



City of Martinez City Council Meeting Martinez Alerts

July 19, 2023

Martinez Alerts

- Emergency alerts and community notifications from the City
- Supplementary to the Community Warning System
- State of California NextGen 911 Alert and Warning System powered by Rave Mobile Safety
- Message delivery via text, e-mail or voice*

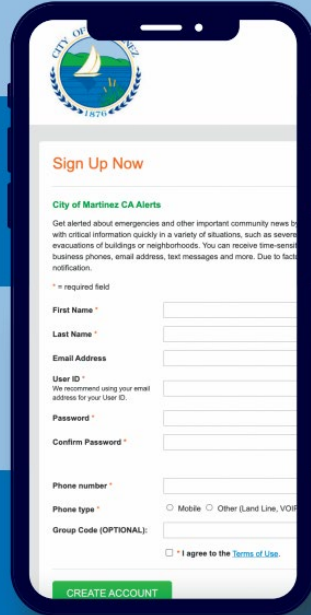


Message Categories

	Text	Voice	Email
<input type="checkbox"/> Emergency Notifications from City of Martinez CA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Public Safety Public safety alerts including active police incidents, fires, at-risk missing persons, hazardous situations, health alerts, crime alerts and incidents of public interest.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Community Important messages from the city, community-related updates, such as neighborhood meetings, town hall sessions, public forums, events and other gatherings aimed at fostering community engagement and participation.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Traffic Disruption Important notifications regarding significant road closures, detours, or traffic disruptions, whether due to accidents, construction, maintenance, or other factors, helping individuals plan alternate routes and avoid delays.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Severe Weather Severe weather alerts from the National Weather Service. Life threatening weather events such as tornado warnings, severe thunder storms and flash flood warnings.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

How to Sign Up

- 1** Visit MartinezAlerts.com
- 2** Create an account
- 3** Select the topics to stay alert on
- 4** Click Save
- 5** You will start getting alerts!



The image shows a smartphone displaying the 'Sign Up Now' page for 'City of Martinez CA Alerts'. The page includes a header with the city logo, a description of the alerts, and a form with fields for First Name, Last Name, Email Address, User ID, Password, Confirm Password, Phone number, and Phone type. There is also a checkbox for 'I agree to the Terms of Use' and a green 'CREATE ACCOUNT' button at the bottom.





Questions?

**RESOLUTION OF THE CITY COUNCIL OF MARTINEZ URGING THE MARTINEZ REFINING
COMPANY TO WITHDRAW ITS LAWSUIT AGAINST THE BAY AREA AIR QUALITY
MANAGEMENT DISTRICT AND COMPLY WITH REGIONAL AIR POLLUTION
REGULATIONS BY INSTALLING A WET GAS SCRUBBER**

WHEREAS, the release of 24 tons of heavy metal-laden spent catalyst by the Martinez Refining Company (MRC) on November 24 and 25, 2022, has adversely affected residents in several Martinez neighborhoods and in surrounding communities; and

WHEREAS, the incident occurred because the electrostatic precipitator, a fire- and explosion-prone pollution control device, had been intentionally turned off, according to the refinery, in order to prevent detonation during a restart of the refinery's fluid catalytic cracker¹; and

WHEREAS, a wet gas scrubber is known to be a more effective particulate matter-control device than an electrostatic precipitator, and would not have required the safety turn-off protocol during the startup of the fluid catalytic cracker²; and

WHEREAS, microscopic-sized particulate matter (PM2.5) is the *most* toxic form of refinery pollutant as it penetrates deeply into the lungs and enters the bloodstream, and is deleterious to the respiratory and cardiovascular systems³; and

WHEREAS, refinery PM2.5 is produced during the recycling of spent catalyst and contains toxic heavy metals such as nickel and vanadium, found in the heaviest, most dense crude oil feedstock typically processed by the Martinez Refining Company⁴; and

WHEREAS, 300 tons of micron-size particulate matter, including PM2.5, are emitted annually from MRC's fluid catalytic cracker, and a vast majority of that 300 tons (.82 tons/day) could be captured by a wet gas scrubber, according to the Bay Area Air Quality Management District (BAAQMD)⁵; and

WHEREAS, the chronic exposure of Martinez residents to 300 tons per year of PM2.5 from MRC's fluid catalytic cracker causes severe long-term health impacts, including asthma and heart disease, and causes 2.8 to 6.3 premature deaths per year⁶; and

WHEREAS, in July 2021, BAAQMD adopted Regulation 6-5 in order to substantially reduce emissions of particulate matter from petroleum refinery fluidized catalytic cracking units, some of the largest individual sources of particulate matter emissions in the Bay Area⁷; and

WHEREAS, BAAQMD staff asserted that far more robust pollution control at MRC could only be achieved with the installation of a wet gas scrubber, considered to be the Best Available Retrofit Control Technology for this purpose⁸; and

WHEREAS, in September 2021, two months after the adoption of the pollution rule, and one year before the Thanksgiving catalyst release, MRC filed a lawsuit against the Air District to avoid installing a wet gas scrubber; and

WHEREAS, PBF Energy, MRC's parent company, cited lack of physical space and "adverse cost, operational, and business impacts" as reasons for non-compliance⁹, and threatened to lay off its entire Martinez workforce, even as it reported its third quarter 2021 consolidated ending cash balance as approximately \$1.5 billion¹⁰; and

WHEREAS, economic research shows that historically, refinery upgrades have not caused job loss but rather job increase, and that "the capital upgrades required in the rule would result in thousands of additional jobs," estimated at between 1,338 and 2,402 jobs at the PBF Martinez refinery¹¹; and

WHEREAS, PBF Energy has wet gas scrubbers installed in four out of its five other U.S. refineries¹², and despite committing to achieve the requisite emissions reductions at MRC by early 2022¹³, and by means other than a wet gas scrubber, has thus far failed to do so.

NOW, THEREFORE, BE IT RESOLVED, that the City Council of the City of Martinez urgently demands, in the interest of the greater health and safety of Martinez residents and neighboring communities, and the greater health, safety and financial security of MRC's workers, that PBF Energy withdraw its lawsuit, comply with the Bay Area Air District's Rule 6-5, and demonstrate its willingness to become a good neighbor by installing a wet gas scrubber at its Martinez facility by the 2026 deadline set by the Air District.

THEREFORE, BE IT FURTHER RESOLVED that this resolution be officially recorded and forwarded to BAAQMD, Contra Costa County, and the Martinez Refining Company.

REFERENCES

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4. <https://pubs.acs.org/doi/10.1021/acs.est.8b01764#>, p.1
5. https://www.baaqmd.gov/~media/dotgov/files/rules/reg-6-rule-5-particulate-emissions-from-refinery-fluidized-catalytic-cracking-units/2020-amendment/documents/20210330_sr_0605-pdf.pdf?la=en, p. 23
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7. https://www.baaqmd.gov/~media/dotgov/files/rules/reg-6-rule-5-particulate-emissions-from-refinery-fluidized-catalytic-cracking-units/2020-amendment/documents/20210330_sr_0605-pdf.pdf?la=en, p. 4
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9. <https://www.kqed.org/news/11887837/chevron-pbf-sue-air-district-over-new-bay-area-refinery-pollution-rule>
10. <https://investors.pbfenergy.com/news/2021/10-28-2021-113119324>; <https://www.mercurynews.com/2021/07/21/oil-refineries-will-be-forced-to-reduce-pollution-bay-area/>; <https://www.eastbaytimes.com/2021/06/03/air-district-board-considering-new-rules-to-dramatically-cut-refinery-pollution/>
11. <https://innovation.luskin.ucla.edu/wp-content/uploads/2021/06/Economic-Benefits-of-BAAQMD-Proposed-Rule.pdf>
12. <https://www.cbecal.org/wp-content/uploads/2021/07/Fact-Sheet-PBF-Wet-Scrubbers.pdf>
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