



Tweed New Haven Airport Authority (TNHAA)

Environmental Stewardship Committee (ESC)

Minutes of October 15, 2024 via Zoom

Attendance

Members in Attendance: Tom Rafter, Linda Hennessey, Michael Jones, Giovanni Zinn, Rose Chatterton, Chuck Licata, Justin Donaldson, Jeremy Nielson, and Carlos Eyzaguirre.

Members Absent: Ken Dagliere and David Valentino.

Others in Attendance: Felipe Surriel

Agenda

1. Approval of Minutes from August 20, 2024 Meeting
2. Updates
 - a. Noise Website Update
 - b. Envirosuite Demo
 - c. Sound Insulation Phase Update
 - d. LNAV Departure Procedure
 - e. ATC Meeting Recap
 - f. Air Quality Monitoring Update
 - g. Rental Car / Electric Chargers
3. Next Meeting – Date, Time, Topics

Minutes

Chairman Rafter called the meeting to order at 2:05 PM. The first agenda item was the approval of the minutes from the previous Environmental Stewardship Committee (ESC) meeting held on August 20, 2024. Ms. Chatterton moved to approve the minutes, and Ms. Hennessey seconded the motion. Chairman Rafter asked if there was any discussion. Hearing none, he called for a vote. The minutes were approved unanimously.

The meeting began with Mr. Rafter handing the floor to Mr. Nielson, who provided updates regarding recent developments. Mr. Nielson announced that a formal agreement with Envirosuite had been entered approximately a week prior, and a 15-20 minute presentation on Envirosuite's products was scheduled for the Board Meeting the following day. This presentation is intended to familiarize the Board and community members with the tools available for their use. Mr. Nielson encouraged group members to participate in the upcoming presentation and outlined future plans, including a community meeting in November to introduce the Tweed-specific program. This meeting will include a tutorial, where attendees will learn how to use Envirosuite's web-based platform to track flights in near real time and access detailed flight data. Mr. Nielson highlighted the benefits this platform offers in providing community members with access to flight details and data that are often requested. Additionally, there are tools within the platform for the airport to generate reports for public sharing.

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Mr. Rafter inquired about the inclusion of two mobile noise monitors, which Mr. Nielson confirmed, stating that this would likely occur in a second phase of the project. He emphasized the importance of training from Envirosuite's technicians for the deployment and interpretation of these monitors, which filter out non-aircraft noise and provide noise values for aircraft. The data gathered from these monitors will help the airport improve its noise footprint, especially when deployed into the neighborhood environment.

Discussion then shifted to the relationship between Envirosuite and the updates to the HVN noise website. Mr. Nielson confirmed that the website, which was initially created for the residential sound insulation program (RSIP), was being revamped with new features such as interactive GIS mapping, allowing users to check their property's location within noise contours. A new pilot program is being developed for the Residential Sound Insulation Program (RSIP), with the website helping residents determine eligibility. Additionally, the website will incorporate elements from the Envirosuite program and offer new features, including a program to distribute HEPA filters to homes within a specific radius of the airport, based on community requests.

Ms. Chatterton raised a question regarding the availability of the revamped website, and Mr. Nielson clarified that the website was not live yet but had been demonstrated at a previous meeting. Mr. Jones further explained that the goal is to consolidate the various program resources into one accessible location, streamlining access to information.

Further discussions touched on the connection between individual air quality monitors and their potential integration into the program. Mr. Nielson confirmed that one monitor had already been installed on the airfield, and additional resources may be linked via the website.

Mr. Rafter provided an update on the sound insulation program and mentioned ongoing work to establish a formal FAA community roundtable to address noise issues at the airport. He referenced similar programs at Seattle/Tacoma Airport, where subcommittees and working groups help structure community feedback on noise.

The meeting then moved to updates on air quality, electric vehicle (EV) chargers, and a recent partnership with NASA and the National Renewable Energy Laboratory (NREL). Mr. Jones discussed the installation of EV chargers and the growing inventory of electric rental vehicles available at the airport. He also highlighted the airport's participation in a project to assess future electric needs for both vehicles and electric aircraft. This project will model the demands on airport infrastructure and explore potential benefits for the local community, such as providing excess power to the grid.

Mr. Rafter briefly shared insights from a conference presentation by Waymo, discussing the advancements in autonomous vehicles and how this technology may evolve in the future.

In closing, Ms. Chatterton requested an update on the website revamp, which Mr. Nielson agreed to provide via email. Mr. Rafter reminded everyone of the Envirosuite demo scheduled for the next day, October 16, at the TNHAA Board Meeting. The meeting concluded with Mr. Rafter announcing that the next ESC meeting is scheduled for December 17, 2024, at 2 PM. A motion to adjourn was made by Ms. Chatterton and seconded by Mr. Hennessey, with all members in favor. The meeting was then adjourned at approximately 2:30 PM.