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NAS JACKSONVILLE
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LETTER REGARDING EVALUATION OF QUALITY CONTROL AND SPLIT DATA NAS
JACKSONVILLE FL
4/21/1994
U S EPA REGION IV



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IV
345 COURTLAND STREET, N.E.
ATLANTA, GEORGIA 30365

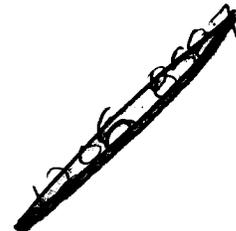
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RECEIVED 4/20/94

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CERTIFIED MAIL
RETURN RECEIPT REQUESTED



Mr. Joel G. Murphy
Department of the Navy
Southern Division
Naval Facilities Engineering Command
2155 Eagle Dr., P. O. Box 10068
Charleston, South Carolina 29411-0068

SUBJ: Evaluation of Quality Control and Split Data from
NAS Jacksonville - NPL Site
Jacksonville, Florida

Dear Mr. Murphy:

The U. S. Environmental Protection Agency (EPA) has received and evaluated data for three (3) water samples which were collected at the Naval Air Station (NAS) Jacksonville in November and December of 1993. The samples were split between the non-Contract Laboratory Program (CPL) laboratory, CH2M Hill Laboratories and the Region IV ESD laboratory.

The split samples were analyzed for total metal, cyanide, and volatile, semivolatile, and pesticide organic compounds. The non-CLP laboratory provided raw data packages for the samples. Examination of these raw data packages indicated overall acceptable technical performance, with routine data qualification.

For the total metal analyses, positive results were reported in all three (3) of the samples. There was acceptable agreement between the two (2) laboratories for these results. For the cyanide analyses, positive results greater than the detection limit were not reported by either laboratory.

For the volatile analyses, positive results greater than the detection limit were reported in one (1) sample. There was agreement between the two laboratories for these results. For the semivolatile and pesticide analyses, positive results greater than the detection limit were not reported by either laboratory.

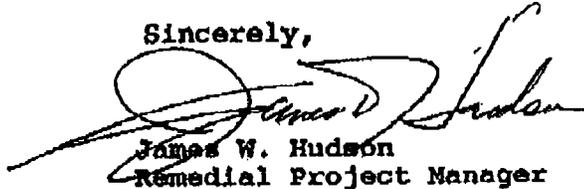
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The non-CLP laboratory received ESD Quality Control (QC) blank and spike samples for analysis. Significant contamination was not reported in the QC blank samples. Overall, recoveries of the spiked elements and compounds in the QC spike samples were acceptable.

Based on the limited QC and split sample results, the data appears to be acceptable for the total metals and volatile organic compound analyses. For the cyanide, semivolatile and pesticide analyses, agreement between the two (2) laboratories is restricted to the qualitative assessment that positive results were not reported in the samples. It is not possible to assess the quantitative agreement between the two (2) laboratories for these analyses. It should be noted that the recovery of the spiked analytes in these analyses was acceptable.

Copies of the ESD split sample data and comparison tables are enclosed. Should you have any questions regarding this matter, please contact me at the above address or call me at (404) 347-3016.

Sincerely,



James W. Hudson
Remedial Project Manager

Enclosure

cc: Eric Nuzie, FDEP
Jorge Caspary, FDEP
James Malone, SOUTHDIVNAVFACENGCOM

NOT ENCLOSED w/ FAX TRANSMITTAL! SA 4/25/94