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From: Blair Allen
To: Scott (Cupertino) NA Renfrew
Date: 4/21/2010 11:53 AM
Subject: Re: Lehigh Southwest Cement Company - Permanente Plant - 1st quarter2010 STP report per 94-038

Scott-
Thanks for the report.
I noticed a discrepancy in the reporting of Coliform data, discussed here below.

For Coliforms, the report includes tabulations of both Sample Reading test results, and calculated values identified as "Median, last 7 Readings".

The values reported as median values are actually ARITHMETIC MEAN values of the subject seven samples, not Median values.
The correct value to report is the Median.
The Median of a set of numbers is the middle number of the ordered set, ordered from low to high (or high to low).

For example, for Jan 4 through Feb 18, sample results are <2, <2, 2, 300, <2,<2, 8.
The arithmetic mean is (Sum of All Values) / (Number of values) = 318/7 = 45.
The Median here, for seven numbers, is the 4th in the ordered set, or "< 2".

This discrepancy should be corrected in future reports.

Also, the date in the heading on the Table pages is incorrect, given as July 15, 2009.

Thanks,
- Blair

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>>> "Renfrew, Scott (Cupertino) NA" <Scott.Renfrew@hanson.biz> 4/15/2010 4:12 PM >>>

Dear Blair Allen:

Please see the enclosed 1st quarter 2010 Sewage Treatment Plant report for the Lehigh facility.

Please do not hesitate to contact me with any questions or comments.

No Hard Copy to Follow.

Thank you,

Scott A Renfrew
Environmental Manager

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