



State of Utah

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MEMORANDUM

TO: Water Quality Standards Workgroup

FROM: Chris Bittner, Standards Coordinator

DATE: April 5, 2022

SUBJECT: Clarification of site-specific dissolved oxygen criteria for Jordan River, Salt Lake and Davis Counties

The Jordan River has site-specific dissolved oxygen criteria to protect the aquatic life uses. Pre-2018, the specific segments were identified with a table note in R317-2-13.5.a that referred to the criteria in Table 2.14.5. The site-specific dissolved oxygen criteria apply to the following segments of the Jordan River:

- Jordan River, from Farmington Bay to North Temple Street, Salt Lake City;
- Jordan River, from North Temple Street in Salt Lake City to confluence with Little Cottonwood Creek;

In a 2018 rule change adopted by the Water Quality Board, additional asterisks were added to R317-2-13 to identify all segments with site-specific criteria. As part of these changes, the table note specifically identifying the dissolved oxygen criteria in Table 2.14.5 was deleted and replaced with a generic note that “site-specific criteria are associated with this use” (see highlighted text in excerpt from [March 1, 2018 Utah Bulletin](#) below).

To clearly identify the specific segments of the Jordan River where the site-specific dissolved oxygen criteria apply, the underlined description will be added to Table 2.14.5 as shown in the following. The reference to Section 2.13 is not needed and will be deleted.

TABLE 2.14.5
SITE SPECIFIC CRITERIA FOR DISSOLVED OXYGEN
FOR JORDAN RIVER FROM FARMINGTON BAY TO CONFLUENCE WITH LITTLE
COTTONWOOD CREEK, SURPLUS CANAL, AND STATE CANAL
[(SEE SECTION 2.13)]

DISSOLVED OXYGEN:
May-July

7-day average	5.5 mg/l
30-day average	5.5 mg/l
Instantaneous minimum	4.5 mg/l

August-April

30-day average	5.5 mg/l
Instantaneous minimum	4.0 mg/l

Bear River and tributaries, from Utah-Idaho state line to headwaters (Summit County) 2B 3A 4

Mill Creek and tributaries, from state line to headwaters (Summit County) 2B 3A 4

(*) Site-specific criteria are associated with this use.

13.4 Weber River Basin
a. Weber River Drainage

TABLE

Willard Creek, from Willard Bay Reservoir to headwaters 2B 3A 4

[Weber River, from Great Salt Lake to Slaterville diversion, except as listed below] 2B 3C 3D 4

]Weber River, from Great Salt Lake to Slaterville diversion, except as listed below 2B 3C 3D 4

Four Mile Creek from Interstate[-] 15 [F]to headwaters 2B 3A 4

Weber River and tributaries, from Slaterville diversion to Stoddard diversion, except as listed below 2B 3A 4

Ogden River and tributaries, [F]from confluence with Weber River [F]to Pineview Dam, except as listed [B]below[-] 2A 3A 4

[Wheeler Creek from Confluence with Ogden River to headwaters 1C 2B 3A 4

]Wheeler Creek from confluence with Ogden River to headwaters 1C 2B 3A 4

[All tributaries to Pineview Reservoir 1C 2B 3A 4

]All tributaries to Pineview Reservoir 1C 2B 3A 4

Strongs Canyon Creek and [F]tributaries, from U.S. National Forest boundary to headwaters 1C 2B 3A 4

Burch Creek and tributaries, from Harrison Boulevard in Ogden to headwaters 1C 2B 3A

Spring Creek and tributaries, [F]from U.S. National Forest [B]boundary to headwaters 1C 2B 3A 4

[Weber River and tributaries, from Stoddard diversion to headwaters 1C 2B 3A 4

]Weber River and tributaries, from Stoddard diversion to headwaters 1C 2B 3A 4

13.5 Utah Lake-Jordan River Basin
a. Jordan River Drainage

TABLE

[Jordan River, from Farmington Bay to North Temple Street,

Salt Lake City 2B 3B * 3D 4

]Jordan River, from Farmington Bay to

North Temple Street, Salt Lake City 2B 3B* 3D 4

[State Canal, from Farmington Bay to confluence with the Jordan River 2B 3B * 3D 4

]State Canal, from Farmington Bay to confluence with the Jordan River 2B 3B* 3D 4

[Jordan River, from North Temple Street in Salt Lake City to confluence with Little Cottonwood Creek 2B 3B * 4

]Jordan River, from North Temple Street

in Salt Lake City to confluence with Little Cottonwood Creek 2B 3B* 4

[Surplus Canal from Great Salt Lake to the diversion from the Jordan River 2B 3B * 3D 4

]Surplus Canal from Great Salt Lake to the diversion from the Jordan River 2B 3B* 3D 4

[Jordan River from confluence with Little Cottonwood Creek to Narrows Diversion 2B 3A 4

]Jordan River from confluence with Little Cottonwood Creek to Narrows Diversion 2B 3A 4

[Jordan River, from Narrows Diversion to Utah Lake 1C 2B 3B 4

]Jordan River, from Narrows Diversion to Utah Lake 1C 2B 3B 4

[City Creek, from Memory Park in Salt Lake City to City Creek Water Treatment Plant 2B 3A

]City Creek, from Memory Park in Salt Lake City to City Creek Water Treatment Plant 2B 3A

City Creek, from City Creek Water Treatment Plant to headwaters 1C 2B 3A

[Red Butte Creek and tributaries from Liberty Park pond inlet to Red Butte Reservoir 2B 3A 4

]Red Butte Creek and tributaries, from Liberty Park pond inlet to Red Butte Reservoir 2B 3A 4

[Red Butte Creek and tributaries, from Red Butte Reservoir to headwaters 1C 2B 3A

]Red Butte Creek and tributaries, from Red Butte Reservoir to headwaters 1C 2B 3A

[Emigration Creek and tributaries, from 1100 East in Salt Lake City to headwaters 2B 3A 4

]Emigration Creek and tributaries, from 1100 East in Salt Lake City to headwaters 2B 3A 4

[Parley's Creek and tributaries, from 1300 East in Salt Lake City to Mountain Dell Reservoir 1C 2B 3A

]Parley's Creek and tributaries, from 1300 East in Salt Lake City to Mountain Dell Reservoir 1C 2B 3A

[Parley's Creek and tributaries, from Mountain Dell Reservoir to

Parley's Creek and tributaries, from Mountain Dell Reservoir to

headwaters	1C	2B	3A	
]Parleys Creek and tributaries, from Mountain Dell Reservoir to headwaters	1C	2B	3A	
[Mill Creek (Salt Lake County) from confluence with Jordan River to Interstate Highway 15		2B	3C	4
]Mill Creek (Salt Lake County) from confluence with Jordan River to Interstate 15		2B	3C	4
[Mill Creek (Salt Lake County) and tributaries from Interstate Highway 15 to headwaters		2B	3A	4
]Mill Creek (Salt Lake County) and tributaries, from Interstate 15 to headwaters		2B	3A	4
[Big Cottonwood Creek and tributaries, from confluence with Jordan River to Big Cottonwood Water Treatment Plant		2B	3A	4
]Big Cottonwood Creek and tributaries, from confluence with Jordan River to Big Cottonwood Water Treatment Plant		2B	3A	4
[Big Cottonwood Creek and tributaries, from Big Cottonwood Water Treatment Plant to headwaters	1C	2B	3A	
]Big Cottonwood Creek and tributaries from Big Cottonwood Water Treatment Plant to headwaters	1C	2B	3A	
Deaf Smith Canyon Creek and tributaries	1C	2B	3A	4
[Little Cottonwood Creek and tributaries, from confluence with Jordan River to Metropolitan Water Treatment Plant		2B	3A	4
]Little Cottonwood Creek and tributaries, from confluence with Jordan River to Metropolitan Water Treatment Plant		2B	3A	4
Little Cottonwood Creek and tributaries, from Metropolitan Water Treatment Plant to headwaters	1C	2B	3A	
Bells Canyon Creek and tributaries, from [H]Lower Bell[=]s Canyon [F]Reservoir to headwaters	1C	2B	3A	
[Little Willow Creek and tributaries, from Draper Irrigation Company diversion to headwaters	1C	2B	3A	
]Little Willow Creek and tributaries, from Draper Irrigation Company diversion to headwaters	1C	2B	3A	
Big Willow Creek and tributaries, from Draper Irrigation Company diversion to headwaters	1C	2B	3A	
South Fork of Dry Creek and tributaries, from Draper [Irrigation Company diversion to headwaters	1C	2B	3A	
[All permanent streams on east slope of Oquirrh Mountains (Coon,				

Barney's, Bingham, Butterfield, and Rose Creeks)	2B	3D	4
]All permanent streams on east slope of Oquirrh Mountains (Coon, Barney's, Bingham, Butterfield, and Rose Creeks)	2B	3D	4
Kersey Creek from confluence of C-7 Ditch to headwaters	2B	3D	

[* Site-specific criteria for dissolved oxygen. See Table 2.14.5.](*) Site-specific criteria are associated with this use.

b. Provo River Drainage

TABLE

[Provo River and tributaries, from Utah Lake to Murdock diversion	2B	3A	4	
]Provo River and tributaries, from Utah Lake to Murdock Diversion	2B	3A	4	
[Provo River and tributaries, from Murdock Diversion to headwaters, except as listed below	1C	2B	3A	4
]Provo River and tributaries, from Murdock Diversion to headwaters, except as listed below:	1C	2B	3A	4
Upper Falls drainage above Provo City diversion	1C	2B	3A	
Bridal Veil Falls drainage above Provo City diversion	1C	2B	3A	
Lost Creek and tributaries above Provo City diversion	1C	2B	3A	

c. Utah Lake Drainage

TABLE

[Dry Creek and tributaries (above Alpine), from U.S. National Forest boundary to headwaters	2B	3A	4
]Dry Creek and tributaries (above Alpine), from U.S. National Forest boundary to headwaters	2B	3A	4
[American Fork Creek and tributaries, from diversion at mouth of American Fork Canyon to headwaters	2B	3A	4
]American Fork Creek and tributaries, from diversion at mouth of American Fork Canyon to headwaters	2B	3A	4
[Spring Creek and tributaries, from Utah Lake near Lehi to headwaters	2B	3A	4
]Spring Creek and tributaries, from Utah Lake near Lehi to headwaters	2B	3A	4
[Lindon Hollow Creek and tributaries, from Utah Lake to headwaters	2B	3B	4
]Lindon Hollow Creek and tributaries, from Utah Lake to headwaters	2B	3B	4
Grove Creek from Murdock Diversion to headwaters	1C	2B	3A
Battle Creek from Murdock Diversion to Headwaters	1C	2B	3A