

Sparta Level 2 Charging Station

DAQ Site Visit August 24, 2021

NCDEQ, Division of Air Quality



Site Overview

The Town of Sparta is a step back in time – friendly people, relaxing atmosphere, and beautiful countryside. The Town is in the northwest mountains of North Carolina and is a close drive from the cities while also “miles away” from anywhere. The Sparta Level 2 Charging Station project was one of 77 Level 2 infrastructure projects selected for funding in Phase 1 of the NC Volkswagen (VW) Settlement Program. This project received a Phase 1 VW rebate of \$10,000 for the installation of one Level 2 dual-port charger. The charger is in a publicly accessible municipal parking lot owned by the Town on Main St. where there is access to the charger 24 hours a day, 7 days a week. Blue Ridge EMC was the awarded organization and completed the project as a contractor for the Town.

Level 2 Charging Infrastructure Program Information

In Phase 1 of the NC VW Settlement program there was \$1.1 million was available for Level 2 charging infrastructure projects. Along with the other Phase 1 VW DEQ funded Zero Emission Vehicle (ZEV) infrastructure projects to be installed, these projects will help create ZEV routes from the mountains to the coast in North Carolina.

Executive Order 80

North Carolina has committed to allocate the full fifteen percent allowed by the VW consent decree to light duty vehicle charging infrastructure projects and this will help to fulfill one of Governor Roy Cooper’s goals of Executive Order 80 (increasing the number of registered, zero-emission vehicles to at least 80,000 by 2025). Increasing the availability of electric vehicle charging infrastructure helps to alleviate range anxiety for drivers of electric vehicles and influence more ZEV sales in the state.

N.C. Division of Air Quality

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Additional Site Photos



Additional Program Details

The North Carolina Department of Environmental Quality, Division of Air Quality administers the \$92 million allocation of VW Mitigation Settlement funds for North Carolina. This project was funded in Phase 1 of the program. Phase 2 of the program will combine the originally planned phases two and three into one final phase with the full fifteen percent allowed allocated to ZEV infrastructure projects. The primary goal of the ZEV Infrastructure Program is to increase use of ZEVs in place of gas-powered cars to mitigate nitrogen oxides, particulate matter, and greenhouse gas emissions in the state. To achieve that goal, the program will emphasize adding new ZEV charging infrastructure in underserved areas, extend the existing light-duty ZEV infrastructure across the state, encourage intrastate and interstate ZEV vehicle usage at North Carolina's diverse geographic, historic and tourist attractions and highlight the environmental benefits of ZEVs.

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