

Subject: RE: Deepwater Horizon FLDEP database
From: "Lurding, Kathleen" <Kathleen.Lurding@dep.state.fl.us>
Date: Fri, 24 Jun 2011 09:30:41 -0400
To: "Julie.Bosch" <Julie.Bosch@noaa.gov>
CC: "paul.moisan@noaa.gov" <paul.moisan@noaa.gov>

Julie,

I have addressed as many of your issues as I could - please see individual responses below. I published late yesterday so you should see the changes when you update our project.

Let me know if you still have issues with our dataset.

Regards -

Kathy Lurding

KM Lurding

Administrator, Laboratory Support Section
FDEP Bureau of Laboratories
(850) 245-8076

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From: Julie.Bosch [mailto:Julie.Bosch@noaa.gov]
Sent: Wednesday, June 08, 2011 1:07 PM
To: Lurding, Kathleen
Cc: paul.moisan@noaa.gov
Subject: Deepwater Horizon FLDEP database

Hi Kathy,

I work for NOAA's National Coastal Data Development Center and we are involved with the data management activities related to the Deepwater Horizon Oil Spill. One of the tasks that we are wrapping up is the effort to coordinate the content across the Scribe databases holding Deepwater Horizon related data and to archive versions of these databases. Since this effort covers 14 databases, we are working to resolve the inconsistencies among the databases so that the data can be more readily queried and integrated.

Paul Moisan has been in touch with you in the past regarding the validation checks that we have been running on the FLDEP database (Scribe project #1230). We have recently re-run a validation report based on our most recent list of Valid Values which has been compiled to harmonize the data across the databases. Paul has annotated the validation report with the Valid Values to be applied. We used the EPA Substance Registry Services to come up with the preferred analyte name, spelling, and

CAS_NO (in some instances there were analytes with multiple CAS_NO). There is likely little change between this current report and the previous version that Paul had sent.

A summary of the requested changes to be made to the FLDEP database is provided below. The annotated validation report is attached along with the most recent version of the Valid Values list.

Ten of the 14 databases have been completed and our goal is to wrap up this effort within the next few weeks and to have the collection of databases archived by the end of the month. Please let me know if you are able to address the issues summarized below. In a few cases where the database publishers were not able to make all the recommended changes, we have asked them to provide notes on what is not going to be changed (for example: Required value is not provided in the Lab EDD).

If you have any questions please feel free to contact me or Paul Moisan.

Thanks for your help in this effort.

Best Regards,

Julie Bosch

*** Validation Summary *** FLDEP - 07 June 2011

Datum - Valid Values for this are NAD27, NAD83, or WGS84. Please complete the blank fields. For some of the entries, it seems as though "WGS84" is inserted twice in the field, causing the validation error.

For each sample, if a Datum is not available, please provide a note to that effect. [\[KML\] We didn't begin collecting and storing this until August 2010. At that time, datum wasn't a required data element so I didn't add it to my EDD until my communication with Paul this past March. I have now manually populated this field for all of the locations that we have it. Even since last summer, we occasionally get a submittal form that doesn't include the datum and for those I didn't populate the field in Scribe. As far as the duplicate entries, I couldn't see anything entered twice but did note the same phenomenon when opening an exported text file in Excel. I deleted and re-entered "WGS84" in those records and re-exported and the problem seems to have gone away. So now - for the current and future FLDEP dataset - if we didn't include the datum, we don't have it.](#)

Analyte - Please use the Valid Values as listed in the annotation for these analytes. It has been identified that several synonyms of each analyte had previously been used, and this caused duplications.

Therefore, these analyte names were assigned based on the EPA Substance Registry Service. [\[KML\] I have been using the valid values you requested since Paul requested them in](#)

March, and have made global updates to the earlier records. You should see them when you refresh the dataset.

Analytical_Method - Please use the Valid Values as listed in the annotation. Again, there were previously several ways of reporting the Analytical_Method, and these were combined into the Valid Values list.[\[KML\]](#) See response for Analyte.

Basis - Please use the Valid Values as listed in the annotation (Wet, Dry, or As Rcd).[\[KML\]](#) I have updated the Basis for samples 1325461 and 1325462.

Cas_NO - Two analyte require a change to the CAS-No. Please use the Valid Values as listed in the annotation.[\[KML\]](#) I have updated the CAS numbers as requested. Regarding TRPH, we use the NELAC code '1935' in our LIMS and I cannot change it to the string you are using there. This will be something I just have to remember to change manually once I create the results EDD and I will try to do so.

Lab_Name - Please use the Valid Values as listed in the annotation.[\[KML\]](#) I have updated the lab name for the records affected.

MDL - Please provide the MDL as provided by the laboratory for the nine samples listed. If there are cases where MDLs are not available, for each sample please provide a note to that effect.[\[KML\]](#) The MDL for the list of samples you indicated is not available - we did not receive it from the overflow laboratory.

MDL_Units - Please provide the MDL_Units as provided by the laboratory for the nine samples listed.[\[KML\]](#) See response for MDL.

Reporting_Limit - Please provide the Reporting_Limit as provided by the laboratory. If there are cases where Reporting Limits are not available, for each sample please provide a note to that effect.[\[KML\]](#) I have updated our dataset with the missing Reporting Limits.

Reporting_Limit_Units - Please provide the Reporting_Limit_Units as provided by the laboratory.[\[KML\]](#) See response for Reporting_Limit.

Date_Collected - Please insert the information into this column.[\[KML\]](#) The collection date was entered at the sample level (SampleDate field), which made sense to me and was approved by ERT Support when our EDDs were first developed. Upon request by Paul in March, I began including it with the results. At this point it is not feasible for me to manually update this for the earlier records.

Samp_Depth - Please provide the depths for these samples. If Sample Depths are not available, for each sample please provide a note to that effect.[\[KML\]](#) We are not always

provided the sample depth. If it wasn't entered into Scribe, it is not available.

Matrix_ID - One sample is missing the Matrix ID. Please provide this information.[\[KML\] Sample 1333951 should not have been uploaded to Scribe. It has been removed.](#)

Locs_Not_In_S_or_M - There are five Locations listed that do not have corresponding entries in either the Samples or the Monitoring tables. Please verify that these are correct and should be included.[\[KML\] These locations have been deleted.](#)

Orph-Samps - There is one sample reported in the Lab Results table that does not have a corresponding entry in the Samples Table. Please verify this entry.[\[KML\] See response for Matrix_ID.](#)

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