owner

Owner ID:	1078276
Name:	MEDIATECH LLC
Agent:	
Mailing Address:	PO BOX 591412 SAN ANTONIO, TN 78259
% Ownership:	100.0%
Exemptions:	For privacy reasons not all exemptions are shown online.

Property Values

Improvement Homesite Value:	$0 (+)
Improvement Non-Homesite Value:	$258,110 (+)
Land Homesite Value:	$0 (+)
Land Non-Homesite Value:	$36,380 (+)
Agricultural Market Valuation:	$0 (+)
Market Value:	$294,490 (=)
Agricultural Value Loss:	$0 (-)
HS Cap Loss:	$0 (-)
Circuit Breaker:	$0 (-)
Appraised Value:	$294,490
Ag Use Value:	$0

Information provided for research purposes only. Legal descriptions and acreage amounts are for Appraisal District use only and should be verified prior to using for legal purpose and or documents. Please contact the Appraisal District to verify all information for accuracy.

Property Taxing Jurisdiction

Owner: MEDIATECH LLC **%Ownership:** 100.0%

Entity	Description	Market Value	Taxable Value
046	COMAL COUNTY	$294,490	$294,490

046LR	COMAL COUNTY LATERAL ROAD	$294,490	$294,490
SCIS	COMAL ISD	$294,490	$294,490
ES2	(ESD2) COMAL COUNTY EMERGENCY SERVICES DISTRICT NO. 2 (EMS)	$294,490	$294,490
CAD	CAD	$294,490	$294,490
ZZZ	Credit	$294,490	$294,490
ES3	(ESD3) COMAL COUNTY EMERGENCY SERVICES DISTRICT NO. 3 (FIRE)	$294,490	$294,490

Property Improvement - Building

Type: RESIDENTIAL **Value:** $258,110

Type	Description	Class CD	Year Built	SQFT
RES 1 1/2	Residential 1 1/2 story	FAIR	2023	1078
PC	Covered Porch (attached)	*	2023	60
STR2	2nd Floor	*	2023	0
SEP1	Septic System	*	2023	1

Property Land

Type	Description	Acreage	Sqft	Eff Front	Eff Depth	Market Value	Prod. Value
RES	Residential	0.13	5,706.50	50.50	113.00	$36,380	$0

Property Roll Value History

Year	Improvements	Land Market	Ag Valuation	HS Cap Loss	Appraised
2025	$258,110	$36,380	$0	$0	$294,490
2024	$252,990	$40,430	$0	$0	$293,420
2023	$0	$35,150	$0	$0	$35,150
2022	$0	$35,150	$0	$0	$35,150
2021	$0	$7,680	$0	$0	$7,680
2020	$0	$7,680	$0	$0	$7,680
2019	$0	$3,720	$0	$0	$3,720
2018	$0	$3,720	$0	$0	$3,720
2017	$0	$3,230	$0	$0	$3,230

Property Deed History

Deed Date	Type	Description	Grantor	Grantee	Volume	Page	Number
7/19/2022	WD	WARRANTY DEED	LUSK STEPHEN LAMAR	MEDIATECH LLC	202206033088		202206033088
8/1/2005	WD	WARRANTY DEED	LUSK WALTER L & ALICE E	LUSK STEPHEN LAMAR	200506028027		
6/23/2005	SWD	SPECIAL WARRANTY DEED	LUSK WALTER L	LUSK WALTER L & ALICE E	200506022776		

Preliminary Field Check For Drip Systems

DATE: 6/20/25

INSPECTOR: Hendry

COMMENTS: A distance of roughly 35’ was observed between the foundation of the structure and the steep slope to the front.

COMAL COUNTY
ENGINEER'S OFFICE

ON-SITE SEWAGE FACILITY APPLICATION

195 DAVID JONAS DR
NEW BRAUNFELS, TX 78132
(830) 608-2090
WWW.CCEO.ORG

Planning Materials & Site Evaluation as Required Completed By THALIA RIVAS RS 5067

System Description STANDARD TREATMENT UNIT WITH HOLDING TANK

Size of Septic System Required Based on Planning Materials & Soil Evaluation

Tank Size(s) (Gallons) 1000GAL STANDARD TANK Absorption/Application Area (Sq Ft) 1500GAL HOLDING TANK

Gallons Per Day (As Per TCEQ Table III) 180GPD

(Sites generating more than 5000 gallons per day are required to obtain a permit through TCEQ.)

VOID

Is the property located over the Edwards Recharge Zone? ☐ Yes ☐ No

(If yes, the planning materials must be completed by a Registered Sanitarian (R.S.) or Professional Engineer (P.E.))

Is there an existing TCEQ approved WPAP for the property? ☐ Yes ☒ No

(If yes, the R.S. or P.E. shall certify that the OSSF design complies with all provisions of the existing WPAP.)

Is there at least one acre per single family dwelling as per 285.40(c)(1)? ☐ Yes ☒ No

If there is no existing WPAP, does the proposed development activity require a TCEQ approved WPAP? ☐ Yes ☒ No

(If yes, the R.S. or P.E. shall certify that the OSSF design will comply with all provisions of the proposed WPAP. A Permit to Construct will not be issued for the proposed OSSF until the proposed WPAP has been approved by the appropriate regional office.)

Is the property located over the Edwards Contributing Zone? ☒ Yes ☐ No

Is there an existing TCEQ approval CZP for the property? ☐ Yes ☒ No

(If yes, the P.E. or R.S. shall certify that the OSSF design complies with all provisions of the existing CZP.)

If there is no existing CZP, does the proposed development activity require a TCEQ approved CZP? ☐ Yes ☒ No

(If yes, the R.S. or P.E. shall certify that the OSSF design will comply with all provisions of the proposed CZP. A Permit to Construct will not be issued for the proposed OSSF until the CZP has been approved by the appropriate regional office.)

Is this property within an incorporated city? ☐ Yes ☐ No

If yes, indicate the city: _____

By signing this application, I certify that:

- The information provided above is true and correct to the best of my knowledge.
- I affirmatively consent to the online posting/public release of my e-mail address associated with this permit application, as applicable.

Signature of Designer

05-05-25
Date

Revised March 2024

VOID

OSSF Technical Report Information

Owner / Applicant Information

Name: MEL[illegible]

Mailing Address: 1573 TRAIL PASS DR. CANYON LAKE TX 78133

Phone: 210-381-0369 Email:

Property Location

Lot: 18 Block: Unit: 3

Subdivision: CANYON LAKE VILLAGE UNIT 3 Company:

StreetAddress: 1573 TRAIL PASS DR.

County: COMAL State: TX Zip: 78133

Designer/ Site Evaluator/ Installer

Designer: Thalia Rivas Address: PO BOX 768 Spring Branch Tx 78070

Phone: 726-348-0132 Email:Rs.tr@ossfdesigns.com

Site Evaluator: Thalia Rivas Address: PO BOX 768 Spring Branch Tx 78070

Phone: 726-348-0132 Email:Rs.tr@ossfdesigns.com

Installer: OSSF License

Phone:

Site Description and Evaluation

OSSF SYSTEM WILL SERVE A 2 BED RESIDENCE <1500SF. LOT SIZE IS TOO SMALL FOR SEPTIC DRAIN FIELD.

SITE HAS STEEP SLOPE AT THE FRONT OF THE PROPERTY. SITE HAS PRE-GRADED WALL ON THE BACK OF PROPERTY.

Topography: Slope within proposed disposal area: 3 %

Wastewater Design Flow

The site evaluation determined the site is suitable for a STANDARD TREATMENT UINT with HOLDING TANK , with the projected wastewater flow of 180 gpd per TCEQ.

Design Specs

 # Of Occupants: 2 BED RESIDENCE

Sq ft. living space: <1500SF

Gallons per day: 180GPD

Soil Class: 0.20

Application rate: 0.20

Sqft absorptive area: N/A - HOLDING TANK

Size of tank: 1000GAL STANDARD TREATMENT UNIT WITH 1500GAL HOLDING TANK

Calculations

Q = 180GPD (2 BED RESIDENCE)
Ra = 0.20

NOTE: HOLDING TANK REQUIRED. LOT SIZE IS TOO SMALL FOR DRAIN FIELD.
SITE HAS STEEP SLOPE AT FRONT OF PROPERTY.

HOLDING TANK CAPACITY = WATER USAGE RATE IN GPD X 7

180GPD X 7 = 1260GALLONS MINIMUM

MINIMU: 1000GAL STANDARD TREATMENT UNIT REQUIRED. 1260GAL HOLDING TANK REQUIRED. USE 1500GAL HOLDING TANK.

VOID

I certify that the facts in this report and the accompanying septic design were based on my field observations and information obtained from the builder and/or owner and are accurate to the best of my ability and in compliance with state and local regulations.

Signature of Designer: _____ **Print Name:** Thalia Rivas

License Number: 5067 **Expiration Date:** 03-15-2025

Signature of Site Evaluator: _____ **Print Name:** Thalia Rivas

License Number: OS0036382 **Expiration Date:** 08-31-2027

STATE OF TEXAS
THALIA RIVAS
5067
REGISTERED
PROFESSIONAL SANITARIAN

OWNER: MEDIATECH LLC
LEGAL DESCRIPTION: CANYON LAKE VILLAGE UNIT 3, LOT 18
ADDRESS: 1573 TRAIL PASS DR. CANYON LAKE TX 78133
PREPARED BY: THALIA RIVAS RS 5067 SCALE: 1" =25'

VOID

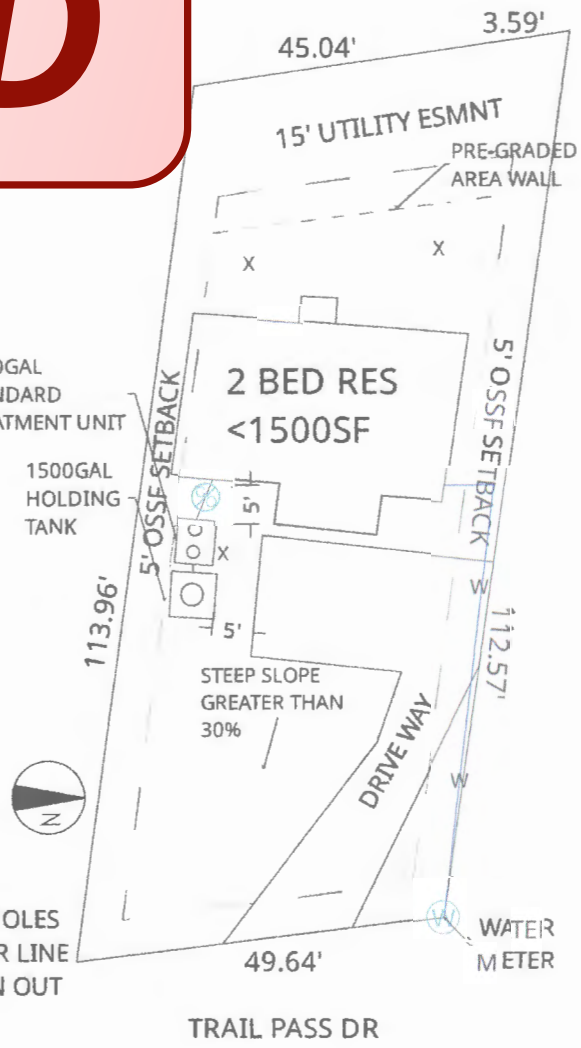
THE SLOPE OF THE PIPE FROM THE BUILDING TO THE TREATMENT SYSTEM SHALL BE NO LESS THAN 1/8" FALL PER FOOT OF PIPE.

USE TWO WAY CLEAN OUT SCH 40 OR SDR 26 FROM BUILDING TO TREATMENT UNIT.

HOLDING TANKS SHALL BE EQUIPPED WITH AN AUDIBLE AND VISIBLE ALARM TO INDICATE WHEN THE TANK HAS BEEN FILLED TO WITHIN 75% OF ITS RATED CAPACITY.

LOCATION. HOLDING TANKS SHALL BE INSTALLED IN AN AREA REDILY ACCESSIBLE TO PUMP TRUCK UNDER ALL WEATHER CONDITIONS.

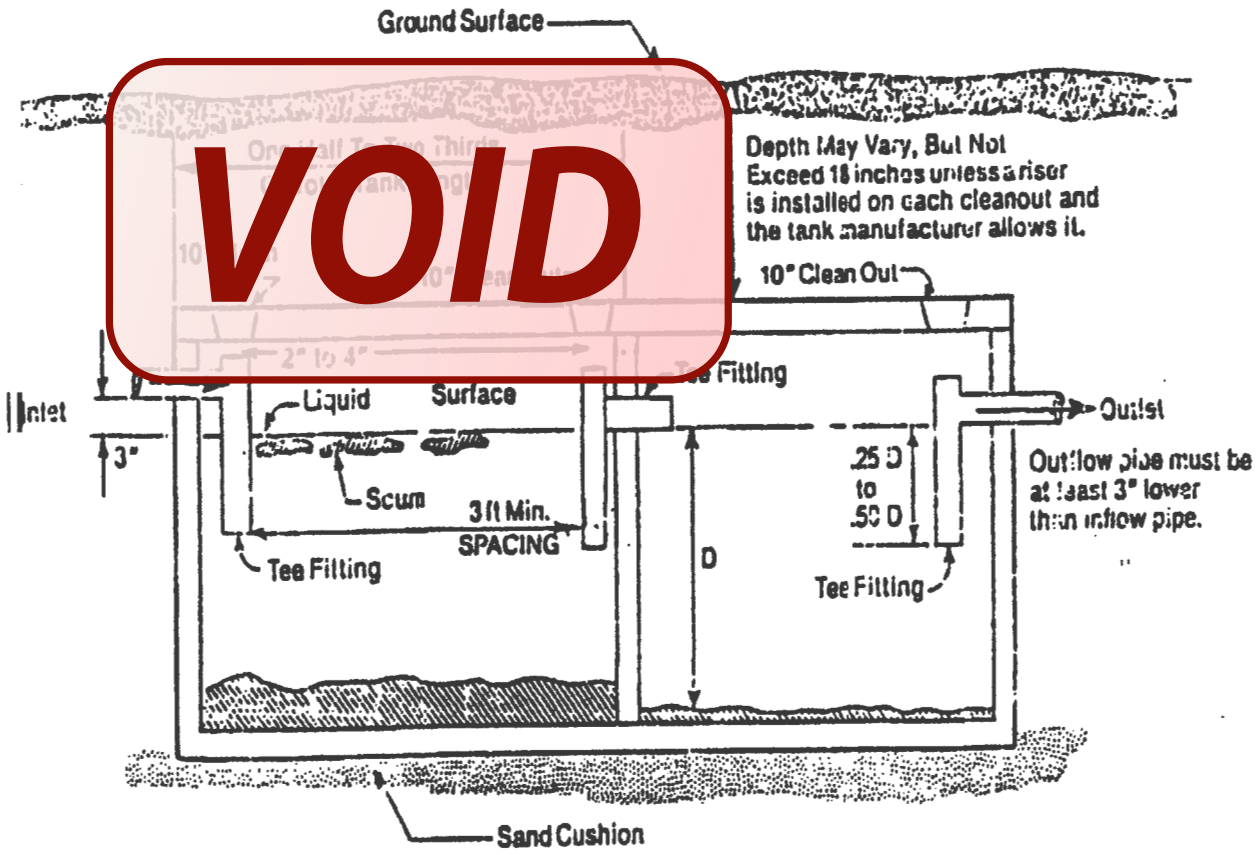
NOTE: SITE TOPOGRAPHY AND LOT SIZE DOES NOT ALLOW FOR DRAINFIELD. LOT IS SMALL.



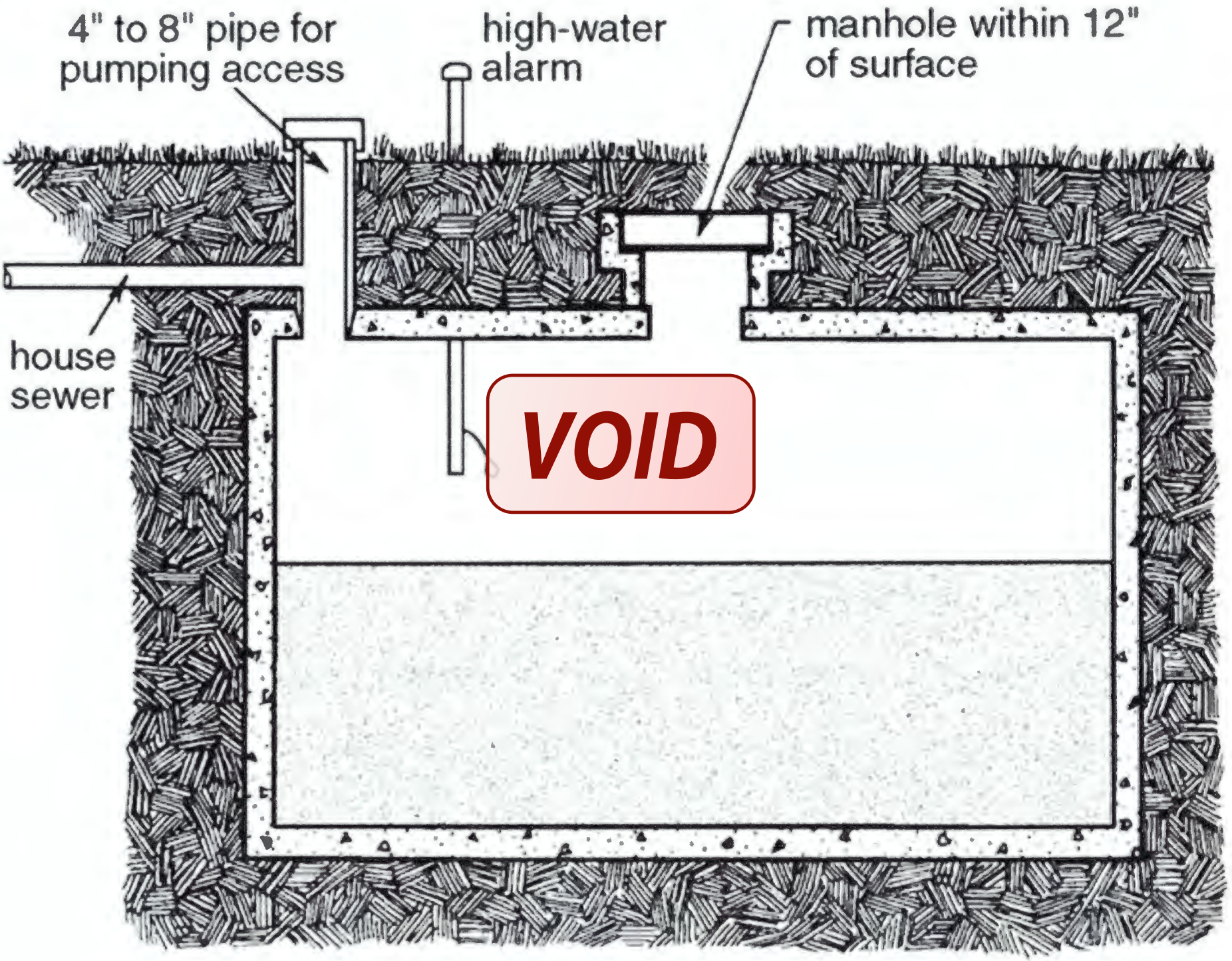
STATE OF TEXAS
THALIA RIVAS
5067
REGISTERED
PROFESSIONAL SANITARIAN

FIGURE 1

TWO COMPARTMENT SEPTIC TANK



Not intended to serve as an engineered design for construction purposes


4" to 8" pipe for pumping access
high-water alarm
manhole within 12" of surface
house sewer
VOID

From: Ritzen,Brenda
To: moiav@hotmail.com; Thalia Rivas
Subject: RE: Permit 118693
Date: Thursday, June 19, 2025 10:27:00 AM
Attachments: image001.png

Owner / Agent :

In addition to the item in the below email request the following is also needed:

1. **Show separation distance from the tanks to the steep slopes.**
2. **Holding tank detail needs to show the location and height of the alarm setting at 75% of the tanks rated capacity.**
3. **Risers will be needed on the tank lids.**
4. **A preliminary inspection is scheduled for tomorrow. Additional comments may be necessary once complete.**
5. **Revise as needed and resubmit.**

Thank you,

COMAL COUNTY TEXAS

Brenda Ritzen
Environmental Health Coordinator
195 David Jonas Dr.
New Braunfels, TX 78132
DR:OS00007722
830-608-2090
www.cceo.org

From: Ritzen,Brenda
Sent: Monday, June 16, 2025 4:20 PM
To: moiav@hotmail.com; Thalia Rivas <rs.tr@ossfdesigns.com>
Subject: Permit 118693

Re: Mediatech LLC
Canyon Lake Village Unit 3 Lot 16
Application for Permit for Authorization to Construct an On-Site

From: Ritzen,Brenda
To: "moiav@hotmail.com"; Thalia Rivas
Subject: Permit 118693
Date: Monday, June 16, 2025 4:20:00 PM
Attachments: image001.png

Re: Mediatech LLC
Canyon Lake Village Unit 3 Lot 16
Application for Permit for Authorization to Construct an On-Site Sewage Facility (OSSF)

Owner / Agent :

The following information is needed before I can continue processing the referenced permit submittal:

1. **A scheduled pumping contract with a TCEQ registered waste transporter must be submitted. (Pumping records must be retained for 5 years)**
2. **Revise as needed and resubmit.**

Thank you,

COMAL COUNTY TEXAS

Brenda Ritzen
Environmental Health Coordinator
195 David Jonas Dr.
New Braunfels, TX 78132
DR:OS00007722
830-608-2090
www.cceo.org

RECEIVED
By Kathy Griffin at 11:25 am, May 28, 2025

COMAL COUNTY
ENGINEER'S OFFICE

OSSF DEVELOPMENT APPLICATION CHECKLIST

Staff will complete shaded items

Date Received	Initials	Permit Number
		118693

Instructions:

Place a check mark next to all items that apply. For items that do not apply, place "N/A". This OSSF Development Application Checklist **must** accompany the completed application.

OSSF Permit

- [X] Completed Application for Permit for Authorization to Construct an On-Site Sewage Facility and License to Operate
- [X] Site/Soil Evaluation Completed by a Certified Site Evaluator or a Professional Engineer
- [X] Planning Materials of the OSSF as Required by the TCEQ Rules for OSSF Chapter 285. Planning Materials shall consist of a scaled design and all system specifications.
- [X] Required Permit Fee - See Attached Fee Schedule
- [X] Copy of Recorded Deed
- [ ] Surface Application/Aerobic Treatment System
  - [ ] Recorded Certification of OSSF Requiring Maintenance/Affidavit to the Public
  - [ ] Signed Maintenance Contract with Effective Date as Issuance of License to Operate

I affirm that I have provided all information required for my OSSF Development Application and that this application constitutes a completed OSSF Development Application.

Signature of Applicant

MAY 26th, 2025
Date

___ COMPLETE APPLICATION

Check No. _____ Receipt No._____

___ INCOMPLETE APPLICATION
(Missing Items Circled, Application Refused)

Revised September 2019