



October 29, 2019

Chair

- **Sam Bell**
Metal Surfaces, Inc.

Vice Chair

- **Anil Rana**
VACCO Industries

Council Members

- **Paul Ahn / Hazem Gabr**
Southern California Edison
- **Md Alam**
Veolia North America
- **Paul Costa**
The Boeing Company
- **Karen Kwan / Ricardo Moreno**
Southern California Gas Company
- **Kevin Laney**
Oil Operators & Signal Hill
Petroleum
- **Vladimir Lobato / Hector Garcia**
Smithfield Packaged Meats Corp.
- **Alan Nichols**
California Dairies
- **David Thaete**
Phibro-Tech, Inc.
- **David Turkes**
Bentley Mills
- **Gary Von**
Valet Services Laundry
- **Jerry Wahlin / Brian Ward**
AAA Plating & Inspection, Inc.

Minutes of the Council Meeting, June 11, 2019

The meeting of the Industry Advisory Council (IAC) was called to order at the Regional Recycled Water Advanced Purification Center located at the Joint Water Pollution Control Plant of the County Sanitation Districts of Los Angeles County (Sanitation Districts/LACSD) at 10:00 a.m. Sixteen people from industry and agencies and six Sanitation Districts' management/staff attended the meeting.

Regional Recycled Advanced Purification Center Introduction

Rupam Soni, Metropolitan Water District

Ms. Soni gave a presentation on the Metropolitan Water which discussed an overview of the Metropolitan Water District (MWD), need for the project, the partnership between MWD and LACSD, the regional recycled water program, and the advanced purification center. The presentation began with Ms. Soni discussing who and what MWD is and why California needs a local recycled water supply. As part of the discussion it was presented that in 1990 only 7% of MWD's water supply came from conservation and recycling. With the new regional recycled water program, it's anticipated that 33% of MWD's water supply will be from conservation and recycling.

Regional Recycled Advanced Purification Center Tour

Rupam Soni, Metropolitan Water District

Ms. Soni lead the group on a tour of the 0.5 MGD demonstration plant designed to provide operational data, design insights, and other relevant information for the potential construction of a full-scale advanced water treatment plant capable of producing up to 150 million gallons of purified water daily.

The demonstration plant is designed around a 3-step purification process aimed at removing contaminants such as pharmaceuticals, pesticides, viruses, bacteria, and potentially harmful chemicals. Step 1 of the treatment process involves membrane bioreactors where microscopic materials, microorganisms, and other particles larger than 1/100 the size of a grain of sand are removed. Step 2 is reverse osmosis (RO) which will eliminate more than 99% of all impurities in the water. The RO system will be able to remove bacteria, pharmaceuticals, and salts. The final step of the treatment process, Step 3 includes the use of ultraviolet light and advanced oxidation to disinfect the purified water by inactivating viruses and to remove any remaining trace chemical compounds. The demonstration plant is expected to begin operation sometime in late summer or early fall of this year.

LACSD Recycled Water Reuse and Source Control Efforts

Linda Shadler, Sanitation Districts

Ms. Shadler discussed LACSD's water reuse and source control efforts with an emphasis on administering an industrial wastewater pretreatment and pollutant source control program focusing on chemical source investigations, outreach programs, and chemical inventory. A case study featuring Boron and how LACSD identified major contributors into the wastewater was presented.

Information About the Water-Energy Nexus Registry

Alissa Benchimol, The Climate Registry

Ms. Benchimol provided information to the IAC about the Water-Energy Nexus (WEN) registry through The Climate Registry. The WEN registry is a voluntary greenhouse gas (GHG) reporting program created from California's SB 1425. The program provides clear and standardized GHG accounting guidance for the water sector, resources and services to assist organization in California to measure, report, and verify GHG's in their operations, a pathway to publish verified emissions and performance metrics, and opportunities to demonstrate and achieve recognition for emissions measurement and reductions.

Council Business

Approval of the Minutes

Sam Bell, Council Chair

Mr. Bell put forth a motion to approve the meeting minutes for the March 26, 2019 meeting which passed.

Legislative Outlook 2029 - Update

Kristopher McGinnis, Sanitation Districts

Kristopher McGinnis provided updates to the 2019 Legislative Outlook presentation that was given by Sharon Green during the previous IAC meeting. Key legislative issues covering plastics, wipes, toxics, ocean discharge, stormwater, air quality, and PFAS were discussed.

Council Organization and Administration

Kristopher McGinnis, Sanitation Districts

An update to how documents, attachments, and presentation are made available to IAC members was discussed. All items related to the IAC meeting will now be available for download on the LACSD Website at https://www.lacsd.org/wastewater/industrial_waste/advisorycouncil.asp.

Update to Implementing AB 617 from the South Coast Air Quality Management District's (SCAQMD) Perspective

Dr. Philip Fine, South Coast Air Quality Management District

Dr. Fine presented an update to the SCAQMD's implementation of AB 617. Activities conducted for year one included public outreach and community selection, community steering committees, and air monitoring and emission reduction plans.

The conclusion of the presentation covered SCAQMD's next steps in the AB 617 implementation process. They plan to start year two community selection outreach and evaluations by June 2019, discuss draft community emissions reductions with steering committees by July 2019, and have a board hearing to consider year one Community Emissions Reduction Plan and year two community selection by September 2019.

Adjournment until the November 19, 2019 Industry Advisory Council Meeting

The meeting was adjourned around 2:00 p.m. The next meeting is scheduled for November 19, 2019, at the Joint Administration Office in Whittier.