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October 9, 2024

Town of Ledyard Planning and Zoning Commission 741 Colonel Ledyard Highway Ledyard, CT 06339

Re: Pending Special Permit, Site Plan and Coastal Site Plan Applications of Gales Ferry Intermodal, LLC for properties at 1737 and 1761 Connecticut Route 12, Ledyard, Connecticut

Dear Commissioners:

At the continued public hearing held before the Ledyard Planning and Zoning Commission with respect the above referenced applications on Thursday, September 26, 2024, questions were posed of the Applicant's consulting experts either by Commission Members or Attorney Carroll with respect to evidence introduced into the record of the permitting proceeding before your Commission. While many of the questions were answered, certain questions posed required further investigation by the Applicant's consulting experts.

Therefore, the Applicant is submitting herewith responses to specific questions which were posed, and which were not fully addressed in the September 26, 2024 permitting proceeding. In response to unanswered questions posed, attached please find the following:

- 1. Response memorandum of George Andrews, Registered Professional Engineer with Loureiro Engineering Associates, Inc. addressing the following questions:
 - (a) What is the primary source for water which will be utilized by the Applicant to control site generated dust, both with respect to operational areas and operational equipment?
 - (b) How much water will be utilized for dust suppression on a typical operational day; and, if that water is obtained from the public water supply produced by Groton Utilities and distributed through the distribution system maintained by the Ledyard Water Pollution Control Authority, will it have an adverse impact on the Ledyard municipal potable water supply system?

(c) Has the Gales Ferry Fire Department been contacted to express concerns over the use of the fire hydrant located on the Gales Ferry Intermodal, LLC property as one of several available sources of water supply for site operations?

The attached letter from Loureiro Engineering Associates, Inc. addresses questions (a) and (b) posed above. With respect to question (c), we note the following: the hydrant located on the Gales Ferry Intermodal, LLC property is interior to our client's property located distant 600 feet, more or less, from Connecticut Route 12 (Military Highway). It is a private improvement owned by our client. It is not owned by the Gales Ferry Fire Department. While the Gales Ferry Fire Department will have access to this improvement for fire suppression purposes, it has no ownership interest in the hydrant or the water supply provided through the hydrant. Therefore, no fire company approval is necessary in order to enable the use of this private improvement as a potential water source for site dust suppression purposes.

- 2. Response memoranda from Maine Drilling and Blasting authored by Christopher Scott, Pre-Blast and Claims Supervisor addressing the following questions posed to Timothy Harmon during the public hearing process conducted on September 26, 2024:
 - (a) Does Maine Drilling and Blasting have a privacy policy for retention of the preblast videos?
 - (b) What complaints have been received with respect to blasting activities conducted by Maine Drilling and Blasting on behalf of Bove Brothers at the Baldwin Hill, Gales Ferry, Connecticut site?
 - (c) How are damage claims for alleged damage caused to structures by blasting handled?

We also note that a question was posed concerning blasting in close proximity to sensitive receptors over a long period of time. This question will be addressed by Dr. Cathy Aimone-Martin in a presentation to be made at the continued public hearing to be held on October 10, 2024.

- 3. Response memorandum from Suzanne Pisano, a Registered Professional Engineer in the State of Connecticut on behalf of Verdantas:
 - (a) What safety factors have been incorporated into the air quality modeling?
 - (b) A question was posed as to the source of the particulate generated by a lawn mower utilized as an example by Suzanne Pisano in her presentation.

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- (c) A question was posed as to whether or not the average particulate concentration levels determined by modeling are accurate since the facility is only proposed to operate from 7:30 a.m. to 5:30 p.m., not on a 24/7 basis.
- (d) Are vehicle emissions from site vehicles included in the model?
- (e) What additional permits are required to enable the project?
- (f) Which agencies have regulatory authority over the project operations?
- (g) What is the basis for the selection of weather station locations utilized in formulating the model?
- (h) Does the weather data input into the model include barometric pressure?
- (i) Are the National Ambient Air Quality Standards required?

Professional consultants retained by Gales Ferry Intermodal, LLC will be available to address any further comments posed either by Commission Members or proceeding parties during the public hearing process.

Very truly yours,

JAD III

HBH/rmb Enclosures

Cc: Wilson T. Carroll, Esquire