

### Wednesday, October 26, 2005 AIChE DVS Meeting and Tour of Valero, Paulsboro Refinery.

**V**alero Energy Corporation is a Fortune 500 company based in San Antonio with approximately 22,000 employees and assets valued at \$31.5 billion.

The largest refiner in North America, Valero has an extensive refining system with a throughput capacity of approximately 3.3 million barrels per day. Valero has long been recognized throughout the industry as a leader in the production of premium, environmentally clean products, such as reformulated gasoline, California Air Resources Board (CARB) Phase II gasoline, low-sulfur diesel and oxygenates.

**Fast Facts**

**Annual Revenues:** \$70 billion

**Total Assets:** \$31.5 billion

**Number of Employees:** 22,000

**Refining Throughput Capacity:** 3.3 million barrels per day

**Number of Retail Sites:** 4,700

**Number of Wholesale Markets:** Valero markets products in 42 U.S. states, Canada, Latin America and the Caribbean region.

Paulsboro Refinery

**Fast Facts**

-- Was accepted into the Occupational Safety and Health Association's (OSHA) Voluntary Protection Program (VPP) as a Star Site, which recognizes it as one of the safest refineries in the nation

- Total feedstock throughput capacity of approximately 195,000 barrels per day (BPD)

-- Products include gasoline,

*(Continued on page 2)*



*Valero Energy Corporation is the largest refiner in North America.*

**Meeting Date:** October 26, 2005

**ATTENDANCE FOR TOUR IS LIMITED TO FIRST 40.**

**Tour Location:**

Valero Paulsboro Refinery  
800 Billingsport Road  
Paulsboro, NJ 08066

**Dinner Location:**

Nino Gervasi's  
33 Paulsboro Plaza  
Paulsboro, NJ 08066

**Times:**

4:00pm Refinery Overview Presentation

4:30pm Refinery Tour

6:30pm Dinner (Italian Buffet)

**Ticket Price:**

\$20 Members & \$10 Students

Recent graduates (within 5 years) pay student price.

**RSVP by Friday October 21, 2005**

Please RESERVE ONLINE or contact Doug Kriebel: dkriebel@kriebel-ltd.com or 610-337-8995.

Please provide name (spelling), number attending, company affiliation, phone and fax number.

### Chair's Chat "Two for Two" by Steve Wood

**W**e are off to a great start. Our goal this year is simple: extend the benefits of the local section participation to more members.

We are off to a great start thanks to the folks at Uniqema in Atlas Point and our section Vice-Chair, Scott Smith. 60 members were treated to an exceptional tour of the Uniqema Atlas Point facility along with dinner at The Arsenal in New Castle. A special thanks to Frank Cesare at Uniqema for helping to make our 1st event this year a great success.

Participants are reaping the benefits: new contacts/friends are being made and new knowledge is being developed. We are working hard to create value for you as you develop professionally. Please let us know if you have any new ideas for the section that might benefit members. You can reach me via email at steven\_wood@ml.com. Also, our next section planning meeting is slated for November 1st at Villanova where new input is always welcome.

We have lucked into another great opportunity for you. On Wednesday October 26, the Paulsboro Valero Refinery will open their doors to the section. A general understanding of oil refining is a valuable asset to chemical engineers especially as it becomes clear that global energy concerns will remain at the forefront of the economy. Access to this rare opportunity is limited to 40 participants. Please sign up as soon as possible. Learn more about this event at www.aiche-philadelphia.org. We look forward to meeting you on the 26th.

## Letters to the Editor

I just wanted to record a personal appreciation to the DVS & Uniqema for an excellent evening on Tuesday. The Atlas Point folks really put some effort into showcasing their facility, and I presume most did it on their own time. I found all of that very enlightening and so I can imagine that the Rowan students that Bob Hesketh brought along were even more impressed.

The Arsenal was also an excellent choice of dinner venue, decent food and good conversation!

Thanks again to all concerned.

Ken Rollins



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## Valero Tour

Driving Directions: Use [www.mapquest.com](http://www.mapquest.com) and 800 Billingsport Road, Paulsboro, NJ 08066.

The Parking Lot is across Billingsport Ave from the Refinery Office Bldg. @800 Billingsport Road, Paulsboro, NJ 08066. Participants are to park in the lot and walk across the street for the Overview that will take place in the Office Bldg. After the overview the participants will walk back across Billingsport Av to catch the bus.

Learn more about this world class facility at <http://www.valero.com/Visit+Our+Refineries/Paulsboro>

*(Continued from page 1)*

lube oil base stocks, mid-distillate products, asphalt, petroleum coke, liquefied propane gas, fuel oil and molten sulfur

-- Employs approximately 540 individuals

--Acquired the Paulsboro refinery from Mobil in 1998

Receives a variety of feedstocks via its deepwater access on the Delaware River, including sour crudes such as Arab Light, Arab Heavy, Oriente and Kirkuk. Much of the plant feedstock is determined by Paulsboro's lube blendstock production needs.

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**2005 – 2006 AIChE- DVS Event Schedule**

Rajiv L. Gupta, Chairman and CEO of Rohm & Haas, has graciously accepted an invitation to be the speaker at our CEO Lecture on January 25<sup>th</sup>. This special event will be held at The Union League in Philadelphia. Please sign up early as this event will be a sell-out. Also check out our other planned meeting for the upcoming year.

November --TBA

January 25, 2006  
SPECIAL EVENT: CEO Lecture  
Rajiv L. Gupta, Chairman & CEO, Rohm and Haas  
The Union League, Philadelphia  
Cost: \$50

February 16, 2006  
Symposium: Vaccines – at a brew pub TBD  
Cost: \$20/\$10



March 16, 2006  
Plant Tour: Rohm & Haas -- Bristol  
Cost: \$20/\$10

April 11, 2006  
Student Awards Banquet -- Drexel  
Cost: \$20/\$10

<b>Professional Development Chair</b>	Mark DeLuca, PE Phone: 215-752-1619 <a href="http://www.del-engineering.com">Web Address: www.del-engineering.com</a> <a href="mailto:engineer@del-engineering.com">Email: engineer@del-engineering.com</a>
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