

From: [Richard Lewis](#)
To: [Jerry Culman](#); [Alison Middleton](#); [Drew Warner](#); [Garth Greenan](#); [Kama Ross](#); [Richard Thompson](#); [Steve Christensen](#)
Subject: FW: NOTICE - 8/21/24 Leland Dam Authority meeting
Date: Thursday, August 15, 2024 11:03:32 AM
Attachments: [1000007993-id-dcec17ba-b0cf-487b-8e85-e0257d56af5a.png](#)

FYI

From: Patrick J. Machin, P.E. <pat@machinengineering.net>
Sent: Thursday, August 15, 2024 8:01 AM
To: Richard Lewis <rlewis@leelanau.gov>
Cc: Steve Christensen <schristensen@leelanau.gov>; Cathy Hartesvelt <chartesvelt@leelanau.gov>
Subject: Re: NOTICE - 8/21/24 Leland Dam Authority meeting

According to a few internet sources and from what I've heard prior, lpe is a 30-40 year lifespan. Treated lumber is typically 10-15 year max. So double to almost triple.

Patrick J. Machin, P.E.
Principal

(231) 935-1530 EXT. 700
1235 E Front St., Suite A
Traverse City, MI 49686
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www.machinengineering.net



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From: Richard Lewis <rlewis@leelanau.gov>
Sent: Wednesday, August 14, 2024 11:36:38 AM
To: Patrick J. Machin, P.E. <pat@machinengineering.net>
Cc: Steve Christensen <schristensen@leelanau.gov>; Cathy Hartesvelt <chartesvelt@leelanau.gov> **Subject:** RE: NOTICE - 8/21/24 Leland Dam Authority meeting

Good morning Patrick,

Steve, Cathy Hartesvelt met this morning to discuss the options and direction for approval. Given the cost, we are going to take this the County Board of Commissioners next Tuesday night at its Regular Meeting. We will recommend going with the Classic Option #2. What is a length of time I might share with the BOC of the useful life the lpe vs treatment – double? Richard