



Montana Department of ENVIRONMENTAL QUALITY

Brian Schweitzer, Governor

P.O. Box 200901 • Helena, MT 59620-0901 • (406) 444-2544 • www.deq.mt.gov

October 27, 2008

Bruce E McKee PE  
McKee Engineering PC  
15 A Two Willow Lane  
Red Lodge MT 59068

RE: Casagrande Family Transfer  
Carbon County  
E.Q. #09 1594

Dear Mr McKee:

The plans and supplemental information relating to the water supply, sewage, solid waste disposal, and storm drainage (if any) for the above referenced division of land have been reviewed as required by ARM Title 17 Chapter 36(101-805) and have been found to be in compliance with those rules.

Two copies of the Certificate of Subdivision Plat Approval are enclosed. The original is to be filed at the office of the county clerk and recorder. The duplicate is for your personal records.

Development of the approved subdivision may require coverage under the Department's General Permit for Storm Water Discharges Associated with Construction Activity, if your development has construction-related disturbance of one or more acre. If so, please contact the Storm Water Program at (406) 444-3080 for more information or visit the Department's storm water construction website at <http://www.deq.state.mt.us/wqinfo/MPDES/StormwaterConstruction.asp>. Failure to obtain this permit (if required) prior to development can result in significant penalties.

Your copy is to inform you of the conditions of the approval. Please note that you have specific responsibilities according to the plat approval statement primarily with regard to informing any new owner as to any conditions that have been imposed.

If you wish to challenge the conditions of this Certificate of Subdivision Plat Approval, you may request a hearing before the Board of Environmental Review or the Department, pursuant to Section 76-4-126, MCA and the Montana Administrative Procedures Act.

If you have any questions, please contact this office.

Sincerely,

Steve Kilbreath, Supervisor  
Subdivision Review Section

SK/le

cc: County Sanitarian  
County Planning Board

C18 2235 F-1

STATE OF MONTANA  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
CERTIFICATE OF SUBDIVISION APPROVAL  
(Section 76-4-101 through 76-4-135, MCA 2001)

TO: County Clerk and Recorder  
Carbon County  
Red Lodge, Montana

E.Q. #09-1594

THIS IS TO CERTIFY THAT the plans and supplemental information relating to the subdivision known as **Casagrande Family Transfer**

being the remainder of document #330315 COS 2235 MTG located in a portion of the N1/2SW1/4NW1/4 of Section 26 and that portion of the N1/2S1/2NE1/4 lying East of US highway 78 of section 27 all in T.5S., R.18E., P.M.M. Carbon County Montana

consisting of one (1) lot have been reviewed by personnel of the Permitting and Compliance Division, and,

THAT the documents and data required by ARM Chapter 17 Section 36 have been submitted and found to be in compliance therewith, and,

THAT the approval of the **COS** is made with the understanding that the following conditions shall be met:

THAT the lot size as indicated on the **COS** to be filed with the county clerk and recorder will not be further altered without approval, and,

THAT the lot shall be used for one (1) **4-bedroom** single family dwelling, and,

THAT individual water system will consist of a well drilled to a minimum depth of 25 feet constructed in accordance with the criteria established in Title 17, Chapter 36, Sub-Chapters 1, 3, and 6 ARM and the most current standards of the Department of Environmental Quality, and,

THAT data provided indicates an acceptable water source at a depth of approximately 40 feet, and,

THAT the individual **pressure dosed sewage treatment** system will consist of a **1500 gallon septic tank a 1000 gallon dosing tank** and subsurface drainfield of such size and description as will comply with Title 17, Chapter 36, Sub-Chapters 1, 3, and 6 ARM, and,

THAT the **pressure dosed** subsurface drainfield shall have an absorption area of sufficient size to provide 450 square feet per bedroom, (**5-3' x 120' linear feet per 4-bedroom dwelling**), and,

**THAT the installation must be installed per McKee engineering plans and specifications dated October 2008, and,**

THAT the bottom of the drainfield shall be at least four feet above the water table, and,

THAT no sewage treatment system shall be constructed within 100 feet of the maximum highwater level of a 100 year flood of any stream, lake, watercourse, or irrigation ditch, nor within 100 feet of

Casagrande family transfer  
Carbon County

any domestic water supply source, and,

THAT water supply systems, sewage treatment systems and storm drainage systems will be located as shown on the approved plans, and,

THAT all sanitary facilities must be located as shown on the attached lot layout, and,

THAT the developer and/or owner of record shall provide the purchaser of property with a copy of the COS, approved location of water supply and sewage treatment system as shown on the attached lot layout, and a copy of this document, and,

THAT instruments of transfer for this property shall contain reference to these conditions, and,

THAT plans and specifications for any proposed sewage treatment systems will be reviewed and approved by the county health department and will comply with local regulations and ARM, Title 17, Chapter 36, Subchapters 3 and 9, before construction is started.

THAT departure from any criteria set forth in the approved plans and specifications and Title 17, Chapter 36, Sub-Chapters 1, 3, and 6 ARM when erecting a structure and appurtenant facilities in said subdivision without Department approval, is grounds for injunction by the Department of Environmental Quality.

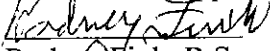
THAT pursuant to Section 76-4-122 (2)(a), MCA, a person must obtain the approval of both the reviewing authority under Title 76, Chapter 4, MCA, and local health officer having jurisdiction, before filing a subdivision PLAT/COS with the county clerk and recorder.

YOU ARE REQUESTED to record this certificate by filing it or attaching it to the **COS** filed in your office as required by law.

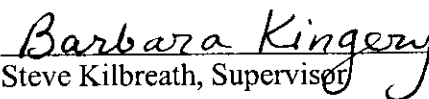
DATED this 22-day of October, 2008.

RICHARD OPPER  
DIRECTOR

Reviewed & Approved

  
Rodney Vink, R.S.

By:

  
Steve Kilbreath, Supervisor  
Subdivision Section  
Permitting and Compliance Division  
Department of Environmental Quality



Owner's Name: Dave Casagrande

# FAMILY TRANSFER TRACT 19.22 ACRES

NOTE: CASAGRANDE FAMILY TRANSFER  
REMAINDER TRACT EXEMPT FROM  
REVIEW PER MCA 76-4-125(2)(e)(i).

PROPOSED WELL WITH  
100' ZONE OF  
INFLUENCE

100' RADIUS

WATER LINE

25%  
SLOPE

PROPOSED 4  
BEDROOM HOUSE

1,500 GAL. SEPTIC TANK WITH  
EFFLUENT FILTER AND  
1,000 GAL. DOSING TANK.

25%  
SLOPE

2" SCH 40, PVC SOLID  
WALL PIPE FORCE  
MAIN.

15% SLOPE

PRESSURE DOSED  
DRAINFIELD:  
(5) 1.5" SCH 40, PVC  
PERFORATED PIPE  
LATERALS IN CHAMBERS.  
120 LINEAL FEET EACH

100%  
REPLACEMENT  
AREA

PROPOSED  
16' WIDE DRIVEWAY

40'+

APPROX. 100 YEAR  
FLOODPLAIN  
BOUNDARY

PROPERTY LINE

MT DEQ PUBLIC WATER  
& SUBDIVISION BUREAU



1" = 30'  
NCS

N. 35° W. DOWNGRADE  
200' DOWN GRADIENT  
S.S. MIXING ZONE

EXISTING  
CL. LINE

PERC TEST

TH #1

TH #2

FLOW LINE

TOP BANK

TOP BANK

160'+

114'+

RECEIVED

OCT 28 2009



McKee Engineering, P.C.  
15A TWO WILLOW LANE  
RED LEDGE, MT 06088  
(405) 446-9422

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