



Colorado Building Performance
Efficiency • Comfort • Sustainability
Serving Northwest Colorado
CObuildingperformance@gmail.com
970-439-8606

04/17/2021

Ryan Radway
JSM Builders

Project: 1867 River Queen Ln, Blower Door Test Results

On April 16, 2021 the unit was tested for air-leakage rates relative to the IECC 2015 requirement of 3 air-changes per hour (ACH) at the standard rate of 50 Pascals negative pressure. The test was conducted with a blower door, infrared camera and chemical smoke. The project is nearly complete.

The results demonstrated that the air-leakage rate for the unit is below the required 3 ACH per the 2015 IECC. Results are as follows.

Permit number	B-19-731
Address	1867 River Queen Ln
Square footage (sf)	3517
Volume (cu ft)	37807.75
Maximum ACH50 = 3 x Volume	113423
Measured air flow/min @50 Pa (cfm)	1757
x 60 min = Air change per hr (cf/hour)	105420
Divide by Volume = Measured ACH50	2.79
Result	PASS





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Dan LeBlanc is a recognized leader in energy efficiency and sustainability. He has 20+ years of experience in building energy performance including building envelope optimization, energy modeling, auditing, commissioning and energy management. He has worked on a wide range of project types nationally and internationally including institutional, multi-family, office, manufacturing, core and shell, master plan, and mixed-use. As a LEED professional, he has successfully delivered more than 50 certified projects. Dan is also well versed in the construction process, having managed successful residential and institutional projects as a General Contractor.

Dan LeBlanc has been a BPI certified Building Analyst Professional for 6 years.

BPI ID #5056364, original certification in 2015, re-certified 12/12/2018.

