

## Anna Wynn

---

**From:** Elizabeth Burdick  
**Sent:** Thursday, December 19, 2024 3:08 PM  
**To:** Anna Wynn  
**Subject:** FW: connection with State Radon Program

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Anna, Please add as a Staff (DEEP) exhibit. Thanks.

Regards,

*Liz Burdick*

Director of Land Use & Planning

Town of Ledyard

741 Colonel Ledyard Highway, Ledyard, CT 06339

Telephone: (860) 464-3215 ~ Email: [planner@ledyardct.org](mailto:planner@ledyardct.org)

TOWN HALL HOURS: MON-THURS, 7:30AM – 4:45PM

---

**From:** Parkins, Amanda <Amanda.Parkins@ct.gov>  
**Sent:** Thursday, December 19, 2024 2:57 PM  
**To:** Elizabeth Burdick <planner@ledyardct.org>; Jennifer Muggeo <jmuggeo@llhd.org>  
**Cc:** Fred Allyn, III <mayor@ledyardct.org>; Katie Baldwin <kbaldwin@llhd.org>  
**Subject:** RE: connection with State Radon Program

Good afternoon, Liz,

The Department of Energy and Environmental Protection (DEEP) has a guidance document titled, [Guidance Document for Evaluating Potential Hydrogeologic Impacts Associated with Blasting & Development Activities](#), which may be useful when evaluating proposed developments, road construction projects, or quarries where significant earth removal and/or blasting activities are likely to occur. DEEP states that increased mobilization of radon can occur due to earth removal and/or blasting activities in areas where it is already present in the bedrock formation.

It is hard to definitively state whether or not new pathways will open up as a result of these activities. If the project moves forward, it is recommended that duplicate long-term tests be conducted in homes within a specified radius of the development prior to quarrying. A long-term test is one that would be deployed for no less than 91 days. This will provide a baseline of indoor radon levels prior to any excavation or blasting.

To characterize how quarry development may have affected indoor radon levels, it is recommended that a second set of duplicate long-term tests be conducted in the same homes after work has commenced. Regardless of when an elevated radon level is found in an indoor environment, mitigation is recommended to reduce the level to below the Environmental Protection Agency's (EPA) action level of 4.0 pCi/L.

If there are additional questions or concerns, please do not hesitate to reach out.

Kind regards,



**AMANDA PARKINS, BS**  
**Coordinator, Indoor Environments Unit**  
Environmental Health Section  
Connecticut Public Health  
860-936-1660  
[amanda.parkins@ct.gov](mailto:amanda.parkins@ct.gov)

---

**From:** Elizabeth Burdick <[planner@ledyardct.org](mailto:planner@ledyardct.org)>  
**Sent:** Wednesday, December 18, 2024 11:19 AM  
**To:** Jennifer Muggeo <[jmuggeo@llhd.org](mailto:jmuggeo@llhd.org)>; Parkins, Amanda <[Amanda.Parkins@ct.gov](mailto:Amanda.Parkins@ct.gov)>  
**Cc:** Fred Allyn, III <[mayor@ledyardct.org](mailto:mayor@ledyardct.org)>; Katie Baldwin <[kbaldwin@llhd.org](mailto:kbaldwin@llhd.org)>  
**Subject:** RE: connection with State Radon Program

EXTERNAL EMAIL: This email originated from outside of the organization. Do not click any links or open any attachments unless you trust the sender and know the content is safe.

Hi Amanda & Jennifer, Thanks for your email. The public hearing for the ongoing application for a major excavation at 1737 & 1761 Route 12, Gales Ferry will be closed tomorrow evening 12/19/24, so time is running out for comments. However, I am going to forward the email with attachment submitted by resident expert Brian Sauvageau that I sent to Katie on 11/25/24 in the event Amanda has the time to review and comment.

This application is for a major excavation to create a 26-acre industrial development pad for future industrial uses. The rock excavation is the method that is required to achieve the area & finished grade needed for future development projects on the site. Please contact me with any questions or to set up a time between now and tomorrow to discuss further. Thanks.

Regards,  
*Liz Burdick*  
Director of Land Use & Planning  
Town of Ledyard  
741 Colonel Ledyard Highway, Ledyard, CT 06339  
Telephone: (860) 464-3215 ~ Email: [planner@ledyardct.org](mailto:planner@ledyardct.org)  
TOWN HALL HOURS: MON-THURS, 7:30AM – 4:45PM

---

**From:** Jennifer Muggeo <[jmuggeo@llhd.org](mailto:jmuggeo@llhd.org)>  
**Sent:** Wednesday, December 18, 2024 10:16 AM  
**To:** Elizabeth Burdick <[planner@ledyardct.org](mailto:planner@ledyardct.org)>; Parkins, Amanda <[Amanda.Parkins@ct.gov](mailto:Amanda.Parkins@ct.gov)>  
**Cc:** Fred Allyn, III <[mayor@ledyardct.org](mailto:mayor@ledyardct.org)>; Katie Baldwin <[kbaldwin@llhd.org](mailto:kbaldwin@llhd.org)>  
**Subject:** connection with State Radon Program

Hi Liz –  
Allow me to e-introduce you to Amanda Parkins from DPH. She is available for a virtual meeting or phone call regarding the quarry projects and questions about radon that have come up.

We are available to be part of this discussion however do not have the subject matter expertise to adequately answer questions. I will be out of the office over the holidays but have included Katie Baldwin on this email chain so she can join your discussion if scheduling permits.

Best,  
Jen

**Jennifer Muggeo, MPH** (she/her/hers)

Director of Health

main phone. 860.448.4882 ext. 1300

direct dial. 860.910.0386 (no text)

cell phone. 860.912.1429 (ok to text)

fax. 860.448.4885

[jmuggeo@llhd.org](mailto:jmuggeo@llhd.org)

[www.llhd.org](http://www.llhd.org)

*Your work day/hours may not be the same as mine. Please don't feel obligated to respond outside of your normal working hours*

Promoting healthy communities



**Disclaimer**

The information contained in this communication from the sender is confidential. It is intended solely for use by the recipient and others authorized to receive it. If you are not the recipient, you are hereby notified that any disclosure, copying, distribution or taking action in relation of the contents of this information is strictly prohibited and may be unlawful.

This email has been scanned for viruses and malware, and may have been automatically archived by Mimecast, a leader in email security and cyber resilience. Mimecast integrates email defenses with brand protection, security awareness training, web security, compliance and other essential capabilities. Mimecast helps protect large and small organizations from malicious activity, human error and technology failure; and to lead the movement toward building a more resilient world. To find out more, visit our website.