

Subject: RE: ESI-22Apr11.xlsx
From: Matthew Miller <mmiller@envstd.com>
Date: Thu, 05 May 2011 14:38:12 -0400
To: paul.moisan@noaa.gov

Hi Paul,

I hope all is well with you. Maybe this will further clarify what happened with the data in question.

They are all tentatively identified compounds. These are not target analytes. It is sort of an anomaly in how the edds present information. It is basically showing the absence of these compounds that were found in some samples but for which there is no reporting limit and therefore the data were not able to be quantitatively qualified. This resulted in no qualifiers.

In the case of Flashpoint the way it is reported is with a Y or N result value. This is not accepted in Scribe so the detect field is used to determine if a Y or N. If a detect there would not be a result and certainly not qualified as a "U" or "R".

Matthew T. Miller
Environmental Standards, Inc.
1140 Valley Forge Rd * P.O. Box 810
Valley Forge PA 19482-0810
www.EnvStd.com
Phone: 610-935-5577
Fax: 610.935.5583

-----Original Message-----

From: paul.moisan@noaa.gov [<mailto:paul.moisan@noaa.gov>]
Sent: Thursday, May 05, 2011 8:00 AM
To: Matthew Miller
Subject: Re: ESI-22Apr11.xlsx

Good Morning Matt, I have been reviewing this workbook. My only question to you is, what is going on on the Null_Result_No_U_or_R tab? Can you please explain?
Thanks!!

----- Original Message -----

From: Matthew Miller <mmiller@envstd.com>
Date: Tuesday, May 3, 2011 4:23 pm
Subject: ESI-22Apr11.xlsx
To: "Julie.Bosch" <Julie.Bosch@noaa.gov>
Cc: Jim Brinkman <Jim.Brinkman@noaa.gov>, paul.moisan@noaa.gov

Please find attached the error log for ESIs last upload with more explanation as to why the data should be excluded or noted as acceptable. I will be on the call tomorrow for additional discussion.

Regards,

Matt

Subject: RE: ESI database validation report

From: Matthew Miller <mmiller@envstd.com>

Date: Tue, 17 May 2011 14:56:18 -0400

To: paul.moisan@noaa.gov, Jim Brinkman <Jim.Brinkman@noaa.gov>, "Julie.Bosch" <Julie.Bosch@noaa.gov>

TOC

TOC_Control

The analytes above should have been exceptions for the BASIS for the same reasons stated for things like SILT and SILT_CONTROL.

Sorry I missed that in my list.

I will correct the lat long in question and update the locations table. I should get to that tomorrow.

Regards,

Matt

Matthew T. Miller
Environmental Standards, Inc.
1140 Valley Forge Rd * P.O. Box 810
Valley Forge PA 19482-0810
www.EnvStd.com
Phone: 610-935-5577
Fax: 610.935.5583

-----Original Message-----

From: Julie.Bosch [<mailto:Julie.Bosch@noaa.gov>]

Sent: Tuesday, May 17, 2011 2:43 PM

To: Matthew Miller; Jim Brinkman; paul.moisan@noaa.gov

Subject: ESI database validation report

Matt,

We ran a new validation report on the ESI database. The attached file shows the results. There are only a few outstanding issues. Everything else corresponds to the exceptions that you have sent. A summary is below.

Please let me know how you want to proceed.

Julie

Basis - Basis for TOC and TOC Control are not completed. These were not listed as exceptions in your email on 050311.

MDL and MDL Units - OK. All are noted as exceptions.

Reporting Limit and Reporting Limit Units - OK. All are noted as exceptions.

Latitude and Longitude - One locations is missing the Latitude and Longitude.

Null Result no U or R - OK. All are noted as exceptions.

--

~~~~~  
Julie A. Bosch  
NOAA  
National Coastal Data Development Center  
Stennis Space Center, MS 39529

Phone: 228-688-3841  
Fax: 228-688-2968

Email: [julie.bosch@noaa.gov](mailto:julie.bosch@noaa.gov)

Visit our website at: [www.ncddc.noaa.gov](http://www.ncddc.noaa.gov)  
~~~~~

Subject: RE: ESI Project 1302 validation report

From: Matthew Miller <mmiller@envstd.com>

Date: Fri, 22 Jul 2011 16:36:59 -0400

To: "Julie.Bosch" <Julie.Bosch@noaa.gov>

CC: Jim Brinkman <Jim.Brinkman@noaa.gov>, paul.moisan@noaa.gov, Tyrone Rodriguez <trodriquez@envstd.com>

Julie,

I hope you are keeping cool in this heat wave. The issues for much of this data will never be corrected as most errors had to do with early response data analyzed by LSU. The LSU data quality was such that it was deemed unusable. The data was received as is and the lab could not and still has not been able to produce hardcopy backup to support the electronic data deliverable. Below you will find some wording you can use as exceptions for the data in the latest deliverable. I will look into the latitude longitude issues a bit further to possibly get the correction process started. Due to the scrutiny data generated for the MC252 event is under I must formally document any requested changes.

LR-MDL_Units:

The LSU data quality was such that it was deemed unusable. The data was received as is and the lab could not and still has not been able to produce hardcopy backup to support the data.

The SPL Lafayette data was also not of sufficient quality. This data was also not QC'd and is reported as received from the lab.

LR-Reporting_Limit:

The LSU data quality was such that it was deemed unusable. The data was received as is and the lab could not and still has not been able to produce hardcopy backup to support the data.

LR-Reporting_Limit_Units:

The LSU data quality was such that it was deemed unusable. The data was received as is and the lab could not and still has not been able to produce hardcopy backup to support the data.

The SPL Lafayette data was also not of sufficient quality. This data was also not QC'd and is reported as received from the lab.

Latitude and longitude:

Field Data location information is as received after QC'd by Entrix. ESI is required to document changes through a formal process if they differ from source data (COC)

Therefore any changes may take some time to research and correct for subsequent publishing.

LR-Null_Result_no_U_or_R:

The LSU data quality was such that it was deemed unusable. The data was received as is and the lab could not and still has not been able to produce hardcopy backup to support the data.

The Spectra data was also marked as final not qc'd due to quality issues and therefore is left as received in the original deliverable.

samp_depth_units:

Field Data information is as received after QC'd by Entrix. ESI is required to document

changes through a formal process if they differ from source data (COC)

Therefore any changes may take some time to research and correct for subsequent publishing.

LR-Basis --Same reason as before the lab did not provide the Basis for Percent Moisture/

If you have any further questions please do not hesitate to call or email.

Regards,

Matt

Matthew T. Miller
Environmental Standards, Inc.
1140 Valley Forge Rd * P.O. Box 810
Valley Forge PA 19482-0810
www.EnvStd.com
Phone: 610-935-5577
Fax: 610.935.5583

-----Original Message-----

From: Julie.Bosch [<mailto:Julie.Bosch@noaa.gov>]
Sent: Friday, July 22, 2011 1:19 PM
To: Matthew Miller
Cc: Jim Brinkman; paul.moisan@noaa.gov
Subject: ESI Project 1302 validation report

Hi Matt,

Thanks for taking care of the issues that popped up after that last update.

Jim ran a validation report on the latest database, version 71, using the Valid Values List that Paul updated on 072111 (attached).

Many of the things listed in the validation report were issues that we had noted as exceptions previously. I've annotated this report again with those exceptions and highlighted the things that are new issues. General notes on those issues are below, with the details in the attached validation report.

Please let me know if you have any questions. We can run a final validation report again after these are addressed.

Thanks,

Julie

Notes on ESI's Porject 1302 validation report (072111):

LR-Basis - Basis is missing for 13 samples associated with Lab_Batch_No BTM78 (row numbers 1591-1603); the remainder were previously noted as exceptions per email 050311.

LR-MDL - TRG Result Types for Analytes listed as "Total Petroleum Hydrocarbons

as Oil," "TPH," and "Pour Point" are missing MDLs. These were not noted in your email 050311 as exceptions. The remainder of the MDL issues were previously noted as exceptions based on the 050311 email.

LR-MDL_Units - Analytes listed as "Sulfur," "Total Petroleum Hydrocarbons as Oil," "TPH," and "Pour Point" are missing MDL Units. These were not noted in your email 050311 as exceptions. The remainder of the MDL issues were previously noted as exceptions based on the 050311 email.

LR-Reporting_Limit - TRG Result Types for Analytes listed as "Total Petroleum Hydrocarbons as Oil," "Sulfur," and "Pour Point" are missing Reporting Limits. These were not noted in your email 050311 as exceptions. The remainder of the issues were previously noted as exceptions.

LR-Reporting_Limit_Units - Analytes listed as "Total Petroleum Hydrocarbons as Oil," "Sulfur," and "Pour Point" are missing Reporting Limit Units. These were not noted in your email 050311 as exceptions. The remainder of the issues were previously noted as exceptions.

S-samp_depth_units - sample depth units are missing for 23 listed sample depths.

L-Latitude - one latitude needs to be entered.

L-Longitude - Hemisphere issue, missing negative signs for West longitude. Also, note the one location "29.74538,29.74538" appears to have the latitude listed twice, please verify this location.

LR-Null_Result_no_U_or_R - 28 of the items on the list were previously noted as exceptions; the remaining have a QA comment "Final-Not QCd" but no U or R qualifiers are listed.

--

~~~~~  
Julie A. Bosch  
NOAA  
National Coastal Data Development Center  
Stennis Space Center, MS 39529  
  
Phone: 228-688-3841  
Fax: 228-688-2968  
  
Email: [julie.bosch@noaa.gov](mailto:julie.bosch@noaa.gov)  
  
Visit our website at: [www.ncddc.noaa.gov](http://www.ncddc.noaa.gov)  
~~~~~