



Application and Permit for On-Site Wastewater Treatment System

Larimer County Department of Health and Environment
1525 Blue Spruce Drive
Fort Collins, CO 80524

970-498-6775 Fort Collins
970-577-2050 Estes Park
970-498-6772 Fax

Date: 05/03/2018 Septic permit number: 18-HSEP0089 Building permit number: 18-RES0219
Type: Full Septic Self Install: N

Future building permit:

Property location: 534 Blackfoot Rd Red Feather Lakes, CO 80545

Parcel number: 3007207030 Hlth S-T-R: 07-10-73
Lot: 30 Block/Tract: Subdivision: CRYSTAL LAKES 3RD

Owner: Matthew Chavez Email: Phone: 3033583933
Owner address: 3942 N 109th St Lafayette, CO 80026

Applicant: Wayne Gilbert Applicant Business: Mountain Shadow Builders Phone: 970-388-7835
Applicant address: 2334 Turquoise St Loveland, CO 80537 Email: mountainshadowbuilders@live.com

Contractor: Contractor Business: Phone:
Contractor address: Email:

Payee: Matthew Chavez

Type: Hlth: SF Bldg: HLTH Septic Permit, Residential Basement Bathroom:

Design Capacity: 2 Plot Plan: Y Engineer report: Y Engineer:

Water Supply: NA Well: New

Sewer District: NA Lot Size: 1.48

Permit Fee: \$ 1,023.00 State Fee: Self Install Fee: TOTAL FEE: \$ 1,023.00

Receipt: FTC201805020011 Cross Reference Number: 18-HSEP0089

Depth to water table: >7' Perc rate: 25 Depth to bedrock: >7' Slope: 8%

Permission is hereby granted to the owner or his agent to perform the work indicated below in accordance with the Larimer County On-site Wastewater Treatment System Regulations and is conditional upon the final installation approval of the Larimer County Department of Health and Environment. This permit is to remain in full force for the duration of the Larimer County Building Permit, or 120 days after its issuance, where applicable, providing it is not revoked for noncompliance. The issuance of this permit does not constitute assumption by the Department or its employees of liability for the failure or inadequacy of the wastewater treatment system.

Please notify the department 48 hours in advance of backfilling to obtain final inspection for issuance of "Occupancy Certificate".

APPROVALS
Preliminary: SM 5-7-18 Construction/OE Inspection: b.m.p. 9-21-18
Site Inspection: SM 5-15-18 Engineers Approval: Earth Engineers 12-31-18
Final Inspection: b.m.p. 12-14-18
Occupancy permit OK: TS 1-7-19

Septic permit number: 18-HSEP0089

Property location: 534 Blackfoot Rd, Red Feather Lakes, CO 80545

Preliminary Type and design of system:

- *INSTALL SYSTEM PER EARTH ENGINEERING PROJECT NO 18-01-085. FINAL INSPECTION REQUIRES ENGINEER TO TEST REPLACED MATERIAL AND LARIMER COUNTY FOR FINAL INSPECTION PRIOR TO BACKFILL .
- *FOR 2 BEDROOMS; INSTALL A MINIMUM 1000 GALLON TWO-COMPARTMENT TANK (EXISTING 2000 GAL TWO-COMPARTMENT TANK INSTALLED FOR RV VAULT CAN BE USED) FOLLOWED BY A SOIL TREATMENT AREA OVEREXCAVATED TO A 6 FT DEPTH AND 3 FT BEYOND THE BED PERIMETER FOR A 35 FOUR-FOOT STANDARD CHAMBER BED OR 28 FIVE-FOOT CHAMBER BED. OVEREXCAVATED MATERIAL MUST BE REWORKED WITH LARGER (4"+) COBBLE REMOVED, AND REPLACED TO PROVIDE FOUR-FOOT OF SUITABLE SOIL BELOW CHAMBER BED. CALL ENGINEER FOR TESTING OF REPLACED SOIL.
- *USE SCHEDULE 40 PIPE FOR DRIVEWAY CROSSING .
- *MAINTAIN LCDHE SETBACKS. CALL LCDHE FINAL INSPECTION PRIOR TO BACKFILL.

Conditions:

- * Pump tank every 3-4 years.
- * Maintain 20' setback from detached structures to septic leachfield.

FINAL INSTALLATION

Septic tank - gallonage size: 1000 + 500
HLT Manufacturer: (48 FT CSUL)

- manufacturer: Oldcastle PRECAST

ABSORPTION AREA

Gravel or trench sq ft area: 4' CHAMBERS 35 SQ FT / 5' CHAMBERS 28 SQ FT
Infiltrator/bio unit #: 36 (4') STANDARD CHAMBERS (GRAVITY AREA / BSA)
SB2 lineal ft:

EVAPOTRANSPIRATION SYSTEM (TOTAL OR PARTIAL)

Gravel sq ft area:
Infiltrator/bio unit #:

VAULTS OR PRIVY

Vault/Privy Other - gallonage size:
Design code: - CE

-manufacturer: _____

