

Minutes.- 58th Meeting of the Joint Advisory Committee for the Improvement of Air Quality in the Cd. Juárez, Chihuahua / El Paso, Texas / Doña Ana County, New México Air Basin
Godsen Independent School District in Santa Teresa, NM, at 4950 McNutt Road, Santa Teresa, NM
September 19, 2013

1. Welcome and Introductions

Carlos Rincon (CR,) representing Bill Luthans (BL) of USEPA Region 6, and Ana Maria Contreras (AMC,) SEMARNAT, welcomed all, to the 58th JAC meeting. A quorum was established.

JAC Members Present	
U.S.	México
** Bill Luthans – EPA	Ing. Ana Maria Contreras – SEMARNAT
Lorinda Gardner – TCEQ	Quim. Lilia Gonzalez - PROFEPA
Michael Baca – NMED	Quim. Araceli Salazar – COESPRIS
Daniel Hermosillo –DAC Government	Salvador Rubalcaba (SR) – Gob. Edo. De Chihuahua
Karl Rimkus – City of El Paso	**Raul de la Fuente, DNA
John Quinn - FMR	**Ing. Rene Franco (RF)
Elaine Barron, M.D.	Denisse Varela - NGO
Alberto Correa, PhD	Dra. Alba Yadira Corral – UACJ
David Dubois, NMSU	**CANACINTRA
Wen-Whai Li, Ph.D., P.E., UTEP	*Ing. Briselda Duarte – Alt for Dr. Alberto Ramírez -
Christine Ponce-Diaz, El Paso MPO	**Ing. Vicente Lopez – IMIP
* Carlos A Rincon, US EPA	* Quim Pilar Leal - Franco y Asociados Alterante RF
* Candice Sifuentes, City of El Paso	
* Alternate	** Not Present

2. Presentation and approval of current agenda and minutes.

The Agenda was approved. Minutes of the 5/24/13 JAC meeting were approved.

3. Message from the Co-Chairs,

- CR, thanked Victor Valenzuela and JAC members that comprised the Technical Workgroup following up on the April 13th, 2013 Demolition of ASARCO’s smokestack for which, a Web-group within the JAC-CCC.org web page exchanged and advanced on issues brought about by JAC members and the public at the 57th, meeting, of May 24th 2013.
- CR reminded participants of the ASARCO work-group attending this meeting that during the workgroups report portion within the agenda they may give brief remarks of findings and work outline for the coming weeks.

4. Public Participation – CR asked if attendees had comments on the proposed agenda.-
 - Gina Posada, TCEQ, invited JAC members and the audience to the upcoming Environmental Summit taking place in October 11,
 - No other comments at this time by Public

5. JAC Discussion on Public Comments. No JAC discussion was provided, CR let know attendees later on is a opportunity for public comments.

6. Air Quality Report

Victor Valenzuela (VV) presented an air quality summary from 1 Jan 2013 – 13 September 2013. VV indicated all parameters have been low. He presented the locations of the AAQMS in EP, JZ, and Doña Ana County (DAC). One CO exceedance was observed in Juárez. No violations of the CO standard occurred in the US or Mexico The US CO standard is violated at 9.5 parts per million (ppm) during an 8-hr averaging period. Mexico’s standard is set at 11 ppm / 8-hr averaging period. The maximum 8-hour averages are about 20% below the standard in both countries. The 1-hr O₃ concentrations are very low given the year is still early. The maximum 1-hr average observed was 80 ppb. VV explained the definition of the 8-hour O₃ standard Design Value. No 8-hr O₃ exceedances were observed in El Paso or Juarez during the 5 month period. There is a continued downward trend of 8-hour ozone design values during the past 10 years. 3-year moving averages of PM_{2.5} at Sunland Park City Yard (SPCY) indicate there is an upward trend in PM_{2.5} at this monitoring site. PM_{2.5} and PM₁₀ TEOM data indicated several exceedances occurred, but all exceedances occurred during high wind events. A chart of H₂S emissions which are generated primarily at a wastewater treatment plant (WWTP) in north central Juarez indicates a major reduction in H₂S concentrations since the air monitoring station was deployed in 2004. However, in 2013 the numbers of exceedance days are slowly increasing.

7. Presentations
 - A) Rider 8 Ozone pollution reduction program.-

In 2011 and 2012, El Paso MPO and UTEP conducted an assessment of regional air quality and causes of ozone pollution over the PdN region. Christine Ponce-Diaz provided some background on the Rider 8 Program. The program addressed the following

 - Outreach Activities
 - Development of the Rider 8 website : rider8ep.org
 - Ozone Precursor Emissions Calculator: cleanairforel Paso-dev.tamu.edu
 - Developed a conceptual model – through 2010
 - Conceptual model for ozone reduction in El Paso, Texas, El Paso MPO
 - Performed emission inventories improvement
 - Emissions inventory review and improvement plan, El Paso MPO
 - Quantification of selected sources for emission inventory improvement in El Paso, Texas, El Paso MPO
 - Conducted ozone modeling for selected episode
 - Photochemical modeling of ozone pollution in the Paso del Norte region, El Paso MPO
 - Conducted ozone monitoring at 2 supplemental locations
 - Supplementary ozone monitoring in the Paso del Norte region for the 2012 ozone season, El Paso MPO
 - Neighborhood Association Summit – YISD
 - Health and Wellness Fair – El Paso International Airport
 - Public Participation Meetings for Current Planning Documents
 - 2013 Eco-Wise Environmental Summit

 - B) New Mexico Department of Health.-

NMDOH conducted an air quality study in collaboration with NMSU office of the State Climatologist. Results of the study were presented, similarly an update of findings so far and material that would be

presented to the NM/Chihuahua Rural communities on a workshop convened by the Task Force Leaders, Allyson Siwik and Luis Martin Palomares at Columbus, and in Palomas on different days respectively.

- C) **NMED Dust Emissions Inventory Air Quality Study.-**
NMED conducted a multi-year PM air quality study to assess sources and transport of PM in Doña Ana County. A workshop held at the new Mexico Farm and Heritage Museum brought experts from around the United States and northern Mexico
 - D) **Ozone Precursor Emissions Calculator.-**
Developed by Texas Transportation Institute, TTI developed an online calculator that allows one to estimate their annual emissions contributions. AMC and David Parra of SEMARNAT have interested for use of this tool to be utilized in airs-sheds in the interior of Mexico.
 - E) **Black Carbon in the Paso del Norte Region.-**
TTI provides an overview of current science and understanding of black carbon emissions impacts and presents Black Carbon emissions estimates from transportation for El Paso & Cd. Juarez
 - F) **Clean Transportation – Eco-Driving in Juarez.-**
SEMARNAT is developing nationwide Eco-Driver training courses for trucks operators of heavy-duty diesel vehicles as part of the Clean Transportation Program, including Ciudad Juarez and other border communities within the 6 Mexican Border States.
 - G) **Juarez ProAire Program. -**
SR, briefed JAC meeting attendees of various measures the State of Chihuahua in coordination with Municipio de Juarez have been carrying out, among others a State wide Vehicle Emissions Inspection program, Street pavement and Urban Mobility program, ViveBus Public Transportation system, and an assessment needs for Juarez’s AAQMN. SR asked SEMARNAT for an official Memo–letter to Secretario of Chihuahua (SDUE) Lic. Guillermo Marquez Elizalde in taking the leadership for convening forums, experts groups, intergovernmental teams to work in sessions that would put together the 3rd. ProAire for Juarez.
8. **Observations and Comments from the Public** No comments were provided
 9. **Report out by work groups.-**
 - An assessment of the Paso del Norte AAQMN document with edits and observations from Mexico’s SEMARNAT – INECC, was handed out by CR, further actions items, work schedule and recommendations by the work-group will be submitted to the JAC,
 10. **Highlights and consensus items of the meeting**
 - DP of SEMARNAT, will keep abreast of the Ozone Precursor Emissions calculator use and its applicability in other interior of Mexico air-sheds,
 - A letter by SEMARNAT to SDUE – Chihuahua addressing the State leadership and jurisdiction for convening a PROAIRE work – group, forum, public meetings and Program with support of JAC – CCC members,
 11. **Next meeting** January 23, 2014, to be held in Ciudad Juarez, Chihuahua Mexico.
 12. **Adjourn**