



What does the Facility do?

Amazon is constructing a data center at 600 Ben Fairless Drive, Falls Township, Bucks County, Pennsylvania. Data centers are secure facilities filled with powerful computers that store and process information.

Amazon Air Quality Permitting Background

In July 2025, DEP issued Air Quality Plan Approval 09-0261 to Amazon Data Services Inc. (ADS) for the installation of seventy-two (72) critical emergency diesel-fired generator engines and four (4) house emergency diesel-fired generator engines. These generator engines only provide backup electricity to the data center in the event of a main utility power supply interruption.

What did Amazon propose with the current pending application?

In April 2026, ADS submitted to DEP a plan approval application for the installation of two hundred eighty (280) critical natural gas-fired generator engines and three (3) diesel-fired emergency generator engines. These generator engines will only provide backup electricity to the data center in the event of a main utility power supply interruption and for other limited testing and maintenance purposes.

How will this affect air emissions?

All facilities must follow the applicable statutes and regulations, including emissions limits. The nitrogen oxide (NOx) emission limit for this facility is 24.9 tons. With the current plan approval application, Amazon has not requested any increases to their emission limits and will continue to be a synthetic minor source of air emissions. To ensure compliance with these emission limits, Amazon will limit their fuel usage across their engines. The actual annual NOx emissions from Amazon are projected to be similar to various hospitals, universities and snack food facilities in PA.

What will change in Amazon's' Plan Approval as a result of this permitting action?

DEP will incorporate into the plan approval the applicable state and federal requirements for the proposed generator engines and fuel usage limits to ensure compliance with the site's emission limit.

Where can I review the application?

Please e-mail your request to: ra-epseroaqpubcom@pa.gov

Does DEP regulate where data centers go?

No. Municipalities ensure that proposed industries are in compliance with local zoning requirements. DEP's authority is limited to environmental permitting and compliance. Once the zoning for a data center is approved, DEP reviews all applicable state and federal environmental requirements for the proposed air-emitting sources, in this case, generator engines.

Does DEP regulate noise/light?

No. DEP does not regulate noise or light. DEP's authority is limited to environmental permitting and compliance under state and federal laws. Developers must comply with all local ordinances in addition to obtaining the necessary environmental permits from DEP. Any concerns related to noise or light should be directed to Falls Township.

Will this data center consume a lot of water?

Many data centers use water for cooling and for onsite drinking and plumbing use. DEP's evaluations and permitting processes help ensure that any proposed water use is managed within state and federal requirements to protect local water resources and public water supplies. It is the responsibility of the local water utility to update its drought contingency plans whenever new high-volume customers, such as data centers, are added to their water system. DEP would not authorize any project that would negatively affect a community's drinking water.



How will Amazon ensure the safe storage of onsite fuel?

Tank-handling activities, including installation, must be performed or directly overseen by a third-party DEP-certified installer to ensure compliance with state regulations and local municipal codes. Once installed, the diesel tanks must be registered with DEP. Amazon is required to perform monthly maintenance and general operations checks. Identified deficiencies must be addressed and documented. Additionally, any regulated above ground storage tank over 5,000 gallons will undergo third-party in-service inspections every five years to evaluate the tank system integrity.

How can I learn more?

DEP will be hosting a public informational meeting on Tuesday, July 14, 2026 at Pennsbury East High School auditorium, 705 Hood Boulevard, Fairless Hills, PA 19030, from 6:00 PM to 8:00 PM. DEP will be accepting pre-submitted questions for the meeting at ra-epseroaqpubcom@pa.gov through July 8. Prior to the DEP meeting that evening, Amazon will be hosting a project displays informational Open House at the Pennsbury East High School cafeteria from 4:00 PM to 5:45 PM.

How can I comment on the Air Quality Plan Approval?

The public comment period on DEP's proposed decision on the air quality plan approval will be open for 30 days after publication in the Pennsylvania Bulletin. The notice will be published shortly after the community information meeting and will advise the public to send comments to: ra-epseroaqpubcom@pa.gov.

Can comments outside this permit action be considered by DEP?

DEP can only consider comments specifically related to the item under review with the air quality plan approval application. Any comments related to siting, noise or light should be directed to Falls Township.