

Appendix B – Examples of Water Body-by-Water Body Classification

These examples draw on information contained in Table 1 (page 8) that explains the categories of the Integrated Report, and Table 2 (page 13) that translates from Integrated Report category to tier of antidegradation protection.

Water body classification

1. If water is listed in Category 1 or 2 of Integrated Report, then it receives Tier 2 protection for all uses.

Examples of assessment units in this category include:

ID17060306CL008_03 Lapwai Creek, ID17050123SW016_04 North Fork Payette River, ID17060108CL016_04 Palouse River, ID17060306CL039_02 Canal Creek, ID17050122SW003_06 Payette River, ID17040204SK001_05 South Fork Teton River, ID17060201SL028_03 Thompson Creek, and ID17060201SL031_05 Salmon River

2. If water is listed in Category 3 of Integrated Report, then case-by-case evaluation is necessary.

Examples of assessment units in this category include:

ID17060306CL022_06 Clearwater River, ID17050122SW011_02 Payette River, ID17040221SK000_02 Little Wood River, ID17040221SK001_05a Little Wood River and ID17060108CL007b_02 Fourmile Creek.

3. If water is listed in Category 4 or 5 of Integrated Report

- a. Then for recreation uses, are applicable criteria met?

- i. no, water is Tier 1 for recreation.

An example of this would be ID17040204SK050_02 Woods Creek – source to mouth. This AU is listed as not supporting contact recreation uses due to E. Coli violations. The aquatic life uses are un-assessed.

- ii. yes, water is Tier 2 for recreation.

An example of this would be ID16010202BR005_02b Worm Creek. This AU fully supports its contact recreation use and is listed in category 4a of the Integrated Report for not supporting cold water aquatic life uses.

- iii. Un-assessed, water is Tier 1 for recreation.

An example of this would be ID17010302PN001_04 South Fork Coeur d'Alene River. This AU is un-assessed for recreation and is therefore Tier 1 for recreation.

- b. Then for aquatic life uses, is water listed for dissolved oxygen, pH, nutrients, sediment or temperature?

- i. no, water is Tier 1 for aquatic life

An example of this would be ID17010302PN001_04 South Fork Coeur d'Alene River. This AU is un-assessed for recreation and therefore receives Tier 1 protection for recreation uses. It is in categories 4a and 5 of the Integrated Report for not supporting the cold water aquatic life beneficial use. The causes for listing include cadmium, lead, zinc and sediment. Because this AU is listed for pollutants other than the five outlined in the rule, it is provided only Tier 1 protection.

Another example of this would be ID17040219SK007_05 Big Wood River. This AU is un-assessed for recreation therefore receives Tier 1 protection for recreation uses. It is also listed as not supporting aquatic life. The listing cause is other flow regime. This AU is in category 4c of the Integrated Report, non-support caused by a non-pollutant.

A third example of this would be ID17060306CL001_07 Clearwater River. This AU is un-assessed for recreation and therefore receives Tier 1 protection for recreation uses. This AU is listed in category 5 as not supporting its aquatic life uses due to dissolved gas saturation.

- ii. yes, then does biological assessment show use is supported?

- 1) no, water body receives Tier 1 protection for aquatic life

An example of this would be ID16010201BR023_02a Soda Creek. This AU is un-assessed for recreation and therefore receives Tier 1 protection for recreation. It is listed in category 4a as not supporting its aquatic life use due to nutrients (total phosphorus) and sediment. When evaluating the available biological data there are 2 sites located on the stream. One of those two sites scored a 0 in the overall index rating. This rating score indicates there is not a healthy balance biological community present. This AU would receive only Tier 1 protection.

- 2) yes, water body receives Tier 2 protection for aquatic life

An example of this would be ID17010214PN053_02 Little Sand Creek. This AU fully supports contact recreation and therefore would be Tier 2 for recreation. It is listed in category 4A as not supporting its aquatic life use due to sediment. When evaluating the available biological data there is one site located on the steam. This site scored a 2 in the overall index rating. This rating score indicates a healthy balanced biological community is present. This AU would receive Tier 2 protection as well as Tier 1 protection.

- 3) if no bioassessment data available, then case-by-case evaluation.

An example of this would be ID17060201SL021_04 Squaw Creek. This AU is un-assessed for recreation and therefore receives Tier 1 protection for recreation uses. It is listed in category 5 as not supporting its aquatic life use due to temperature. There is no current biological data available to evaluate the health of the biological community, therefore it would be evaluated on a case by case basis when a permit for a discharge to that stream came to the agency.

- iii. A few water bodies listed as not fully supporting assessed uses, therefore found in category 4 or 5 of the Integrated Report, are listed only due to a recreation criterion exceedance. In some of these water bodies the aquatic life use may be assessed and found to be fully supporting or the aquatic life use is un-assessed. However, because the AU is listed in category 4 or 5 as not supporting at least one assessed use, this water body may receive only Tier 1 protection for aquatic life. Due to the wording of the rule in 052.05.c.i that assigns Tier 1 unless the water is listed for a subset of causes, this occurs when an AU in this example fully supports its aquatic life uses but is not listed for the five causes which then allows good biological data add Tier 2 protection.

One example of this would be ID17060204SL001_06 Lemhi River. This AU is listed as not supporting recreation uses due to exceedances of the E. Coli criteria. However, the aquatic life use was assessed and determined to be fully supporting. This AU receives only Tier 1 protection for both contact recreation and aquatic life uses.

One example of this would be ID17040204SK050_02 Woods Creek – source to mouth. This AU is listed as not supporting contact recreation uses due to E. Coli violations. The aquatic life uses are un-assessed. This AU receives only Tier 1 protections for contact recreation and aquatic life uses.

Appendix D – Antidegradation Tier for Waters with NPDES-Permitted Discharge

The table in this appendix is created using information from the 2008 Integrated Report, only BURP monitoring data from 2001 to 2005 (years identified as appropriate in WBAG), GIS coverages of Idaho's 305(b) streams, 1:24K NHD streams, NPDES dischargers and permit information gleaned from Region 10 EPA's website (<http://yosemite.epa.gov/r10/water.nsf/NPDES+Permits/Current+ID1319#permits>) and EPA's *envirofacts* website. The antidegradation Tier for the appropriate assessment unit was determined according to the proposed rule section 052.05.c. The biological and aquatic habitat index score is listed to provide a reference for Tier 1 vs. Tier 2 for aquatic life tiers. The antidegradation tiers identified in this table are **preliminary only** and are subject to change as more information is identified and gathered from sources other than the BURP database used in creating this table as per WBAG assessment processes.

All permits were screened to determine the receiving water identified in the permit. This was then checked against the shapefile provided containing locations of the various dischargers. If the GIS stream that the point fell upon or was closest to matched the receiving water in the permit, that was the assessment unit used to determine the antidegradation tier. If the GIS stream that the point was closest to did not match the receiving water on the permit, a visual inspection of the NAIP 2009 aerial photography and the USGS 1:24K quadrangle map was done to determine if the discharge was to the GIS stream identified or to the receiving water listed on the permit. If a visual inspection could not identify the discharge source a comment was logged saying that the discharge could not be verified. In these cases a more in depth evaluation of the true discharge location would be necessary before determining the antidegradation tier. For the purposes of this preliminary table only, this further evaluation was not completed due to time and resource constraints. Comments are made where appropriate to identify problems either with the shapefile or the coordinates provided on the permits.

For those AUs appearing in either category 4 or 5 of the Integrated Report, the comments field lists those pollutants for which the water body is listed. A policy call was made that determined all receiving waters identified as canals or drains would be classified as Tier 1 waters. This is in keeping with IDAPA 58.01.02. 101.02 Man-Made Waterways.

There were 100 discharges to Aquatic Life Tier 1 water bodies, 16 to Aquatic Life Tier 2 water bodies, 1 discharge to a water with aquatic life uses removed and 73 to waters that require more information before assigning an antidegradation Tier. There were 118 discharges to Contact Recreation Tier 1 water bodies, 38 to Contact Recreation Tier 2 water bodies and 34 to waters that require more information before assigning an antidegradation Tier for Contact Recreation. There are 15 water bodies where the contact recreation and aquatic life tiers are different. These are highlighted by bold face type in the table.

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NPDESID	Status	Permit Stream	Cat	Assessment Unit	Contact Recreation Tier	Aquatic Life Tier	Average Index Score	Comments
ID0000019 Potlach Corp. St. Maries Complex	EXP	Saint Joe River	3	ID17010304PN005_06	Case by Case			
ID0000027 Silver Valley	ADC	Lake Creek	4/5	ID17010302PN009b_02	Tier 1	Tier 1		Cause unknown
ID0000060 Sunshine Mine	ADC	South Fork Coeur d'Alene River	4/5	ID17010302PN001_03	Tier 1	Tier 1	1.00	Cadmium, Lead, Zinc, Sediment
ID0000159 Sunshine Precious Metals, Inc.	ADC	South Fork Coeur d'Alene River	4/5	ID17010302PN001_03	Tier 1	Tier 1	1.00	Cadmium, Lead, Zinc, Sediment
ID0000167 Hecla Mining Co. Star Phoenix Unit	ADC	South Fork Coeur d'Alene River	4/5	ID17010302PN011_03	Tier 1	Tier 1		Cause Unknown (metals suspected)
ID0000175 Hecla Mining Co. Lucky Friday Mine Unit	ADC	South Fork Coeur d'Alene River	4/5	ID17010302PN011_03	Tier 1	Tier 1		Cause Unknown (metals suspected)
ID0000213 Seneca Foods Corp.	EXP	Payette River	4/5	ID17050122SW001_06	Tier 1	Case by Case		Temperature, E. Coli
ID0000230 Amalgamated Sugar Co. LLC.	ADC	ID-002666-2 Main Drain	4/5	ID17040209SK001_02	Tier 1	Case by Case		Total phosphorus
ID0000388 Twin Falls Facility	EXP	Rock Creek	4/5	ID17040212SK013_05	Tier 1	Tier 1		Mercury, Total phosphorus, Sediment, Flow alteration, Fecal Coliform

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ID0000612 McCain Foods USA, Inc.	EFF	Snake River	4/5	ID17040209SK001_07	Tier 1	Case by Case		Nutrients, Sediment
ID0000663 JR Simplot Co. Heyburn Food Group	EFF	Snake River (Milner Pond)	4/5	ID17040209SK001_07	Tier 1	Case by Case		Nutrients, Sediment
ID0000787 Armour Fresh Meats	ADC	Indian Creek	4/5	ID17050114SW003_04	Tier 1	Tier 1	0.67	Cause unknown, Sediment, Temperature
ID0001058 City of Orofino, WWTP	EFF	Clearwater River	3	ID17060306CL021_06	Case by Case			
ID0001155 City of Weiser, WWTP	EFF	Snake River	4/5	ID17050201SW004_08	Tier 1	Case by Case		Dissolved oxygen, Total phosphorus, Temperature, Sediment
ID0001163 Potlatch Corp. Pulp & Paperboard Mill	EFF	Snake River	4/5	ID17060103SL001_08	Tier 1	Case by Case		Temperature
ID0001198 P4 Productions, LLC.	ADC	Soda Creek	4/5	ID16010201BR023_02a	Tier 1	Tier 1	1.00	Total phosphorus, sediment
ID0020001 City of Salmon, WWTP	EFF	Salmon River	4/5	ID17060203SL041_07	Tier 1	Tier 1		Combined biota
ID0020010 City of Rigby	EFF	Dry Bed Canal	3	ID17040201SK004_06	Case by Case			

NPDESID	Status	Permit Stream	Cat	Assessment Unit	Contact Recreation Tier	Aquatic Life Tier	Average Index Score	Comments
ID0020028 City of Gooding, WWTP	ADC	Little Wood River	3	ID17040221SK001_05b	Case by Case			
ID0020036 City of Grangeville, WWTP	EFF	Threemile Creek	4/5	ID17060305CL010_02	Tier 1	Tier 1		Dissolved oxygen, Sediment, Temperature, Nutrients, Habitat, Other flow regime, E. Coli
ID0020044 City of Blackfoot, WWTP	ADC	Snake River	3	ID17040206SK022_04	Case by Case			
ID0020061 City of Filer, WWTP	EFF	Cedar Draw Creek	4/5	ID17040212SK012_02	Tier 1	Case by Case		Total phosphorus, Sediment, Fecal coliform
ID0020087 City of Council, WWTP	EXP	Weiser River	4/5	ID17050124SW007_05	Tier 2	Case by Case		Total phosphorus, Sediment, Temperature
ID0020095 City of Burley, WWTP	ADC	Snake River	4/5	ID17040209SK001_02	Tier 1	Case by Case		Total phosphorus
ID0020117 City of Smelterville, WWTP	EXP	South Fork Coeur d'Alene River	4/5	ID17010302PN001_04	Tier 1	Tier 1		Cadmium, Lead, Zinc, Sediment
ID0020125 City of Genesee, WWTP	EFF	Cow Creek	4/5	ID17060108CL001_03	Tier 2	Tier 1	0.67	Nutrients, Temperature, Habitat

NPDESID	Status	Permit Stream	Cat	Assessment Unit	Contact Recreation Tier	Aquatic Life Tier	Average Index Score	Comments
ID0020133 City of Shelley, WWTP	ADC	Snake River	3	ID17040206SK022_04	Case by Case			
ID0020141 City of Driggs, WWTP	ADC	Woods Creek	4/5	ID17040204SK050_02	Tier 1	Tier 1		E. Coli
ID0020150 City of Orofino	ADC	Clearwater River	3	ID17060306CL021_06	Case by Case			
ID0020168 City of Jerome, WWTP	ADC	J8 Canal		canal	Tier 1			
ID0020176 City of Aberdeen, WWTP	ADC	Aberdeen Drain to American Falls Reservoir	4/5	ID17040206SK025_02a	Tier 1	Tier 1	1.50	Combined Biota/Habitat
ID0020184 City of Winchester, WWTP	EXP	Lapwai Creek	2	ID17060306CL008_03	Tier 2		2.67	cannot verify location of discharge on map.
ID0020192 City of Meridian, WWTP	ADC	Fivemile Creek	4/5	ID17050114SW010_03	Tier 1	Tier 1	0.67	Habitat, Fish bioassessment, Combined biota, Cause unknown
ID0020206 City of Pierce, WWTP	EXP	Orofino Creek	3	ID17060306CL039_04	Case by Case			

NPDESID	Status	Permit Stream	Cat	Assessment Unit	Contact Recreation Tier	Aquatic Life Tier	Average Index Score	Comments
ID0020214 City of Preston, WWTP	EFF	Worm Creek	4/5	ID16010202BR005_02b	Tier 2	Tier 1	0.50	Total phosphorus, Sediment
ID0020222 City of Bonners Ferry, WWTP	ADC	Kootenai River	4/5	ID17010104PN029_08	Tier 1	Case by Case		Temperature
ID0020231 City of McCall, WWTP	ADC	North Fork Payette River	2	ID17050123SW016_04	Tier 2			
ID0020249 City of Inkom, WWTP	EFF	Portneuf River	4/5	ID17040208SK001_05	Tier 1	Tier 1		Oil & Grease, Sediment, Habitat, Temperature, Nutrients, Dissolved oxygen, Fecal coliform
ID0020265 City of Wilder, WWTP	EFF	Wilder Ditch Drain (N43°40'39" W 116:54:06)		canal	Tier 1			
ID0020281 City of Ketchum, WWTP	ADC	Big Wood River	4/5	ID17040219SK007_05	Tier 1	Tier 1		Other flow regime
ID0020290 City of Weiser, WWTP	ADC	Snake River	4/5	ID17050201SW004_08	Tier 1	Case by Case		Dissolved oxygen, Total phosphorus, Sediment, Temperature
ID0020303 City of Hailey, Woodside WWTP	ADC	Big Wood River	4/5	ID17040219SK007_05	Tier 1	Tier 1		Other flow regime

NPDESID	Status	Permit Stream	Cat	Assessment Unit	Contact Recreation Tier	Aquatic Life Tier	Average Index Score	Comments
ID0020311 City of Emmett, WWTP	ADC	Payette River	4/5	ID17050122SW001_06	Tier 1	Case by Case		Temperature, E. Coli
ID0020338 City of Fruitland, WWTP	ADC	Snake River (N44:2:20.4 W116:55:25)	4/5	ID17050115SW001_08	Tier 2	Tier 1		Sediment, Temperature, Cause unknown, shapefile incorrect.
ID0020354 City of Weippe, WWTP	ADC	Jim Ford Creek	4/5	ID17060306CL035_03	Tier 1	Tier 1	0.67	Nutrients, Flow alteration, Habitat, Sediment, Temperature, Fecal coliform, shapefile incorrect.
ID0020362 City of Elk River, Sewerage Systems	ADC	Elk Creek	2	ID17060308CL030_03	Tier 2			
ID0020389 City of New Plymouth, WWTP	ADC	Payette River	4/5	ID17050122SW001_06	Tier 1	Case by Case		Temperature, E. Coli
ID0020397 City of Nez Perce, WWTP	ADC	Long Hollow Creek	4/5	ID17060306CL020_02	Tier 1	Tier 1		This AU is listed as not supporting Agricultural Water Supply: Cause Unknown. This reflects an error in the listing that is being corrected in future reports.
ID0020401 City of St. Anthony, WWTP	ADC	Henry's Fork	3	ID17040203SK002_06	Case by Case			

NPDESID	Status	Permit Stream	Cat	Assessment Unit	Contact Recreation Tier	Aquatic Life Tier	Average Index Score	Comments
ID0020427 City of Homedale, WWTP	EXP	Snake River	4/5	ID17050103SW001_07	Tier 2	Tier 1		Temperature, Nutrients, Other flow regime
ID0020443 City of Boise, Lander St. WWTP	ADC	Boise River	4/5	ID17050114SW011a_06	Tier 1	Tier 1		Low Flow, Habitat, Sediment, Temperature
ID0020451 City of Bonners Ferry, WWTP	EFF	Kootenai River	4/5	ID17010104PN029_08	Tier 1	Case by Case		Temperature
ID0020532 Bennett Lumber Products, Inc.	EFF	Palouse River	2	ID17060108CL016_04	Tier 2			
ID0020567 Central Shoshone Co. Water Dist.	EXP	Big Creek	3	ID17010302PN007b_03	Case by Case			
ID0020664 City of Buhl, WWTP	EFF	Drainage ditch (N42:36:55 W 114:46:45)		canal	Tier 1			
ID0020672 City of Payette, WWTP	ADC	Payette River	4/5	ID17050122SW001_06	Tier 1	Case by Case		Temperature, E. Coli
ID0020681 US Army Corp. of Eng., Albeni Falls Dam	ADC	Pend Oreille River	4/5	ID17010216PN002_08	Tier 1	Tier 1		Total phosphorus, Temperature, Dissolved Gas Saturation

NPDESID	Status	Permit Stream	Cat	Assessment Unit	Contact Recreation Tier	Aquatic Life Tier	Average Index Score	Comments
ID0020699 USFS Red River Station	ADC	Red River	4/5	ID17060305CL045_03	Tier 1	Case by Case		Temperature
ID0020711 Fenn Ranger Station, Sewerage Systems	EXP	Selway River	3	ID17060302CL001_06	Case by Case			
ID0020737 Slate Cr. Ranger Station, Sewerage Systems	EXP	Salmon River	3	ID17060209SL011_07	Case by Case			
ID0020753 City of American Falls, WWTP	ADC	Snake River	4/5	ID17040209SK011_02	Tier 1	Tier 1		Combined biota
ID0020788 City of Deary, WWTP	ADC	Mount Deary Creek to Big Bear Creek	3	ID17060306CL056_02	Case by Case			shapefile incorrect
ID0020800 City of Priest River, WWTP	ADC	Pend Oreille River	4/5	ID17010214PN002_08	Tier 1	Tier 1		Total phosphorus, Temperature, Dissolved gas saturation
ID0020818 City of Soda Springs, WWTP	ADC	Bear River	4/5	ID16010201BR001_0L	Tier 1	Case by Case		Total phosphorus, Sediment
ID0020842 City of Sandpoint, WWTP	ADC	Pend Oreille River	4/5	ID17010214PN002_08	Tier 1	Tier 1		Total phosphorus, Temperature, Dissolved gas saturation

NPDESID	Status	Permit Stream	Cat	Assessment Unit	Contact Recreation Tier	Aquatic Life Tier	Average Index Score	Comments
ID0020893 City of Pierce, WWTP	EFF	Canal Creek	2	ID17060306CL039_02	Tier 2		2.33	
ID0020931 City of Riggins, WWTP	EXP	Salmon River	3	ID17060209SL019_07	Case by Case			
ID0020940 City of Heyburn, WWTP	ADC	Snake River	4/5	ID17040209SK001_02	Tier 1	Case by Case		Total phosphorus
ID0021016 City of Notus, WWTP	EXP	Conway Gulch	4/5	ID17050114SW001_06	Tier 1	Tier 1		Total phosphorus, Temperature, Sediment, Low flow, Physical substrate habitat alteration, Fecal coliform
ID0021024 City of Horseshoe Bend Tudor Cys Of.	ADC	Payette River	2	ID17050122SW003_06	Tier 2			
ID0021199 City of Fruitland, Payette River WWTP	ADC	Payette River	4/5	ID17050122SW001_06	Tier 1	Case by Case		Temperature, E. Coli
ID0021202 City of Marsing, WWTP	ADC	Snake River	4/5	ID17050103SW006_07b	Tier 2	Case by Case		Total phosphorus, Temperature
ID0021211 City of Richfield, WWTP	EFF	Little Wood River	4/5	ID17040221SK001_05	Tier 2	Case by Case		Total phosphorus, Sediment, Temperature

NPDESID	Status	Permit Stream	Cat	Assessment Unit	Contact Recreation Tier	Aquatic Life Tier	Average Index Score	Comments
ID0021229 Kootenai – Ponderay Sewer Dist., WWTP	ADC	Boyer Slough	4/5	ID17010214PN018_02b	Tier 1	Tier 1	1.00	Benthic Macroinvertebrates
ID0021237 Riverside Independent Water District, Municipal Water Plant	EFF	Clearwater River	3	ID17060306CL021_06	Case by Case			
ID0021261 City of Idaho Falls, WWTP	ADC	Snake River	3	ID17040201SK001_04	Case by Case			
ID0021270 City of Twin Falls, WWTP	ADC	Snake River	4/5	ID17040212SK019_07	Tier 1	Tier 1		Total phosphorus, Sediment, Other flow regime
ID0021288 City of Craigmont, WWTP	EFF	John Dobbs Creek	4/5	ID17060306CL024_02	Tier 1	Tier 1		Oil & Grease, Temperature, Sediment, Dissolved oxygen, Nutrients, Ammonia, Flow alteration, Habitat, Fecal coliform. Shapefile incorrectly located this point. Coordinates not provided on permit, cannot find John Dobbs Creek on USGS 1:24K map or in 1:24K NHD.
ID0021296 South Fork Coeur d'Alene RSD, Mullan WWTP	EXP	South Fork Coeur d'Alene River	4/5	ID17010302PN011_03	Tier 1	Tier 1		Cause unknown (metals suspected)

NPDESID	Status	Permit Stream	Cat	Assessment Unit	Contact Recreation Tier	Aquatic Life Tier	Average Index Score	Comments
ID0021300 South Fork Coeur d'Alene RSD, Page WWTP	EXP	South Fork Coeur d'Alene River	4/5	ID17010302PN001_04	Tier 1	Tier 1		Cadmium, Lead, Zinc, Sediment
ID0021491 City of Moscow, WWTP	ADC	Paradise Creek	4/5	ID17060108CL005_02	Tier 1	Tier 1	0.75	Temperature, Sediment, Nutrients, Ammonia, Habitat, Other Flow regime, E. Coli
ID0021504 City of Caldwell, WWTP	ADC	Boise River	4/5	ID17050114SW005_06	Tier 1	Tier 1		Sediment, Temperature, Low Flow, Habitat, Fecal coliform
ID0021776 City of Parma	ADC	Sand Hollow Creek	4/5	ID17050114SW017_03	Tier 1	Tier 1		Sediment, Fecal coliform, Cause Unknown (nutrients suspected)
ID0021784 City of Pocatello, WWTP	ADC	Portneuf River	4/5	ID17040208SK001_05	Tier 1	Tier 1		Sediment, Temperature, Oil & Grease, Nutrients, Dissolved oxygen, Habitat, Fecal coliform
ID0021806 City of Cambridge, WWTP	EFF	Weiser River	4/5	ID17050124SW007_05	Tier 2	Case by Case		Total phosphorus, Sediment, Temperature
ID0021814 City of Kooskia, WWTP	ADC	South Fork Clearwater R	4/5	ID17060305CL001_05	Tier 2	Case by Case		Sediment, Temperature
ID0021822 City of Lava Hot Springs, WWTP	EFF	Portneuf River	4/5	ID17040208SK016_03	Tier 1	Tier 1		Total nitrogen, Oil & Grease, Total phosphorus, Sediment, Temperature, Low Flow, Fecal coliform

NPDESID	Status	Permit Stream	Cat	Assessment Unit	Contact Recreation Tier	Aquatic Life Tier	Average Index Score	Comments
ID0021831 City of Middleton, WWTP	ADC	Boise River	4/5	ID17050114SW005_06	Tier 1	Tier 1		Sediment, Temperature, Low flow, Fecal coliform
ID0021849 City of Cottonwood, Sewerage Systems	ADC	Cottonwood Creek	4/5	ID17060305CL003_02	Tier 1	Tier 1	1.50	Ammonia, Nutrients, Dissolved oxygen, Sediment, Temperature, Habitat, Fecal coliform
ID0021997 City of Harrison, WWTP	EFF	Coeur d'Alene River	4/5	ID17010303PN007_06	Tier 1	Tier 1		Lead, Zinc, Cadmium, Temperature, Sediment, Habitat
ID0022004 City of Glens Ferry, WWTP	ADC	Snake River	4/5	ID17050101SW005_07	Tier 1	Case by Case		Total phosphorus, Sediment
ID0022012 Elk City Water & Sewer Assoc, WWTP	ADC	Big Elk Creek	4/5	ID17060305CL056_03	Tier 1	Case by Case		Temperature
ID0022047 City of Rockland, WWTP	ADC	Rock Creek	4/5	ID17040209SK008_04	Tier 1	Case by Case		Sediment
ID0022055 City of Lewiston, WWTP	ADC	Clearwater River	4/5	ID17060306CL001_07	Tier 1	Tier 1		Dissolved gas saturation
ID0022063 City of Nampa, WWTP	ADC	Indian Creek	4/5	ID17050114SW002_04	Tier 1	Case by Case		Temperature, Fecal coliform

NPDESID	Status	Permit Stream	Cat	Assessment Unit	Contact Recreation Tier	Aquatic Life Tier	Average Index Score	Comments
ID0022071 Central Shoshone Co. Water District	EXP	McFarren Creek	4/5	ID17010302PN001_02	Tier 2	Tier 1		Sediment, Zinc, Cadmium, Lead
ID0022446 City of Hansen, WWTP	EFF	unnamed canal		canal	Tier 1			Coordinates on permit are incorrect. They land outside of Hailey, not Hansen Idaho
ID0022501 City of Potlatch, WWTP	EFF	Palouse River	3	ID17060108CL010_04	Case by Case			
ID0022713 City of Worley, Sewerage Systems	EXP	Rock Creek	3	ID17010306PN005_02	Case by Case			
ID0022781 City of Plummer, WWTP	EFF	Plummer Creek	3	ID17010304PN002_03	Case by Case			
ID0022799 City of St. Maries, WWTP	EFF	Saint Joe River	3	ID17010304PN005_06	Case by Case			
ID0022845 Santa-Fernwood Sewer District, WWTP	ADC	Saint Maries River	4/5	ID17010304PN012_05	Tier 2	Case by Case		Sediment, Temperature

NPDESID	Status	Permit Stream	Cat	Assessment Unit	Contact Recreation Tier	Aquatic Life Tier	Average Index Score	Comments
ID0022853 City of Coeur d'Alene, WWTP	ADC	Spokane River	4/5	ID17010305PN004_04	Tier 1	Tier 1		Cadmium, Lead, Zinc, Total phosphorus
ID0022861 City of Bovill, WWTP	EFF	Potlatch River	4/5	ID17060306CL048_04	Tier 2	Tier 1		Temperature, Other flow regime, Habitat
ID0023027 City of Mackay, WWTP	ADC	Big Lost River	3	ID17040218SK011_02	Case by Case			
ID0023159 City of New Meadows, WWTP	EXP	Little Salmon River	4/5	ID17060210SL007_04	Tier 1	Case by Case		Temperature
ID0023167 City of Cascade, WWTP	ADC	North Fork Payette River	4/5	ID17050123SW001_06	Tier 1	Tier 1		Sediment, Other Flow regime
ID0023591 Star Water & Sewer District	EXP	Lawrence Kennedy Canal		canal	Tier 1			
ID0023604 City of Troy, WWTP	EXP	West Fork Little Bear Creek	3	ID17060306CL061_03	Case by Case			
ID0023710 City of Ashton, WWTP	EXP	Spring Creek Trib to Henrys Fork	3	ID17040203SK012_02	Case by Case			
ID0023728 City of Shoshone, WWTP	EFF	Little Wood River	3	ID17040221SK001_05a	Case by Case			

NPDESID	Status	Permit Stream	Cat	Assessment Unit	Contact Recreation Tier	Aquatic Life Tier	Average Index Score	Comments
ID0023761 City of Juliaetta, WWTP	ADC	Potlatch River	4/5	ID17060306CL044_06	Tier 1	Tier 1	2.33	Sediment, Temperature, Physical habitat alteration, Other flow regime alterations.
ID0023817 City of Rexburg, WWTP	ADC	South Fork Teton River	2	ID17040204SK001_05	Tier 2			
ID0023825 City of Grace, Sewerage Systems	ADC	Grace Dam Impoundment	4/5	ID16010202BR009_06	Tier 1	Tier 1		Sediment, Total phosphorus, Other flow regime
ID0023914 Joint School District #71	ADC	Grasshopper Creek	4/5	ID17060306CL036_02	Tier 1	Tier 1		Nutrients, Temperature, Other flow regime, Habitat, Fecal coliform
ID0023981 City of Boise, West Boise WWTP	ADC	Boise River	4/5	ID17050114SW005_06	Tier 1	Tier 1		Temperature, Sediment, Low flow, Habitat, Fecal coliform
ID0024350 Sand Creek, Sewerage Systems	EFF	Little Sand Creek	4/5	ID17010214PN053_02	Tier 2	Tier 2	2.00	Sediment. believe shapefile is incorrect
ID0024384 City of Fairfield, WWTP	ADC	Trib to Soldier Creek	4/5	ID17040220SK011_02	Tier 2	Tier 1		Sediment, Temperature, Other flow regime, shapefile incorrect.
ID0024422 The Meadows LLC Mobile Home Park	EXP	Big Wood River	4/5	ID17040219SK007_05	Tier 1	Tier 1		Other Flow regime

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ID0024490 City of Culdesac	ADC	Lapwai Creek	2	ID17060306CL008_03	Tier 2		2.67	Dissolved gas saturation
ID0024503 Riverside Sewer Dist., WWTP	ADC	Clearwater River	4/5	ID17060306CL013_07	Tier 1	Tier 1		
ID0024554 City of Kendrick, WWTP	EFF	Potlach River	3	ID17060306CL044_02	Case by Case			
ID0024627 Cootenai, Co. Water Dist. #1 WWTP	EXP	Lake Coeur d'Alene	4/5	ID17010303PN001L_0L	Tier 1	Tier 1		Cadmium, Lead, Zinc
ID0024953 Darigold, Westfarm Foods	ADC	Boise River	4/5	ID17050114SW005_06	Tier 1	Tier 1		Temperature, Sediment, Low flow, Habitat, Fecal coliform
ID0024988 City of Firth, Sewerage Systems	EXP	Snake River	3	ID17040206SK022_04	Case by Case			
ID0025071 Clarkia Water & Sewer District	ADC	West Fork Saint Maries River	4/5	ID17010304PN017_04	Tier 1	Case by Case		Temperature, Sediment
ID0025101 City of Tensed, WWTP	ADC	Hangman Creek	3	ID17010306PN001_03a	Case by Case			

Idaho Antidegradation Implementation Procedure

Appendix D

NPDESID	Status	Permit Stream	Cat	Assessment Unit	Contact Recreation Tier	Aquatic Life Tier	Average Index Score	Comments
ID0025143 City of Georgetown, WWTP	PND	Unnamed spring fed creek	4/5	ID16010201BR022_03a	Tier 1	Tier 1		Total phosphorus, Sediment, Habitat
ID0025194 Rings Hotel – Therapeutic Pool	PND	Portneuf River	4/5	ID17040208SK016_03	Tier 1	Tier 1		Temperature, Total phosphorus, Sediment, Oil & Grease, Total nitrogen, Low flow, Fecal coliform
ID0025224 Ahsahka Water & Sewer Dist.	ADC	Clearwater River	3	ID17060306CL021_06	Case by Case			
ID0025259 Noranda Mining Inc, Blackbird Project	ADC	Blackbird Creek	2	ID17060203SL012b_02	Tier 2	NONE	1.00	This AU is assessed for secondary contact recreation and fully supports secondary contact recreation. This AU has an aquatic life designation of NONE and is not assessed for aquatic life.
ID0025267 Paul Housing Authority, Sewerage Systems	ADC	Lateral 185		canal	Tier 1			
ID0025305 Country Homes Mobile Park, WWTP	PND		3	ID17060108CL002_02	Case by Case			
ID0025402 Thompson Creek Mining, Comp.	ADC	Squaw Creek	4/5	ID17060201SL021_04	Tier 1	Case by Case		Temperature

NPDESID	Status	Permit Stream	Cat	Assessment Unit	Contact Recreation Tier	Aquatic Life Tier	Average Index Score	Comments
ID0025402 Thompson Creek Mining, Comp.	ADC	Thompson Creek	2	ID17060201SL028_03	Tier 2		3.00	
ID0025402 Thompson Creek Mining Comp.	ADC	Thompson Creek	2	ID17060201SL028_03	Tier 2		3.00	
ID0025402 Thompson Creek Mining, Comp.	ADC	Salmon River	2	ID17060201SL031_05	Tier 2			
ID0025429 Silver Valley Inc., Caladay Mine	ADC	Lake Creek	4/5	ID17010302PN009b_02	Tier 1	Tier 1		Cause Unknown (metals suspected)
ID0025429 Silver Valley Inc., Caladay Mine	ADC	South Fork Coeur d'Alene River	4/5	ID17010302PN001_03	Tier 1	Tier 1	1.00	Cadmium, Lead, Zinc, Sediment
ID0025453 Caldwell Housing Authority Farmway Village	ADC	Farmers Cooperative Sebree Canal		canal	Tier 1			
ID0025488 City of Boise	EXP	Boise River	4/5	ID17050114SW011a_06	Tier 1	Tier 1		Temperature, Sediment, Habitat, Low flow
ID0025569 City of Franklin, WWTP	EFF	Cub River	4/5	ID16010202BR002_04	Tier 2	Tier 1	1.00	Total phosphorus, Sediment, Other flow regime, Low flow

NPDESID	Status	Permit Stream	Cat	Assessment Unit	Contact Recreation Tier	Aquatic Life Tier	Average Index Score	Comments
ID0025585 City of Montpelier, WWTP	ADC	Bear River	4/5	ID16010201BR002_05	Tier 2	Tier 1		Total phosphorus, Sediment, Low flow
ID0025607 Twin City Foods Inc.	EXP	Clearwater River	4/5	ID17060306CL001_07	Tier 1	Tier 1		Dissolved gas saturation
ID0025747 Carey Water & Sewer District	ADC	Little Wood River	4/5	ID17040221SK002_05	Tier 2	Tier 1	1.50	Temperature, Total phosphorus, Sediment
ID0025852 City of Post Falls, WWTP	EXP	Spokane River	4/5	ID17010305PN003_04	Tier 1	Tier 1		Cadmium, Lead, Zinc, Total phosphorus
ID0025887 North Idaho Correctional Inst. Sewerage Systems	EFF	Trib to Lawyer Creek	4/5	ID17060306CL024_02	Tier 1	Tier 1		Temperature, Dissolved oxygen, Sediment, Oil & Grease, Nutrients, Ammonia, Other flow regime, Habitat, Fecal coliform
ID0025941 City of Hagerman, WWTP	PND	Snake River		canal	Tier 1			
ID0026077 Rescue Mine	PND		4/5	ID17060207SL007_03a	Tier 2	Tier 1		Habitat. 305(b) stream says this is Warren Creek.
ID0026085 Riverdale Resort	ADC	Bear River	4/5	ID16010202BR005_02b	Tier 2	Tier 1	0.50	Total phosphorus, Sediment
ID0026174 City of Ririe, WWTP	ADC	Dry Bed Canal and Enterprise Canal		canal	Tier 1			

NPDESID	Status	Permit Stream	Cat	Assessment Unit	Contact Recreation Tier	Aquatic Life Tier	Average Index Score	Comments
ID0026310 Viola Water & Sewer District	ADC	Fourmile Creek	3	ID17060108CL007b_02	Case by Case			
ID0026468 Hecla Mining Comp., Grouse Cr. Unit	EFF	Jordan Creek	2	ID17060201SL042_03	Tier 2		2.67	Jordan Creek is a Tier 2, the two unnamed tribs that flow through the mine are unassessed.
ID0026531 City of Lewiston, WWTP	ADC	Clearwater River	4/5	ID17060306CL001_07	Tier 1	Tier 1		Dissolved gas saturation
ID0026590 Hayden Area Regional Sewer Board, WWTP	EXP	Spokane River	4/5	ID17010305PN004_04	Tier 1	Tier 1		Total phosphorus, Zinc, Lead, Cadmium
ID0026654 Fresh Pack Potato Processor	ADC	Main Drain		canal	Tier 1			
ID0026913 City of Roberts, WWTP	ADC	Roberts Slough		canal	Tier 1			
ID0026964 Simplot Meat Products LLC	PND	Indian Creek	4/5	ID17050114SW002_04	Tier 1	Case by Case		Temperature, Fecal coliform
ID0027006 Glanbia Foods, Inc	ADC	Little Wood River	3	ID17040221SK000_02	Case by Case			

NPDESID	Status	Permit Stream	Cat	Assessment Unit	Contact Recreation Tier	Aquatic Life Tier	Average Index Score	Comments
ID0027022 Meridian Gold Comp., Beartrack Mine	NON	Napias Creek	2	ID17060203SL025_02	Tier 2			
ID0027120 Glanbia Foods, Inc	ADC	Little Wood River	3	ID17040221SK001_05a	Case by Case			
ID0027154 University of Idaho, Aquaculture Lab	PND	Paradise Creek	4/5	ID17060108CL005_02	Tier 1	Tier 1	0.75	Ammonia, Nutrients, Sediment, Temperature, Other flow regime, Habitat, E. Coli
ID0027162 Meadow Fold Dairies, Inc.	PND	Portneuf River	4/5	ID17040208SK001_05	Tier 1	Tier 1		Oil & Grease, Temperature, Sediment, Nutrients, Total phosphorus, Total nitrogen, Dissolved oxygen, Low flow, Habitat, Fecal coliform
ID0027171 Idaho Lava Foundation	NON	Portneuf River	4/5	ID17040208SK016_03	Tier 1	Tier 1		Temperature, Total nitrogen, Oil & Grease, Total phosphorus, Sediment, Low flow, Fecal coliform
ID0027383 Franklin United Oil	PND	Indian Creek	4/5	ID17050114SW002_04	Tier 1	Case by Case		Temperature, Fecal coliform
ID0027421 Glanbia Foods, Inc.	PND	Rock Creek	4/5	ID17040212SK013_05	Tier 1	Case by Case		Total phosphorus, Sediment, Mercury, Fecal coliform
ID0027456 Idaho DEQ, Sand Cr. Petroleum Remediation	PND	Sand Creek	4/5	ID17010214PN048_03a	Tier 1	Case by Case		Sediment. cannot verify.

NPDESID	Status	Permit Stream	Cat	Assessment Unit	Contact Recreation Tier	Aquatic Life Tier	Average Index Score	Comments
ID0027511 Walla Walla Shopping Center Assoc.	PND	South Slough		canal	Tier 1			cannot verify
ID0027545 City of Kamiah	ADC	Lawyer Creek	2	ID17060306CL024_04	Tier 2			
ID0027600 Jerome Cheese Comp.	ADC	Lateral 12 (N42:42:35 W 114:31:10)		canal	Tier 1			shapefile incorrect
ID0027642 US Air Force, Mountain Home AFB	ADC	Trib to Canyon Creek (N43:3:19 W115:53:28)		canal	Tier 1			
ID0027693 City of Dover	NON	Pend Oreille River	4/5	ID17010214PN002_08	Tier 1	Tier 1		Dissolved gas saturation, Total phosphorus, Temperature
ID0027707 Clearwater Forest Industries, Inc.	PND	South Fork Clearwater R	4/5	ID17060305CL001_02	Tier 2	Tier 1		Temperature, Sediment, Habitat
ID0027731 Northwest Gas N Go	PND	Sand Creek	4/5	ID17010214PN048_03a	Tier 1	Case by Case		Sediment. cannot verify.
ID0027855 Vopak Usa Inc.	PND	Finch Lateral		canal	Tier 1			cannot verify likely map error
ID0027901 Henggeler Packing Co., Inc.	PND	Drainage ditch upstream/Payette River	3	ID17050122SW001_02	Case by Case			

NPDESID	Status	Permit Stream	Cat	Assessment Unit	Contact Recreation Tier	Aquatic Life Tier	Average Index Score	Comments
ID0027928 Sun Valley Comp.	EFF	Big Wood River	4/5	ID17040219SK007_05	Tier 1	Tier 1		Other flow regime
ID0027944 City of Laclede, WWTP	PND	Pend Oreille River	4/5	ID17010214PN002_08	Tier 1	Tier 1		Dissolved gas saturation, Total phosphorus, Temperature
ID0027952 Roaring Springs Water Park	EFF	Tenmile Creek	4/5	ID17050114SW008_03	Tier 1	Case by Case		Sediment, Fecal Coliform
ID0027979 Elk Valley Subdivision, WWTP	ADC	South Fork Boise River	2	ID17050113SW013_05	Tier 2			
ID0027995 Cabinet Gorge Power Station	ADC	Clark Fork River	4/5	ID17010213PN005_08	Tier 1	Tier 1		Zinc, Cadmium, Temperature, Dissolved gas saturation
ID0028002 City of Kamiah, WWTP	EXP	Clearwater River	3	ID17060306CL022_06	Case by Case			
ID0028029 Jug Mountain Ranch	EFF	Cold Creek (trib 2 Boulder 2 Cascade Reservoir)	4/5	ID17050123SW011_02	Tier 2	Tier 1	0.42	Total phosphorus, Habitat, Combined Biota
ID0028037 Sorrento Lactalis Inc. Swiss Village	EFF	Purdam Drain		canal	Tier 1			
ID0028266 Epicenter Aquaculture	EFF	Warm Springs Hydro-Canal		canal	Tier 1			N 44 23 30 W 114 6 40 Cannot locate facility at these coordinates.

NPDESID	Status	Permit Stream	Cat	Assessment Unit	Contact Recreation Tier	Aquatic Life Tier	Average Index Score	Comments
ID0028291 Kootenai River Nutrient Site	PND	Kootenai River	4/5	ID17010104PN031_08	Tier 1	Case by Case		Temperature
ID0028304 City of Greenleaf, WWTP	EFF	Boise River		canal	Tier 1			Permit says Boise River, but GIS coverage suggests canal.
ID0028312 Wilderness Ranch, WWTP	PND	Mores Creek (N43:54:14 W 115:59:18)	4/5	ID17050112SW009_06	Tier 1	Case by Case		Temperature. shapefile and coordinates from permit suggest discharge is to Clear Creek (Tier 2).
ID0028321 Idaho Cobalt Project	EFF	Big Deer Creek	4/5	ID17060203SL005_03	Tier 2	Tier 1	2.33	Copper
ID0028355 City of Kuna, WWTP	ADC	Indian Creek	4/5	ID17050114SW003_04	Tier 1	Tier 1	0.67	Temperature, Sediment, Cause unknown (suspect nutrients)

WWTP – Wastewater Treatment Plant

ADC – Administratively Continued

PND – Pending

EXP – Expired

EFF – Effective