

RAVALLI COUNTY LAND SERVICES DEPARTMENT
MULTI-PURPOSE FORM: Site Evaluation/Sewer Permit/Well Permit

For: GARY BAKER Phone: 251-2558
Address: P.O. BOX 28 PLATINUM, AK 99651
Parcel #: _____ Geocode #: _____
General Area: Billy Springs Memorial (F Stream Lots 64/65/75/76
1/4 1/4 1/4 Section 20 T 2 N/S R 19 W COS/AP# _____
Parcel/Lot: 64/65 & 75/76 Subdivision Name: Billy Springs Memorial
Voluntary Zoning District: _____ Restrictive Covenants: _____ In the floodplain? _____
Plat Approval #: _____ Site evaluation data submitted by the State approval process? _____

SITE EVALUATION # 82161 Date: 7-14-00

Slope: ±2-4% Depth to groundwater: > 65" Depth to bedrock or other impermeables: > 65"
Test hole required: YES Percolation test required: NO Monitoring required: NO
Has non-deg been addressed? YES Septic system will raise nitrates above 5 ppm? NO
Phosphorus Breakthrough will be less than 50 years? NO 75 LINEAL FT. BDEM
Soils data: FITE: FORESTED LOT
0-21" SANDY LOAM - ORANGE BROWN COLOR, FINE TO MEDIUM ROOTS TO 24", GRAVELS, COBBLES/BOULDERS TO 14"
21" TO DEPTH - SAND - COARSE, GRAVELS, COBBLES, BOULDERS TO 14" W/WT-TRANSITION

SEWER PERMIT # 10591 ✓ PERMIT(S) WELL PERMIT # 8051 ✓

Permit issued by: Sewer: Daniel A. Heaton R.S. Well: Daniel A. Heaton R.S.
Date: JULY 26, 2000 Date: JULY 26, 2000
Expires: JULY 26, 2001 Expires: JULY 26, 2001

Number and type of structure(s) served — Residential/Commercial
Type: SF 1. Place well or system as shown on back.
Number: 1 2. Set aside the required replacement area.
Total number of bedrooms: 3 3. Comply with all required setbacks.
IF 2 BDEM THEN 150'
of septic tanks: 1 Size of septic tank(s): 1000 gallons Total lineal feet: 225
System type (drainfield/bed/other): CONVENTIONAL 24" DEEP TRENCHES

IF BEDROCK, HIGH GROUNDWATER, INADEQUATE SETBACK FROM WELLS OR SURFACE WATER, OR OTHER PROBLEMS WITH COMPLIANCE TO REGULATIONS BECOME EVIDENT DURING INSTALLATION, STOP INSTALLATION IMMEDIATELY AND CALL THE LAND SERVICES DEPARTMENT FOR INSTRUCTIONS.

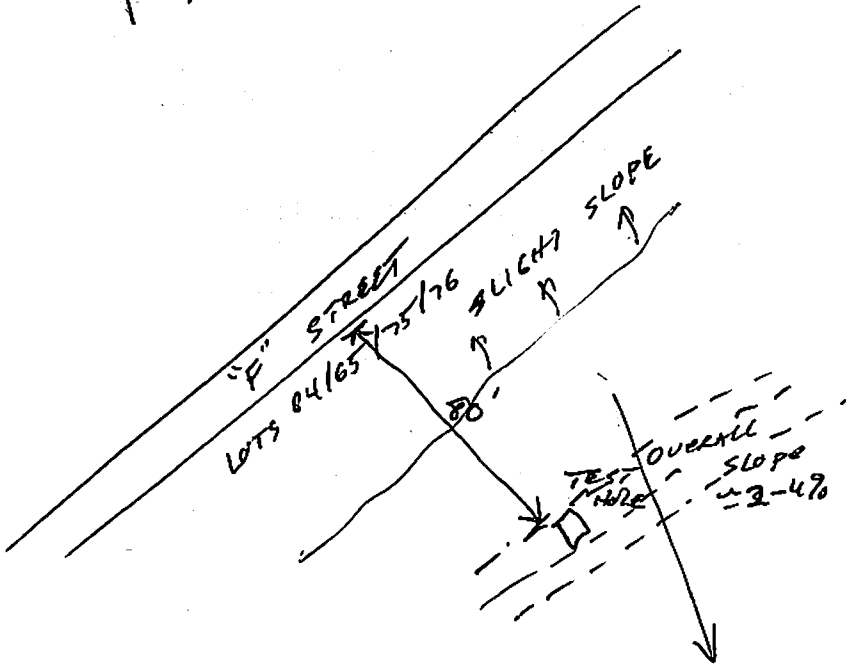
I will hire a professional installer to install the system.
 I have received the attached instruction booklet and will install the septic system in compliance with the requirements contained therein.

APPLICANT'S WARRANTY: I do hereby warrant that I will comply with the terms and conditions of this permit and certify that I am aware of any zoning restrictions or restrictive covenants that may exist on this property, and that the use of this property for which this permit is issued does not violate any terms or conditions of any zone or restrictive covenants.

Applicant's signature: Gary D. Baker
FINAL INSPECTION: [Signature] DATE: 6/28/01



NOT TO SCALE



INSPECTION CHECKLIST FOR RAVALLI COUNTY SEPTIC SYSTEMS

Read your permit thoroughly. Make sure the system is in the correct location as shown on the back of the permit. Place system exactly as shown. A 100% replacement area must exist. If a slope problem or other obstacle causes you not to be able to comply with the approved site plan, you must call the Sanitarian prior to system construction. If any problems arise during construction including high groundwater, bedrock, or inadequate separation from required setbacks, stop construction immediately and phone the Sanitarian's Office. **THE SANITARIAN'S OFFICE DOES NOT WARRANTY ANY GRADE OR SLOPE MEASUREMENTS.**

WHEN CALLING FOR A FINAL INSPECTION:

1. Concrete septic tank and distribution box must be uncovered. ✓
2. The following pipes must be uncovered: tank to foundation, tank to distribution box (or header), distribution box outlet lines and at least one absorption trench (or all header lines). ✓
3. The ends of each absorption trench must be uncovered to check for caps. ✓
4. Distribution box outlet lines must be solid for at least 5' to avoid seepage around the distribution box. ✓
5. Sanitary tee's (inlet side 12", outlet is prefabricated with the effluent filter or 18" on replacement systems) must be installed in septic tanks. ✓
6. Standard trench depth is 24" to the trench bottom. Maximum depth is 36". Check your permit. ✓
7. If used, an equal number of absorption lines are required on each side of the inlet tee on a header line. You must prove that your header line is level. Absorption lines must be "looped" (connected to each other) at the far ends of drainfields utilizing header lines. N/A
8. All lines must be 4-inch pipe and the correct ASTM. Schedule 40 is required from the house to the tank. ASTM 3034 (SDR 35) pipes or heavier class must be used throughout the rest of the septic system. ✓
9. Trenches must be separated by 5' undisturbed earth: 2' trench ~ 7' on centers, 3' trench ~ 8' on centers. ✓
10. Absorption trenches should be level. Maximum slope is 4" per 100'. ✓
11. All joints in sold lines must be glued. ✓
12. No absorption line may exceed 100 feet in length. ✓
13. Absorption lines must be of equal length. (A 10-foot total variance is allowed in difficult situations.) ✓
14. Distribution boxes have an inlet that is higher than the outlets; install correctly. Distribution boxes must be bedded. Water poured into the distribution box must flow equally down each pipe exiting the distribution box and not back flush into the distribution box. Dipper - D-Box
15. At least two absorption lines are required in all installations. ✓
16. Sealed entry and exit pipes from tank and distribution box are required. ✓
17. A minimum of 6" of washed rock beneath and 2" of rock over absorption lines is required. Your permit may require additional rock. ✓
18. Filter fabric, 2 layers (minimum) of untreated building paper or 5" straw covering the width of the trench must be placed over rock on top of pipes. (Paper must not tear when walked on.) ✓
19. Holes in absorption lines must be aligned at the 5 and 7 o'clock position on a clock face. ✓
20. Approved effluent filters with a handle extending to 8" of the surface are required on all systems. Filter type: Polylock. Alarms are required on pump systems. Handle to be extended to 8" of surface.
21. All septic tanks must have a cylindrical, concrete riser at least 2' in diameter extending to the finished grade of the site with a tight fitting concrete lid. **LEAVE LIDS OFF TANK FOR INSPECTION OF SANITARY TEE'S AND EFFLUENT FILTER.** ✓

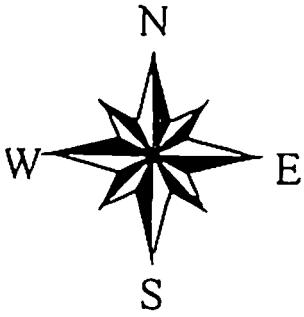
Permit #: 10591 Owner: Gary Baker
Contractor/Installer: Bill Tyler

I have inspected this system and found it compliant with Ravalli Co. Sewage Disposal Regulations.

Signature: [Signature] Date Inspected: 6/28/01

DRAWING OF SEPTIC SYSTEM INSTALLED, DATE: 6/28/01 NOTE: Not to scale.

No house.



F Street

