

### Minutes

61<sup>st</sup> 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  
The New Mexico Farm and Ranch Heritage Museum, 4100 Dripping Springs Road, Las Cruces, NM 88011  
September 25, 2014

1. Welcome and Introductions  
Bill Luthans (BL) of USEPA Region 6, and Ana Patricia Martinez, SEMARNAT, welcomed all, to the 61st JAC meeting. A quorum was established.

JAC Members Present	
U.S.	México
Bill Luthans – EPA	Ing. Ana Patricia Martinez – 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
*Rajesh Bhakta alternate for John Quinn -	**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	*Jorge Hernandez – 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
* Alternate	** Not Present

2. Presentations started with Gerardo Tarin from SEMARNAT – Air Quality Report on the Paso del Norte and SEMARNAT New Standards which come into effect on October 19, 2014. For more information please see...The challenges are that the values are very strict and will need major reductions. In the case of Ciudad Juarez it is required to work in a more comprehensive ProAire that addresses the new parameters.
3. Dr. Angel Canales Rubio from DEGREMONT presented on H2S measurements in Planta Norte-JMAS. The plant upgraded from a primary treatment facility to a biological treatment plant in 2012. Measurement of odors to show where the concentrations are, and meteorological behavior of wind patterns that are taking place now. Those generating

odor sources were a global problem affecting employees and neighborhoods around the plant. The sludge does not have the same odor. American regulations have also been resolved. Online monitoring, 20 square kilometers by 20 kilometers to assess the impact to the neighborhood and compare with US information as point of reference. A new plant (3D scheme) has sensors at different locations, and an online software reviewing concentrations 24/7. Those sensors monitor the behavior of the plant. All channels are covered.

There were questions regarding the exceedances. The solutions were: To compare the CAM 36 data in the future, because wind speeds vary and data is different. Attach meter of the Juarez plant and take them to CAM36 to measure (with same equipment used in the Juarez plant).

4. Dr. Elaine Hampton from UTEP along with Cynthia Ontiveros and Monica Mata from EPISD presented an EPISD overview of a project that created and implemented lessons about relevant issues on air quality in the border. This was an EPA founded Project through CERM. One aspect is to work with internships regarding air quality and implementing lessons, units, modules to 50,000 children per year grade 3rd-12<sup>th</sup> just in the EPISD. Curriculum delivery was agreed by EPISD administration. Hopefully it will be translated into Spanish. It touches on social justice issues big and small. Some of the topics touch on the political, economic, personal and health views. It instructs children on ozone, alternative energy, pm, pollution sources in Paso del Norte region. The project is building environmental conscience, providing history, civic and personal responsibility to the students.
5. Dr. David Dubois from NMSU presented on a NMED wind erosion emissions study and how it relates to the holistic range management by ranchers in Janos and Ascension, Chihuahua. He would like to engage collaboration with ranchers on both sides of the border to work on land management, NM Department of Health working with Frieda Adams to make changes, drought people and experts to have perspectives regarding the drought. He is looking for people who would like to collaborate in this study- UTEP, Texas Tech, etc. Monitoring and assess health impacts.
6. JAC – discussion on the future for the JAC done by members and JAC Chairs. This is a proposal - that we revise the meeting frequency to give space to allow an air quality task force to emerge or interact with other actors and take a different approach or issues. Keep the JAC and meet yearly, and give rise to a local group to meet as often as they like (Bill Luthans). From a federal standpoint there are topics that we cannot approach serving this role, so a local task force would benefit the JAC (Ana Maria). For SEMARNAT locally Gerardo Tarin is working in the PROAIRE who would work with the American Counterpart on air shed issues.