


**MEMORANDUM OF COOPERATION BETWEEN THE CALIFORNIA AIR
RESOURCES BOARD AND THE SECRETARIAT OF ENVIRONMENT FOR BAJA
CALIFORNIA ON PM10 AIR QUALITY MONITORING AND ANALYSIS**

This Memorandum of Cooperation (MOC) is entered into by the State of California Air Resources Board (CARB) and the Secretariat of Environment for Baja California, Mexico (SPA BC), hereafter jointly referred to as the "Participants."

- I. **WHEREAS**, in recognition of the commitment of California and Mexico to work cooperatively toward improving air quality in the border region, it is imperative that reliable and accurate air quality data are provided to the public in a timely manner;
- II. **WHEREAS**, the Participants agree on the importance of enhancing the availability of air quality data in California and Baja California to better understand the causes and severity of air pollution in the California - Mexico border region;
- III. **WHEREAS**, the Monitoring and Laboratory Division (MLD) at CARB has historically provided PM10 filter weighing for nine (9) sites in Baja California for SPA BC;
- IV. **WHEREAS**, SPA BC has a laboratory equipped to weigh PM10 filters and the capability to upload these data to U.S. EPA's Air Quality System (AQS) database;
- V. **NOW, THEREFORE**, the Participants agree to cooperate as follows:

**SECTION I
AREAS OF COOPERATION**

SPA BC intends to:

1. Maintain operation of PM10 monitors in Baja California by providing maintenance and repairs needed for the Baja California Air Monitoring Network (the Network) monitors and instruments at each station;
 2. Assume financial responsibility for all maintenance and repairs referred to in Section I (1);
 3. Develop a Monitoring and Quality Assurance and Control (QA/QC) Plan and operate the Baja California Network in compliance with this Plan;
 4. Develop Standard Operating Procedures (SOPs) for the laboratory and operate the laboratory in compliance with those procedures;
 5. Continue being technically, financially, and administratively responsible for QA/QC, data management, and dissemination and uploading the data from the Network monitors without delay to U.S. EPA's AQS database;
 6. Provide PM10 mass data to AQS within 90 days of the end of each calendar quarter;
 7. Ensure that hourly air quality data is sent to AirNow-Tech for use as part of the Imperial County-Mexicali real-time air quality webpage for alerts and forecasts;
 8. Assume responsibility for purchasing or requesting the PM10 manual sampler filters from U.S. EPA in 2020 for the sampling needs in 2021;
 9. Assume technical, financial, and administrative responsibility for the
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gravimetric analysis of PM10 filters, including QA/QC and the dissemination of the data into AQS no later than January 1, 2020;

CARB intends to:

1. Compare the PM10 pre- and post-sample filter weights for samples collected from September 2018, through January 2019, between the SPA BC laboratory and MLD;
2. Continue weighing PM10 filters and reporting data for the nine (9) PM10 monitors for SPA BC at the following locations until December 31, 2019. Sites are listed in order of priority:
 - 1) SPABC10 (ITM)
 - 2) SPABC12 (UABC)
 - 3) SPABC14 (COBACH)
 - 4) SPABC19 (CESPM)
 - 5) SPABC24 (CETYS)
 - 6) SPABC01 (ITT)
 - 7) SPABC03 (LAM)
 - 8) SPABC21 (LAB)
 - 9) SPABC23 (TKT);
3. Provide SPA BC with PM10 manual sampler filters through 2020;
4. Provide SPA BC with basic laboratory analysis and use of AQS training needed for proper PM10 analysis. Training will be conducted at CARB's 1927 13th Street Location in Sacramento, California and will not exceed two weeks;
5. Continue supporting SPA BC in carrying out non-laboratory training, certification, QA/QC, and data management as legally permitted and as resources allow;
6. Transfer the technical, financial, and administrative responsibility of the gravimetric analysis of PM10, including QA/QC and the dissemination of the data and loading them without delay into AQS no later than January 1, 2020, to SPA BC;

SECTION II DURATION AND MODIFICATION

This MOC is effective upon the date of the last signature of the Participants designated below and will remain in place unless an amendment is necessary or until terminated in writing. Any amendment to this MOC must be made in writing and agreed upon by the Participants.

SECTION III DISPUTE RESOLUTION, AUTHORIZED REPRESENTATIVES, NOTICES

The Participants will use their best efforts to settle amicably any dispute, controversy, or claim arising out of this MOC. Any disputes arising out of this MOC shall be negotiated between the authorized representatives identified below, who shall act as

liaisons for this MOC. Any notice or request required or permitted to be given or made under this MOC shall be in writing and provided to the addresses specified below.

For the California Air Resources Board:
Chief of the Monitoring and Laboratory Division.
1927 13th Street, Sacramento, CA 95811

For the Secretariat of the Environment for Baja California:
Director of Planning and Environmental Policy.
Blvd. Benito Juarez No 1, Esq. con Francisco L. Montejano, Mexicali, Baja California,
C.P. 21260

**SECTION IV
GOOD FAITH, FUNDING AND RESOURCES**

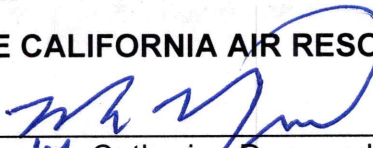
The Participants agree in good faith to uphold the responsibilities outlined above. CARB and SPA BC agree to notify one another if any problems arise and to work together to foster maximum confidence in the air quality monitoring data generated in Baja California. Each Participant's activities undertaken pursuant to this MOC shall be subject to the Participant's applicable laws, as well as the Participant's availability of funds, personnel, and other resources.

**SECTION V
SUPPLEMENTARY PROVISION**

The Participants acknowledge that this MOC is only intended to provide for cooperation between the Participants and does not create any legally binding rights or obligations. To the extent any other provision of this MOC is inconsistent with this paragraph, this paragraph shall control.

In WITNESS THEREOF, the California Air Resources Board and the Secretariat of Environment for Baja California, Mexico approve of this MOC to be executed by their duly authorized representatives, signed in duplicate in the cities of Sacramento, California, and Mexicali, Baja California.

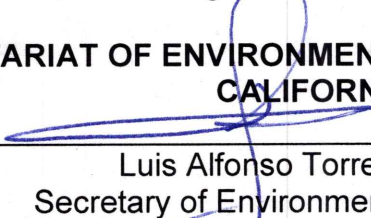
THE CALIFORNIA AIR RESOURCES BOARD



for Catherine Dunwoody
Chief, Monitoring and Laboratory Division

8/12/2019
Date

**THE SECRETARIAT OF ENVIRONMENTAL PROTECTION FOR BAJA
CALIFORNIA**



Luis Alfonso Torres Torres
Secretary of Environmental Protection

19/09/19
Date