DATA QUALITY REVIEW SHEET

COGCC Facility ID:	752936	Operator:	TEP Rocky Mountain LLC
Station Name:	Mikowski 64327-F	Drill Pad:	Monument Ridge
Sample Date:	6/7/2021	Purpose:	Rule 615 2nd Subsequent
Field Sample ID:	Mikowski 64327-F	Lab Sample ID:	2106184-1

Field Sampling Data Review	**Yes**	**No**	**N/A**
1. Well properly purged?	☒	☐	☐
2. Flow rate reduced prior to sampling?	☒	☐	☐
3. Water quality parameters stable prior to sampling?	☒	☐	☐
4. Field instruments calibrated properly?	☒	☐	☐
5. Sampling methods performed according to SAP procedures?	☒	☐	☐
6. Procedures consistent with obtaining a representative sample?	☒	☐	☐
Lab Data Report Review			
7. Proper sample custody maintained until laboratory receipt?	☒	☐	☐
8. Receipt form is without discrepancies?	☒	☐	☐
9. Samples received at the recommended water temperature of ≤ 6˚C?	☒	☐	☐
10. All samples analyzed for the requested analyses?	☒	☐	☐
11. Proper laboratory methods used?	☒	☐	☐
12. All sample holding times met besides pH?	☐	☒	☐
13. Lab QC samples (LCS, LCSD, MB, MS, and MSD) collected and analyzed according to lab method and results within method acceptance limits?	☐	☒	☐
14. Was the field investigation sample matrix used by the lab for matrix QC?	☒	☐	☐
15. Laboratory qualifiers for sample results (other than non-detect)?	☒	☐	☐
16. Additional qualifiers assigned by WWL to the sample results?	☒	☐	☐
17. Were submitted trip blanks acceptable?	☐	☒	☐
18. Are corrective actions required? *If yes, list actions and dates to be completed by:*	☐	☒	☐

Corrective Action	*Date to be completed*
None	N/A

Calculated Parameters	**Calculated Value**	**Measured Lab Value**	**Ratio/Percent Difference**	**Acceptable Limit**	**Meets QC Criteria?**
Cation/Anion Balance, % (CAB)	0.401%	N/A	N/A	2%	☒
Total Dissolved Solids, mg/L (TDS)	371	360	0.97	1.0 – 1.2	☐
Specific Conductance, µS/cm (SpC)	537	1381	0.39	0.9 – 1.1	☐
TDS/SpC, calculated	N/A	N/A	0.69	0.55-0.7	☒
TDS/SpC, lab measured	N/A	N/A	0.26	0.55-0.7	☐
Anion (meq/L):SpC	N/A	N/A	0.54	0.9 – 1.1	☐
Cation (meq/L):SpC	N/A	N/A	0.54	0.9 – 1.1	☐

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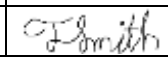
Comments:
Laboratory pH was analyzed eight days out of holding time; GRO and BTEX were analyzed two hours out of holding time; and nitrate was analyzed five days out of holding time. WWL assigned an "H" qualifier to indicate the results are estimated. All other analyses were conducted within recommended holding times. Iron was detected above the MDL but below the RL at 0.11 mg/L in the MB. GRO was detected in the Mikowski 64327-F and Richardson 57703-F samples at 350 µg/L in the trip blank (Lab ID: 2106184-3), and in the method blank at 390 µg/L; no detections of BTEX compounds were found. Results were qualified by the lab with a "B" qualifier indicating probable method blank contamination. BTEX results for the sample were undetected. The GRO results were rejected due to suspected laboratory contamination. ALS also selected field investigation sample Mikowski 64327-F for MS testing for total phosphorus. ALS selected field investigation sample Mikowski 64327-F for testing matrix quality control for lab duplicate RPD for total dissolved solids, alkalinity (total, bicarbonate, and carbonate), and pH. ALS selected field investigation sample Mikowski 64327-F for MSD testing for total phosphorus. A "J" qualifier was assigned to selenium and total phosphorus to indicate a result greater than the method detection limit but less than the reporting limit (result is estimated).

Data Suitability Statement	
Based upon this data quality review and your professional judgement, have the data been collected and analyzed in general accordance with the COGCC Model Sampling and Analysis Plan?	☒
Are the data suitable for release for incorporation into the COGCC Environmental Database?	☒

Data Reviewer's Name:	Trevor Smith	**Company:**	Western Water & Land, Inc.
Reviewer's Signature:		**Date:**	10/21/2021