



EMSL ANALYTICAL, INC.

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June 22, 2017

Dave Beadle
Safety Management Systems
460 Glen Drive
Oroville, CA 95966

Project: Oroville EMOP / EMSL Order ID: 091710331 / 2017.05.27 Diversion Dam Sample Set

Dear Dave:

On 5/30/17, the EMSL San Leandro laboratory received a set of 18 samples for CARB AHERA TEM analysis from the "Diversion Dam" area of the Oroville EMOP project; collected by your staff on 5/27/17. These samples were logged and assigned the unique **EMSL Order ID 091710331**.

The San Leandro laboratory partially prepped the 18 samples to the point where they were ashed, carbon coated and placed on glass slides. In order to expedite analytical results, the prepped slides and remaining filter wedges were sent to our corporate laboratory in Cinnaminson, NJ for final prep and analysis; under the same unique order ID. A report was issued to you on 6/14/17 that reported two sample exceedances (>0.005 s/cc): sample 0527-OFD-TPT-01 with a result of 0.0350 s/cc of chrysotile; and sample 0527-OFD-TPT-05 with a result of 0.0059 s/cc.

We received an inquiry from you on 6/15/17 regarding the exceedance on sample 0527-OFD-TPT-01 and began an investigation. A QC re-analysis of this sample was performed on 6/15/17 which corroborated the initial result. Upon further investigation however, we determined that the order of the slides received from the San Leandro lab were in question. Therefore, we re-prepped and re-analyzed all samples in the set (utilizing the original filters). We were unable to reproduce the high fiber count on the sample in question. We issued an amended report with revised results, dated and sent to you on 06/19/17.

We are closely reviewing our internal procedures at both our San Leandro and Cinnaminson labs to ensure that this scenario will not happen in the future. We have also put a system in place that for all sample exceedances moving forward, a phone call will be placed to you with the location and amount of the exceedance prior to sample results being released.

We apologize for any issues these discrepancies may have caused. If you have any questions or concerns, please do not hesitate to contact me.

Sincerely,

Oommen Kappil
National Director of Quality Assurance
EMSL Analytical, Inc.

