

DEQ's Title VI Policy

It is the policy of the North Carolina Department of Environmental Quality (NCDEQ) that no person shall, on the ground of race, color, national origin, sex, age or disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving federal financial assistance as provided by Title VI of the Civil Rights Act of 1964, the Civil Rights Restoration Act of 1987, the Rehabilitation Act of 1973, and all other related nondiscrimination laws and requirements.

Carolina Sunrock – Prospect Hill Air Quality Public Hearing September 21, 2021 @ 6:00 p.m.

- The hearing will begin at 6:03 p.m.
 - **Phone:** +1-415-655-0003
 - **Access Code:** 161 805 4856
 - *3 for phone users to raise their hands
- To access permit documents, visit: <https://deq.nc.gov/carolina-sunrock>
- Public comment period closes September 23, 2021 at 5 p.m.
- Submit comments after the hearing at (919) 707-8726
- Email comments to DAQ.publiccomments@ncdenr.gov
 - Type “Carolina Sunrock – Prospect Hill” in the subject line





September 21, 2021

Carolina Sunrock Prospect Hill Quarry and Distribution Center– Public Hearing

Department of Environmental Quality

Dylan Wright



Application Highlights

- 1700017.21A received (originally) April 22, 2021
- Facility Sources
 - Hot Mix Asphalt plant
 - Drum dryer/mixer, storage silos with truck loadouts, liquid asphalt cement heaters and storage tanks
 - Recycled Asphalt Pavement (RAP) Crushing System
 - RAP crusher, bin, feeder, conveyors, screen
 - Concrete Batch Plant
 - Cement and flyash storage silos, truck loadout, cement/flyash weigh batcher, aggregate weigh batcher
 - Rock Quarry
 - Crushing, conveying, screening operations powered with diesel engines
 - Power Generators



Facility Information

- Permit Operation Limits
 - Annual production limit of 600,000 tons of asphalt
 - Asphalt plant fuel sulfur content limited to 0.5% sulfur by weight
 - Liquid asphalt cement heaters fuel sulfur content limited to 15 PPM sulfur by weight
 - Annual throughput limit of 5,694,000 tons of crushed stone from the quarry equipment
 - Total fuel consumption of the natural gas/propane fired generators limited to 119,697 MMBtu per year of natural gas per year
 - Total fuel consumption of the smaller diesel generators associated with the quarry equipment limited to 569,746 gallons of No. 2 Fuel Oil per year
- Other Requirements
 - Stack testing
 - Requirements to observe local zoning ordinances
 - Recordkeeping and reporting
 - Operate the modeled sources in the manner in which they were modeled



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