



DEMAND CLEANER AIR FOR EAST HOUSTON / SETTEGAIST

Say NO to Particulate Matter pollution in YOUR neighborhood!

NEW AIR PERMIT (No. 182883)

FIVE STAR READY MIX LLC - Two Concrete Batch Plants

Located at: 8001 Ley Road, Houston, Texas 77028

What is being decided?

- Five Star Ready Mix, LLC has applied to the Texas Commission on Environmental Quality (TCEQ) for an air quality permit to operate two permanent concrete batch plants at 8001 Ley Road, Houston, Texas 77028. The facility would manufacture concrete by mixing materials like sand, aggregate, cement, and water. Each of the two plants would be authorized to operate 12 hours a day, 6 days a week.
- **The concrete batch plants already exist at the site, but their previous air permit has expired, meaning that this permit is necessary for the plants to continue operating.** 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 Five Star Ready Mix facility?

- **Over 3,100 households** are within 1 mile of the proposed facility. There are also **120+ residences within 0.25 miles (440 yards) of the 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:
 - 99% people of color
 - 55% identifying as Black
 - 43% identifying as Hispanic or Latino
 - 63% low-income households
 - 41% households speak non-English languages at home:
 - 39% Spanish
 - 2% Other

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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 6 schools, 30+ places of worship, 11 child care facilities, 3 nursing homes, 4 medical clinics, and 12 parks/natural areas, among other sensitive use areas:**

Schools:

- Hillard Elementary
- Varnett Northeast
- Forest Brook High
- McGowen Elementary
- KIPP Northeast College Prep
- BC Elmore Middle

Child Care Facilities:

- Lil One's Daycare Emporium
- B's Children World Academy
- Champions at KIPP Legacy
- Fonwood Early Childhood Center
- Brooke's Learning Corner
- Academy of Little Achievers
- Head Start-Compton Center
- Kreative 4 Kidz Daycare
- Klever Kids Childcare & Academy
- Bethany Christian Academy
- Dimples Childcare & Learning Center

Nursing Homes:

- Lakewood 24 Hour Personal Care
- HomeTowne on Wayside
- Health-Care Temporaries Inc.

Medical Clinics:

- Harris Health Settegast Health Center
- One Stop Medical Clinic
- Houston Medi-Clinics
- CenterWell

Parks/Natural Areas:

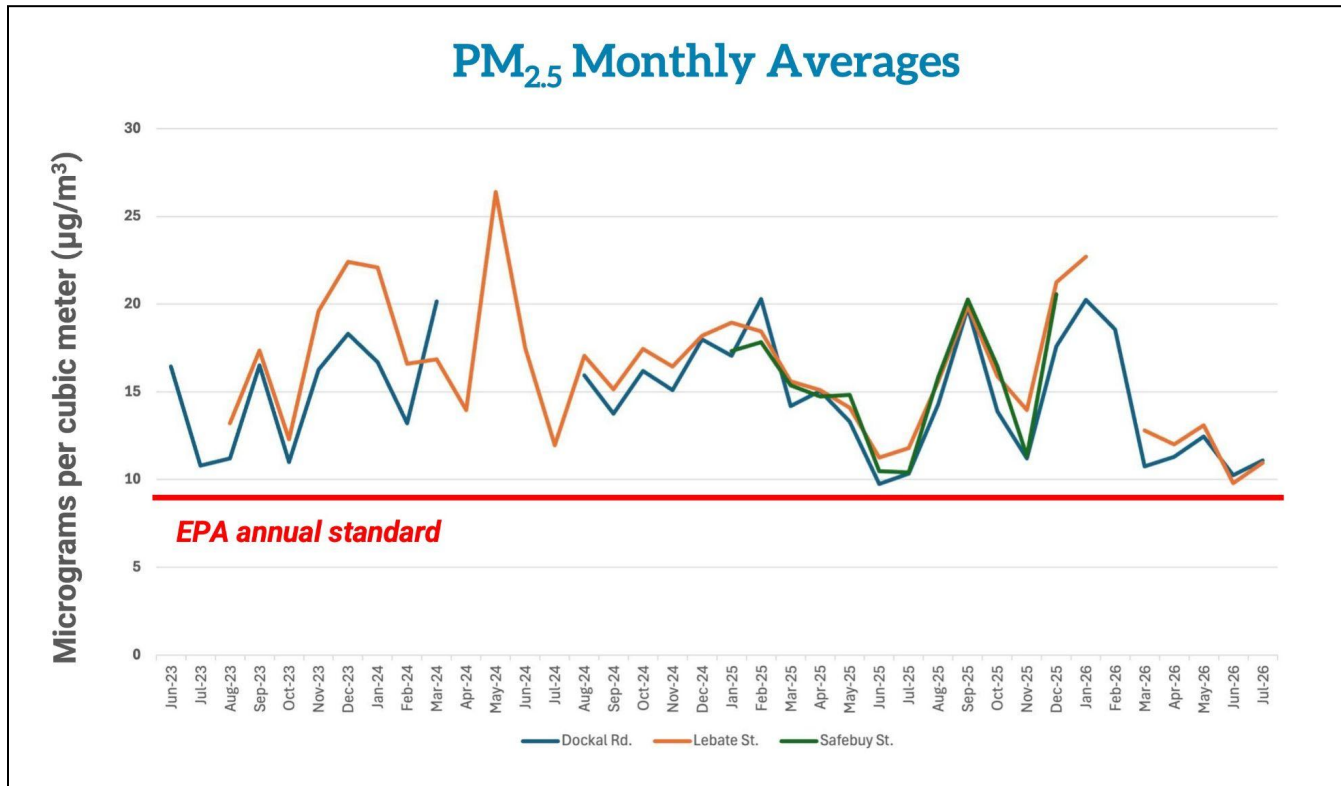
- Lakewood Park
- Grand River Park
- Elbert Park
- Darien Park
- Lake Forest Park
- Hobart Taylor Park
- Halls Bayou
- Rosewood Park
- Houston Gardens Park
- Curtis M Graves Park
- Pelham Park
- Tidwell Park

Places of Worship:

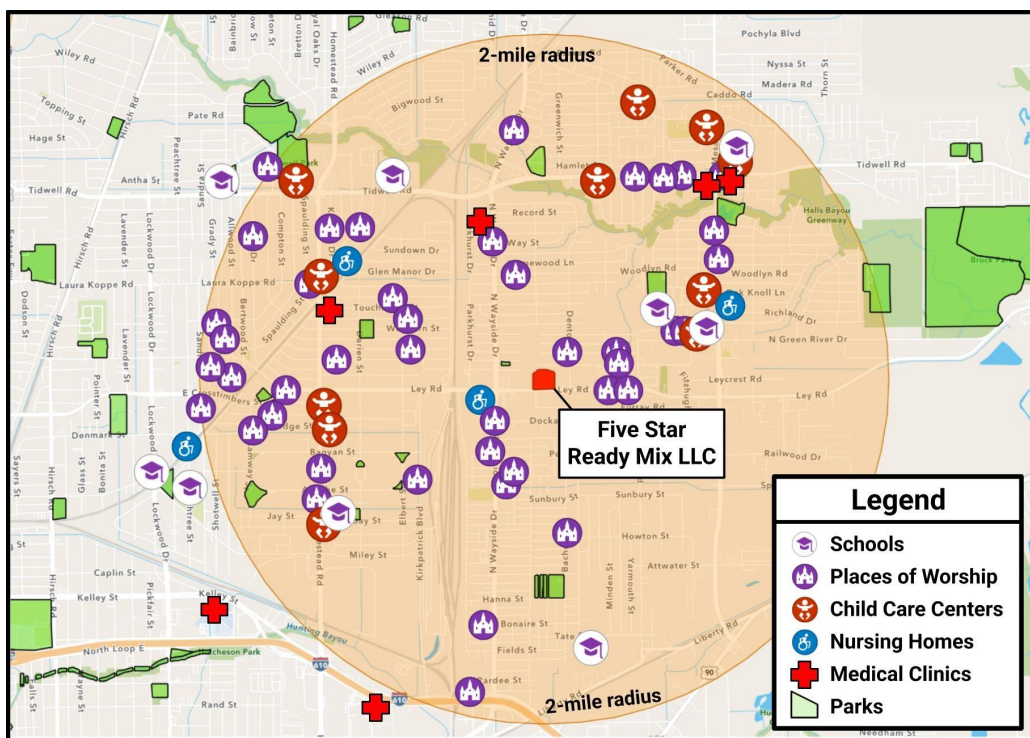
- Church of the Lord Jesus Christ
- Abiding Love Baptist
- The Restoration Church
- Greater Emmanuel Church of God in Christ
- Iglesia Evangélica Jehová Jireh
- Tabernacle of Praise Family Worship Center
- Houston East Park Missionary Baptist
- Faith Tabernacle Apostolic Ministries
- Greater Morning Star Baptist Church
- Lighthouse Missionary Baptist Church
- New Hope Missionary Baptist
- Fellowship of Enlightenment New Community Baptist Church
- Ebenezer Community of Faith
- FaithWalk Church
- Family of Faith Fellowship Church
- True Unveiling Christian Center Church
- Greater New Sanctuary Missionary Baptist
- Greater New Canaan Missionary Baptist
- Solid Rock Apostolic Faith Ministries
- Commandment Missionary Baptist
- Greater Star Missionary Baptist
- Holy Temple of Jesus Christ
- Palm Lane Church of God in Christ
- St John Missionary Baptist
- Willing Workers Baptist Church
- All Saints Missionary Baptist Church
- New Macedonia Missionary Baptist
- Sweet Home Missionary Baptist
- New Bethel Temple Church of God in Christ
- Progressive Faith Church
- St Paul Missionary Baptist Church
- Good Shepherd Missionary Baptist Church
- Mount Canaan Missionary Baptist
- North Wayside Church of Christ
- The Church of the Lord Jesus Christ
- Little Union Missionary Baptist
- The Good Shepherd House of Prayer Missionary Baptist Church

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- The proposed facility would also be close to several other environmental hazards and pollution sources. These include (within 2 miles) **3 other concrete batch plants/aggregate facilities, 6 hazardous waste sites, 2 municipal solid waste facilities, and numerous other industrial facilities**, including the Gold Star Metals metal recycling facility. The cumulative impact of these facilities poses a significant health risk to nearby communities.
- Air Alliance Houston has 3 air monitors located within half a mile of the proposed facility. **These monitors have never recorded fine particulate matter (PM_{2.5}) concentrations that meet the EPA's annual standard of 9µg/m³.** (Note: gaps in monthly averages represent periods of time when AAH monitors were undergoing maintenance or reporting invalid data)



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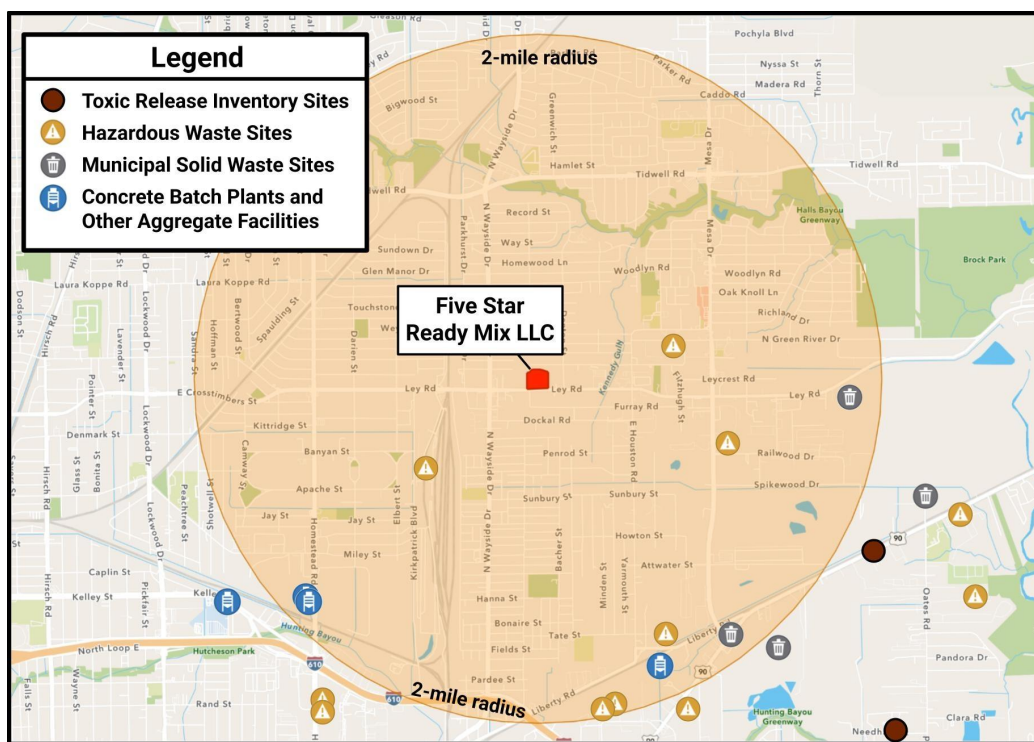


The map to the left shows the proposed facility's **proximity to sensitive areas** in the nearby community.

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 and enforce Best Pollution Control Practices to reduce the plant’s pollution.
- 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?

- If you live within 440 yards (0.25 miles) of the facility, request a Contested Case Hearing. For guidance on how to do so, [click here](#).
- Type up your comments and submit them to TCEQ online. To submit written comments, go to: <http://www14.tceq.texas.gov/epic/eComment/>. Type “182883” 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 Five Star Ready Mix's concrete batch plants at 8001 Ley 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 3,100 households are within one mile of the proposed facility. It would be located close to a number of other environmental hazards and sources of air pollution, including 3 other concrete batch plants, 6 hazardous waste sites, 2 municipal solid waste facilities, and numerous other industrial facilities. The cumulative health impact of these sources of air pollution must be considered. In addition, the facility would be located within 2 miles of 6 schools, 30+ places of worship, 11 childcare facilities, 3 nursing homes, 4 medical clinics, and 12 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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