

**PUBLIC NOTICE**  
**Air Quality Construction Permit For**  
**Kairos Power, LLC**

Kairos Power, LLC submitted an application to modify an air quality construction permit to the Air Quality Program (Program) of the City of Albuquerque Environmental Health Department. The Program received the application on December 13, 2024. The owner of the facility is Kairos Power, LLC, 707 W. Tower Avenue, Alameda, CA 94501. The facility, Kairos Power Southwest, is located at 5201 Hawking Drive SE, Albuquerque, NM 87106. This application file has been assigned Permit Application No. 1958-M2. The Program has made an affirmative administrative completeness determination and is providing this notice pursuant to 20.11.41.14 NMAC.

The applicant is requesting a modification to Permit #1958-M1-1AR. The applicant is requesting:

The installation of:

- Two (2) 18, 000 acfm Donaldson DFE 4-32 dust collectors
- One (1) carbonizing furnace,
- One (1) Pebble Development Laboratory (PDL)
- Three (3) engineering testing units,
- Seven (7) building exhaust vents
- One (1) 3 HP diesel-fired emergency fire pump

Replacement of:

- One (1) 183 HP John Deere diesel-fired emergency fire pump with one (1) 422 HP diesel-fired emergency fire pump

Modification of:

- One (1) 900 HP Caterpillar diesel-fired emergency generator
- Four (4) 1490 HP Cummins diesel-fired emergency generators

The proposed air pollution maximum allowable emissions from this facility have been estimated to be:

Air Contaminant	Proposed Total Emissions <sup>1</sup>		Proposed Net Changes	
	(lbs/hr)	(tpy)	(lbs/hr)	(tpy)
Nitrogen Oxides (NO <sub>x</sub> )	76.52	20.97	+4.89	+3.02
Carbon Monoxide (CO)	50.28	13.63	+10.08	+3.43
Volatile Organic Compounds (VOC)	4.20	1.18	+0.43	+0.24
Sulfur Dioxide (SO <sub>2</sub> )	10.77	2.72	+10.3	2.58
Particulate Matter ≤ 10 microns (PM <sub>10</sub> )	2.87	1.52	+0.59	+0.93
Particulate Matter ≤ 2.5 microns (PM <sub>2.5</sub> )	2.75	2.73	+0.47	+2.14
Hazardous Air Pollutants (HAP)	4.65	0.77	+4.41	+0.71

<sup>1</sup>The proposed emissions in this notice are provided by the applicant and are subject to change during the course of the Program's review of the application.

A copy of the permit application, all supporting documentation, and the Program's technical analysis, if and when it is completed, may be inspected by the public at the Program offices at Room 3023, One Civic Plaza NW, Albuquerque, NM. Any person who wishes to receive notice of the availability of the Program's technical analysis for review and comment, must expressly request notice in writing to the Program at: Albuquerque Environmental Health Department, Air Quality Program – Permitting Section P.O. Box 1293, Albuquerque, New Mexico 87103 before the end of the public comment period on February 17, 2025. The public will have no fewer than 30 days to submit written comments and evidence, request a public information hearing, or both on the permit application to the Program. Comments will be accepted and considered if postmarked by the end of the public comment period. Formal action on the application will be reserved pending receipt and analysis of any additional details or information developed during the public comment period. Any person who does not participate in the permitting action will not receive notification of the Program's decision regarding the proposed permit, unless the person has delivered a written request for notice to the department. The application, all supporting documentation, and the public notice are available online at <http://www.cabq.gov/airquality/air-quality-permits>.

The Program shall hold a Public Information Hearing pursuant to 20.11.41.15 NMAC if the Director determines there is significant public interest and a significant air quality issue is involved.

The Program expects to issue, issue subject to conditions, or deny this application before April 13, 2025. The Program will not issue any air quality permit with or without conditions unless an air quality ambient impact dispersion modeling study, if deemed necessary by the Program, shows that the facility would not cause or contribute to a potential violation of air quality standards. If the Program issues the permit with conditions, the conditions will include those that limit the emissions, and conditions that will require recordkeeping and reporting to the Program to ensure compliance with federal and local air regulations.

The Program's offices are located at One Civic Plaza NW, Room 3023, Albuquerque, NM 87102. The Program's mailing address is Albuquerque Environmental Health Department, Air Quality Program – Permitting Section, PO Box 1293, Albuquerque, NM 87103.

For more information, contact Jonathan Florez, Senior Environmental Health Scientist, at 505-768-1948 or [jflorez@cabq.gov](mailto:jflorez@cabq.gov).

**NOTICE OF NONDISCRIMINATION AND ASSISTANCE FOR PERSONS WITH DISABILITIES OR SPECIAL NEEDS:** The City of Albuquerque does not discriminate on the basis of race, color, national origin, age, disability, religion, ancestry, sexual orientation, gender identity, spousal affiliation or sex. If you believe you have been discriminated against, you may submit a complaint at <https://www.cabq.gov/civilrights>. You may also contact Amanda Trujillo, Executive Assistant, General Services Division at [amandatrujillo@cabq.gov](mailto:amandatrujillo@cabq.gov).

If you have a disability and require special assistance to participate, please contact Jonathan Florez at 505-768-1948 as soon as possible before the deadline. Those in need of hearing assistance may call 711.