

September Monthly Meeting: Tour of Marathon Petroleum Detroit Refinery

Place: 1300 S. Fort St., Detroit, MI 48217
(See Page 3 for Map and Directions)

Date: Thursday, September 19, 2013

Time: 6 pm - 8 pm

NOTE: A list of attendees is required prior to the tour. Please make a reservation by contacting Megan Klein at Klein_megan@hotmail.com or by phone at: 248-470-5059. Reservations must be received by Sunday, September 15, 2013.



If you have traveled along I-75 in Detroit crossing the Rouge River Bridge, you may have noticed the expansion of the Marathon facility in recent years, to approximately 250 acres. The company is offering a behind the scenes look of their refining operations on September 19th which will include a laboratory tour and

a driving tour of the facility. Operations at the facility include crude distillation, catalytic cracking, hydrotreating, reforming, alkylation delayed coking, and sulfur recovery. Producing

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more than gasoline and diesel, the facility also yields asphalt, propane, propylene, sulfur, slurry and petroleum coke.

Company Overview: Marathon Petroleum Corporation (MPC) is the fourth largest fuels refiner in the U.S. Headquartered in Findlay, Ohio, MPC has approximately 28,000 employees and ranks in the top 50 of the Fortune 500. MPC markets through two retail brand names: Speedway® and Marathon®.

Detroit Refinery Overview: The Detroit refinery is one of seven MPC refineries, producing 120,000 bpcd (barrels per calendar day). MPC uses a diverse slate of crude oils (from light sweet to heavy sour) procured from numerous suppliers that are approximately 60 percent domestic, 10 percent Canadian and 30 percent from other sources.

Built in 1930 by the Aurora Gasoline Company; it was purchased in 1959 by The Ohio Oil Company (now Marathon) from the late philanthropist Max Fisher. It is the only petroleum refinery operating in the state of Michigan today, employing approximately 500 employees and 275 contract workers.

Marathon Petroleum is one of the largest U.S. asphalt producers in terms of capacity. MPC also markets heavy fuel oil and petroleum coke from the Detroit refinery. Marathon Petroleum is also a producer and marketer of various petrochemicals and specialty products. Propane and sulfur are produced and sold at the Detroit refinery as well as propylene, ranging in purity from refinery grade to chemical grade.

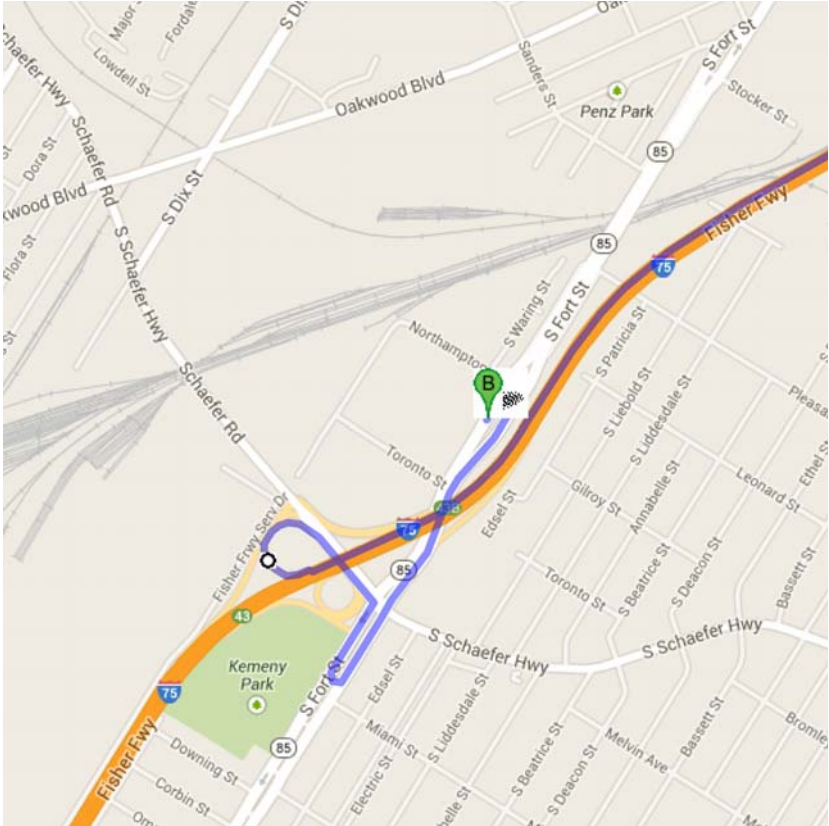
Of the site's many awards & recognition, it is the first refining facility in the world to receive Responsible Care® 14001 certification for its health, environment, safety and security systems.

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DIRECTIONS AND MAP TO THE MARATHON FACILITY

From I-75, exit Fort Street at Exit 43B (south of the Rouge Bridge). Go north or make a ‘Michigan left’ to go north on Fort Street. Continue under I-75 and use the turnaround just past the main office at **1300 S. Fort Street**. Enter the parking lot from the south driveway and park behind the main office. If you require assistance, feel free to contact Megan Klein at 248-470-5059.



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NOMINATIONS FOR 2014 SECTION OFFICERS AND COUNCILORS

The Section's Nominating Committee has selected a slate of candidates to run for election for 2014 officers. According to the bylaws, Councilor and Alternate Councilor offices must have at least one more nominee than there are available openings. Councilors and Alternate Councilors serve three year terms. Nominations may also be made by petition. Section members interested in running for an office can submit a Petition to the Section Secretary giving the office for which they wish to run. The Petition must be endorsed by 1% of the Section Membership (15 members). and sent to the Section Past-Chair, Mary Kay Heidtke , postmarked on or before October 15, 2013. For more information or for help in obtaining the necessary endorsements, email the Section Chair, Mary Kay Heidtke at:

MKHeidtke@AOL.com

SLATE OF NOMINEES FOR FALL 2014 ELECTION

Chair:	Megan Klein
Chair-Elect:	Charlene Hayden
Secretary:	Karrie Manes
Treasurer:	Denise Grimsley
Councilor:	Jim Landis Anthony Sky
Alternate Councilor:	Mark DeCamp Kevin Perry

VOLUNTEERS NEEDED FOR CHEMISTRY DAY

What: Chemistry Day

When: Saturday, November 9, 2013

Where: First United Methodist Church of Troy

6363 Livernois Avenue, Troy, Michigan

Time: 8:00 AM – 1:30 PM

The Detroit Section of the American Chemical Society's Minority Affairs Committee is partnering with the Girl Scouts of Southeastern Michigan for Chemistry Day. The Girl Scouts will be participating in an art project and other activities while learning about the fun of chemistry. They will learn about chemistry by doing hands-on experiments and participating in a career game contest with prizes. Through these activities, the Scouts will each earn a National Chemistry Week patch. This will be a large program both in terms of Girl Scouts (200 expected) and in terms of volunteers participating (25+).

The chemistry aspect of the day includes hands-on experiments. We will have 7 experiments set up on tables. They will include polymer cross-linking (making Gloop), Slime!, and dry ice experiment. Our audience will consist of the Junior Girl Scouts.

Denise Grimsley and Karrie Manes, will take responsibility for preparing the supplies and setting up the experiments. The art project will be coordinated by Megan Klein and Danielle Garshott. The career game will be developed and organized by Meghann Murray. Mary Kay Heidtke and Karrie Manes will serve as the overall coordinators for the event. We will need ~20 - 25 additional volunteers to participate in demonstrating the experiments and overseeing the community service project. Our participation is scheduled for Saturday, November 9th from 8:00 AM to 1:30 PM. We would especially welcome women and minority chemists who could help serve as role models for the girls. Your help will be greatly appreciated! If you are interested in joining some of your fellow chemical professionals in a fun morning of community service, please contact Mary Kay Heidtke at mkheidtke@aol.com or 313-843-7855. A continental breakfast and lunch (pizza) will be provided.

VOLUNTEERS RECOGNIZED AT ANNUAL AWARDS MEETING

Every year the Detroit Local Section of the American Chemical Society honors members that have gone above and beyond the call of duty. These volunteers have taken time and energy out of their busy schedules to provide assistance and resources to the Section in various roles. Please join us in congratulating the following honorees at the Annual Awards Meeting at the University of Windsor in Windsor, Ontario.

Salutes to Excellence is an award program that gives ACS members an opportunity to conduct an event within their communities that recognizes the positive impact on everyday life made by a product of chemistry, a practitioner of chemistry, or a place of importance in chemistry. A central part of the event is the presentation of a commemorative plaque, furnished by Office of Community Activities, for the honorees for the chemistry achievement being honored.

Salutes to Excellence Recipients 2013 –
Rand Helmkamp, Novi High School
James Landis, Henkel Corporation

The Distinguished Service Award was established in 1978 to honor members for long and meritorious service to the Section. Candidates for the award are nominated at a regular Executive Board meeting and elected Board members determine the recipient. The recipient will receive a plaque from the Section.

Distinguished Service Award Recipient 2013 –
Dr. Anthony Sky, Lawrence Technological University

Volunteer of the Year Award 2013 –
Mary Kay Heidtke, Magni Industries, Inc.

Past Chair Award –
Mary Kay Heidtke, Magni Industries, Inc.

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Calendar of Upcoming Events

Second Tuesday of the Month: Section Executive Committee Meets September through May at 7:00 PM. There is no Executive Committee Meeting in December.

Third Tuesday of Every Month: Brewing Chemistry. Please see <http://brewingchemistry.com> for events.

September:

September 8-12, ACS National Meeting, Indianapolis

September 19 (Thursday): Marathon Facility tour, 6 pm

October

October 20 (Sunday): NCW at Cranbrook?

October 12: Kids in Chemistry at Zoo Boo

October 19: Kids in Chemistry at Zoo Boo

October 26: Kids in Chemistry at Zoo Boo

October—Dr. John Engelmann, Miller Canfield

November

November 7: Anachem Symposium at Burton Manor

November 9: Girl Scout Chemistry Day



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