

**ALLEGHENY COUNTY HEALTH DEPARTMENT  
AIR QUALITY PROGRAM**

July 11, 2013

**SUBJECT:**     **Switch & Data PA Two LLC dba 365 Main**  
100 South Commons  
Pittsburgh, PA 15212  
Allegheny County

**Synthetic Minor Source Operating Permit No. 0833a**

**TO:**            Sandra L. Etzel  
Chief Engineer

**FROM:**         JoAnn Truchan, P.E.  
Air Quality Engineer

**FACILITY DESCRIPTION:**

Switch & Data PA Two LLC dba 365 Main operates a computer management facility at 100 South Commons in Pittsburgh. The data center has an emergency generator to provide back-up in the event of a power failure

The facility is a synthetic minor source of nitrogen oxides (NO<sub>x</sub>); and a minor source of particulate matter (PM), particulate matter <10 µm in diameter (PM<sub>10</sub>), particulate matter <2.5 µm in diameter (PM<sub>2.5</sub>), sulfur oxides (SO<sub>x</sub>), carbon monoxide (CO), volatile organic Compounds (VOCs) and hazardous air pollutants (HAPs) as defined in §2101.20 of Article XXI.

**AMENDMENT DESCRIPTION:**

Operating Permit #0833 was revised to reflect a change of ownership from Equinix to 365 Operating Company (365 Main). Operation of the generator at the site will still be through Switch & Data PA Two, LLC. Revisions were made to Section I: Contact Information, Section II: Facility Description, and Section VIII: Emissions Limitations Summary. No other changes were made to the permit.

**PERMIT APPLICATION COMPONENTS:**

1. Operating Permit Amendment application #0833a, dated June 20, 2013
2. Operating Permit #0833, issued February 22, 2012
3. Correspondence, dated June 24, 2013 (signed application forms)

**RECOMMENDATION:**

All applicable Federal, State, and County regulations have been addressed in the permit application, and the facility is not in violation of the provisions of Article XXI, §2102.04.k. The Operating Permit Amendment for Switch & Data PA Two LLC (365 Main) should be approved with the emission limitations and terms & conditions in Permit No. 0833a.