

**ALLEGHENY COUNTY HEALTH DEPARTMENT
AIR QUALITY PROGRAM**

May 2, 2016

SUBJECT: Dice Compressor Station
2300 PA Route 286
Plum Borough, PA 15239
Allegheny County

Administrative Amendment: Minor Source Installation Permit No. 0033-I001a

TO: Sandra L. Etzel
Chief Engineer

FROM: Michael Dorman
Air Quality Engineer

FACILITY DESCRIPTION:

Peoples Natural Gas - Dice Compressor Station is a natural gas compression and transmission station located in Plum Borough, PA that currently operates one (1) 400 hp reciprocating internal combustion engine (RICE), two (2) 600 hp RICE, one (1) 145 hp emergency generator, one (1) 0.574 MMBtu/hr pipeline heater. The source also has miscellaneous combustion sources including a natural gas-fired Cleaver Brooks boiler, water heater, three (3) space heaters, and furnace.

The facility is currently a synthetic minor source of nitrogen oxides (NO_x) and a minor source of particulate matter (PM), particulate matter < 10 microns in diameter (PM-10), particulate matter < 2.5 microns (PM-2.5), sulfur dioxide (SO₂), carbon monoxide (CO), volatile organic Compounds (VOCs) and hazardous air pollutants (HAPs) as defined in section 2101.20 of Article XXI.

Upon completion of the removal and replacement of the two (2) 600 hp RICE by new engines and the removal or electrification of Compressor 1, the facility will become a natural minor source for all criteria pollutants as defined in §2101.20 of Article XXI.

PERMIT APPLICATION DESCRIPTION

This application is an administrative amendment application requesting a change in the name of the “Responsible Official” for this permit and the designation of an alternate “Responsible Official”.

PERMIT APPLICATION COMPONENTS:

1. Minor Source Installation Permit administrative amendment application requesting a change in the name of the “Responsible Official” and the delegation of an alternate “Responsible Official” for this permit, received April 18, 2016.

REGULATORY APPLICABILITY:

The change to this permit are controlled by §2103.14.b of Article XXI (*Administrative Permit Amendment Procedures*). The change is the designation of a new “Responsible Official”.

The name change of a “Responsible Official” does not require an Installation Permit per §2103.14.b.1.B of Article XXI.

Note: The permittee requested the designation of an alternate Responsible Official. The Department

recognizes only one (1) Responsible Official in an organization. Therefore, only Mr. Becker will be recognized as the Responsible Official. Please refer to the definition of “Responsible Official” in Article XXI §2101.20.

RECOMMENDATION:

All applicable Federal, State, and County regulations have been addressed, and the facility conforms to the provisions of Article XXI, §2103.14.b for the designation of a new Responsible Official. The Administrative Permit Amendment for this Minor Source Installation Permit for the Peoples Natural Gas Company, LLC, Dice Compressor Station should be approved with the emission limitations, terms and conditions in Installation Permit No. 0033-I001a.