

TAMARACK

NORTH LTD

PROFESSIONAL ENGINEERS & BUILDERS OF FINE SEASONAL HOMES













TAMARACK

NORTH LTD

PROFESSIONAL ENGINEERS & BUILDERS OF FINE SEASONAL HOMES













M-Morgan
Vacupor® NT-B2-5
CE

R-28
per inch

www.peakbp.net
1410 E 3rd Street, 1400 B
Long Beach, CA 90802
PEAK























TAMARACK

NORTH LTD

PROFESSIONAL ENGINEERS & BUILDERS OF FINE SEASONAL HOMES







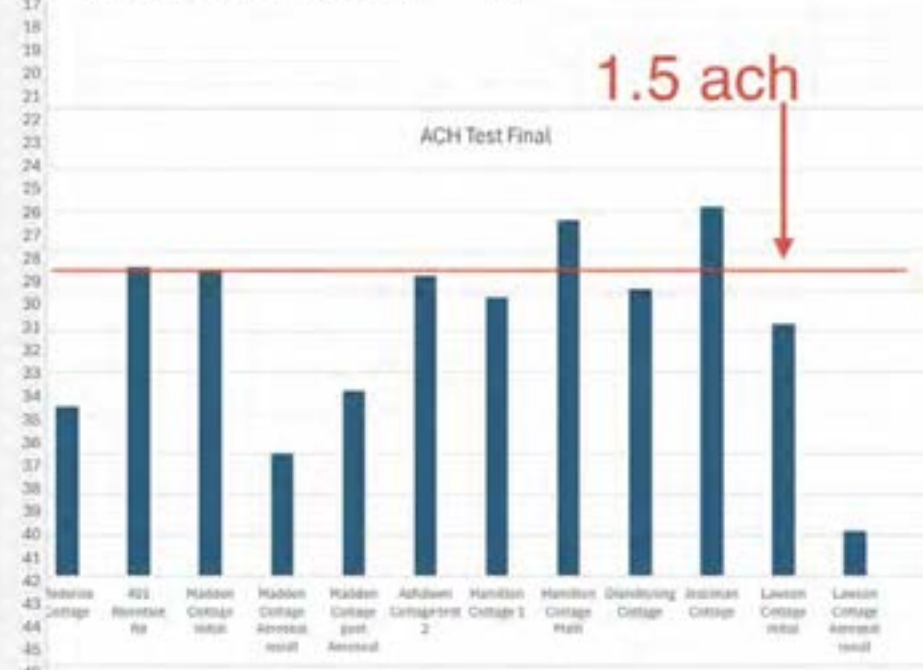






Tamarack North Air Test Results

Test date	Customer	ACH Test Final
Jan.20, 2024	Mederios Cottage	0.83
May 24 2024	401 Riverdale Rd	1.52
Aug.12, 2024	Madden Cottage initial	1.50
Aug. 12, 2024	Madden Cottage Aerosol result	0.60
Aug.14, 2024	Madden Cottage post Aerosol	0.91
Nov.14, 2025	Ashdown Cottage test 2	1.48
Feb.24, 2025	Hamilton Cottage 1	1.37
Nov.25, 2025	Hamilton Cottage Main	1.75
Jan.27, 2026	Glendinning Cottage	1.41
Dec.8, 2025	Jessiman Cottage	1.82
Jan. 29, 2026	Lawson Cottage initial	1.24
Feb. 5, 2026	Lawson Cottage Aerosol result	0.22

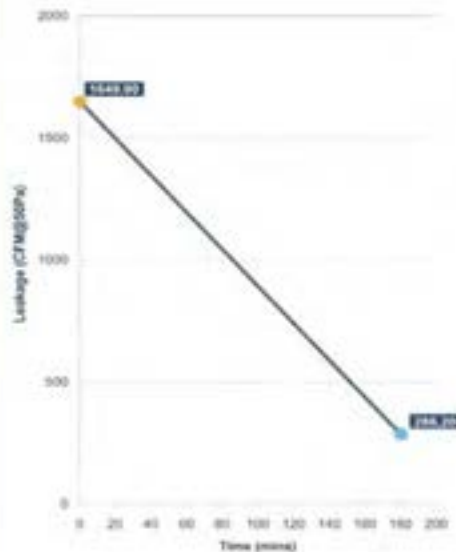




SEAL REPORT

Envelope sealing performed for:
TAMARACK NORTH LTD
78 TORAJD ROAD
78 TORAJD ROAD UNIT - B, Lot#: UNIT B
SEQUIM, ON 9858
Phone:

Date: 2/5/2025
Floor Area: 2000.00 sq ft
Structure Volume: 78290.00 cu ft



ACH@50Pa

1.26

ACH@50Pa

0.22

ACH@50Pa

Leakage equivalent to

198.7 Sq.ft

34.5 Sq.ft



Before



After

82.7%
Reduction in
Envelope
Leakage

03:00
Minimum
Seal Time

Note: Envelope leakage and air change results were measured at a FLOWMETER (CFM@50Pa) and 50Pa at 10 ft.

Envelope sealing performed by:

Phone:

Aeroseal Case ID: 35171
Hardware: AeroBarrier Select

Scan for more details

Aeroseal
aeroseal.com
877-909-9899
info@aeroseal.com



HOUSE COMPONENTS	Default Building Code Package (1)	Anticipated Final Package	MINIMAL
Fuel Source	All Electric	All Electric	All Electric
Ceiling with Attic Space	R60 blown insulation at 10' Head	R60	R60
Ceiling - Vault - Flat	R21	R26	R26
Roof Gable Walls Storage Wall Headers	2x6 @ 16" o.c w/ R22 + RT 5.0	2x6 @ 16" o.c w/ R14 BR5 + R10.4 (2" MD SPF) + RB Ac	2x6 @ 16" o.c w/ R14 BR5 + R10.4 (2" MD SPF) + RB Ac
Exposed Floors	R21	R21	R21
Foundation Wall	R20 ft	R21 ICF	R22 ICF
Under Basement Slab	When Applicable by Building Code	R18	R18
Windows & Sliding Glass Doors <small>(See Appendix A-B for Window Schedule)</small>	UV 13, DR 25	UV 12	UV 12
Airtightness	22 ACH @ 50 Pa (Assumed)	13 ACH @ 50 Pa (Per program requirement)	23 ACH @ 50 Pa (Assumed)
Passive Ventilation	5% SRE (with ERV)	7% SRE (with 130 ERV)	7% SRE (with 130 ERV)
Space Heating	7.1 HSPF Air Source Heat Pump	3.85 COP Ground Source Heat Pump	3.85 COP Ground Source Heat Pump
Space Cooling	14 SEER if Provided by Builder	18 SEER Ground Source Heat Pump	18 SEER Ground Source Heat Pump
Domestic Water Heater	3.8 EF Electric Tank	0.90 EF Electric Tank John Wood E407E-40200 30	0.90 EF Electric Tank John Wood E407E-40200 30
Drain Water Heat Recovery	42% Efficient (Saving Tax Dollars)	Not Installed	Not Installed
Bathroom Fans <small>(See Appendix A-B for Schedule)</small>	No requirement	5.7 L/min or less	5.7 L/min or less
Shower Heads <small>(See Appendix A-B for Schedule)</small>	No requirement	7.6 L/min or 2.0 gpm	7.6 L/min or 2.0 gpm
Ceiling Weather (1)	No requirement	No requirement	No requirement
Exterior (1)	No requirement	No requirement	No requirement
Refrigerator (1)	No requirement	No requirement	No requirement
Lighting	No requirement	100% LED or CFL	100% LED or CFL
Design Heat Load @ 20°C (39°F)	11,341	11,341	10,226
Design Heat Gain @ 21°C (70°F)	23,391	26,991	26,226
A Primary Space Heating	+41%	+10%	+17%
B Secondary Space Heating	-10%	-16%	-16%
C Primary DHW Heating	+1%	-1%	-1%
D Secondary DHW Heating	-1%	-1%	-1%
E Lights & Appliances	+1%	+1%	+1%
F HRV and Fans	+1%	+1%	+1%
G Air Conditioner	+1%	+1%	+1%
Total Energy Consumption (kBtu)	176	192	97
Performance Improvement Over Baseline	-	40%	43%
1x Electricity Consumption (kBtu)	4729.6	2847.8	2705.3





Crop



























































































































BEAGLE
TAYLOR COLLECTIBLES





























































