DATA QUALITY REVIEW SHEET

ECMC Facility ID:	755848	Operator:	TEP Rocky Mountain LLC
Station Name:	BC 10	Drill Pad:	Youberg RU 32-12
Sample Date:	8/6/2025	Purpose:	May/Jun 2025 Rule 411
Field Sample ID:	BC 10	Lab Sample ID:	L1885814-01

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 all matrix QC?	☐	☒	☐
15. Laboratory qualifiers for sample results (other than non-detect)?	☒	☐	☐
16. Additional qualifiers assigned by WWL to the sample results?	☒	☐	☐
17. BTEX detections in trip blank?	☐	☒	☐
18. Are corrective actions required? *If yes, list actions and dates to be completed by:*	☐	☒	☐

Corrective Action	*Date to be completed*
N/A	N/A

Calculated Parameters	**Calculated Value**	**Measured Lab Value**	**Ratio/Percent Difference**	**Acceptable Limit**	**Meets QC Criteria?**
Cation/Anion Balance, % (CAB)	3.17%	N/A	N/A	2%	☐
Total Dissolved Solids, mg/L (TDS)	171	187	0.92	1.0 – 1.2	☐
Specific Conductance, µS/cm (SpC)	279	316	0.88	0.9 – 1.1	☐
TDS/SpC, calculated	N/A	N/A	0.61	0.55-0.7	☒
TDS/SpC, lab measured	N/A	N/A	0.59	0.55-0.7	☒
Anion (meq/L):SpC	N/A	N/A	1.12	0.9 – 1.1	☐
Cation (meq/L):SpC	N/A	N/A	1.05	0.9 – 1.1	☒

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Comments:

- The vial of preservative for the hexavalent chromium sample bottle had completely leaked prior to sampling. No preservative was added to the sample.
- Laboratory pH analysis exceeded holding time by fifteen days. Pace assigned a "T8" qualifier.
- The calculated CAB value was outside of the acceptable limit. WWL assigned an "O" qualifier.
- The total dissolved solids and specific conductance ratios were not within the acceptable ranges.
- Pace assigned a "J" qualifier to carbonate alkalinity, nitrate-nitrite, chloride, fluoride, boron, potassium, and selenium.
- Pace assigned a "J3" qualifier to benzo(k)fluoranthene and dibenz(a,h)anthracene.
- There were no method blank detections.
- Field sample BC 10 was not selected for any quality control analysis.
- The laboratory control sample (LCS) result for (S) o-Terphenyl received a "J2" qualifier.
- The LCS duplicate (LCSD) results for benzo(k)fluoranthene and dibenz(a,h)anthracene received "J3" qualifiers.
- All other quality control qualifiers based on precision and accuracy were assigned based on outside sources.

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 ECMC Model Sampling and Analysis Plan?	☒
Are the data suitable for release for incorporation into the ECMC Environmental Database?	☒
The inorganic data are qualified due to one or more QC criteria not being met; data are considered estimated and provisionally released for incorporation into the ECMC Environmental Database.	☒

Data Reviewer's Name:	Kori Straub	**Company:**	Western Water & Land, Inc.
Reviewer's Signature:	*Kori Straub*	**Date:**	10/28/2025