Reporting to the MDL for MCHM can be enacted but the data must be carefully interpreted by trained personnel. It is not recommended for the non-science oriented individual to be given this information without clarification. The MDL is a statistically generated figure that is usually derived from laboratory grade water that does not represent a matrix in its natural state. With this in mind a single data point with a positive detect can mislead one to believe a consistent presence when indeed this could have been a chromatographic anomaly or a naturally occurring interference in which the detect for the target analyte really never occurred. In many cases the reported presence cannot be confirmed by another technique or dissimilar column. The absolute value of the number reported is meaningless and the data must be flagged. When using "J" flagged data it is useful to review entire data sets generated over time or over a sample grid to establish trending tendencies when examining a site for potential impact. Again, this information can be made available and certainly any of the chromatograms we have generated by examining your samples will be supplied upon your request. I hope this information has proven to be useful and if there are any other questions pertaining to this matter please do not hesitate to contact the Lab Director-Dr. Clarence Haile, Project Manager- Scott Gross or myself.

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