



Community Update

August 2020

Marathon Petroleum Pursues Supplemental Environmental Project to Support Community Well-being in Southwest Detroit

Marathon Petroleum Corporation (MPC) recently announced that we are pursuing a Supplemental Environmental Project (SEP) based on input from the community and local environmental organizations. The SEP will focus on installing a new air conditioning, filtration and purification system at the Mark Twain School for Scholars and providing real-time, air-quality data to the surrounding neighborhoods. The project allows us to satisfy our obligation to the state and also serve the community.



Marathon has a long tradition of supporting the Mark Twain and Rogers Elementary. Here, pre-COVID, volunteers are reading books to students

A SEP is an environmental initiative supported and managed by the Michigan Department of Environment, Great Lakes and Energy (EGLE) as part of an environmental enforcement settlement between MPC and EGLE.

At the Mark Twain School, a new air filtration system, including air conditioning in the building for the first time, will improve the learning environment for students. MPC's commitment to operational transparency drove the second project, which will create a platform that will allow community members to access data from the refinery's existing perimeter air monitoring system (PAMS) through an easy-to-use app and website. Both projects support the neighborhood and further MPC's commitment to reducing its overall impact on air quality.

The SEP program is undertaken by a corporation to benefit the surrounding community and mitigate the financial impact of penalties associated with an environmental incident. The SEP agreement between MPC and EGLE is a result of an incident in February 2019 when an issue with a piping system at MPC's Detroit refinery led to the release of sulfide and mercaptan vapor. The release was the result of a polar vortex, an extreme weather condition. MPC acted quickly to identify and address the issue, conducted a root-cause analysis and

instituted new procedures at the company's refineries across the country to avoid similar incidents. In addition to the polar vortex issue, the consent order between MPC and EGLE covers eight emission violations on five separate events dating back to 2017.

MPC had an option to pay the fine set by EGLE but instead chose to take advantage of the SEP, ensuring that the funds would be dedicated to community-driven programs rather than ending up in EGLE's general fund. MPC's investment in these projects will total more than \$450,000, plus an additional civil fine of \$81,853 paid to EGLE, which is more than the fine EGLE would have levied without a SEP.

MPC solicited input from the refinery's Community Advisory Panel, representatives from the Sierra Club, the neighborhoods adjacent to the refinery, the Detroit City Council and the Detroit Public Schools Community District. This project was undertaken in connection with the settlement of an enforcement action taken by the Michigan Department of Environmental, Great Lakes and Energy (EGLE) for violations of air quality law.

Marathon Refinery Employees Support Our Community

The impact of COVID-19 has touched many in the Southwest Detroit community. MPC stepped forward and supplied personal hygiene and cleaning supplies to their neighbors in the community surrounding the refinery.

The giveaway took place at the Kemeny Center. By providing diapers and baby wipes, laundry detergent, feminine hygiene products, toothbrushes and toothpaste, soap and shampoo, hand sanitizer and disinfectant spray, the refinery helped hundreds of families.



The July heat wave was made just a bit more bearable when the refinery hosted a Kona Ice (snow-cones) event at the Kemeny Center.



The refinery Local Giving Committee recently announced several gifts to community organizations who are having an impact on those they serve, including:

- Alternatives for Girls
- Grow Detroit's Young Talent through Detroit at Work
- The Perry Center
- Friends of the Rouge



**Friends
of the
ROUGE**



Alternatives For Girls
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**Grow Detroit's
Young Talent**

We are proud to support these organizations and the work they do to improve our community.



Several members of the refinery team attended the "Women in Blue" ceremony, honoring the women of the Detroit Police Department and the Detroit Fire Department. We proudly support the Women in Blue event, which recognizes the shining examples of women's leadership amongst first responders.

We're proud to be part of Detroit. And that community pride extends to lending a hand to keep our city clean.

The Motor City Makeover is an annual citywide volunteer cleanup and beautification initiative, where a team from MPC worked side-by-side with citizens, businesses and community organizations to do our part and keep our city beautiful.



Variance Requested for Refinery Coker Unit

As you may be aware, the City of Detroit Building Safety Engineering and Environmental Department is currently reviewing our variance to the City's Bulk Materials Storage ordinance for our refinery's coker unit.

As a regular recipient of our newsletter, we have kept you informed and updated regarding the steps taken to eliminate fugitive dust and ensure safe operations of this unit. Additionally, the unit has been inspected and reviewed by independent industry experts, and they have called it one of the cleanest coker units in the country. This \$2 billion investment in the Detroit refinery positioned the facility to be successful as a provider of a significant portion of the fuel for the state of Michigan. When it was built, we worked closely with industry experts and locally with the Sierra Club to design and install state of the art emissions controls systems to ensure our coker would not adversely impact the surround community.



Petroleum coke, a byproduct of the refining process, is an important material used for fuel generation and industrial applications. The Detroit refinery has a state-of-the-art coke processing unit and a comprehensive fugitive dust plan that control and mitigate dust. MPC has been employing advanced technology and stringent procedures and has reduced emissions by 80% at the Detroit refinery over the last 20 years, with 10% of that reduction recorded in the last five years.

In 2017, the City of Detroit passed an ordinance requiring that all carbon-based solid materials be stored in covered facilities, adding that all businesses in compliance with current regulations could apply for a Certificate of Alternate Compliance (CAC). The coker unit at the Detroit Refinery fully complies with all Michigan Department of Environment, Great Lakes and Energy regulations. The coker unit operates well within regulations, the City's requirement for approval of a CAC. A public review is currently underway with Detroit's Buildings, Safety, Engineering and Environmental Department.

For more information about our Coker unit, including a video that provides an overview of the process, please visit: <https://detroitrefinery.com/coker/>

Red Cross encourages donations to keep blood supply robust as pandemic continues

Marathon Petroleum is a national partner of the American Red Cross. Together, we look to provide community support for public safety programs where MPC employees live and work. This culture of collaboration is inspiring, because it ensures that the American Red Cross is equipped to respond to emergencies coast-to-coast. It also allows us to stand with survivors and their communities as they begin to recover and help families and communities become better prepared and more resilient ahead of the next disaster. These partnerships are an extension of our core values and inspires us to make tomorrow even better.



Right now, the American Red Cross has an emergency shortage of convalescent plasma, a potentially lifesaving treatment for patients with COVID-19. The Red Cross has seen demand for convalescent plasma more than double over the last month as the number of coronavirus cases increases across the U.S. Convalescent plasma products are now being distributed faster than donations are coming in.

Individuals who have fully recovered and received a verified COVID-19 diagnosis are urged to sign up to give convalescent plasma now by completing the donor eligibility form at RedCrossBlood.org/plasma4covid.

Convalescent plasma is plasma that is collected from patients who have recovered from an infection and have antibodies that might help fight that infection – in this case, those who have fully recovered from COVID-19. With each donation, COVID-19 survivors have a unique ability to help up to three patients recover from the virus.

Though this summer may feel different than summers past, one thing remains constant: the need for blood donations to help save lives.

Since the beginning of the COVID-19 pandemic, people across the country have stepped up to help by giving blood or platelets with the Red Cross. Blood donations from healthy individuals are just as essential now to meet patient needs, and those who gave this spring may be eligible to help again.

Donation appointments can be made for the coming days and weeks by downloading the free Blood Donor App, visiting RedCrossBlood.org, calling 1-800-RED CROSS (1-800-733-2767) or enabling the Blood Donor Skill on any Alexa Echo device.

As a thank-you for helping ensure a stable blood supply, those who come to give blood, platelets or plasma, including convalescent plasma, Aug. 1-Sept. 3 will receive a \$5 Amazon.com Gift Card via email, courtesy of Amazon.* Plus, come to give by Aug. 31 and automatically be entered for a chance to win a trip for four to Cedar Point or Knott's Berry Farm, redeemable through the 2021 season!^

Blood donation safety precautions

To protect the health and safety of Red Cross staff and donors, individuals who do not feel well or who believe they may be ill with COVID-19 should postpone their donation.

Each Red Cross blood drive and donation center follows the highest standards of safety and infection control, and additional precautions – including temperature checks, social distancing and face coverings for donors and staff – have been implemented to help protect the health of all those in attendance. Donors are asked to schedule an appointment prior to arriving at the drive and are required to wear a face covering or mask while at the drive, in alignment with Centers for Disease Control and Prevention public guidance.