



DEMAND CLEANER AIR FOR SOUTHWEST HOUSTON

Say NO to Particulate Matter pollution in YOUR neighborhood!

NEW AIR PERMIT (No. 183131)

ALLEYTON RESOURCE COMPANY LLC - Two Concrete Batch Plants

Located at: 110 Holmes Road, Houston, Texas 77045

What is being decided?

- Alleyton Resource Company LLC has applied to the Texas Commission on Environmental Quality (TCEQ) for an air quality permit to operate two existing permanent concrete batch plants at 110 Holmes Road, Houston, Texas 77045. The facility manufactures concrete by mixing materials like sand, aggregate, cement, and water. Each of the plants would be authorized to operate 24 hours a day, 7 days a week.
- TCEQ can approve, amend, or reject the permit. The company must have an air permit to operate the facility.

What pollutants are emitted by concrete batch plants?

- Particulate Matter 2.5 (super-fine particles of soot, dust, silica, etc.)
 - When inhaled, it can enter the lung tissue and the bloodstream, triggering asthma attacks and adverse cardiovascular outcomes for vulnerable persons.
- Carbon monoxide, volatile organic compounds, sulfur dioxide, and nitrogen oxides.
 - Long-term exposure to these air pollutants is hazardous to health and well-being.
- Noise and light pollution affect the mental well-being of residents near the facility.

What are the specific concerns about the Alleyton Resource Company facility?

- **Over 1,800 households** are within 1 mile of the proposed facility.
- Aggregate facilities like this one are disproportionately located in working-class communities of color, placing an undue environmental and health burden on these communities. The community within 1 mile of the proposed facility is comprised of:
 - 69% people of color
 - 37% identifying as Hispanic or Latino
 - 21% identifying as Black
 - 5% identifying as Asian
 - 4% identifying as two or more races
 - 37% low-income households
 - 39% households speak non-English languages at home:
 - 30% Spanish
 - 6% Asian and Pacific Island languages

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a: 2520 Caroline Street, Suite 100, Houston, TX 77004 | p: 713.528.3779 | w: airalliancehouston.org

- The proposed facility would also be **within 2 miles of 13 schools, 25 places of worship, 6 child care facilities, 4 nursing homes, 2 medical clinics, and 6 parks/natural areas, among other sensitive use areas:**

Schools:

- Robert M Beren Academy
- Red Elementary
- Trafton Academy
- Hobby Elementary
- James Madison High
- The Imani School
- Varnett Southwest
- Harmony School of Ingenuity
- The Emery/Weiner School
- St. Catherine's Montessori
- Shearn Elementary
- Corpus Christi Catholic School
- Accelerated Intermediate Academy

Child Care Facilities:

- StarBright Preschool
- DBA First Advantage Learning
- Zondia Williams
- Tatsiana Huryeva
- Khuong Thi Tran
- One Hope Preschool

Medical Clinics:

- The Menninger Clinic
- South Main Clinic

Parks/Natural Areas:

- Wildcat Golf Club
- Westwood Park
- Willow Park
- Brentwood Park
- Cambridge Village Park
- Willow Waterhole Greenway Park

Nursing Homes:

- Paradigm at Westbury
- The Heritage Communities
- Avir at Orem
- Browning One Assisted Living

Places of Worship:

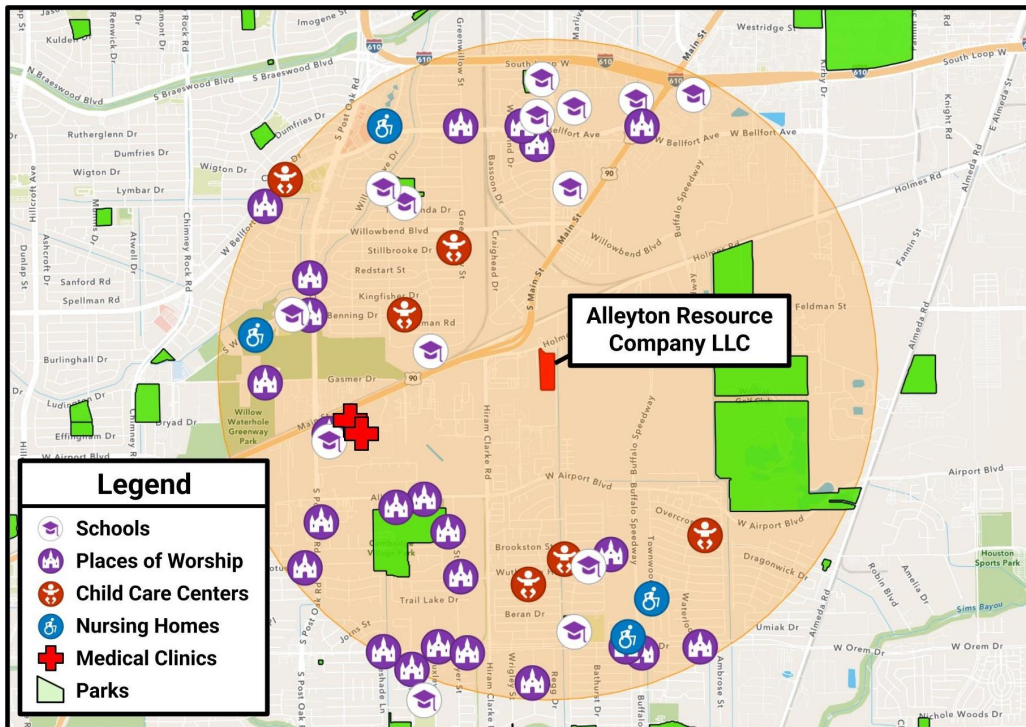
- Brentwood Baptist Church
- Victory in Jesus Evangelistic
- Westbury United Methodist Church
- Willow Meadows Baptist Church
- Grace Episcopal Church
- The Crossing Community Church Southwest
- Lily of the Valley Church of God in Christ
- Fellowship of Faith
- Alameda Plaza Missionary Baptist Church
- New Nation Baptist Church
- St Mary's Malankara Syriac Orthodox Church
- St Gregorios Orthodox Church
- Heavenly Star Baptist
- Emmanuel Eritrean Church
- Greater Truth Temple Worship Center
- Iglesia de Dios Cruzando el Jordan
- Centro de Avivamiento Eben-ezer
- Sharon Fellowship Church Houston
- Christian Assembly of Houston
- Bible Believers Christian Church
- Houston Chinese Church
- Southwest Central Church of Christ
- Transforming Faith Christian Center
- New Testament Church
- The Sanatan Dharm Mandir

- The proposed facility would also be close to several other environmental hazards and pollution sources. These include (within 2 miles) **6 other concrete batch plants/aggregate facilities, 11 hazardous waste sites, 1 former municipal solid waste facility, and a major highway.** The cumulative impact of these facilities poses a significant health risk to nearby communities.

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- **By applying for a case-by-case air permit, Alleyton Resource Company is skirting operation limits and minimum setback distances established by the Standard Permit for Concrete Batch Plants.**
 - The Standard Permit would require a site-wide concrete production limit of 300 yd³/hr and 200-foot setbacks between the property line and the plants. However, this case-by-case permit would allow 600 yd³/hr site-wide production and about 150-foot setbacks. **Operational and setback limits are designed to protect surrounding communities. Allowing this facility to avoid meeting these restrictions raises concerns for the protectiveness of the proposed permit.**
 - In theory, a case-by-case air permit would strengthen protections by requiring modeling that is specific to this property. However, in its modeling, Alleyton Resources used meteorological data from 1988 and represented the surrounding area as “rural,” despite admitting that nearby land use is considered 88% urban. In addition, they only considered one other source of local air pollution, despite the surrounding area containing numerous other air pollution sources impacting the community.
 - Despite skirting operation limits and setback distances, the pollution-reduction methods required by this permit are comparable to those required by the Standard Permit.

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The map to the left shows the proposed facility's **proximity to sensitive areas** in the nearby community.

These sites are especially vulnerable to air pollution, as they are centers of community where vulnerable individuals spend much of their time.

The map to the right shows the proposed facility's **proximity to other environmental hazards and air pollution sources**.

Multiple pollution sources increase an area's cumulative pollution burden, negatively impacting public health.



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What should TCEQ do about the permit application?

- TCEQ should deny the permit and say “no” to the environmental and health harms posed by concrete batch plants like this one. They emit too much air pollution to be located near residential areas.
- Barring a permit denial, TCEQ must strengthen the permit:
 - The plant is not meeting the operation and setback requirements of the Standard Permit. Therefore, pollution reduction practices should be **more stringent** than those required by the Standard Permit.
 - All pollution modeling should reflect the surrounding area. This should include updated meteorological data, modeling the area as an “urban” environment, and modeling the numerous other sources of air pollution in the area, including other aggregate facilities and major roads.
- TCEQ should require fenceline monitoring to ensure community members know the amount of pollution being emitted.

What can I do to slow, stop, or strengthen this permit?

- Type up your comments and submit them to TCEQ online. To submit written comments, go to: <http://www14.tceq.texas.gov/epic/eComment/>. Type “183131” in the Permit Number box. You will be taken to an online form where you can type in your comments or attach a document. The form requires you to provide contact information. **See the next page for a sample comment.**
- Contact your elected officials (listed below) and voice your concerns about this concrete batch plant, which would contribute to the air pollution in your community. Ask them to request a public meeting and submit a public comment opposing the facility.
 - **State Senator:** Borris Miles, 713-223-0387
 - **State Representative:** Harold Dutton, 713-692-9192

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COPY AND PASTE THESE SAMPLE COMMENTS

I live near Alleyton Resource Company's concrete batch plants at 110 Holmes Road and oppose granting this permit.

Aggregate facilities emit health-harming pollutants including:

- Particulate Matter 2.5, which, when inhaled, can enter into lung tissue and the bloodstream, triggering asthma attacks and adverse cardiovascular outcomes for vulnerable persons.
- Carbon monoxide, volatile organic compounds, sulfur dioxide, and nitrogen oxides: all hazardous air pollutants.
- Noise and light pollution, impacting the mental well-being of residents around the facility.

More than 1,800 households are within one mile of the proposed facility. It would be located within 2 miles of a number of other environmental hazards and sources of air pollution, including 6 other concrete batch plants/aggregate facilities, 11 hazardous waste sites, 1 municipal solid waste facility, and a major highway. The cumulative health impact of these sources of air pollution must be considered. In addition, the facility would be located within 2 miles of 13 schools, 25 places of worship, 6 child care facilities, 4 nursing homes, 2 medical clinics, and 6 parks/natural areas, among other sensitive use areas .

I understand that this facility would be a major source of hazardous air pollution, including Particulate Matter, which has been linked to respiratory, cardiovascular, and cancer illnesses. I am writing this to prioritize my health and that of my community. I urge you to take this opportunity to protect the well-being of your fellow Texans—time and time again, TCEQ has failed in doing so.

ADD YOUR PERSONAL TESTIMONY HERE: This can be about your health, your quality of life as affected by this facility, or others, etc.

I want TCEQ to prioritize the community's health, as they have the power to stop these concrete batch plants from exposing me and my neighborhood to continued air pollution and all of its negative health and quality of life impacts. Reject this permit!

END OF SAMPLE COMMENTS

For additional information, contact Air Alliance Houston at (713) 528-3779.

Go to our website for updates on permit campaigns:
www.airalliancehouston.org > Community Updates > AirMail

To join our movement for clean air, sign up for our mailing list by scanning the QR code or by following this link: tinyurl.com/subscribeaah



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