

# Errata for Montana 2010 Final Water Quality Integrated Report

## WQPBDMSRPT-03-F March 30, 2011

- Due to the creation of Assessment Unit MT41G001\_012 a section of the Jefferson River was erroneously listed as residing in the Upper Jefferson TMDL Planning Area when it should have been listed as residing in the Lower Jefferson TMDL Planning Area. This error has been fixed in the database and effects the 2010 Integrated Report **Appendix A**, page 32 and **Appendix B**, page 74.
- Stream size reported in **Table 4-3** is corrected to reflect mileage for 1:24,000 high-resolution NHD.

**Table 4-3. 2008 Category 2B Assessment Units and Causes Delisted in 2010**

2010 305(b) AU ID	Waterbody Name, Description	Category	Cause	Size (mi.)
MT40O002_040	BEAVER CREEK, confluence of Little Beaver Creek and South Fork Beaver Creek to mouth (Willow Creek)	5	Copper, Lead, Zinc, Cadmium, Iron	16.5
MT40O002_010	CHERRY CREEK, headwaters to the mouth (Milk River)	1	Iron	40.6
MT40C004_020	LOGEPOLE CREEK, North and Middle Fork Lodgepole Creeks to the mouth (Musselshell River)	1	Iron	27.9

- The following are corrections to data reported in **Section 5** tables.

**Table 5-1. Assessment Unit Changes During the 2010 Reporting Cycle**

Pre-2010 305(b) ID	2010 305(b) ID	Current Waterbody Description	Type	Comments
	MT41G002_141	LITTLE WHITETAIL CREEK, headwater to mouth (Whitetail Creek)	New	Added

**Table 5-2. General Data Quality Control and Corrections for 2010 Cycle in the Assessment Database (ADB)**

305(b) ID	Waterbody Name	Data Corrected	Correction
MT41H005_020	Taylor Creek	Waterbody Name, Location Description	The waterbody was previously listed as Taylor-Fork. U.S. Board of Geographic Names Geographic Name Information System shows this waterbody as Taylor Creek.
MT42M002_050	Fox Creek	Waterbody Name, Location Description, AU Location	The waterbody was previously listed as Fox Creek (Including North Fork). The North Fork of Fox Creek was separated and became AU MT42M002_052.

**Table 5-3. Beneficial Use and TPA Assignment Changes**

305(b) ID	Waterbody Name	Data Corrected	Correction
MT400002_030	Willow Creek	TMDL Planning Area	Changed the name of the TPA from Lower Milk–Rock to Lower Milk
MT41A003_210	Alder Creek	TMDL Planning Area	Changed the name of the TPA from Lower Red Rock to Red Rock

**Table 5-4. Changes to Causes and Sources Associated with Assessment Units**

305(b) ID	Waterbody Name	Correction
MT41H003_131	Hyalite Creek	Impairment confidence corrected.

**Table 5-6. TMDLs Approved in the 2008 Reporting Cycle Entered into ADB During 2010 Reporting Cycle**

TMDL Planning Area	305(b) ID	Waterbody Name	Cycle First Listed	Cause Name
<del>Bitterroot Headwaters</del>	<del>MT76H003_070</del>	<del>Buck Creek</del>	2010	Sedimentation/Siltation
Middle Big Hole	MT41D003_160	Fishtrap Creek	1990	Sedimentation/Siltation
Nevada Creek	MT76F007_020	Nevada Lake	2010	Nitrogen (Total)
Middle Blackfoot	MT76F004_050	Wales Creek	2010	Nitrogen (Total)
Middle Blackfoot	MT76F004_010	Frazier Creek	2010	Nitrogen (Total)
Nevada Creek	MT76F003_120	Murray Creek	2010	Nitrogen (Total)
Nevada Creek	MT76F003_082	Douglas Creek	2010	Nitrogen (Total)
Nevada Creek	MT76F003_081	Douglas Creek	2010	Nitrogen (Total)
Nevada Creek	MT76F003_060	Black Bear Creek	2010	Nitrogen (Total)
Nevada Creek	MT76F003_050	McElwain Creek	2010	Nitrogen (Total)
Nevada Creek	MT76F003_030	Gallagher Creek	2010	Nitrogen (Total)
Nevada Creek	MT76F003_012	Nevada Creek	2010	Nitrogen (Total)
Nevada Creek	MT76F003_011	Nevada Creek	1992	Nitrogen (Total)
Middle Big Hole	MT41D003_160	Fishtrap Creek	1990	Sedimentation/Siltation
Lower Big Hole	MT41D002_040	Divide Creek	2010	Nitrogen (Total)

4. Due to transcription errors the following **Section 6.4.2** should replace the existing **Section 6.4.2**.

### 6.4.2 Assessment Unit (AU) Corrections Made in Response to DEQ Quality Control Activities

Several corrections to the state's assessment units (AUs) were made by DEQ during the public comment period. These edits were identified and corrected through internal quality control activities. The table below lists the edits, while the paragraphs in this sub-section describe in detail those edits.

**Table 6-2. DEQ Quality Control Edits during Public Comment**

Location in Draft Report	2010 305(b) ID	Waterbody Name	Edit
Table 5-1	MT41H003_130	Hyalite Creek	Assessment Unit MT41H003_130 was created from MT41H003_131, not MT41H003_132 as reported. Data elements (i.e., assessment information) for this AU were copied from the 2008 MT41H003_131 AU.
Table 5-1	MT41H003_134	Hyalite Creek	Assessment Unit ID changed back to MT41H003_132; MT41H003_134 was removed from the database.

**Table 6-2. DEQ Quality Control Edits during Public Comment**

Location in Draft Report	2010 305(b) ID	Waterbody Name	Edit
Table 5-1	MT41H003_133	Hyalite Reservoir	MT41H003_133 was removed from the database because it was a duplicate of AU MT41H006_010
Table 5-1	MT41J002_010	North Fork Smith River	AU ID changed back to MT41J002_012; MT41J002_010 was removed from the database.
Table 5-1	MT42J005_012	Mizpah Creek	Assessment Unit MT42J005_012 was created from MT42J005_010 and the data elements (i.e., assessment information) for this AU were copied from the original AU.
Table 5-1	MT41J002_013	Lake Sutherlin	Data elements (i.e., assessment information) removed and status changed to "Not Assessed"
Table 5-2	MT41U001_011	Belt Creek	AU location modified by moving start point AU upstream
Table 5-1	MT76H003_010	West Fork Bitterroot River	The split of this AU into MT76H003_011 and MT76H003_013 was undone and the AU reverted back to original ID (MT76H003_010).
Table 5-1	MT76H003_011	Painted Rocks Lake	This new AU was created as MT76H003_012 in Draft Integrated Report and was changed to MT76H003_011 for the Final
Table 5-4; Appendix A, B, & F	MT41G002_010	Big Pipestone Creek	Solids (Suspended/Bedload) cause changed back to Total Suspended Solids (TSS) as it was reported in the 2008 cycle
Table 5-4; Appendix A, B, & D	MT40R003_010	Medicine Lake	Nickel cause corrected back to Lead as it was reported in 2008 cycle
Table 5-1	MT41G002_141	Little Whitetail Creek	AU changed to Category 3, "Not Assessed" as it is a newly created assessment in 2010
Table 5-1	MT41G003_140	Whitetail Reservoir	AU changed to Category 3, "Not Assessed" as it is a newly created assessment in 2010
Any table or appendix with lake/reservoir assessment unit area reported		All Lakes and Reservoirs	Correction in Lake and Reservoir area.
Any table with stream/river mileage reported			Corrected mileage errors in tables

The 2010 Draft Integrated Report stated in **Table 5-1**, that the Hyalite Creek assessment unit MT41H003\_130 was split from Hyalite Creek MT41H003\_132 and received all of the data elements from the 2008 Cycle MT41H003\_132. During an internal quality control process this was found to be an error. Because of the location, it should have been split from the 2008 Cycle Hyalite Creek, MT41H003\_131. During the public comment period the assessment information and associated metadata for Hyalite Creek, MT41H003\_130 was changed to reflect the 2008 Cycle Hyalite Creek, MT41H003\_131. These edits included a change of the use class of Hyalite Creek, MT41H003\_130 from B1 to A1.

The 2010 Draft Integrated Report stated in **Table 5-1**, that Hyalite Creek MT41H003\_134, was split from Hyalite Creek, MT41H003\_132. The new assessment unit received all of the data elements (i.e., assessment information and metadata) from the 2008 Cycle MT41H003\_132. During an internal quality control process it was discovered that the MT41H003\_134 assessment unit was the

same as MT41H003\_132 and thus an errant duplicate. During the public comment period the assessment unit ID for Hyalite Creek, MT41H003\_134 was changed back to MT41H003\_132 and the MT41H003\_134 ID removed from the database. No other changes were made to the assessment unit data.

The 2010 Draft Integrated Report identified in **Table 5-1** a new Hyalite Reservoir assessment unit, MT41H003\_133 for the 2010 Cycle. During an internal quality control process this was found to be an error because an assessment unit already existed for Hyalite Reservoir as MT41H006\_010. Hyalite Reservoir, MT41H003\_133 was removed from the database to correct the error.

The 2010 Draft Integrated Report stated in **Table 5-1** that the North Fork Smith River's assessment unit MT41J002\_010 was split from Smith River North Fork, MT41J002\_012, and received all of the data elements (i.e., assessment information and metadata) from the 2008 Cycle MT41J002\_012. During an internal quality control process this was found to be an error. North Fork Smith River, MT41J002\_010 had no change in location from the 2008 Cycle MT41J002\_012. During the public comment period the assessment unit ID for North Fork Smith River, MT41J002\_010, was changed back to North Fork Smith River, MT41J002\_012, and the MT41J002\_010 ID was removed from the database. No changes were made to the MT41J002\_012 assessment unit data.

The 2010 Draft Integrated Report stated in **Table 5-1** that the Mizpah Creek assessment unit MT41J005\_012 was split from Mizpah Creek, MT42J005\_010. During an internal quality control process, Mizpah Creek, MT42J005\_012 was found to be missing an Agriculture use support designation of "Not Supporting" caused by "Salinity" included in the original assessment unit, MT42J005\_010. During the public comment period the Agriculture use support designation of Mizpah Creek, MT42J005\_012 was changed to match the use support designation of the 2008 Mizpah Creek, MT42J005\_010.

The 2010 Draft Integrated Report stated in **Table 5-1** that a new Lake Sutherlin, MT41J002\_013 was split from Smith River North Fork, MT41J002\_012. During an internal quality control process this was found to be an error. Lake Sutherlin, MT41J002\_013 should not have been split from an existing assessment unit; it should have been created as a new assessment unit with a status of "not assessed." During the public comment period all assessment information and metadata were deleted from MT41J002\_013.

During the public comment period an internal quality control process identified that the start point of the Belt Creek assessment unit, MT41U001\_011, needed to be extended ten miles to the headwaters of Belt Creek for TMDL development that was in progress.

The 2010 Draft Integrated Report stated in **Table 5-1** that West Fork Bitterroot River, MT76H003\_010 was split into two assessment units, MT76H003\_011 and MT76H003\_013. However, before the draft report was published it was decided the assessment unit should not be split into two because a TMDL was already written for the West Fork Bitterroot River. During the public comment period it was discovered that the split was still presented in **Table 5-1** and was removed. All other data in the Integrated Report represented the original, correct assessment unit for the West Fork Bitterroot River. No changes were made to the MT76H003\_010 assessment unit data.

The 2010 Draft Integrated Report stated in **Table 5-1** that a new assessment unit for Painted Rocks Lake, MT76H003\_012, was split from the West Fork Bitterroot River, MT76H003\_010. However, before the draft report was published it was decided the West Fork Bitterroot River would retain its original AU ID (MT76H003\_010) and the new AU ID for Painted Rocks Lake was changed to MT76H003\_011. This change was applied to the database during the public comment period.

Painted Rocks Lake, MT76H003\_011, is reported in **Table 5-1** of the Final Integrated Report as a new assessment unit and has an assessment status of “Not Assessed.”

During the public comment period a data entry error was identified and corrected. In the 2010 Cycle Big Pipestone Creek, MT41G002\_010 had a Solids (Suspended/Bedload) [CFL 2010] cause added to the 303(d) list while the Total Suspended Solids (TSS) [CFL 1996] cause that was listed for Big Pipestone Creek in the 2008 Cycle was removed from the 303(d) list. This was found to be an error and changed back to reflect the 2008 listing. The Total Suspended Solids (TSS) [CFL 1996] was added back and the Solids (Suspended/Bedload) [CFL 2010] cause was removed. This change is reflected in **Table 5-4** and **Appendices A, B, & F**.

Before the Draft Integrated Report was published, Medicine Lake, MT40R003\_010 had a Lead [CFL 2006] listing changed to Nickel [CFL 2006]. During the public comment period this listing was identified as a data entry error and changed back to the correct Lead listing. This change is reflected in **Table 5-4** and **Appendices A, B, & D**.

Little Whitetail Creek (MT41G002\_141) was presented in the Draft Integrated Report as a new assessment unit. The data elements (i.e., assessment information and metadata) from an adjacent assessment unit, Whitetail Creek (MT41G002\_140), were inadvertently included in this new AU. All assessment information and cause listings have been removed from this AU in the Final Integrated Report and the AU has been set to Category 3, “Not Assessed.”

Whitetail Reservoir (MT41G003\_140) was presented in the Draft Integrated Report as a new assessment unit and the data elements (i.e., assessment information and metadata) from an adjacent assessment unit, Whitetail Creek (MT41G002\_140), was inadvertently included in this new AU. All assessment information and cause listings have been removed from this AU in the Final Integrated Report and the AU has been set to Category 3, “Not Assessed.”

During the public comment period an error in the area of several lake and reservoir assessment units was identified and corrected. This correction is reflected in **Tables 4-1, 4-9, 4-10, 4-11, 4-12, and 4-13**.

During the public comment period errors were found in the reported total mileage of rivers and streams in several of the tables. These errors were corrected and are reflected in **Tables 2-1, 2-2, 2-3, 4-4, 4-6, 4-7, and 4-8**.

