



OGMCOAL DNR <ogmcoal@utah.gov>

Re: Q3 and Q4 2016 data missing

Erik Petersen <petersen@relia.net>

Wed, Jul 5, 2017 at 6:03 PM

To: Keenan Storrar <kstorrar@utah.gov>

Cc: knichoies@altoncoal.com, ogmcoal@utah.gov, epetersen@petersenhydrologic.com, drew@altoncoal.com

Hello Keenan,

Here is the information we discussed on the phone today (5 July 2017) regarding the EDI database information for the Alton Coal Development, LLC Coal Hollow Mine. Thanks for your help with getting this resolved!

The missing variables TDS, T-Alk, Cl, D-K, Bcrb, SO4 for Kanab Creek at C.R.

The Kanab Creek @ C.R. site was monitored on 27 December 2016 at 18:15. I am providing the Chemtech Ford lab sheet for that sample which contains all the requested information. If you would like me to enter that information from my end, just delete that sample from the database and I can re-enter everything from here.

These data are still missing for Q2 and Q3 2016:

SW-9 – June: The requested information for that sample has been entered into the EDI and marked as ready for uploading (no flow on 6 June 2016 09:15).

SW-101 – June: The requested information for that sample has been entered into the EDI and marked as ready for uploading (no flow on 5 June 2016 10:20).

SW-1 – June and September: The required information for those SW-1 samples was routinely submitted previously. There are additional parameters being requested by the EDI database that are not part of the water monitoring plan in the approved MRP. These inactive parameters are set as “required” parameters in the EDI database. Because these parameters were not analyzed at SW-1 during June and September, there are no data to enter into the database for those required database entries. Consequently, the database incorrectly indicates that there are errors with the sample entries and the database will not allow the samples to be marked as ready for uploading in the current database configuration. The required database parameters will need to be updated so that the samples can pass the QA edits and be marked as ready for uploading.

The parameters that need to be removed from the list of required parameters for SW-1 are:

- Acidity as CaCO₃
- Bicarbonate as HCO₃
- Carbonate as CO₃
- pH (lab)
- Settleable Solids

- Specific Conductivity (Lab)
- Total Hardness as CaCO₃

Kanab Creek @ C.R. – September flow: The flow value for Kanab Creek @ C.R., sampled 11 September 2016 was 38 gpm.

NLP-1 June:

NLP-10 June:

NLP-2 June:

NLP-3 June:

NLP-6 June:

NLP-7 June:

NLP-8 June:

NLP-9 June:

Y-70 June:

Correct values for water depth and water elevation were routinely entered into the database previously for all of these monitoring-well samples. The 2nd quarter 2016 monitoring events for these monitoring wells were performed in late April and not in June, which may explain the confusion surrounding these sample entries.

Also, regarding the database entries for the UPDES discharges during the most recent quarter (1st quarter 2017), the EDI database is set with settleable solids as a required parameter. Routine monitoring of settleable solids is not required in the UPDES permit, although it may be analyzed periodically during periods of high precipitation or snowmelt runoff. Until settleable solids is removed from the required parameter list for the UPDES discharge points, it will not be possible to mark the samples in the pipeline as ready for uploading (the database will not allow it because the lack of settleable solids data sets an error flag in the sample entry that must be resolved before marking the sample as ready for uploading).

Thanks again for your help Keenan, and have a fantastic vacation!
Erik

--- kstorrar@utah.gov wrote:

From: Keenan Storrar <kstorrar@utah.gov>
To: Erik Petersen <petersen@relia.net>, Kirk Nicholes <knicholes@altoncoal.com>, OGMCOAL DNR <ogmcoal@utah.gov>
Subject: Re: Q3 and Q4 2016 data missing
Date: Wed, 5 Jul 2017 14:11:09 -0600

Hi Erik,

Just to follow up on our conversation. Please send me the list of parameters required by the database that are not required in the MRP for SW-1. I'll talk to Dana and Steve about Settleable Solids as a required parameter for the UPDES outfalls. I'll double check all the NPL and Y-70 values. SW-9 and SW-101 need to be okay'd in the pipeline and I'll pull them through. You'll send me the lab sheet for Kanab @ Crossing for the December 27, 2016 sample and

I'll enter the water quality values. Send me the September flow at Kanab @ Crossing and I'll enter it.

Thanks for the phone call. I'll get this all entered when I'm back in the office.

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Keenan

Keenan Storrar
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kstorrar@utah.gov

On Wed, Jul 5, 2017 at 10:13 AM, Keenan Storrar <kstorrar@utah.gov> wrote:

There are a significant number of samples in the Pipe-line that need errors ok'd. Are there issues with the lab files? We need this data uploaded into the database and correct before the end of this quarter. If we are not working towards a solution on this I will have to take enforcement action.

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On Thu, Jun 29, 2017 at 11:38 AM, Keenan Storrar <kstorrar@utah.gov> wrote:

Kirk, Erik,

I've gone through the water monitoring data for the 4th quarter of 2016. Additional data needs to be uploaded for Kanab @ Crossing.

The missing variables are: TDS, T-Alk, Cl, D-K, Bcrb, SO4

These data are still missing for Q2 and Q3 2016:

SW-9 - June
SW-101 - June
SW-1 - June and September
Kanab Creek @ C.R. - September flow
NPL-1 - June
NPL-10 - June
NPL-2 - June
NPL-3 - June
NPL-6 - June
NPL-7 - June
NPL-8 - June
NPL-9 - June
Y-70 - June

This data must be uploaded within the next couple weeks.

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 **Kanab Creek at C.R. 27Dec2016 Lab Sheet Chemtech-Ford.pdf**
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