



Brian Schweitzer, Governor
Richard H. Opper, Director

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

June 9, 2010

Travis West
Land Development Solutions LLC
P O Box 194
Columbus MT 59019

RE: Fort Peck Cabin Sites Parcels 2 -108
Valley County
E.Q. #10 1929

Dear Mr West:

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
Steve Kilbreath, Supervisor
Subdivision Review Section

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cc: County Sanitarian
County Planning Board

STATE OF MONTANA
DEPARTMENT OF ENVIRONMENTAL QUALITY
CERTIFICATE OF DRAINFIELD SITE REVIEW

TO: County Clerk and Recorder
Valley County
Glasgow, Montana

R.Q. #10-1929

THIS IS TO CERTIFY THAT the plans and supplemental information relating to the drainfields and replacement areas for the Fort Peck Cabin Sites Parcels 2-108

A parcel of land located in portions of Sections 24 & 25, Township 26 North, Range 40 East, P.M.M., Valley County, Montana

consisting of 73 Parcels with 73 Parcels have been reviewed by personnel of the Permitting and Compliance Division, and,

THAT, while the Parcels are not subject to the Sanitation in Subdivisions Act, Title 76, Chapter 4, MCA (Sanitation Act), documents and data regarding drainfields and replacement areas for the Parcels have been submitted to the Department for review. The purpose of the review is for the Department to determine whether the design of the proposed facilities would comply with state standards adopted under the Sanitation Act, if they were applicable.

THAT the Department has determined that the design of the proposed drainfields and replacement areas would comply with state standards adopted under the Sanitation Act, if those standards were applicable, with the understanding that the following conditions shall be met:

THAT the Parcel sizes as indicated on the Plat to be filed with the county clerk and recorder will not be further altered without approval, and,

THAT the individual sewage treatment system for Parcel 25 and Parcel 37 will consist of a 1000 gallon septic tank with effluent filter and a gravelless subsurface drainfield constructed in accordance with plans and specifications of Land Development Solutions dated received March 18, 2010 and be of such size and description as will comply with the county regulations based upon Title 17, Chapter 36, Sub-Chapter 9 ARM and Department Circular DEQ 4, and,

THAT the individual sewage treatment system for Parcel 4, Parcel 9, Parcel 11, Parcel 13, Parcel 20, Parcel 22A, Parcel 23, Parcel 26, Parcel 27, Parcel 29, Parcel 34, Parcel 36, Parcel 39, Parcel 40, Parcel 49, Parcel 51A, Parcel 52, Parcel 52A, and Parcel 57, Parcel 62, Parcel 63, Parcel 73, Parcel 97, and Parcel 108 will consist of a combination 1,000 gallon septic tank with effluent filter, a 500 gallon dose tank followed by a pressure dosed gravelless subsurface drainfield constructed in accordance with plans and specifications of Land Development Solutions dated received March 18, 2010 and April 28, 2010 and be of such size and description as will comply with the county regulations based upon Title 17, Chapter 36, Sub-Chapter 9 ARM and Department Circular DEQ 4 and,

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THAT the individual sewage treatment system for Parcel 21, Parcel 23A, Parcel 30, Parcel 32A, Parcel 35, Parcel 38, Parcel 44, Parcel 46, Parcel 47, Parcel 56, Parcel 71, Parcel 77, Parcel 84, Parcel 86, Parcel 87, Parcel 88, Parcel 89, Parcel 90, Parcel 94, Parcel 96, Parcel 104, and Parcel 107 will consist of a 1,000 gallon septic tank with effluent filter, a 1,000 gallon dose tank followed by a pressure dosed gravelless subsurface drainfield constructed in accordance with plans and specifications of Land Development Solutions dated received March 18, 2010 and April 28, 2010 and be of such size and description as will comply with the county regulations based upon Title 17, Chapter 36, Sub-Chapter 9 ARM and Department Circular DEQ 4, and,

THAT the individual sewage treatment system for Parcel 28, Parcel 32, Parcel 33, Parcel 43, Parcel 60, and Parcel 72 will consist of a 1,500 gallon septic tank with effluent filter, a 1,000 gallon dose tank followed by a pressure dosed gravelless subsurface drainfield constructed in accordance with plans and specifications of Land Development Solutions dated received March 18, 2010 and be of such size and description as will comply with the county regulations based upon Title 17, Chapter 36, Sub-Chapter 9 ARM and Department Circular DEQ 4, and,

THAT the individual sewage treatment system for Parcel 45 will consist of a combination 1,000 gallon septic tank with effluent filter, a 500 gallon dose tank followed by a pressure dosed gravelless deep absorption drainfield constructed in accordance with plans and specifications of Land Development Solutions dated received March 18, 2010 and be of such size and description as will comply with the county regulations based upon Title 17, Chapter 36, Sub-Chapter 9 ARM and Department Circular DEQ 4, and,

THAT the individual sewage treatment systems for Parcel 2 shall consist of a 1,000 gallon septic tank with an effluent filter, one Eliminite 120C Level II Treatment System, followed by a pressure-dosed **deep absorption** gravelless drainfield of such size and description as will comply with Title 17, Chapter 36, Sub-Chapters 1, 3, and 6 ARM, and shall be constructed in accordance with Department Circular DEQ 4 and the approved plans and specifications submitted by Land Development Solutions dated received March 18, 2010, and,

THAT the individual sewage treatment systems for Parcel 2A shall consist of a 1,000 gallon septic tank with an effluent filter, one Eliminite 120C Level II Treatment System, followed by a pressure-dosed **absorption bed** and be of such size and description as will comply with Title 17, Chapter 36, Sub-Chapters 1, 3, and 6 ARM, and shall be constructed in accordance with Department Circular DEQ 4 and the approved plans and specifications submitted by Land Development Solutions dated received April 28, 2010, and,

THAT the individual sewage treatment systems for Parcel 3, Parcel 6, Parcel 15, and Parcel 19 shall consist of a 1,000 gallon septic tank with an effluent filter, one Eliminite 120C Level II Treatment System, followed by a pressure-dosed subsurface drainfield of such size and description as will comply with Title 17, Chapter 36, Sub-Chapters 1, 3, and 6 ARM, and shall be constructed in accordance with Department Circular DEQ 4 and the approved plans and specifications submitted by Land Development Solutions dated received March 18, 2010, and,

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THAT the conditions of approval of the Eliminate 120C Level II Treatment System requires an Operation & Maintenance (O&M) contract, in accordance with ARM 17.30.718(8) and the service-related obligations listed in DEQ-4, Appendix D, in perpetuity, with an authorized Dealer/Representative, and,

THAT the O&M contract shall include a bi-annual on-site inspection of all major components of the wastewater treatment system for the first two (2) years after use of the system begins, and annually thereafter, in accordance with ARM 17.30.718(8)(a), and,

THAT annual sampling in accordance with ARM 17.30.718(8)(b) is required for the life of the system and shall be for the following parameters: nitrate; nitrite, ammonia, TKN, BOD, TSS, fecal coliform, specific conductance and temperature. Effluent sampling shall be conducted after all treatment is complete but before discharge into the absorption system. All water analysis shall be conducted according to the EPA approved method by an independent laboratory, except for temperature which shall be measured on-site. The monitoring results must be maintained by the service provider and made available to the Department by the service provider at any time that the Department requests the results, and,

THAT each subsurface drainfield shall have an absorption area of sufficient size to provide for the following application rate:

Parcel 6, Parcel 29, and Parcel 37 shall have an application rate of 0.6 gpd/ft²,

Parcel 20, Parcel 22, Parcel 25, and Parcel 45 shall have an application rate of 0.5 gpd/ft²,

Parcel 4, Parcel 8, Parcel 9, Parcel 11, Parcel 15, Parcel 22A, Parcel 23, Parcel 26, Parcel 28, Parcel 30, Parcel 32, Parcel 36, Parcel 39, Parcel 43, Parcel 51A, Parcel 52, and Parcel 52A shall have an application rate of 0.4 gpd/ft²,

Parcel 2A, Parcel 13, Parcel 27, Parcel 33, Parcel 46, Parcel 49, Parcel 56, Parcel 62, Parcel 63, Parcel 77, and Parcel 108 shall have an application rate of 0.3 gpd/ft²,

Parcel 3, Parcel 19, Parcel 21, Parcel 23A, Parcel 32A, Parcel 34, Parcel 35, Parcel 38, Parcel 40, Parcel 44, Parcel 47, Parcel 57, Parcel 60, Parcel 71, Parcel 72, Parcel 73, Parcel 84, Parcel 86, Parcel 87, Parcel 88, Parcel 89, Parcel 90, Parcel 94, Parcel 96, Parcel 97, Parcel 104, and Parcel 107 shall have an application rate of 0.2 gpd/ft², and,

THAT the drainfield for Parcel 2A shall be installed at a depth of 12 inches constructed in accordance with plans and specifications of Land Development Solutions dated received April 28, 2010, and,

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THAT the drainfield for Parcel 22A shall be installed at a depth of 18 inches constructed in accordance with plans and specifications of Land Development Solutions dated received April 28, 2010, and,

THAT the drainfield for Parcel 3 and Parcel 8 shall be installed at a depth of 24 inches constructed in accordance with plans and specifications of Land Development Solutions dated received April 28, 2010, and,

THAT the drainfield for Parcel 4, Parcel 6, Parcel 11, Parcel 15, Parcel 19, Parcel 21, Parcel 23, Parcel 25, Parcel 28, Parcel 32A, Parcel 34, Parcel 35, Parcel 37, Parcel 44, Parcel 46, Parcel 49, Parcel 52A, Parcel 56, Parcel 57, Parcel 62, Parcel 63, Parcel 77, Parcel 84, Parcel 89, Parcel 96, Parcel 97, Parcel 104, Parcel 107, and Parcel 108 shall be constructed at a depth of 36 inches, and,

THAT when the present sewage treatment system for Parcel 7, Parcel 14, Parcel 24, Parcel 31, Parcel 41, Parcel 48, Parcel 51, Parcel 58, Parcel 59, Parcel 74, and Parcel 76 are in need of extensive repairs or replacement they shall be replaced by a septic tank, dose tank and pressure dosed subsurface drainfield of such size and description as will comply with the county regulations based upon Title 17, Chapter 36, Sub-Chapter 9 ARM and Department Circular DEQ 4 and plans and specifications of submitted by Land Development Solutions, 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 any domestic water supply source, and,

THAT sewage treatment systems will be located as shown on the reviewed 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 each purchaser of the property with a copy of the Certificate of Survey, location of sewage treatment system as shown on the attached lot layout, - reviewed plan sheets, 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.

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YOU ARE REQUESTED to record this certificate by attaching it to the Certificate of Survey filed in your office as required by law.

DATED this 30th day of April, 2010.

RICHARD OPPER
DIRECTOR

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