

Comal County Environmental Health

OSSF Inspection Sheet

Installer Name: _____

OSSF Installer #: _____

1st Inspection Date: _____

2nd Inspection Date: _____

3rd Inspection Date: _____

Inspector Name: _____

Inspector Name: _____

Inspector Name: _____

Permit#:

Address:

No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
1	SITE AND SOIL CONDITIONS & SETBACK DISTANCES Site and Soil Conditions Consistent with Submitted Planning Materials		285.31(a) 285.30(b)(1)(A)(iv) 285.30(b)(1)(A)(v) 285.30(b)(1)(A)(iii) 285.30(b)(1)(A)(ii) 285.30(b)(1)(A)(i)				
2	SITE AND SOIL CONDITIONS & SETBACK DISTANCES Setback Distances Meet Minimum Standards		285.91(10) 285.30(b)(4) 285.31(d)				
3	SEWER PIPE Proper Type Pipe from Structure to Disposal System (Cast Iron, Ductile Iron, Sch. 40, SDR 26)		285.32(a)(1)				
4	SEWER PIPE Slope from the Sewer to the Tank at least 1/8 Inch Per Foot		285.32(a)(3)				
5	SEWER PIPE Two Way Sanitary - Type Cleanout Properly Installed (Add. C/O Every 100' &/or 90 degree bends)		285.32(a)(5)				
6	PRETREATMENT Installed (if required) TCEQ Approved List PRETREATMENT Septic Tank(s) Meet Minimum Requirements		285.32(b)(1)(G) 285.32(b)(1)(E)(iii) 285.32(b)(1)(E)(iv) 285.32(b)(1)(F) 285.32(b)(1)(B) 285.32(b)(1)(C)(i) 285.32(b)(1)(C)(ii) 285.32(b)(1)(D) 285.32(b)(1)(E) 285.32(b)(1)(A) 285.32(b)(1)(E)(ii)(II) 285.32(b)(1)(E)(i) 285.32(b)(1)(E)(ii)(I)				
7	PRETREATMENT Grease Interceptors if required for commercial		285.34(d)				

Inspector Notes:

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No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
8	SEPTIC TANK Tank(s) Clearly Marked SEPTIC TANK If Single Tank, 2 Compartments Provided with Baffle SEPTIC TANK Inlet Flowline Greater than 3" and " T " Provided on Inlet and Outlet SEPTIC TANK Septic Tank(s) Meet Minimum Requirements		285.32(b)(1) (E) 285.91(2) 285.32(b)(1) (F) 285.32(b)(1)(E) (iii) 285.32(b)(1)(E)(ii) (II) 285.32(b)(1)(E)(ii) (I) 285.32(b)(1)(E) (i) 285.32(b)(1) (D) 285.32(b)(1)(C) (ii) 285.32(b)(1)(C) (i) 285.32(b)(1) (B) 285.32(b)(1) (A) 285.32(b)(1)(E)(iv)				
9	ALL TANKS Installed on 4" Sand Cushion/ Proper Backfill Used		285.32(b)(1)(F) 285.32(b)(1)(G) 285.34(b)				
10	SEPTIC TANK Inspection / Clean Out Port & Risers Provided on Tanks Buried Greater than 12" Sealed and Capped		285.38(d)				
11	SEPTIC TANK Secondary restraint system provided SEPTIC TANK Riser permanently fastened to lid or cast into tank SEPTIC TANK Riser cap protected against unauthorized intrusions		285.38(d) 285.38(e)				
12	SEPTIC TANK Tank Volume Installed						
13	PUMP TANK Volume Installed						
14	AEROBIC TREATMENT UNIT Size Installed						
15	AEROBIC TREATMENT UNIT Manufacturer AEROBIC TREATMENT UNIT Model Number						
16	DISPOSAL SYSTEM Absorptive		285.33(a)(4) 285.33(a)(1) 285.33(a)(2) 285.33(a)(3)				
17	DISPOSAL SYSTEM Leaching Chamber		285.33(a)(1) 285.33(a)(3) 285.33(a)(4) 285.33(a)(2)				
18	DISPOSAL SYSTEM Evapo-transpirative		285.33(a)(3) 285.33(a)(4) 285.33(a)(1) 285.33(a)(2)				

**Comal County Environmental Health
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No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
19	DISPOSAL SYSTEM Drip Irrigation		285.33(c)(3)(A)-(F)				
20	DISPOSAL SYSTEM Soil Substitution		285.33(d)(4)				
21	DISPOSAL SYSTEM Pumped Effluent		285.33(a)(4) 285.33(a)(3) 285.33(a)(1) 285.33(a)(2)				
22	DISPOSAL SYSTEM Gravelless Pipe		285.33(a)(3) 285.33(a)(2) 285.33(a)(4) 285.33(a)(1)				
23	DISPOSAL SYSTEM Mound		285.33(a)(3) 285.33(a)(1) 285.33(a)(2) 285.33(a)(4)				
24	DISPOSAL SYSTEM Other (describe) (Approved Design)		285.33(d)(6) 285.33(c)(4)				
25	DRAINFIELD Absorptive Drainline 3" PVC or 4" PVC						
26	DRAINFIELD Area Installed						
27	DRAINFIELD Level to within 1 inch per 25 feet and within 3 inches over entire excavation		285.33(b)(1)(A)(v)				
28	DRAINFIELD Excavation Width DRAINFIELD Excavation Depth DRAINFIELD Excavation Separation DRAINFIELD Depth of Porous Media DRAINFIELD Type of Porous Media						
29	DRAINFIELD Pipe and Gravel - Geotextile Fabric in Place		285.33(b)(1)(E)				
30	DRAINFIELD Leaching Chambers DRAINFIELD Chambers - Open End Plates w/Splash Plate, Inspection Port & Closed End Plates in Place (per manufacturers spec.)		285.33(c)(2)				
31	LOW PRESSURE DISPOSAL SYSTEM Adequate Trench Length & Width, and Adequate Separation Distance between Trenches		285.33(d)(1)(C)(i)				

**Comal County Environmental Health
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No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
32	EFFLUENT DISPOSAL SYSTEM Utilized Only by Single Family Dwelling EFFLUENT DISPOSAL SYSTEM Topographic Slopes < 2.0% EFFLUENT DISPOSAL SYSTEM Adequate Length of Drain Field (1000 Linear ft. for 2 bedrooms or Less & an additional 400 ft. for each additional bedroom) EFFLUENT DISPOSAL SYSTEM Lateral Depth of 18 inches to 3 ft. & Vertical Separation of 1ft on bottom and 2 ft. to restrictive horizon and ground water respectfully EFFLUENT DISPOSAL SYSTEM Lateral Drain Pipe (1.25 - 1.5" dia.) & Pipe Holes (3/16 - 1/4" dia. Hole Size) 5 ft. Apart		285.33(b)(3)(A) 285.33(b)(3)(A) 285.33(b)(3)(B)285.91(13) 285.33(b)(3)(D) 285.33(b)(3)(F)				
33	AEROBIC TREATMENT UNIT Is Aerobic Unit Installed According to Approved Guidelines.		285.32(c)(1)				
34	AEROBIC TREATMENT UNIT Inspection/Clean Out Port & Risers Provided AEROBIC TREATMENT UNIT Secondary restraint system provided AEROBIC TREATMENT UNIT Riser permanently fastened to lid or cast into tank AEROBIC TREATMENT UNIT Riser cap protected against unauthorized intrusions						
35	AEROBIC TREATMENT UNIT Chlorinator Properly Installed with Chlorine Tablets in Place.						
36	PUMP TANK Is the Pump Tank an approved concrete tank or other acceptable materials & construction PUMP TANK Sampling Port Provided in the Treated Effluent Line PUMP TANK Check Valve and/or Anti- Siphon Device Present When Required PUMP TANK Audible and Visual High Water Alarm Installed on Separate Circuit From Pump						
37	PUMP TANK Inspection/Clean Out Port & Risers Provided PUMP TANK Secondary restraint system provided PUMP TANK Riser permanently fastened to lid or cast into tank PUMP TANK Riser cap protected against unauthorized intrusions						
38	PUMP TANK Secondary restraint system provided						
39	PUMP TANK Electrical Connections in Approved Junction Boxes / Wiring Buried						

**Comal County Environmental Health
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No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
40	APPLICATION AREA Distribution Pipe, Fitting, Sprinkler Heads & Valve Covers Color Coded Purple?		285.33(d)(2)(G)(iii)(II) 285.33(d)(2)(G)(iii)(III) 285.33(d)(2)(G)(v) 285.33(d)(2)(G)(iii) 285.33(d)(2)(G)(iv) 285.33(d)(2)(G)(i) 285.33(d)(2)(G)(ii) 285.33(d)(2)(G)(iii)(I)				
41	APPLICATION AREA Low Angle Nozzles Used / Pressure is as required APPLICATION AREA Acceptable Area, nothing within 10 ft of sprinkler heads? APPLICATION AREA The Landscape Plan is as Designed		285.33(d)(2)(G) (i)285.33(d)(2) (A)285.33(d)(2)(F)				
42	APPLICATION AREA Area Installed						
43	PUMP TANK Meets Minimum Reserve Capacity Requirements						
44	PUMP TANK Material Type & Manufacturer						
45	PUMP TANK Type/Size of Pump Installed						



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: 118563
Issued This Date: 05/12/2025
This permit is hereby given to: THOMAS H. SMITH, II & JENNIFER A. SMITH

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

1205 LAKE BLF
CANYON LAKE, TX 78133

Subdivision: Beaty, Seale, & Forward Survey 909 A-795
Unit: 0
Lot: 0
Block: 0
Acreage: 3.0000

APPROVED MINIMUM SIZES AS PER ATTACHED DESIGN

Type of System: Aerobic
Surface Irrigation

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.



COMAL COUNTY
ENGINEER'S OFFICE

ON-SITE SEWAGE FACILITY APPLICATION

REVISED

10:13 am, May 12, 2025

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

Date 01/13/2025

Permit Number 118563

1. APPLICANT / AGENT INFORMATION

Owner Name Thomas H Smith II & Jennifer A Smith
Mailing Address c/o 23011 FM 306
City, State, Zip Canyon Lake, TX 78133
Phone # 830-935-4936
Email traci@psseptics.com

Agent Name GREG W. JOHNSON, P.E.
Agent Address 170 Hollow Oak
City, State, Zip New Braunfels, TX 78132
Phone # 830-905-2778
Email gregjohnsonpe@yahoo.com

2. LOCATION

Subdivision Name Lakeside Dev (unrecorded) Unit _____ Lot _____ Block _____
Survey Name / Abstract Number A0795 Beaty, Seale, and Forward S#909, A-195 Acreage 3.0
Address 1205 Lake Bluff 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 3

Indicate Sq Ft of Living Area 2194

☐ 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: \$ 400,000 (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

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.

Jennifer Smith Thomas Smith
Signature of Owner

5 Apr 25
Date



COMALCOUNTY
ENGINEER'S OFFICE

ON-SITE SEWAGE FACILITY APPLICATION

BEATY, SEALE, and FORWARD Survey No. 909, A-795, 3.0
acres

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

Planning Materials & Site Evaluation as Required Completed By GREG W. JOHNSON, P.E.

System Description PROPRIETARY; AEROBIC TREATMENT AND SURFACE IRRIGATION

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

Tank Size(s) (Gallons) MAXX AIR M600 Absorption/Application Area (Sq Ft) 5654

Gallons Per Day (As Per TCEQ Table 111) 360 DESIGN RATE

(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

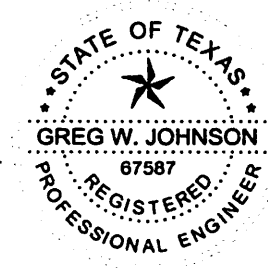
(if yes, the P.E. or R.S. shall certify that the OSSF design complies with all provisions of the existing CZP.)

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 UP has been approved by the appropriate reg

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

If yes, indicate the city: _____

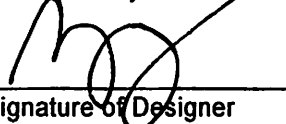


FIRM #2585

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

January 21, 2025

Date

AFFIDAVIT**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 (OSSFs), 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 commission 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 commission, under the authority of the TWC and the Texas Health and Safety code, requires owner's to provide notice to the public that certain types of OSSFs are located on specific pieces of property. To achieve this notice, the commission requires a recorded affidavit. Additionally, the owner must provide proof of the recording to the OSSF permitting authority. This recorded affidavit is not a representation or warranty by the commission of the suitability of this OSSF, nor does it constitute any guarantee by the commission 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):

_____ UNIT/PHASE/SECTION _____ BLOCK _____ LOT _____ SUBDIVISION

IF NOT IN SUBDIVISION: 3 ACREAGE BEATY, SEALE AND FORWARD SUR NO 909, ABS 795 SURVEY

The property is owned by (insert owner's full name): Thomas H Smith II & Jennifer A Smith

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.

WITNESS BY HAND(S) ON THIS 05 DAY OF APRIL, 20 25

Thomas H Smith II

Thomas H Smith II

Jennifer A Smith

Jennifer A Smith

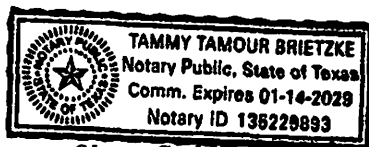
Owner(s) signature(s)

Owner (s) Printed name (s)

SWORN TO AND SUBSCRIBED BEFORE ME ON THIS 5th DAY OF

APRIL, 20 25

Tammy Tamour Brietzke
Notary Public Signature



(Notary Seal Here)

THIS AREA FOR COMAL COUNTY CLERK RECORDING PURPOSES ONLY

Filed and Recorded
Official Public Records
Bobbie Koepp, County Clerk
Comal County, Texas
04/14/2025 09:26:07 AM
TERRI 1 Pages(s)
202506010585



Bobbie Koepp

WASTEWATER TREATMENT FACILITY MONITORING AGREEMENT

Regulatory Authority _____
Block Creek Aerobic Services, LLC
444 A Old Hwy #9
Comfort, TX 78013
Off. (830) 995-3189
Fax. (830) 995-4051

Permit/License Number _____
Customer Thomas H Smith II & Jennifer A Smith
Site Address 1205 Lake Bluff
City Canyon Lake, TX Zip 78133
Mailing Address _____
County Comal Map # _____
Phone _____
Email _____

I. General: This Work for Hire Agreement (hereinafter referred to as "Agreement") is entered into by and between Thomas H Smith II & Jennifer A Smith (hereinafter referred to as "Customer") and Block Creek Aerobic Services, LLC. By this agreement, Block Creek Aerobic Services, LLC and its employees (hereinafter inclusively referred to as "Contractor") agree to render services at the site address stated above, as described herein, and the Customer agrees to fulfill his/her/their responsibilities, as described herein.

II. Effective Date:

This Agreement commences on LTO and ends on 2 YEARS FROM LTO for a total of two (2) years (initial agreement) or one (1) year (thereafter). If this is an initial agreement (new installation), the Customer shall notify the Contractor within two (2) business days of the system's first use to establish the date of commencement. If no notification is received by Contractor within ninety (90) days after completion of installation or where county authority mandates, the date of commencement will be the date the "License to operate" (Notice of Approval) was issued by the permitting authority. This agreement may or may not commence at the same time as any warranty period of installed equipment, but in no case shall it extend the specified warranty.

III. Termination of Agreement:

This Agreement may be terminated by either party for any reason, including for example, substantial failure of either party to perform in accordance with the terms of this Agreement, without fault or liability of the terminating party. The terminating party must provide written notice to the non-terminating party thirty (30) days prior to the termination of this Agreement. If this Agreement is terminated, Contractor will be paid at the rate of \$75.00 per hour for any work performed and for which compensation has not been received. After the deduction of all outstanding charges, any remaining monies from prepayment for services will be refunded to customer within thirty (30) days of termination of this Agreement. Either party terminating this Agreement for any reason, including non-renewal, shall notify in writing the equipment manufacturer and the appropriate regulatory agency a minimum of thirty (30) days prior to the date of such termination. Nonpayment of any kind shall be considered breach of contract and a termination of contract.

IV. Services:

Contractor will:

- a. Inspect and perform routine upkeep on the On-Site Sewage Facility (hereinafter referred to as OSSF) as recommended by the treatment system manufacturer, and required by state and/or local regulation, for a total of three visits to site per year. The list of items checked at each visit shall be the: control panel, Electrical circuits, timer, Aeration including compressor and diffusers, CFM/PSI measured, lids safety pans, pump, compressor, sludge levels, and anything else required as per the manufacturer.
- b. Provide a written record of visits to the site by means of an inspection tag attached to or contained in the control panel.
- c. Repair or replace, if Contractor has the necessary materials at site, any component of the OSSF found to be failing or inoperative during the course of a routine monitoring visit. If such services are not covered by warranty, and the service(s) cost less than \$100.00, Customer hereby authorizes Contractor to perform the service(s) and bill Customer for said service(s). When service costs are greater than \$100.00, or if contractor does not have the necessary supplies at the site, Contractor will notify Customer of the required service(s) and the associated cost(s). Customer must notify Contractor of arrangements to affect repair of system with in two (2) business days after said notification.
- d. Provide sample collection and laboratory testing of TSS and BOD on a yearly basis (commercial systems only).
- e. Forward copies of this Agreement and all reports to the regulatory agency and the Customer.
- f. Visit site in response to Customer's request for unscheduled services within forty-eight (48) hours of the date of notification (weekends and holidays excluded) of said request. Unless otherwise covered by warranty, costs for such unscheduled responses will be billed to Customer.

V. Disinfection:

JS HL

Customer's Initials



RC

Contractor's Initials

____ Not required; X required. The responsibility to maintain the disinfection device(s) and provide any necessary chemicals is that of the Customer.

VI. Electronic Monitoring:

Electronic Monitoring is not included in this Agreement.

VII. Performance of Agreement:

Commencement of performance by Contractor under this Agreement is contingent on the following conditions:

a. If this is an initial Agreement (new installation):

1. Contractor's receipt of a fully executed original copy or facsimile of this agreement and all documentation requested by Contractor.

If the above conditions are not met, Contractor is not obligated to perform any portion of this Agreement.

VIII. Customer's Responsibilities:

The customer is responsible for each and all of the following:

a. Provide all necessary yard or lawn maintenance and removal of all obstacles, including but not limited to dogs and other animals, vehicles, trees, brush, trash, or debris, as needed to allow the OSSF to function properly, and to allow Contractor safe and easy access to all parts of the OSSF.

b. Protect equipment from physical damage including but not limited to that damage caused by insects.

c. Maintain a current license to operate, and abide by the conditions and limitations of that license, and all requirements for and OSSF from the State and/or local regulatory agency, whichever requirements are more stringent, as well as the proprietary system's manufacturer recommendations.

d. Notify Contactor immediately of any and all alarms, and/or any and all problems with, including failure of, the OSSF.

e. Provide, upon request by Contractor, water usage records for the OSSF so that the Contractor can perform a proper evaluation of the performance of the OSSF.

f. Allow for samples at both the inlet and outlet of the OSSF to be obtained by Contractor for the purpose of evaluating the OSSF's performance. If these samples are taken to a laboratory for testing, with the exception of the service provided under Section IV (d) above, Customer agrees to pay Contractor for the sample collection and transportation, portal to portal, at a rate of \$35.00 per hour, plus the associated fees for laboratory testing.

g. Prevent the backwash or flushing of water treatment or conditioning equipment from entering the OSSF.

h. Prevent the condensation from air conditioning or refrigeration units, or the drains of icemakers, from hydraulically overloading the aerobic treatment units. Drain lines may discharge into the surface application pump tank if approved by system designer.

i. Provide for pumping and cleaning of tanks and treatment units, when and as recommended by Contactor, at Customer's expense.

j. Maintain site drainage to prevent adverse effects on the OSSF.

k. Pay promptly and fully, all Contractor's fees, bills, or invoices as described herein.

IX. Access by Contractor:

Contractor is hereby granted an easement to the OSSF for the purpose of performing services described herein. Contractor may enter the property during Contractor's normal business hours and/or other reasonable hours without prior notice to Customer to perform the Services and/or repairs described herein. Contractor shall have access to the OSSF electrical and physical components. Tanks and treatment units shall be accessible by means of man ways, or risers and removable covers, for the purpose of evaluation as required by State and/or local rules and the proprietary system manufacturer. It is Customers responsibility to keep lids exposed and accessible at all times.

X. Limit of Liability:

Contractor shall not be held liable for any incidental, consequential, or special damages, or for economic loss due to expense, or for loss of profits or income, or loss of use to Customer, whether in contract tort or any other theory. In no event shall Contractor be liable in an amount exceeding the total Fee for Services amount paid by Customer under this Agreement.

XI. Indemnification:

Customer (whether one or more) shall and does hereby agree to indemnify, hold harmless and defend Contractor and each of its successors, assigns, heirs, legal representatives, devisees, employees, agents and/or counsel (collectively "Indemnitees") from and against any and all liabilities, claims, damages, losses, liens, causes of action, suits, fines, judgments and other expenses (including, but not limited to, attorneys' fees and expenses and costs of investigation), of any kind, nature or description, (hereinafter collectively referred to as "Liabilities") arising out of, caused by, or resulting, in whole or in part, from this Agreement.

GS. 710

Customer's Initials



RC

Contractor's Initials

THIS INDEMNIFICATION APPLIES EVEN IF SUCH LIABILITIES ARE CAUSED BY THE CONCURRENT OR CONTRIBUTORY NEGLIGENCE OR BY THE STRICT LIABILITY OF ANY INDEMNITEE.

Customer hereby waives its right of recourse as to any Indemnatee when Indemnification applies, and Customer shall require its insurer(s) to waive its/their right of subrogation to the extent such action is required to render such waiver of subrogation effective. Customer shall be subrogated to Indemnitees with respect to all rights Indemnitees may have against third parties with respect to matters as to which Customer provides indemnity and/or defense to Indemnitees. No Indemnification is provided to Indemnitees when the liability or loss results from (1) the sole responsibility of such Indemnatee; or, (2) the willful misconduct of such Indemnatee. Upon irrevocable acceptance of this Indemnification obligation, Customer, in its sole discretion, shall select and pay counsel to defend Indemnitees of and from any action that is subject to this Indemnification provision. Indemnitees hereby covenant not to compromise or settle any claim or cause of action for which Customer has provided Indemnification without the consent of Customer.

XII. Severability:

If any provision of the "Proposal and Contract" shall be held to be invalid or unenforceable for any reason, the remaining provisions shall continue to be valid and enforceable. If a court finds that any provision of the "Agreement" is invalid or unenforceable, but that 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.

XIII. Fee for Services:

The Fee for Services does not include any fees for equipment, material, labor necessary for non-warranty repairs, unscheduled inspections, or Customer requested visits to the site.

XIV. Payment:

Full payment is due upon execution of this Agreement (Required of new Customer). For any other service(s) or repair(s) provided by Contractor the Customer shall pay the invoice(s) for said service(s) or repair(s) within thirty (30) days of the invoice date. The Contractor shall mail all invoices on the date of invoice. All payments not received within thirty (30) days from the invoice date will be subject to a \$29.00 late penalty and a 1.5% per month carrying charge, as well as any reasonable attorney's fees, and all collection and court costs incurred by Contractor in collection of unpaid debt(s). Contractor may terminate contract at any time for nonpayment for services. Any check returned to Contractor for any reason will be assessed a \$30.00 return check fee.

XV. Application or Transfer of payment:

The fees paid for this agreement may be transferred to subsequent property owner(s); however, this Agreement is not transferable. Customer shall advise the subsequent property owner(s) of the State requirement that they sign a replacement agreement authorizing Contractor to perform the herein described Services, and accepting Customer's Responsibilities. This replacement Agreement must be signed and received in Contractor's offices within ten (10) business days of date of transfer of property ownership. Contractor will apply all funds received from Customer first to any past due obligation arising from this Agreement including late fees or penalties, return check fees, and/or charges for services or repairs not paid within thirty (30) days of invoice date. Any remaining monies shall be applied to the funding of the replacement Agreement. The consumption of funds in this manner may cause a reduction in the termination date of effective coverage per this Agreement. See Section IV.

XVI. Entire Agreement:

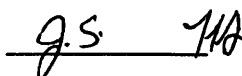
This agreement contains the entire Agreement of the parties, and there are no other conditions in any other agreement, oral or written.


Rudy Carson

Block Creek Aerobic Services, LLC,
Contractor
MP# 0002036


Customer Signature

4/5/25
Date



Customer's Initials



RC

Contractor's Initials

ON-SITE SEWERAGE FACILITY SOIL EVALUATION REPORT INFORMATION

Date Soil Survey Performed: January 20, 2025

Site Location: 3.00 ACRES - SEE ATTACHED DEED

Proposed Excavation Depth: N/A

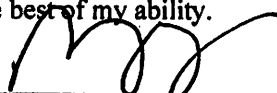
Requirements:

At least two soil excavations must be performed on the site, at opposite ends of the proposed disposal area.
Locations of soil boring or dug pits must be shown on the site drawing.
For subsurface disposal, soil evaluations must be performed to a depth of at least two feet below the proposed excavation depth. For surface disposal, the surface horizon must be evaluated.
Describe each soil horizon and identify any restrictive features on the form. Indicate depths where features appear.

SOIL BORING NUMBER <u> </u> SURFACE EVALUATION						
Depth (Feet)	Texture Class	Soil Texture	Gravel Analysis	Drainage (Mottles/ Water Table)	Restrictive Horizon	Observations
0	III	CLAY LOAM	N/A	NONE OBSERVED	LIMESTONE @ 10"	BROWN
10"						
1						
2						
3						
4						
5						

SOIL BORING NUMBER <u> </u> SURFACE EVALUATION						
Depth (Feet)	Texture Class	Soil Texture	Gravel Analysis	Drainage (Mottles/ Water Table)	Restrictive Horizon	Observations
0	SAME		AS		ABOVE	
1						
2						
3						
4						
5						

I certify that the findings of this report are based on my field observations and are accurate to the best of my ability.



Greg W. Johnson, P.E. 67587-F2585, S.E. 11561

01/20/25

Date

OSSF SOIL EVALUATION REPORT INFORMATION

#118563

Date: January 21, 2025

Applicant Information:

THOMAS H. SMITH II & JENNIFER A.

Name: SMITH
Address: c/o 23011 F.M. 306
City: CANYON LAKE State: TEXAS
Zip Code: 78133 Phone: (830) 935-4936

Site Evaluator Information:

Name: Greg W. Johnson, P.E., R.S., S.E. 11561
Address: 170 Hollow Oak
City: New Braunfels State: Texas
Zip Code: 78132 Phone & Fax: (830) 905-2778

Property Location:

Lot SEE BELOW Unit Blk Subd.
Street Address: 1205 LAKE BLUFF
City: CANYON LAKE Zip Code: 78133

Additional Info.: **3.00 ACRES - SEE ATTACHED DEED**

Installer Information:

Name:
Company:
Address:
City: State:
Zip Code: Phone

REVISED

9:24 am, May 16, 2025

Topography: Slope within proposed disposal area: GENERALLY LEVEL %

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

Design Calculations for Aerobic Treatment with Spray Irrigation:

Commercial

Q = GPD

Residential Water conserving fixtures to be utilized? Yes X No

Number of Bedrooms the septic system is sized for: 3 Total sq. ft. living area 2194

Q gal/day = (Bedrooms + 1) * 75 GPD - (20% reduction for water conserving fixtures)

Q = (3 + 1) * 75 - (20%) = 240 (360 Design)

NOTE: 3 BDRM RES. @ 240

Trash Tank Size 353 Gal.

TCEQ Approved Aerobic Plant Size 600 G.P.D.

Req'd Application Area = Q/Ri = 360 / 0.064 = 5625 sq. ft.

Application Area Utilized = 5654 sq. ft.

Pump Requirement 12 Gpm @ 41 Psi (Redjacket 0.5 HP 18 G.P.M. series or equivalent)

Dosing Cycle: ON DEMAND or X TIMED TO DOSE IN PREDAWN HOURS

Pump Tank Size = 768 Gal. 14.5 Gal./inch.

Reserve Requirement = 170 Gal. 1/3 day flow.

Alarms: Audible & Visual High Water Alarm & Visual Air Pump malfunction

With Chlorinator NSF/TCEQ APPROVED

SCH-40 or SDR-26 3" or 4" sewer line to tank

Two way cleanout

Pop-up rotary sprinkler heads w/ purple non-potable lids

1" Sch-40 PVC discharge manifold

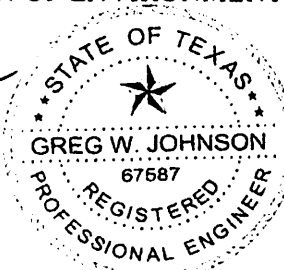
APPLICATION AREA SHOULD BE SEEDED AND MAINTAINED WITH VEGETATION.

EXPOSED ROCK WILL BE COVERED WITH SOIL.

I HAVE PERFORMED A THOROUGH INVESTIGATION BEING A REGISTERED PROFESSIONAL ENGINEER 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)

GREG W. JOHNSON, P.E. F#002585 - S.E. 11561

01/21/25
DATE



FIRM #2585

3.00 ACRES
SEE ATTACHED DEED

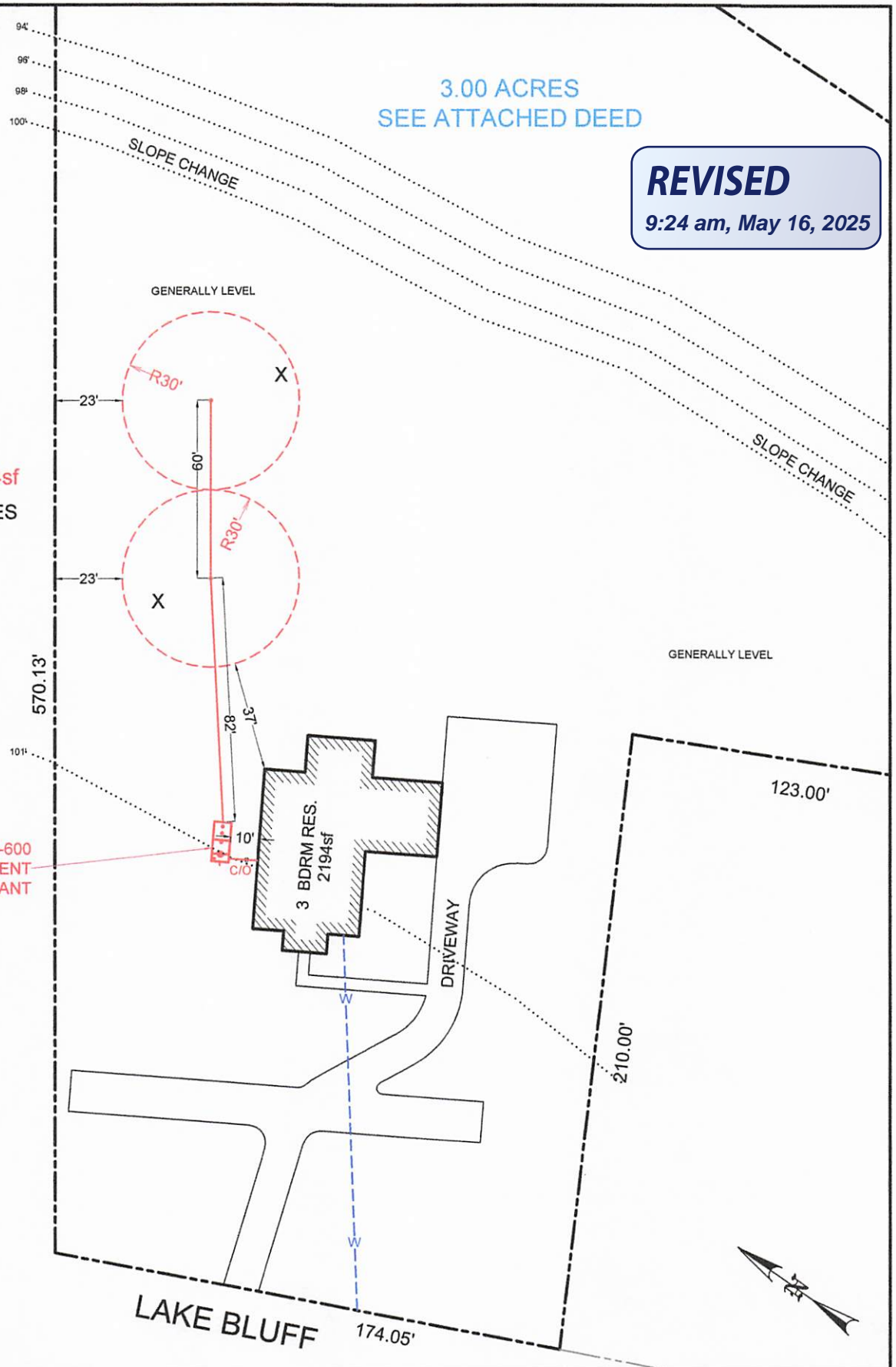
REVISED

9:24 am, May 16, 2025

SPRAY AREA = 5654sf

X= TEST HOLES

MAXX AIR M-600
AEROBIC TREATMENT
PLANT



OWNER:	THOMAS H. SMITH II & JENNIFER A. SMITH			DRAWN BY:	EJS III	
STREET ADDRESS:	1205 LAKE BLUFF					
LEGAL DESC:	SEE ATTACHED DEED				ACREAGE:	3.00
PREPARED BY:	GREG W. JOHNSON, P.E. F#002585	SCALE:	1"=50'	DATE:	1/21/2025	4th REVISION: 5/15/2025

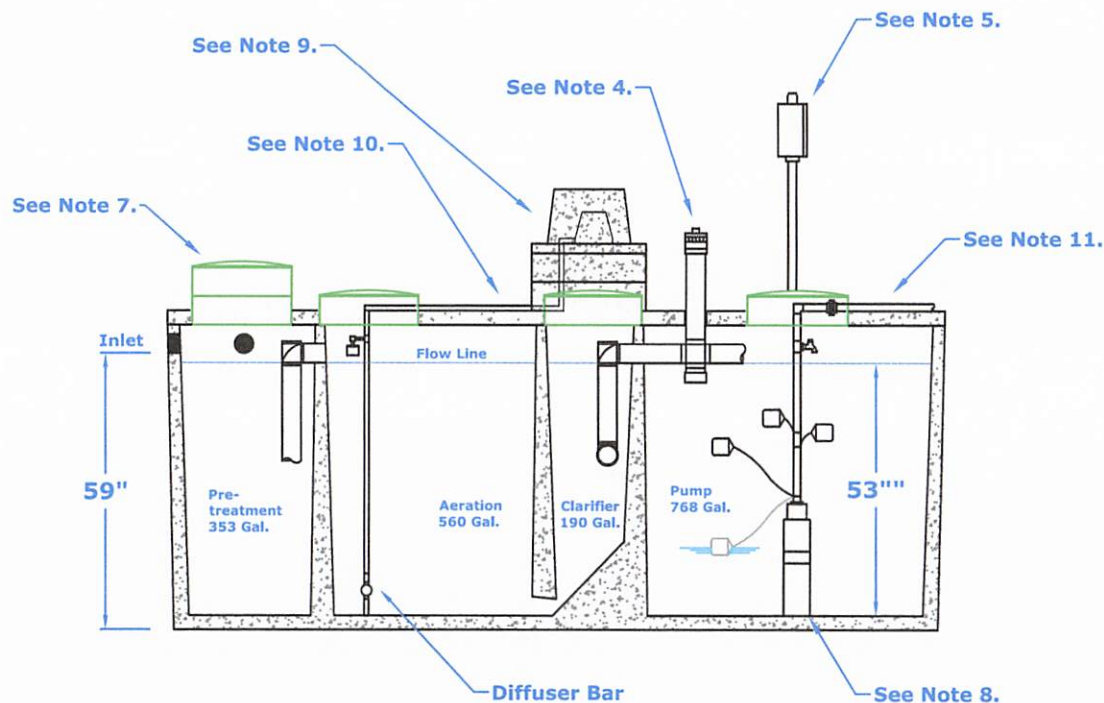
9:24 am, May 16, 2025



OWNER: THOMAS H. SMITH II & JENNIFER A. SMITH			DRAWN BY: EJS III	
STREET ADDRESS: 1205 LAKE BLUFF				
LEGAL DESC: SEE ATTACHED DEED			ACREAGE: 3.00	
PREPARED BY: GREG W. JOHNSON, P.E. F#002585	SCALE: 1"=80'	DATE: 1/21/2025	4th REVISION: 5/15/2025	

GENERAL NOTES:

1. Plant structure material to be precast concrete and steel.
2. Weight = 14,900 lbs.
3. Treatment capacity is 600 GPD. BOD Loading = 1.62 lbs. per day.
4. Standard tablet chlorinator or Optional Liquid chlorinator. NSF approved chlorinators (tablet & liquid) available.
5. Control Center w/ Timer for night spray application.
6. 20" Ø access riser w/ lid (Typical 4). Optional extension risers available.
7. 20 GPM 1/2 HP, high head effluent pump.
8. Air Compressor w/ concrete housing.
9. 1/2" Sch. 40 PVC Air Line (Max. 50 Lft from Plant).
10. 1" Sch. 40 PVC pipe to distribution system provided by contractor.



DIMENSIONS:

Outside Height: 67"
Outside Width: 63"
Outside Length: 164"

MINIMUM EXCAVATION DIMENSIONS:

Width: 76"
Length: 176"



Maxx Air M-600 (600 GPD) Aerobic Treatment Plant (Assembled)

Dec, 2013
By: A.S.

Scale:
* All Dimensions subject to allowable specification tolerances.

Dwg. #: ADV-B550-3

Advantage
Wastewater Solutions LLC

Advantage Wastewater Solutions LLC.
444 A Old Hwy No 9
Comfort, TX 78013
830-995-3189
fax 830-995-4051

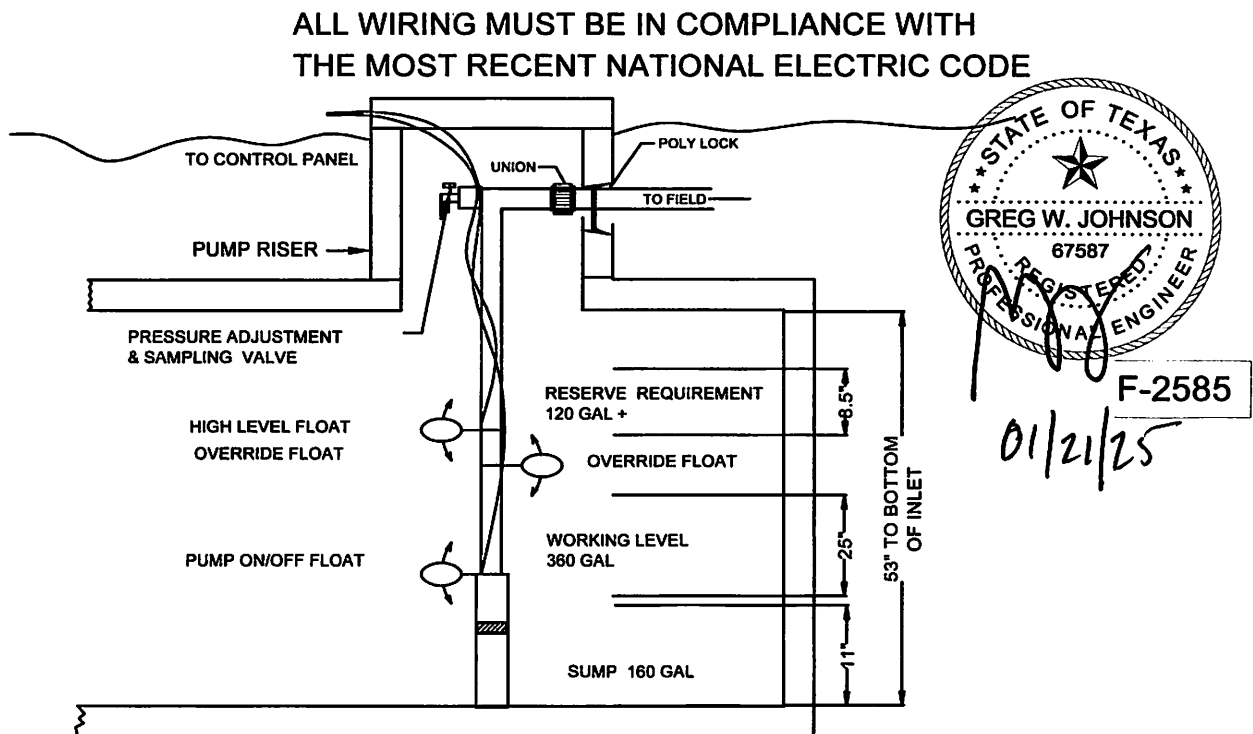
TANK NOTES:

Tanks must be set to allow a minimum of 1/8" per foot fall from the residence.

Tightlines to the tank shall be SCH-40 PVC.

A two way sanitary tee is required between residence and tank.

A minimum of 4" of sand, sandy loam, clay loam free of rock shall be placed under and around tanks



**TYPICAL PUMP TANK CONFIGURATION
MAXX AIR M600 - 768 GAL PUMP TANK**

CISTERN PUMPS

CPM Series

Ashland Pump – CPM Series

The Ashland Pump CPM Series is designed to operate in filtered effluent/gray water applications. The bottom suction design allows for maximum drawdown of fluid and the hydraulic stages are able to pass 1/8" solids without damage to the pump.

Installations in cistern tanks, rain basin catchments or anywhere drawdown levels need to be maximized are ideal applications for the Ashland Pump CPM Series.

APPLICATIONS

- Filtered Effluent Water Pumping
- Gray Water Pumping
- Water Feature / Aeration Applications
- Rain Water Basin Applications

FEATURES

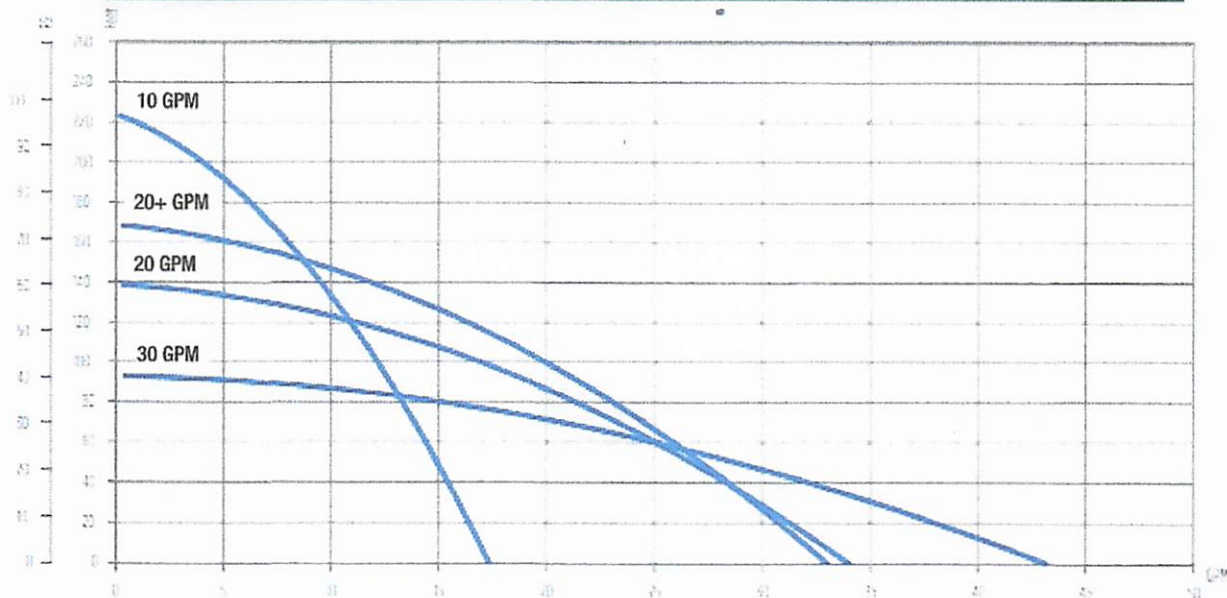
- Bottom suction design for maximum drawdown
- Able to pass 1/8" solids
- Available in 10, 20 and 30 GPM flow rates
- 1/2 HP, 115V and 230V single phase motors
- Heavy duty discharge with stainless steel internal threads
- 600 Volt, 10' SJOOW jacketed lead
- High shut-off pressure
- Quiet operation
- Standard removable base for stable mounting

ORDERING INFORMATION

CPM SERIES CISTERN PUMP						
Model/Order No.	GPM	HP	Voltage/Ph.	Stage Count	Length (in.)	Shipping Wt. (lbs.)
10CPM5-115	10	1/2	115/1	7	26	17
10CPM5-230	10		230/1	7	26	17
20CPM5-115	20		115/1	5	25	16
20CPM5-230	20		230/1	5	25	16
20+CPM5-115	20+		115/1	6	26	17
20+CPM5-230	20+		230/1	6	26	17
30CPM5-115	30		115/1	4	25	16
30CPM5-230	30		230/1	4	25	16



ASHLAND PUMP CPM SERIES CISTERN PUMP PERFORMANCE



Low Angle Performance Data

NOZZLE	PRESSURE			RADIUS		FLOW RATE		
	PSI	kPa	Bars	Ft.	M.	GPM	L/M	M ³ /H
#1.0	30	207	2.1	22	6.7	1.2	4.5	.27
	40	276	2.8	24	7.3	1.7	6.4	.39
	50	345	3.4	26	7.9	1.8	6.8	.41
	60	414	4.1	28	8.5	2.0	7.6	.45
#3.0	30	207	2.1	29	8.8	3.0	11.4	.68
	40	276	2.8	32	9.8	3.1	11.7	.70
	50	345	3.4	35	10.7	3.5	13.2	.80
	60	414	4.1	37	11.3	3.8	14.4	.86
#4.0	30	207	2.1	31	9.4	3.4	12.9	.77
	40	276	2.8	34	10.4	3.9	14.8	.89
	50	345	3.4	37	11.3	4.4	16.7	1.00
	60	414	4.1	38	11.6	4.7	17.8	1.07
#6.0	40	275	2.8	38	11.6	6.5	24.6	1.48
	50	344	3.4	40	12.2	7.3	27.7	1.66
	60	413	4.1	42	12.8	8.0	30.3	1.82
	70	482	4.8	44	13.4	8.6	32.6	1.96

*All precipitation rates calculated for 180° operation. For the precipitation rate for a 36

K
RAIN

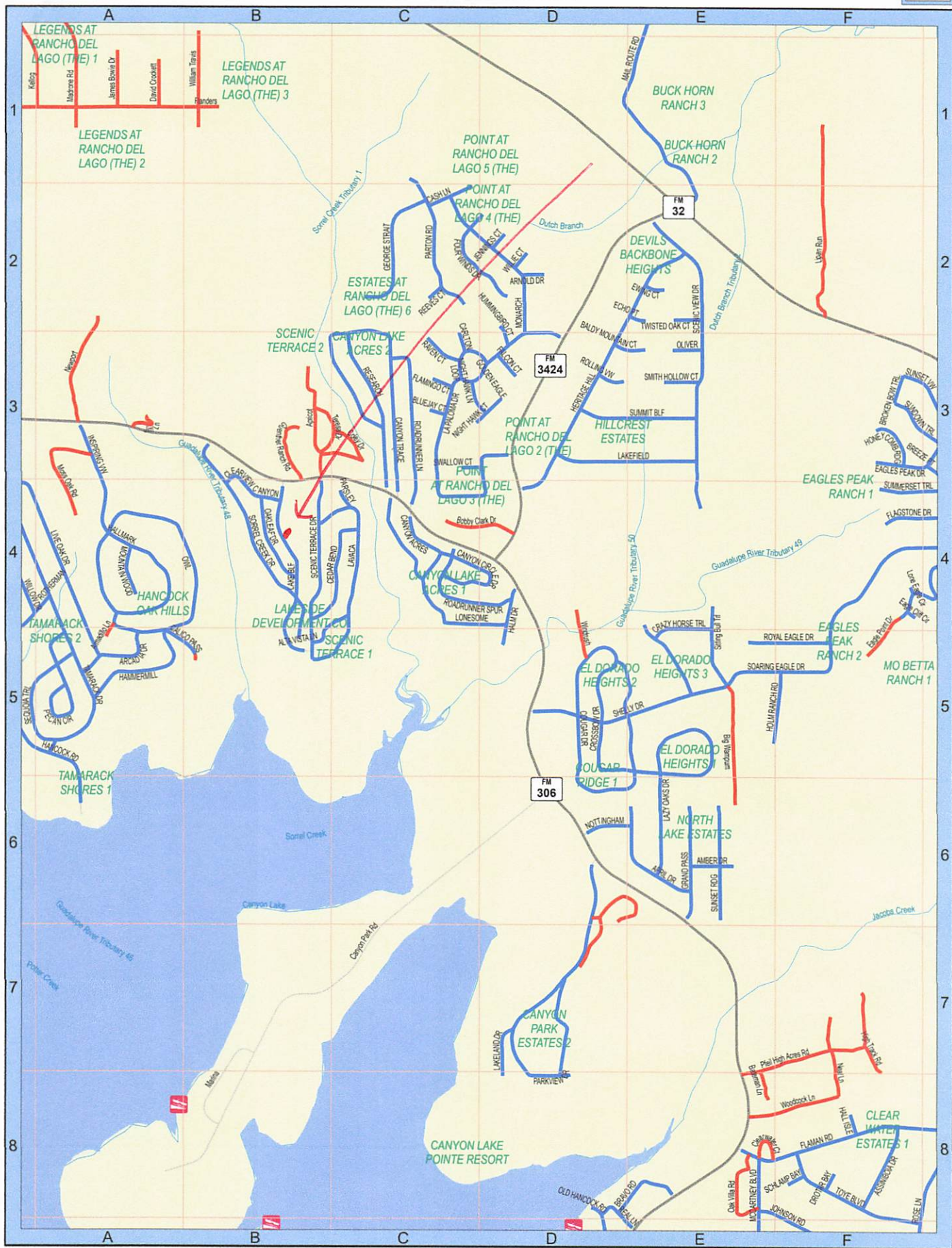
Ashland

P U M P

Honest, Professional, Dependable

1899 Cottage Street, Ashland, Ohio 44805

Telephone: 855 281-6830 • Fax: 877 326-1994 • ashlandpump.com



0 1,250 2,500
Feet

0 0.25 0.5
Miles

OSSF SOIL EVALUATION REPORT INFORMATION

REVISED

10:14 am, May 12, 2025

Date: January 21, 2025

Applicant Information:

THOMAS H. SMITH II & JENNIFER A.

Name: SMITH
Address: c/o 23011 F.M. 306
City: CANYON LAKE State: TEXAS
Zip Code: 78133 Phone: (830) 935-4936

Site Evaluator Information:

Name: Greg W. Johnson, P.E., R.S., S.E. 11561
Address: 170 Hollow Oak
City: New Braunfels State: Texas
Zip Code: 78132 Phone & Fax (830) 905-2778

Property Location:

Lot SEE BELOW Unit Blk Subd.
Street Address: 1205 LAKE BLUFF
City: CANYON LAKE Zip Code: 78133

Additional Info.: **3.00 ACRES - SEE ATTACHED DEED**

Installer Information:

Name:
Company:
Address:
City: State:
Zip Code: Phone

Topography: Slope within proposed disposal area: GENERALLY LEVEL %

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

Design Calculations for Aerobic Treatment with Spray Irrigation:

Commercial

Q = GPD

Residential Water conserving fixtures to be utilized? Yes X No

Number of Bedrooms the septic system is sized for: 3 Total sq. ft. living area 2194

Q gal/day = (Bedrooms +1) * 75 GPD - (20% reduction for water conserving fixtures)

Q = (3 +1)*75-(20%)= 354 (360 Design)

Trash Tank Size 353 Gal.

TCEQ Approved Aerobic Plant Size 600 G.P.D.

Req'd Application Area = Q/Ri = 360 / 0.064 = 5625 sq. ft.

Application Area Utilized = 5654 sq. ft.

Pump Requirement 12 Gpm @ 41 Psi (Redjacket 0.5 HP 18 G.P.M. series or equivalent)

Dosing Cycle: ON DEMAND or X TIMED TO DOSE IN PREDAWN HOURS

Pump Tank Size = 768 Gal. 14.5 Gal/inch.

Reserve Requirement = 170 Gal. 1/3 day flow.

Alarms: Audible & Visual High Water Alarm & Visual Air Pump malfunction

With Chlorinator NSF/TCEQ APPROVED

SCH-40 or SDR-26 3" or 4" sewer line to tank

Two way cleanout

Pop-up rotary sprinkler heads w/ purple non-potable lids

1" Sch-40 PVC discharge manifold

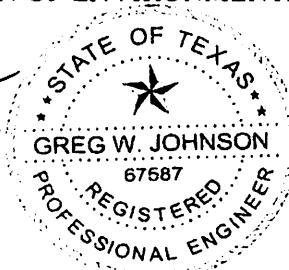
APPLICATION AREA SHOULD BE SEEDED AND MAINTAINED WITH VEGETATION.

EXPOSED ROCK WILL BE COVERED WITH SOIL.

I HAVE PERFORMED A THOROUGH INVESTIGATION BEING A REGISTERED PROFESSIONAL ENGINEER 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)

GREG W. JOHNSON, P.E. F#002585 - S.E. 11561

DATE



FIRM #2585

REVISED

9:26 am, May 14, 2025

VOID

3.00 ACRES
SEE ATTACHED DEED

SPRAY AREA = 5654sf

X= TEST HOLES

MAXX AIR M-600
AEROBIC TREATMENT
PLANT

SLEEVE WATER LINE WITH 2"-SCH-40
PVC PIPE WHEN ENTERING CLOSER
THAN 10' FROM SEPTIC SYSTEM OR
SEPTIC FIELD

SLOPE CHANGE

GENERALLY LEVEL

SLOPE CHANGE

GENERALLY LEVEL

VOID

PERSONAL RV SITE
(114 GPD)

LAKE BLUFF

174.05'

123.00'

210.00'



OWNER:	THOMAS H. SMITH II & JENNIFER A. SMITH		DRAWN BY:	EJS III			
STREET ADDRESS:	1205 LAKE BLUFF						
LEGAL DESC:	SEE ATTACHED DEED		ACREAGE:	3.00			
PREPARED BY:	GREG W. JOHNSON, P.E. F#002585	SCALE:	1"=50'	DATE:	1/21/2025	3rd REVISION:	5/13/2025

VOID

#118563

REVISED

9:26 am, May 14, 2025

SPRAY AREA = 5654sf
X= TEST HOLES

MAXX AIR M-800
AEROBIC TREATMENT
PLANT

SLEEVE WATER LINE WITH 7"-SCH40
PVC PIPE WHEN ENTERING CLOSER
THAN 12' FROM SEPTIC SYSTEM OR
SEPTIC FIELD

PERSONAL RV SITE
(114 GPD)

VOID



OWNER:	THOMAS H. SMITH II & JENNIFER A. SMITH			DRAWN BY:	EJS III	
STREET ADDRESS:	1205 LAKE BLUFF					
LEGAL DESC:	SEE ATTACHED DEED			ACREAGE:	3.00	
PREPARED BY:	GREG W. JOHNSON, P.E. F#002585	SCALE:	1"=80'	DATE:	1/21/2025	3rd REVISION: 5/13/2025

From: [Ritzen,Brenda](#)
To: [Greg Johnson](#)
Cc: [Traci Field](#)
Subject: RE: 1205 LAKE BLUFF - SMITH #118563
Date: Wednesday, May 14, 2025 9:32:00 AM
Attachments: [image001.png](#)

Greg,

The permit file has been updated.

Thank you,



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

From: Greg Johnson <gregjohnsonpe@yahoo.com>
Sent: Wednesday, May 14, 2025 7:13 AM
To: Ritzen,Brenda <rabbjr@co.comal.tx.us>
Cc: Traci Field <traci@psseptics.com>
Subject: 1205 LAKE BLUFF - SMITH #118563

This email originated from outside of the organization.

Do not click links or open attachments unless you recognize the sender and know the content is safe.

- Comal IT

REVISED TANK PLACEMENT.
THX,
GREG

Send for Greg W. Johnson, P.E.,R.S.)
170 Hollow Oak
New Braunfels, TX 78132

VOID

SPRAY AREA = 5654sf
X= TEST HOLES

MAXX AIR M-600
AEROBIC TREATMENT
PLANT

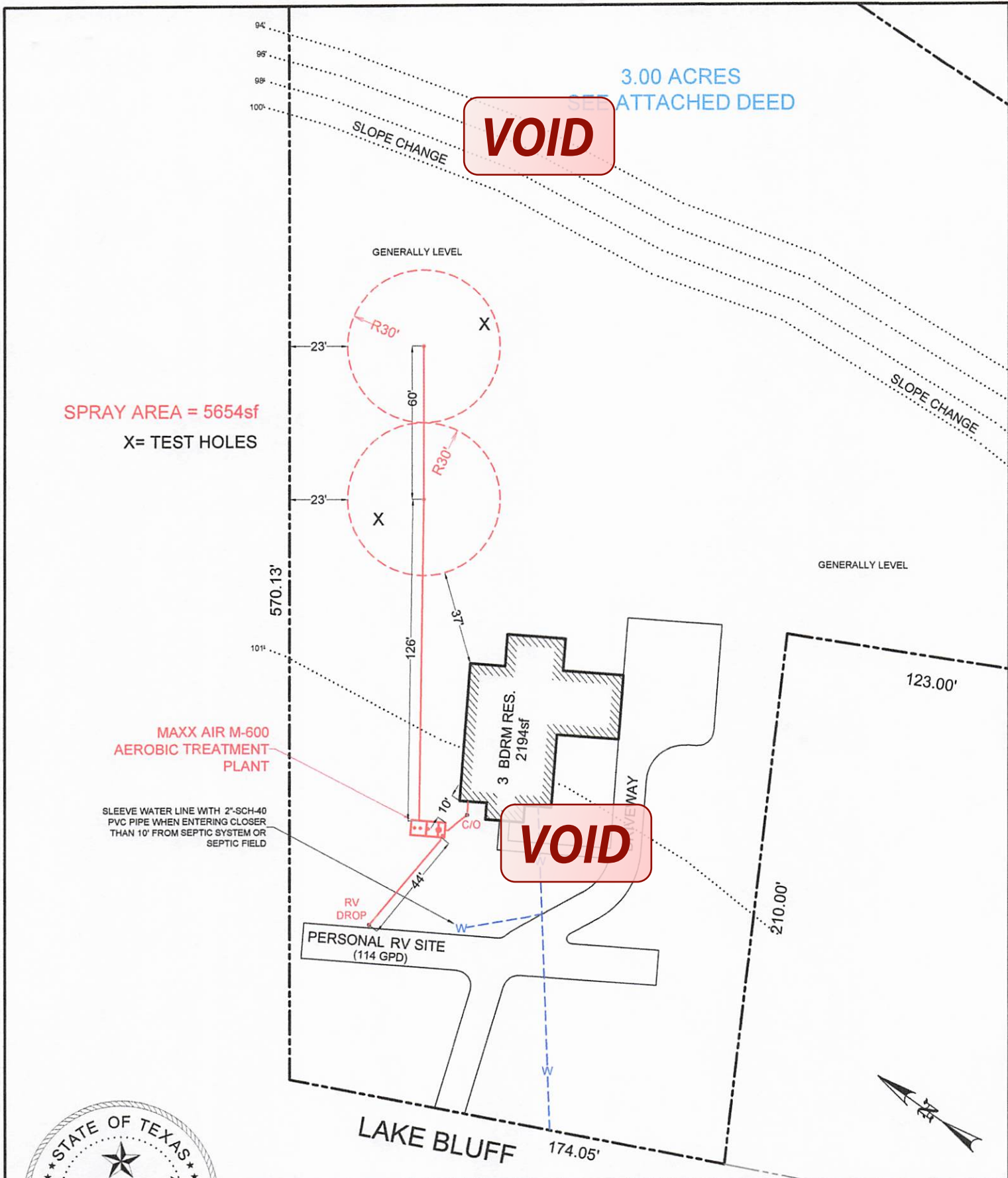
SLEEVE WATER LINE WITH 2"-SCH-40
PVC PIPE WHEN ENTERING CLOSER
THAN 12' FROM SEPTIC SYSTEM OR
SEPTIC FIELD

PERSONAL RV SITE
(114 GPD)

VOID



OWNER:	THOMAS H. SMITH II & JENNIFER A. SMITH		DRAWN BY:	EJS III			
STREET ADDRESS:	1205 LAKE BLUFF						
LEGAL DESC:	SEE ATTACHED DEED		ACREAGE:	3.00			
PREPARED BY:	GREG W. JOHNSON, P.E. F#002585	SCALE:	1"=80'	DATE:	1/21/2025	2nd REVISION:	3/12/2025



OWNER:	THOMAS H. SMITH II & JENNIFER A. SMITH			DRAWN BY:	EJS III	
STREET ADDRESS:	1205 LAKE BLUFF					
LEGAL DESC:	SEE ATTACHED DEED			ACREAGE:	3.00	
PREPARED BY:	GREG W. JOHNSON, P.E. F#002585	SCALE:	1"=50'	DATE:	1/21/2025	2nd REVISION: 3/12/2025

From: [Ritzen,Brenda](#)
To: [Traci Field; "\(gregjohnsonpe@yahoo.com\)"](#)
Subject: Permit 118563
Date: Tuesday, May 6, 2025 9:37:00 AM
Attachments: [image001.png](#)

Re: Thomas J. Smith II & Jennifer A. Smith
3.0 acres, 1205 Lake Bluff
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:

- ✓ Permit application indicates the subdivision name as Lakeside Dev but it does not appear that the property is part of a subdivision.
- ✓ The 2nd page of the permit application indicates the design rate is 360 gpd but rate used for spray area is 354 gpd.
- 3. Revise as needed and resubmit.

Thank you,



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

VOID



COMAL COUNTY
ENGINEER'S OFFICE

ON-SITE SEWAGE FACILITY APPLICATION

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

Date 01/13/2025

Permit Number 118563

1. APPLICANT / AGENT INFORMATION

Owner Name Thomas H Smith II & Jennifer A Smith
Mailing Address c/o 23011 FM 306
City, State, Zip Canyon Lake, TX 78133
Phone # 830-935-4936
Email traci@psseptics.com

Agent Name GREG W. JOHNSON, P.E.
Agent Address 170 Hollow Oak
City, State, Zip New Braunfels, TX 78132
Phone # 830-905-2778
Email gregjohnsonpe@yahoo.com

2. LOCATION

Subdivision Name Lakeside Dev Unit _____ Lot _____ Block _____
Survey Name / Abstract Number A0795 Beatty, Seale, and Forward S#909, A-195 Acreage 3.0
Address 1205 Lake Bluff 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 3

Indicate Sq Ft of Living Area 2194

☐ 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: \$ 400,000 (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

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.

Jennifer Smith Thomas Smith
Signature of Owner

5 Apr 25
Date

OSSF SOIL EVALUATION REPORT INFORMATION

Date: January 21, 2025

Applicant Information:

THOMAS H. SMITH II & JENNIFER A. SMITH

Name: SMITH

Address: c/o 23011 F.M. 306

City: CANYON LAKE State: TEXAS

Zip Code: 78133 Phone: (830) 935-4936

Site Evaluator Information:

VOID

Name: Greg W. Johnson, P.E., R.S., S.E. 11561

Address: 170 Hollow Oak

City: New Braunfels State: Texas

Zip Code: 78132 Phone & Fax (830) 905-2778

Property Location:

Lot SEE BELOW Unit Blk Subd.

Street Address: 1205 LAKE BLUFF

City: CANYON LAKE Zip Code: 78133

Additional Info.: **3.00 ACRES - SEE ATTACHED DEED**

Installer Information:

Name:

Company:

Address:

City: State:

Zip Code: Phone

Topography: Slope within proposed disposal area: GENERALLY LEVEL %

Presence of 100 yr. 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

Design Calculations for Aerobic Treatment with Spray Irrigation:

Commercial

Q = GPD

Residential Water conserving fixtures to be utilized? Yes X No

Number of Bedrooms the septic system is sized for: 3 Total sq. ft. living area 2194

Q gal/day = (Bedrooms +1) * 75 GPD - (20% reduction for water conserving fixtures)

Q = (3 +1)*75-(20%)= 354

Trash Tank Size 353 Gal.

TCEQ Approved Aerobic Plant Size 600 G.P.D.

Req'd Application Area = Q/Ri = 354 / 0.064 = 5531 sq. ft.

Application Area Utilized = 5654 sq. ft.

Pump Requirement 12 Gpm @ 41 ft. **VOID** HP 18 G.P.M. series or equivalent)

Dosing Cycle: ON DEMAND or X TIMED TO DOSE IN PREDAWN HOURS

Pump Tank Size = 768 Gal. 14.5 Gal./inch.

Reserve Requirement = 118 Gal. 1/3 day flow.

Alarms: Audible & Visual High Water Alarm & Visual Air Pump malfunction

With Chlorinator NSF/TCEQ APPROVED

SCH-40 or SDR-26 3" or 4" sewer line to tank

Two way cleanout

Pop-up rotary sprinkler heads w/ purple non-potable lids

1" Sch-40 PVC discharge manifold

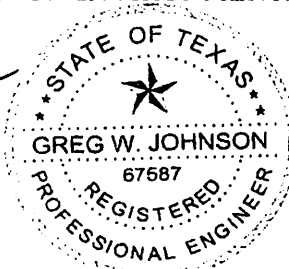
APPLICATION AREA SHOULD BE SEEDED AND MAINTAINED WITH VEGETATION.

EXPOSED ROCK WILL BE COVERED WITH SOIL.

I HAVE PERFORMED A THOROUGH INVESTIGATION BEING A REGISTERED PROFESSIONAL ENGINEER 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)

GREG W. JOHNSON, P.E. F#002585 - S.E. 11561

01/21/25
DATE



FIRM #2585

CHICAGO TITLE
GF# 806071900187

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

WARRANTY DEED WITH VENDOR'S LIEN

Date: October 15, 2019

Grantor: JOSE R YBARRA and spouse, TERESA YBARRA

Grantor's Mailing Address: 3442 Dove Park Lane
(including county) San Antonio, Bexar County, TX 78253

Grantee: THOMAS H SMITH II and spouse, JENNIFER A SMITH

Grantee's Mailing Address: 417 Cactus Flower
(including county) Cibola, Guadalupe County, TX 78108

Consideration: TEN AND NO/100 DOLLARS (\$10.00) and other valuable consideration and a note of even date in the principal amount of Forty-Eight Thousand and no/100 DOLLARS (\$48,000.00) executed by Grantee payable to the order of RANDOLPH-BROOKS FEDERAL CREDIT UNION. The note is secured by a vendor's lien retained in favor of RANDOLPH-BROOKS FEDERAL CREDIT UNION in this deed and by a deed of trust of even date from Grantee to MORTON W. BAIRD II, Trustee.

Property (including any improvements):

A 3.0 acre tract of land out of the Beatty, Seale, and Forward Survey No. 909 and being also a portion of the HANO F. GUENTHER 1009.9 acre tract, Comal County, Texas; said 3.0 acre tract being more particularly described in Exhibit "A" attached hereto and incorporated herein for all purposes.

Reservations from and Exceptions to Conveyance and Warranty:

This conveyance is made subject to any easements, conditions, mandatory homeowners assessments and/or restrictions of record affecting the title to the hereinbefore described property ; including but not limited to any reservation or conveyance of all oil, gas and other mineral interests recorded in Volume 104, Page 304 of the Deed Records, Comal County, Texas.

Grantor, for the consideration and subject to the reservations from and 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 wise belonging, to have and hold it to Grantee, Grantee's heirs, executors, administrators, successors or assigns forever. Grantor hereby binds Grantor and Grantor's heirs, executors, administrators, and successors to warrant and fix singular the property to Grantee and

Grantee's heirs, executors, administrators, successors and assigns, against every person whomsoever lawfully claiming or to claim the same or any part thereof, except as to the reservations from and exceptions to conveyance and warranty.

The vendor's lien against and superior title to the property are retained until each note described is fully paid according to its terms, at which time this deed shall become absolute.

RANDOLPH-BROOKS FEDERAL CREDIT UNION, at Grantee's request, has paid in cash to Grantor that portion of the purchase price of the property that is evidenced by the note described above. The vendor's lien and superior title to the property are retained for the benefit of RANDOLPH-BROOKS FEDERAL CREDIT UNION and are transferred to that party without recourse on Grantor.

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

Jose R Ybarra
JOSE R YBARRA

Teresa Ybarra
TERESA YBARRA

THE STATE OF TEXAS }

COUNTY OF BEXAR

(Acknowledgment)

This instrument was acknowledged before me on the 15 day of Oct., 2019.

by JOSE R YBARRA

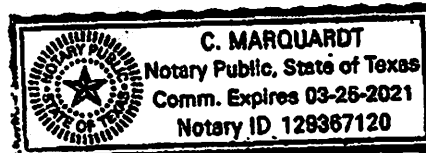
C. Marquardt
Notary Public, State of Texas

C. Marquardt
Notary's Name (printed)

Notary's commission expires 3-25-21

THE STATE OF TEXAS }

COUNTY OF BEXAR



(Acknowledgment)

This instrument was acknowledged before me on the 15 day of Oct., 2019.

by TERESA YBARRA

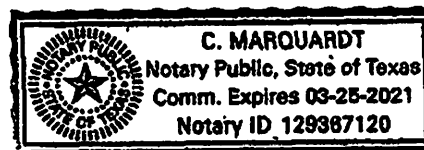
C. Marquardt
Notary Public, State of Texas

C. Marquardt
Notary's Name (printed)

3-25-21
Notary's commission expires

THE STATE OF TEXAS }

COUNTY OF _____



(Acknowledgment)

This instrument was acknowledged before me on the _____ day of _____, 20____.

by

Notary Public, State of Texas

Notary's Name (printed)

Notary's commission expires



EXHIBIT A

A 3.0 acre tract of land out of the Beaty, Seale, and Forward Survey No. 909 and being also a portion of the HANO F. GUENTHER 1009.9 acre tract, Comal County, Texas, and being more particularly described by metes and bounds as follows to-wit;

BEGINNING at an iron stake found in the westerly line of JOHN H. COCKE SURVEY NO. 34, being for the northerly corner of the T.M. BLAKE SURVEY NO. 35, and being the easterly corner of the said BEATY, SEALE & FORWARD SURVEY NO. 909 and the easterly corner of the tract herein described;

THENCE: along the common boundary line between JOHN H. COCKE SURVEY NO. 34, and BEATY SEALE & FORWARD SURVEY NO. 909 North 1° 34' 49" west a distance of 412.00 feet to an iron stake set for the most northerly corner of the tract herein described;

THENCE: severing the lands of said Hammo F. Guenther South 54° 39' 30" West a distance of 570.13 feet to an iron stake found in the easterly Right-of-Way line of Lakeside Drive;

THENCE: along said Right-Of-Way line South 24° 14' East a distance of 174.80 feet to an iron stake found for the westerly corner of a 0.601 acre tract now or formerly owned by Charles Quinn;

THENCE: along said Quinn's northerly line North 61° 27' East a distance of 210.0 feet to an iron stake found for the northerly corner of said Quinn tract;

THENCE: South 26° 33' East a distance of 123.0 feet to an iron stake in the line between Survey No. 909 and the NO. 35;

THENCE: North 59° 45' East a distance of 45.87 feet to an iron stake;

THENCE: North 63° 02' 41" East to the POINT OF BEGINNING.

NOTE: COMPANY DOES NOT REPRESENT THAT THE ABOVE ACREAGE AND/OR SQUARE FOOTAGE CALCULATIONS ARE CORRECT.

Filed and Recorded
Official Public Records
Bobbie Koepf, County Clerk
Comal County, Texas
10/17/2019 11:07:16 AM
TERRI 3 Pages(s)
201906037301



Bobbie Koepf





COMAL COUNTY

ENGINEER'S OFFICE

OSSF DEVELOPMENT APPLICATION CHECKLIST

Staff will complete shaded items

--	--

Date Received

Initials

118563

Permit Number

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

- ☒ Completed Application for Permit for Authorization to Construct an On-Site Sewage Facility and License to Operate
- ☒ Site/Soil Evaluation Completed by a Certified Site Evaluator or a Professional Engineer
- ☒ 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.
- ☒ Required Permit Fee - See Attached Fee Schedule
- ☒ 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

04/15/2025

Date

___ COMPLETE APPLICATION

Check No. _____ Receipt No. _____

INCOMPLETE APPLICATION

___ (Missing Items Circled, Application Refused)