PERMIT AMENDMENT NO. 7374-113-0073-S-01-1
ISSUANCE DATE: 02/16/2024

GEORGIA
DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

Air Quality – Permit Amendment

In accordance with The Georgia Air Quality Act, O.C.G.A. Section 12-9-1, et seq and the Rules, Chapter 391-3-1, adopted pursuant to or in effect under that Act, Permit No. 7374-113-0073-S-01-0 issued on October 11, 2023 to:

Facility Name:	**QTS Fayetteville I, LLC**
Facility Address:	**1435 Hwy 54 West** **Fayetteville, Georgia 30214, Fayette County**
Mailing Address:	**6431 Longhorn Dr** **Irving, Texas 75063**
Facility AIRS Number:	**04-13- 113-00073**

for the following: **The operation of a new data center with 205 diesel-fired emergency generators and one diesel-fired pump.**

is hereby amended as follows: **The construction and operation of two additional diesel-fired emergency generators.**

Reason for Amendment: 29080, signed November 1, 2023

This Permit is further subject to and conditioned upon the terms, conditions, limitations, standards, or schedules contained in or specified on the attached 2 page(s).

This Permit Amendment is hereby made a part of Permit No. 7374-113-0073-S-01-0 and compliance herewith is hereby ordered. Except as amended hereby, the above referenced Permit remains in full force and effect.

Jeffrey W. Cown

Jeffrey W. Cown, Director
Environmental Protection Division

MODIFIED

2.1 The Permittee shall not cause, let, suffer, permit, or allow the total consumption of diesel fuel to exceed 670,000 gallons during any 12 consecutive month period in the emergency generators (Source Code: EG001 through **EG207**) and fire pump (Source Code: FP001).
[Avoidance of Part 70]

2.2 The Permittee shall comply with all applicable requirements of 40 CFR 60 Subpart A – "General Provisions" and Subpart IIII – "Standards of Performance for Stationary Compression Ignition Internal Combustion Engines" for the operation of the emergency generators (Source Codes: EG001 through **EG207**).
[40 CFR 60 Subpart A and Subpart IIII]

2.8 The Permittee shall limit the operation of the emergency generators (Source Codes: EG001 through **EG207**) to the following criteria:
[391-3-1-.02(2)(mmm)8]

a. Operate only for routine testing and maintenance, when electric power for the local utility is not available, or during internal system failures;

b. Total annual operation for each generator is less than 500 hours per year;

c. The Permittee shall limit the operation for routine testing and maintenance during the months of May through September to the hours between 10 p.m. and 4 a.m. Operation for routine testing and maintenance during the months of January through April and October through December may be done during any time of day; and

d. The facility maintains records of all operation, including the reason for the operation.

For each emergency generator that cannot meet the definition of "Emergency standby stationary engine" found in Georgie Rule 391-3-1-.02(2)(mmm)8 for data centers, the Permittee shall not discharge, or cause the discharge, into the atmosphere, from each engine, any gases which contain nitrogen oxides (NO_X) in excess of 80 ppm at 15% oxygen, dry basis during the ozone season. For purposes of this permit, the ozone season is defined as the time period beginning May1 and ending September 30.

2.9 The Permittee shall comply with all applicable requirements of 40 CFR 63 Subpart A – "General Provisions" and Subpart ZZZZ – "national Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines" for the operation of the emergency generators (Source Codes: EG001 through **EG207**).
[40 CFR 63 Subpart A and Subpart ZZZZ]

2.10 The Permittee shall not discharge or cause the discharge into the atmosphere from the emergency generators (Source Code: EG001 through **EG207**) any gases which exhibit opacity equal to or greater than 40 percent.
[391-3-1-.02(2)(b)]

5.1 The Permittee shall install, calibrate, maintain, and operate a non-resettable continuous monitoring system (or device) for each emergency generator (Source Code: EG001 through **EG207**) to monitor and record the hours operated during emergency service, to monitor and record the hours of operation in non-emergency service (maintenance and/or testing), and to monitor and record the cumulative total hours of operation. Each system shall meet the applicable performance specification(s) of the Division's monitoring requirements.
[40 CFR 60.4209(a)]

7.2 The Permittee shall keep records of the following for the emergency generators (Source Code: EG001 through **EG207**).
[40 CFR 60.4211(a) and 40 CFR 60.4211(c)]

a. Documentation from the engine manufacturer that the engine is certified to meet the emission standards of 40 CFR 60 Subpart IIII. The engine manufacturer certifications shall be kept for the life of the engine.

b. Copy of the manufacturer's written operating and maintenance instructions or operating and maintenance procedures developed by the Permittee that are approved by the engine manufacturer. Records shall be maintained for a period of five (5) years in a format suitable for inspection by or submission to the Division.