

**From:** [Knuuti, Karen](#)  
**To:** [Samuel Nicolai](#)  
**Cc:** [Jeffrey Pelletier](#); [wayne.boyd](#); [Tarbuck, Kathy](#); [Dougherty, Sean](#); [Dispirito, Dominique](#); [Gould, Lane](#)  
**Subject:** RE: [External] RE: Implementation Schedule - S-020700-W5-CV-N  
**Date:** Friday, January 10, 2025 11:49:00 AM

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Thanks, Sam. The proposed schedule is acceptable. The permitting submittal should include as complete a building design as possible, with an explanation of additional details that will be provided later.

Please keep us updated on the field pilot trials; staff may want to observe.

Karen Knuuti  
Environmental Specialist, Bureau of Remediation and Waste Management  
Maine Department of Environmental Protection  
(207) 941-4561  
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**From:** Samuel Nicolai <Samuel.Nicolai@casella.com>  
**Sent:** Thursday, January 9, 2025 2:59 PM  
**To:** Knuuti, Karen <Karen.Knuuti@maine.gov>  
**Cc:** Jeffrey Pelletier <Jeffrey.Pelletier@casella.com>; wayne.boyd <wayne.boyd@casella.com>; Tarbuck, Kathy <Kathy.Tarbuck@maine.gov>; Dougherty, Sean <Sean.Dougherty@maine.gov>; Dispirito, Dominique <Dominique.Dispirito@maine.gov>; Gould, Lane <Lane.Gould@maine.gov>  
**Subject:** Re: [External] RE: Implementation Schedule - S-020700-W5-CV-N

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Karen,

We would expect the permitting submittal to include the building footprint, conceptual interior layout, the details of the secondary containment, and the locations of piping entering and exiting the building. The more detailed building design would be intended for the preparation of drawings and specifications for construction, including structural details, electrical/HVAC, and similar information that we would not expect to be important to the permitting processes. We, of course, would work closely with the Department to ensure that the permitting submittals are robust and meet the necessary requirements.

The field pilot work would involve the installation of pilot-scale treatment equipment to evaluate the effectiveness of treatment on actual facility leachate over a short-duration period, typically a few months. Treatment technology vendors, including foam fractionation

and reverse osmosis vendors, have smaller-scale containerized units that can be utilized for these short-term evaluations. We would utilize the information collected during these evaluations to inform the final design and technology selection. In all cases, treated leachate would be returned to the onsite leachate tanks, and no changes to the offsite disposal leachate would be proposed.

Let us know if this answers your questions.

Thanks, Sam

**Samuel C. Nicolai, PE**

Vice President of Engineering & Compliance

**Permits, Compliance, & Engineering (PCE)**

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**From:** Knuuti, Karen <[Karen.Knuuti@maine.gov](mailto:Karen.Knuuti@maine.gov)>

**Sent:** Monday, January 6, 2025 11:05:22 AM

**To:** Samuel Nicolai <[Samuel.Nicolai@casella.com](mailto:Samuel.Nicolai@casella.com)>

**Cc:** Jeffrey Pelletier <[Jeffrey.Pelletier@casella.com](mailto:Jeffrey.Pelletier@casella.com)>; Wayne Boyd <[Wayne.Boyd@casella.com](mailto:Wayne.Boyd@casella.com)>;

Tarbuck, Kathy <[Kathy.Tarbuck@maine.gov](mailto:Kathy.Tarbuck@maine.gov)>; Dougherty, Sean <[Sean.Dougherty@maine.gov](mailto:Sean.Dougherty@maine.gov)>;

Dispirito, Dominique <[Dominique.Dispirito@maine.gov](mailto:Dominique.Dispirito@maine.gov)>; Gould, Lane <[Lane.Gould@maine.gov](mailto:Lane.Gould@maine.gov)>

**Subject:** [External] RE: Implementation Schedule - S-020700-W5-CV-N

Thanks, Sam. We've reviewed the schedule and noticed that the detailed building design is proposed to be done many months after the permitting submittals. Could you explain what you expect to be in the permitting submittals and the detailed building design, which is proposed to be done later? Also, please give a little more information on what would be included in the field pilot work regarding evaluation of technologies.

Karen Knuuti

Environmental Specialist, Bureau of Remediation and Waste Management

Maine Department of Environmental Protection

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**From:** Samuel Nicolai <[Samuel.Nicolai@casella.com](mailto:Samuel.Nicolai@casella.com)>  
**Sent:** Friday, December 27, 2024 1:47 PM  
**To:** Knuuti, Karen <[Karen.Knuuti@maine.gov](mailto:Karen.Knuuti@maine.gov)>; Dispirito, Dominique <[Dominique.Dispirito@maine.gov](mailto:Dominique.Dispirito@maine.gov)>; Tarbuck, Kathy <[Kathy.Tarbuck@maine.gov](mailto:Kathy.Tarbuck@maine.gov)>; Gould, Lane <[Lane.Gould@maine.gov](mailto:Lane.Gould@maine.gov)>  
**Cc:** Jeffrey Pelletier <[Jeffrey.Pelletier@casella.com](mailto:Jeffrey.Pelletier@casella.com)>; wayne.boyd <[wayne.boyd@casella.com](mailto:wayne.boyd@casella.com)>  
**Subject:** Implementation Schedule - S-020700-W5-CV-N

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Please see the attached submittal. Do not hesitate to reach out if you have any questions.

Thank, Sam

**Samuel C. Nicolai, PE**

Vice President of Engineering & Compliance

**Permits, Compliance, & Engineering (PCE)**

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