



REGION 10

SEATTLE, WA 98101

19 December 2023

Mr. T.J. Brado
Environmental Program Manager
Air Monitoring and Quality Assurance
Alaska Department of Environmental Conservation

Dear Mr. Brado:

In your letter dated November 22, 2023, the Alaska Department of Environmental Conservation (ADEC) requested approval for several modifications to their ambient air monitoring network:

1. Changing the monitors used for PM_{10-2.5} sampling at the Fairbanks NCore site (AQS-ID: 02-090-0034). ADEC proposes to remove the current paired FRM monitors measuring PM_{2.5} and PM₁₀ to determine the mass concentration of coarse particulate matter (PM_{10-2.5}) and replace the PM₁₀ sampler with an FRM that matches the manufacturer of the primary PM_{2.5} FRM at the site. This meets the PM_{10-2.5} method requirements set out in 40 C.F.R. Part 50 Appendix O.
2. Reducing the sampling frequency of the primary PM_{2.5} sampler at the Fairbanks NCore site.
3. Replacing the primary PM_{2.5} sampler at the Juneau SLAMS site (AQS-ID: 02-110-0004). ADEC proposes to replace the current PM_{2.5} FRM sampler with a different model FRM. This meets the requirements set out in 40 C.F.R. §58.11.

By this letter, Region 10 approves the requests to replace monitors at the NCore and Juneau sites but defers on the request to reduce the sampling frequency at the NCore site. Following discussions with Region 10, ADEC decided to delay the request to reduce the sampling frequency at the Fairbanks NCore site until January 1, 2025. This decision was documented via an email message dated December 7, 2023 (see Attachment I).

We appreciate ADEC providing formal request and documentation for these changes to their SLAMS network, as required per 40 C.F.R. §§ 58.10(a)(2) and 58.14(b). If you have any questions regarding this correspondence, please contact me at (206) 553-0985 or Sarah Waldo at (206) 553-1504.

Sincerely,

Debra Suzuki, Manager
Air Planning and State/Tribal Coordination Branch

Enclosure: NCore sample frequency e-mail

Waldo, Sarah (she/her/hers)

From: Brado, T J J (DEC) <tj.brado@alaska.gov>
Sent: Thursday, December 7, 2023 4:29 PM
To: Waldo, Sarah (she/her/hers)
Cc: barbara.trost@alaska.gov
Subject: NCore sample frequency discussion....

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Hello Sarah,

Per our discussion earlier, I reached out to Barbara, and we had a discussion regarding the sample frequency change at NCore as previously requested in our network modifications letter.

After our discussion, we decided that we would be amenable to continuing 1 in 1 sampling at NCore for calendar year 2024 and re-approach a change to the sample frequency for 2025.

As such, what would be the best way to amend that in the letter? Would you like us to send a revised version of that letter with the request removed or send a new letter rescinding that request?

Thanks!



T.J. Brado
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