

**Annual Report of Activities of the Administrative Fund for Air Quality Monitoring in the Paso del Norte Air Basin, based on the North American Development Bank (2022)**

Pursuant to articles 7 g) and 12 i) of the Resolution for the creation of the technical commissions to support the Administrative Fund for Air Quality Monitoring in the Paso del Norte Air Basin based on the North American Development, the Administrative Unit presents the yearly report for 2022.

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## I. Administrative Unit

The administrative Unit has diligently fulfilled its duties by drafting documents, meeting regularly, preparing agenda items and invitations for Fund Committee sessions, undergoing procurement procedures for operations and maintenance, as well as the installation of the new monitoring station, updating the webpage to make all relevant documentation available to the public, among other activities as outlined by the resolution.

### Appointments

Official appointment documents can be found [here](#).

*Table 1. Appointments to the Administrative Unit*

Institution	Representative	Date sent
Texas Commission on Environmental Quality.	<ul style="list-style-type: none"> <li>• Melanie Scruggs, Senior Project Manager, Texas Commission on Environmental Quality</li> </ul>	<ul style="list-style-type: none"> <li>• First letter: 04/15/2021</li> </ul>
	<ul style="list-style-type: none"> <li>• Sergio Vasquez, Senior Project Manager, Texas Commission on Environmental Quality (TCEQ)</li> </ul>	<ul style="list-style-type: none"> <li>• Second letter (No longer serving in the AU as of February 2023): 12/08/2021</li> </ul>
Urban Development and Ecology Secretariat of Chihuahua.	<ul style="list-style-type: none"> <li>• Ing. Cesar Ismael Fierro Cárdenas, Secretaría de Desarrollo Urbano y Ecología (SEDUE)</li> <li>• Ing. Martha Erika Caballero Sánchez</li> </ul>	<ul style="list-style-type: none"> <li>• First Letter: 04/20/2021</li> <li>• Second Letter: 04/21/2022</li> </ul>
Juárez Municipality, Chihuahua.	<ul style="list-style-type: none"> <li>• Ricardo Aragón Burciaga, Jefe del Departamento de Verificación Vehicular y Calidad del Aire, Dirección de la Ecología del Municipio de Juárez</li> </ul>	<ul style="list-style-type: none"> <li>• First letter: 05/05/2021</li> <li>• Second Letter: 01/27/2021</li> </ul>

### Site visit and station location analysis

Members of the Administrative Unit of the AQF (Ricardo Aragon, Cesar Fierro and Sergio Vasquez), the Mexican co-president (Ing. Oscar Fentanes), and researchers from the Autonomous University of Ciudad Juarez visited four proposed sites on March 23, 2022, for the installation of a new air quality monitoring station in Ciudad Juarez. The sites were first categorized by their location with respect to the current urban growth, population density and availability of services (electricity, security, internet, etc.)

Following the visit, they conducted an analysis on their findings, which was presented to the Fund Committee as a report titled [Report on visit to four proposed sites in Ciudad Juarez Summary](#).

### Procurement procedures for operations and maintenance and network expansion<sup>1</sup>

Table 2 below details the emails and documents related to the two procurement processes that were conducted in 2022. All procurement outcomes are shared with NADB via an official correspondence signed by AQFs cochairs which are detailed in the Official Correspondence section further below.

*Table 2. Documentation and communications related to the procurement procedures*

Procurement for O&M of four stations for a six month period	
Request for Bids for operation and maintenance of four air quality stations in Ciudad Juárez for a six month period.	08/31/2022
AIT Asesores en Implementación de Tecnologías, Economic and technical proposal.	09/12/2022

<sup>1</sup> Documents are available upon request to the administrative unit.

PERSIS, Periferics y Sistemas, Technical proposal for the operation of the Juarez Network for a six month period	09/2022
UACJ, Autonomous University of Ciudad Juarez, Quote for operation and Maintanance of the Juarez Network	9/2022
Email and letter to AIT communicating procurement outcome	
Email and letter to PERSIS asesores communicating procurement outcome	
Email and letter to UACJ asesores communicating procurement outcome	
<b>Procurement of equipment for the new air monitoring station</b>	
Request for Bids for a PM 2.5 and PM 10 analyzer	08/19/2022
Request for Bids for an Ozone Analyzer, Teledyne API model T400, gas dilusor, Model 4010 and Meterological equipment.	08/19/2022
Request for Bids for a trailer to insatll the new station	
Tersum A res, S.A.P.I. de .C.V. quotes for the 3 equipment RFQ	08/29/2022
Persis quotes for the 3 equipment RFQ	08/26/2022
REPMEX quotes for the 3 equipment RFQ	NA
Email from the Administrative Unit to Fund Committee members requesting approval of their recommendation to contract with PERSIS following the RFQ process	11/18/2022
Email approvals regarding the Aministrative Unite recommendation to proceed with persis as the selected supplier rom El Paso, Juarez, EPA, INECC, NMED, SEDUE and TCEQ	Different dates

## Fundraising

Table 3. Grants and Funding applications

Institution	Grant	Application date	Status
Marathon Petroleum Foundation through the Paso del Norte Community Health Foundation	Additional Monitoring station for the Juarez Network (\$99,753.00)	01/11/2021	Granted and installation undergoing.
EPA TCEQ pass through PPG grant	Performance Partnership Grant (\$102,044.00)	Contract amendment date: July 12, 2022	Transferred to AQF via an amendment to the existing AQF contract between the TCEQ and NADB.
Supplemental Environmental Project (SEP)	NADB submitted a Third-Party Administrator Proposal for a Pre-Approved Supplemental Environmental Project, as manager of the AQF	12/2/2022	Under analysis by TCEQ legal.

## Webpage

Compliant to Article 19 of the Resolution, the Administrative Unit in collaboration with the JAC administrative liaison has included a section within the JAC webpage for [AQF](#). All relevant documents, including the Resolution, appointments to the technical commissions, procurement procedures, conflict of interest policy, Fund Committee agendas, meeting minutes, official correspondence, and other relevant information has been uploaded and is available to the public.

## II. Fund Committee

### Appointments

Official appointment documents can be found [here](#), as described in Table 4.

Table 4. Appointments to the Fund Committee

Institution	Representative	Date
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United States Environmental Protection Agency.	<ul style="list-style-type: none"> <li>• Mariama Mitchell, Texas Air Grant Project Officer, Environmental Protection Agency (EPA) Region 6</li> </ul>	First letter: 04/30/2021
Texas Commission on Environmental Quality.	<ul style="list-style-type: none"> <li>• Richard "Cory" Chism, Deputy Director of Monitoring Division, Texas Commission on Environmental Quality (TCEQ)</li> </ul>	First letter: 04/15/2021
	<ul style="list-style-type: none"> <li>• Brandy Brooks, Deputy Director, Monitoring Division</li> </ul>	Second letter: 01/20/2023
New Mexico Environment Department (NMED).	<ul style="list-style-type: none"> <li>• Armando Paz, Environmental Analyst, New Mexico Environment Department (NMED)</li> </ul>	First letter: 05/07/2021
City of El Paso, Texas.	<ul style="list-style-type: none"> <li>• Anthony Dekeyzer, Assistant Director of Transit Operations, City of El Paso</li> </ul>	First letter: Pending
Mexico's Ministry for Environment and Natural Resources, through the National Ecology and Climate Change Institute (INECC).	<ul style="list-style-type: none"> <li>• I.Q. Valia Maritza Goytia Leal, Directora de los Laboratorios del INECC. R.I.P.</li> <li>• Ing. Oscar Alfredo Fenantes Arriaga, Subdirector de Monitoreo de la Calidad del Aire</li> </ul>	First letter: 07/08/2021
Urban Development and Ecology Secretariat of Chihuahua.	<ul style="list-style-type: none"> <li>• Dr. Gilberto Wenglas Lara, Director de Ecología, Secretaría de Desarrollo Urbano y Ecología (SEDUE)</li> <li>• Ing. Francisco A. Gómez Licón</li> </ul>	First letter: 04/30/2021
	<ul style="list-style-type: none"> <li>• M.E.S. Melissa Zambrano Sotelo, Directora de Ecología</li> <li>• Ing. Francisco A. Gómez Licón</li> </ul>	Second Letter: 04/21/2022
Juárez Municipality, Chihuahua.	<ul style="list-style-type: none"> <li>• M.V.Z. Margarita Edith Peña Pérez, Directora de Ecología del Municipio de JUÁREZ</li> <li>• Lic. Roberto Mendoza, Jefe del Departamento Jurídico de la Dirección de Ecología del Municipio de Juárez</li> </ul>	First letter: 05/05/2021
	<ul style="list-style-type: none"> <li>• Lic. Socorro Yesenia Anaya Retana, Directora de Ecología del Municipio de JUÁREZ</li> <li>• Ricardo Aragón Burciaga, Jefe del Departamento de Verificación Vehicular y Calidad del Aire, Dirección de Ecología del Municipio de Juárez</li> </ul>	Second Letter: 01/27/2021

Official Correspondance:

Table 5 lists all official communications signed by AQF cochairs in the performance of their duties.

Table 5. Official correspondance by the Fund Committee

Internal code	Date	Content
Internal Control: JAC/AQF/FC/01/2022	August 19, 2022	Request to ABEINSA JUAREZ N-III S.A. DE C.V. (38 CC Norte III), requesting that

		the AQF gains access to the data generated by the two air monitoring stations operated by the company and integrate the data in real time to the City's air quality monitoring system.
Internal Control: JAC/AQF/FC/02/2022	September 27, 2022	Communication to NADB of the procurement results for the operation and maintenance of four air monitoring stations in Ciudad Juárez for a period of six months, with the Autonomous University of Ciudad Juárez.
<a href="#">Internal Control: JAC/AQF/FC/03/2022</a>	December 09, 2022	Communication to NADB of the procurement results for the purchase of equipment for the fourth monitoring site to be in the UACJ Nutrition Clinic, with PERSIS.

### Meetings

The agendas and meeting minutes can be found in the links below.

Table 6. Fund Committee meetings

Meeting (Agenda and minutes available in link below)	Date
<a href="#">Fourth Meeting</a>	02/02/2022
<a href="#">Fifth Meeting</a>	04/27/2022
<a href="#">Sixth Meeting</a>	09/21/2022

### III. Location of monitoring stations supported by AQF

AQF supported until 2022 three monitoring stations located in Ciudad Juárez, Chihuahua. In 2022, a procurement process was initiated to install a fourth station which began operations until 2023.

Figure 1: Location of Ciudad Juarez monitoring stations until 2022.

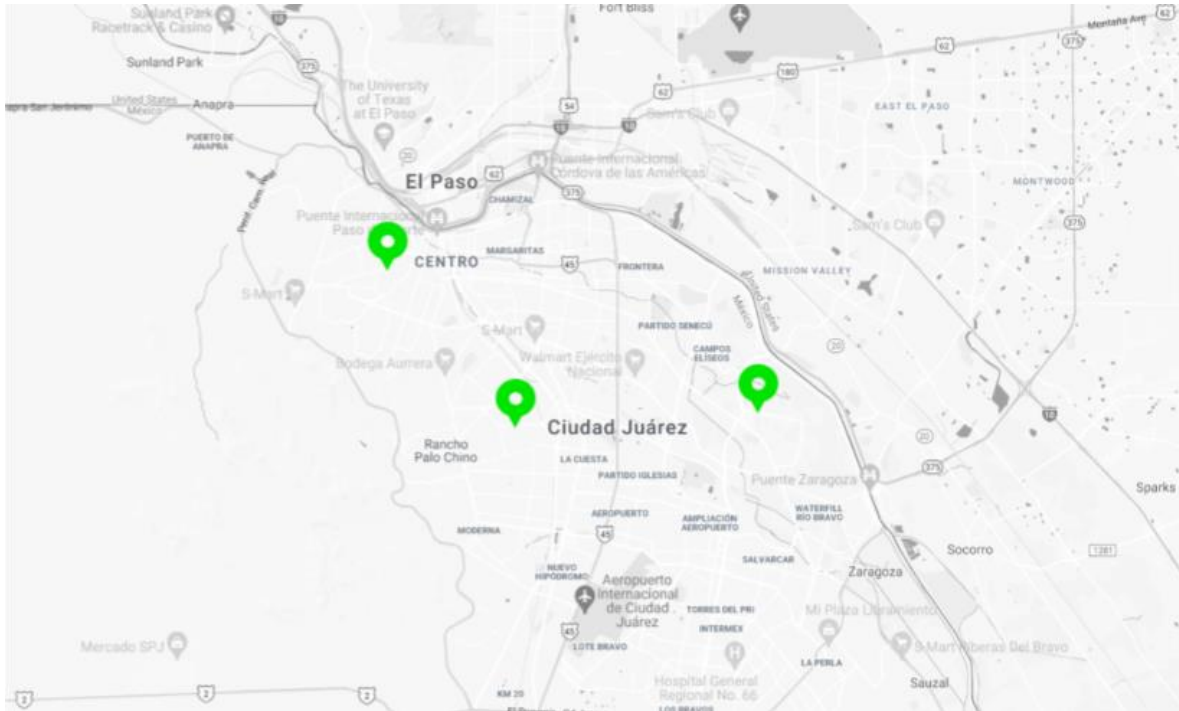


Table 7: Monitoring stations supported by AQF.

Monitoring Station	Coordinates
Canales Lira	31.74 N, 106.5 O
Advance	31.69 N, 106.46 O
PTAR	31.69 N, 106.38 O
Clinica de Nutrición (Installed until 2023)	31.65 N, 106.46 O

#### IV. Budget as of December 2022

Please see **Annex 1** containing the two 2022 semester reports provided by the NADB to the Administrative Unit.