

HUC EIGHT	HUC EIGHT NAME	AU_ID	AU_NAME	AU IR CATEGO RY	WATER SIZE	SIZE UNIT	WQS REFERENCE	IMPAIRED DESIGNATED USE	CAUSE_NAME	PARAMETER (Cause) IR CATEGORY	STATUS	2020 IR ASSESSMENT RATIONALE
11080002	Cimarron	NM-2306.A_066	American Creek (Cieneguilla Creek to headwaters)	5/5A	5.99	MILES	20.6.4.309	Primary Contact	E. coli	5/5A	303(d) List (no TMDL in place)	Some errors were identified with the 2018 assessment conclusions upon re-examination of the 2015-2016 Canadian River survey data. There were 4/8 E. coli exceedences. The 23 degree C max temperature WQC was not exceeded for more than one day in the thermograph data set. Therefore, the erroneous temperature listing was removed, and E. coli was added as an impairment. A TMDL Alternative is under development for the E. coli and aluminum impairments.
11080002	Cimarron	NM-2306.A_162	North Ponil Creek (Seally Canyon to headwaters)	5/5C	8.52	MILES	20.6.4.309	High Quality Coldwater Aquatic Life	Aluminum, Total Recoverable	5/5A	303(d) List (no TMDL in place)	The total recoverable aluminum impairment was inadvertently left off the 2018 IR. It has been added.
13010005	Conejos	NM-2120.A_904	Beaver Creek (Rio de los Pinos to headwaters)	5/5A	8.13	MILES	20.6.4.123	High Quality Coldwater Aquatic Life	Temperature	5/5A	303(d) List (no TMDL in place)	Sampled as part of the URG 2017-2018 survey. Thermograph data documented temperature impairment. Therefore, temperature was listed.
13010005	Conejos	NM-2120.A_903	Canada Tio Grande (Rio San Antonio to headwaters)	5/5A	10.58	MILES	20.6.4.123	High Quality Coldwater Aquatic Life	Dissolved oxygen	5/5A	303(d) List (no TMDL in place)	Sampled as part of the URG 2017-2018 survey. Exceedences included 2/8 E. coli. Thermograph and sonde data documented temperature and DO impairment. The TN and TP nutrient thresholds were not exceeded. Therefore, E. coli and DO were listed, temperature remains, and nutrients was removed.
13010005	Conejos	NM-2120.A_903	Canada Tio Grande (Rio San Antonio to headwaters)	5/5A	10.58	MILES	20.6.4.123	Primary Contact	E. coli	5/5A	303(d) List (no TMDL in place)	Sampled as part of the URG 2017-2018 survey. Exceedences included 2/8 E. coli. Thermograph and sonde data documented temperature and DO impairment. The TN and TP nutrient thresholds were not exceeded. Therefore, E. coli and DO were listed, temperature remains, and nutrients was removed.
13010005	Conejos	NM-2120.A_900	Rio de los Pinos (New Mexico reaches)	5/5A	20.63	MILES	20.6.4.123	High Quality Coldwater Aquatic Life	Aluminum, Total Recoverable	5/5A	303(d) List (no TMDL in place)	Sampled as part of the URG 2017-2018 survey. Exceedences include 2/5 acute and chronic total recoverable aluminum. Thermograph data document continued temperature impairment. Therefore, temperature remains and aluminum was added.
13010005	Conejos	NM-2120.A_905	Rio Nutritas (Rio San Antonio to headwaters)	5/5A	7.99	MILES	20.6.4.123	Primary Contact	E. coli	5/5A	303(d) List (no TMDL in place)	Sampled as part of the URG 2017-2018 survey. Exceedences included 2/5 E. coli, and thermograph data documented temperature impairment. Therefore, E. coli and temperature were listed.
13010005	Conejos	NM-2120.A_905	Rio Nutritas (Rio San Antonio to headwaters)	5/5A	7.99	MILES	20.6.4.123	High Quality Coldwater Aquatic Life	Temperature	5/5A	303(d) List (no TMDL in place)	Sampled as part of the URG 2017-2018 survey. Exceedences included 2/5 E. coli, and thermograph data documented temperature impairment. Therefore, E. coli and temperature were listed.
13010005	Conejos	NM-2120.A_902	Rio San Antonio (CO border to Montoya Canyon)	5/5A	11.86	MILES	20.6.4.123	High Quality Coldwater Aquatic Life	Aluminum, Total Recoverable	5/5A	303(d) List (no TMDL in place)	Sampled as part of the 2017-2018 URG survey. Long-term datasets confirm the DO and temperature listings. The nutrient enrichment delta DO was not exceeded. There were 3/6 acute and chronic ALU TR aluminum exceedences. Therefore, temperature and DO remain, and aluminum was added.
13010005	Conejos	NM-2120.A_901	Rio San Antonio (Montoya Canyon to headwaters)	5/5A	20.87	MILES	20.6.4.123	High Quality Coldwater Aquatic Life	Aluminum, Total Recoverable	5/5A	303(d) List (no TMDL in place)	Sampled as part of the 2017-2018 URG survey. Thermograph data confirms the temperature listing. Sonde data indicate full document full support for DO, and the nutrient enrichment delta DO was also not exceeded. Exceedences include 2/6 acute and chronic ALU TR aluminum, and 2/9 E. coli. Therefore, temperature and E. coli remain, DO was removed, and aluminum was added.
13020101	Upper Rio Grande	NM-2120.A_701	Cabresto Creek (Red River to headwaters)	5/5A	17.98	MILES	20.6.4.123	High Quality Coldwater Aquatic Life	Dissolved oxygen	5/5A	303(d) List (no TMDL in place)	Sampled as part of the URG 2017-2018 survey. Sonde data documented potential DO impairment. Nutrient impairment was not documented. Therefore, DO was listed.
13020101	Upper Rio Grande	NM-2120.B_20	Cabresto Lake	5/5A	22.46	ACRES	20.6.4.134	High Quality Coldwater Aquatic Life	pH	5/5A	303(d) List (no TMDL in place)	Sampled as part of the URG 2017-2018 survey. Exceedences include 1/5 pH. Therefore, pH listed.
13020101	Upper Rio Grande	NM-2120.A_833	Chuckwagon Creek (Comanche Creek to headwaters)	5/5A	2.7	MILES	20.6.4.123	High Quality Coldwater Aquatic Life	Turbidity	5/5A	303(d) List (no TMDL in place)	Sampled as part of the URG 2017-2018 survey. Sonde data document turbidity. Therefore, turbidity was listed.
13020101	Upper Rio Grande	NM-2120.A_827	Comanche Creek (Costilla Creek to headwaters)	5/5A	13.12	MILES	20.6.4.123	High Quality Coldwater Aquatic Life	Dissolved oxygen	5/5A	303(d) List (no TMDL in place)	Sampled as part of the URG 2017-2018 survey. Thermograph and sonde data documented temperature and DO impairment. Nutrient thresholds were not exceeded. Therefore, temperature remains, and DO was added.
13020101	Upper Rio Grande	NM-2120.A_823	Cordova Creek (Costilla Creek to headwaters)	4A	6.07	MILES	20.6.4.123	High Quality Coldwater Aquatic Life	Turbidity	4A	TMDL Completed	Sampled as part of the URG 2017-2018 survey. Turbidity data documented impairment. A level two sedimentation survey was not performed during the survey. Therefore, turbidity was re-listed and sedimentation remains.
13020101	Upper Rio Grande	NM-2120.A_810	Costilla Creek (CO border to Diversion abv Costilla)	5/5C	3.26	MILES	20.6.4.123	High Quality Coldwater Aquatic Life	Dissolved oxygen	5/5A	303(d) List (no TMDL in place)	Sampled as part of the URG 2017-2018 survey. Limited sampling (n = 2 to 4, depending on the parameter. There were 1/2 acute TR aluminum exceedences. Sonde data documented dissolved oxygen impairment. Therefore, DO was added. Aluminum was added as a parameter of concern.
13020101	Upper Rio Grande	NM-2120.A_830	Costilla Creek (Comanche Creek to Costilla Dam)	5/5C	5.07	MILES	20.6.4.123	High Quality Coldwater Aquatic Life	Benthic Macroinvertebrates	5/5C	303(d) List (no TMDL in place)	Sampled as part of the URG 2017-2018 survey. Benthic macroinvertebrate MSI thresholds were not met. Therefore, benthic macroinvertebrate impairment (IR Cat 5C) was added.
13020101	Upper Rio Grande	NM-2120.A_820	Costilla Creek (Diversion abv Costilla to Comanche Creek)	5/5A	19.59	MILES	20.6.4.123	High Quality Coldwater Aquatic Life	Aluminum, Total Recoverable	5/5A	303(d) List (no TMDL in place)	Sampled as part of the URG 2017-2018 survey. Exceedences included 2/4 chronic ALU total recoverable aluminum. Thermograph data indicated temperature impairment. Therefore, temperature was re-listed and aluminum was added.
13020101	Upper Rio Grande	NM-2120.A_820	Costilla Creek (Diversion abv Costilla to Comanche Creek)	5/5A	19.59	MILES	20.6.4.123	High Quality Coldwater Aquatic Life	Temperature	4A	TMDL Completed	Sampled as part of the URG 2017-2018 survey. Exceedences included 2/4 chronic ALU total recoverable aluminum. Thermograph data indicated temperature impairment. Therefore, temperature was re-listed and aluminum was added.
13020101	Upper Rio Grande	NM-2111_40	Embudo Creek (Canada de Ojo Sarco to Picuris Pueblo bnd)	5/5C	5.16	MILES	20.6.4.114	Marginal Coldwater Aquatic Life	Dissolved oxygen	5/5A	303(d) List (no TMDL in place)	Sampled as part of the URG 2017-2018 survey. Thermograph data indicated temperature impairment. Sonde data documented DO impairment. Nutrient TN and TP thresholds were not exceeded. Therefore, nutrients were removed, and temperature and DO were added.
13020101	Upper Rio Grande	NM-2111_40	Embudo Creek (Canada de Ojo Sarco to Picuris Pueblo bnd)	5/5C	5.16	MILES	20.6.4.114	Marginal Coldwater Aquatic Life	Temperature	5/5A	303(d) List (no TMDL in place)	Sampled as part of the URG 2017-2018 survey. Thermograph data indicated temperature impairment. Sonde data documented DO impairment. Nutrient TN and TP thresholds were not exceeded. Therefore, nutrients were removed, and temperature and DO were added.
13020101	Upper Rio Grande	NM-2120.A_834	Fernandez Creek (Comanche Creek to headwaters)	5/5A	2.85	MILES	20.6.4.123	High Quality Coldwater Aquatic Life	Nutrients	5/5A	303(d) List (no TMDL in place)	Sampled as part of the URG 2017-2018 survey. TP and delta DO thresholds were exceeded. Therefore, nutrients were listed.
13020101	Upper Rio Grande	NM-2120.B_12	Goose Lake	5/5A	3.82	ACRES	20.6.4.133	High Quality Coldwater Aquatic Life	Dissolved oxygen	5/5A	303(d) List (no TMDL in place)	Sampled as part of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 dissolved oxygen. Therefore, pH and DO were listed.
13020101	Upper Rio Grande	NM-2120.B_12	Goose Lake	5/5A	3.82	ACRES	20.6.4.133	High Quality Coldwater Aquatic Life	pH	5/5A	303(d) List (no TMDL in place)	Sampled as part of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 dissolved oxygen. Therefore, pH and DO were listed.

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13020101	Upper Rio Grande	NM-2120.A_836	Grassy Creek (Comanche Creek to headwaters)	5/5A	3.48	MILES	20.6.4.123	Primary Contact	E. coli	5/5A	303(d) List (no TMDL in place)	Sampled as part of the URG 2017-2018 survey. Exceedences included 3/8 E. coli. Thermograph data documented temperature impairment. Applicable turbidity thresholds were not exceeded. Therefore, temperature and E. coli were added, and turbidity was removed.
13020101	Upper Rio Grande	NM-2120.A_836	Grassy Creek (Comanche Creek to headwaters)	5/5A	3.48	MILES	20.6.4.123	High Quality Coldwater Aquatic Life	Temperature	5/5A	303(d) List (no TMDL in place)	Sampled as part of the URG 2017-2018 survey. Exceedences included 3/8 E. coli. Thermograph data documented temperature impairment. Applicable turbidity thresholds were not exceeded. Therefore, temperature and E. coli were added, and turbidity was removed.
13020101	Upper Rio Grande	NM-2120.A_837	Holman Creek (Comanche Creek to headwaters)	5/5C	3.52	MILES	20.6.4.123	High Quality Coldwater Aquatic Life	Turbidity	5/5C	303(d) List (no TMDL in place)	Sampled as part of the URG 2017-2018 survey. There were 2/3 chronic TR AI exceedences (need n>4 to list). Thermograph data documented temperature impairment. Grab data indicated potential turbidity (sonde data needed to verify). Nutrients were not assessed due to lack of delta DO data. Therefore, temperature remains, and turbidity was added (IR Cat 5C).
13020101	Upper Rio Grande	NM-2120.A_839	LaBelle Creek (Comanche Creek to headwaters)	5/5A	2.94	MILES	20.6.4.123	High Quality Coldwater Aquatic Life	Aluminum, Total Recoverable	5/5A	303(d) List (no TMDL in place)	Sampled as part of the URG 2017-2018 survey. Exceedences included 2/9 E. coli and 2/4 TR aluminum for both acute and chronic ALU. Level one and two sedimentation thresholds were exceeded. Thermograph data document continued temperature impairment. Therefore, temperature remains; and E. coli, sedimentation, and aluminum were added.
13020101	Upper Rio Grande	NM-2120.A_839	LaBelle Creek (Comanche Creek to headwaters)	5/5A	2.94	MILES	20.6.4.123	Primary Contact	E. coli	5/5A	303(d) List (no TMDL in place)	Sampled as part of the URG 2017-2018 survey. Exceedences included 2/9 E. coli and 2/4 TR aluminum for both acute and chronic ALU. Level one and two sedimentation thresholds were exceeded. Thermograph data document continued temperature impairment. Therefore, temperature remains; and E. coli, sedimentation, and aluminum were added.
13020101	Upper Rio Grande	NM-2120.A_839	LaBelle Creek (Comanche Creek to headwaters)	5/5A	2.94	MILES	20.6.4.123	High Quality Coldwater Aquatic Life	Sedimentation/Siltation	5/5A	303(d) List (no TMDL in place)	Sampled as part of the URG 2017-2018 survey. Exceedences included 2/9 E. coli and 2/4 TR aluminum for both acute and chronic ALU. Level one and two sedimentation thresholds were exceeded. Thermograph data document continued temperature impairment. Therefore, temperature remains; and E. coli, sedimentation, and aluminum were added.
13020101	Upper Rio Grande	NM-2118.A_32	North Fork Tesuque Creek (Tesuque Creek to headwaters)	5/5A	2.4	MILES	20.6.4.121	High Quality Coldwater Aquatic Life	Aluminum, Total Recoverable	5/5A	303(d) List (no TMDL in place)	Sampled as part of the URG 2017-2018 survey. Exceedences include 2/4 acute and 4/4 chronic ALU TR aluminum. Therefore, aluminum was listed.
13020101	Upper Rio Grande	NM-2120.A_706	Placer Creek (Red River to headwaters)	5/5A	3.41	MILES	20.6.4.123	High Quality Coldwater Aquatic Life	Turbidity	5/5A	303(d) List (no TMDL in place)	Sampled as part of the URG 2017-2018 survey. Turbidity thresholds were exceeded. Therefore, turbidity was listed.
13020101	Upper Rio Grande	NM-2120.A_710	Red River (Placer Creek to East Fork Red River)	5/5C	6.01	MILES	20.6.4.123	High Quality Coldwater Aquatic Life	Benthic Macroinvertebrates	5/5C	303(d) List (no TMDL in place)	This AU was sampled as part of the URG 2017-2018 survey. Assessable submitted data from NMED GWQB/Chevron and Amigos Bravos were included in the assessment data set. Although TN and delta DO nutrient thresholds were exceeded, the minimum LTD DO was greater than the applicable criterion (6.0 mg/L), so nutrient impairment is not documented. The applicable benthic macroinvertebrate index was exceeded. Therefore, nutrients was removed, and benthic macroinvertebrate impairment was added.
13020101	Upper Rio Grande	NM-2119_10	Red River (Rio Grande to Placer Creek)	5/5A	21.16	MILES	20.6.4.122	Coldwater Aquatic Life	Turbidity	5/5A	303(d) List (no TMDL in place)	This AU was sampled as part of the URG 2017-2018 survey. Assessable submitted data from NMED GWQB/Chevron and Amigos Bravos were collated into the assessment dataset. This AU remains listed for chronic total recoverable aluminum because there was more than one exceedence in a three-year period (2015-2017 data) within the assessment data timeframe. Sonde data recorded exceedences of the maximum turbidity duration thresholds. The percent sand and fines exceeded the Level One sedimentation threshold. Level Two data not collected so the sedimentation assessment is incomplete (noted as a parameter of concern with data gap). Therefore, total recoverable aluminum remains (IR Cat 5C), and turbidity was listed. Additional data were submitted by GEI during the public comment period for the draft 2020 Integrated List from Dec 2018, and July 2020 (not yet validated), sampling events. SWQB notes the downward trend in the total recoverable aluminum concentrations at certain water quality stations from 2014 to 2020, and an upstream to downstream increase in concentration in the Red River through the CMI Questa Mine site is also documented. Since water quality appears to be improving based on the most recent available data, the aluminum impairment is noted as IR Category 5C. This assessment unit will be re-assessed for aluminum for the draft 2022 Integrated List.
13020101	Upper Rio Grande	NM-2118.A_40	Rio Chupadero (USFS bnd to headwaters)	5/5A	6.05	MILES	20.6.4.121	High Quality Coldwater Aquatic Life	Sedimentation/Siltation	5/5A	303(d) List (no TMDL in place)	Sampled as part of the URG 2017-2018 survey. Level One and Two sedimentation thresholds were exceeded. Therefore, sedimentation was listed.
13020101	Upper Rio Grande	NM-2118.A_42	Rio en Medio (Aspen Ranch to headwaters)	5/5A	3.09	MILES	20.6.4.121	High Quality Coldwater Aquatic Life	Sedimentation/Siltation	5/5A	303(d) List (no TMDL in place)	Sampled as part of URG 2017-2018 survey. Accessible only by lengthy hike (n<4). There were 1/3 acute TR aluminum exceedences. Level One and Two sedimentation thresholds were exceeded. Therefore, sedimentation was listed. Aluminum was added as a parameter of concern.
13020101	Upper Rio Grande	NM-2120.A_512	Rio Fernando de Taos (R Pueblo d Taos to USFS bnd at canyon)	5/5C	5.21	MILES	20.6.4.123	High Quality Coldwater Aquatic Life	Turbidity	5/5C	303(d) List (no TMDL in place)	Sampled as part of the 2017-2018 URG survey. Assessable data submitted from Amigos Bravos were collated into the assessment dataset. The existing E. coli, SC, and temperature listings were confirmed. Turbidity grab data indicate potential impairment (sonde data needed to confirm). A Level Two sedimentation survey did not exceed the applicable threshold. The median TN and TP values did not exceed the applicable thresholds. Therefore, E. coli, SC, and temperature remain listed; sedimentation and nutrients were removed; and turbidity was added (5C).
13020101	Upper Rio Grande	NM-2120.A_513	Rio Fernando de Taos (UFSF bnd at canyon to Tienditas Creek)	5/5A	11.54	MILES	20.6.4.123	High Quality Coldwater Aquatic Life	Specific Conductance	5/5A	303(d) List (no TMDL in place)	Sampled as part of the 2017-2018 URG survey. Assessable data submitted from Amigos Bravos were collated into the assessment dataset. Exceedences included 0/12 E. coli and 6/7 specific conductance. Thermograph data indicate temperature impairment. Therefore, specific conductance and temperature were added, and E. coli was removed.
13020101	Upper Rio Grande	NM-2120.A_513	Rio Fernando de Taos (UFSF bnd at canyon to Tienditas Creek)	5/5A	11.54	MILES	20.6.4.123	High Quality Coldwater Aquatic Life	Temperature	5/5A	303(d) List (no TMDL in place)	Sampled as part of the 2017-2018 URG survey. Assessable data submitted from Amigos Bravos were collated into the assessment dataset. Exceedences included 0/12 E. coli and 6/7 specific conductance. Thermograph data indicate temperature impairment. Therefore, specific conductance and temperature were added, and E. coli was removed.

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13020101	Upper Rio Grande	NM-2118_A_60	Rio Frijoles (Rio Medio to Pecos Wilderness)	5/5A	15.35	MILES	20.6.4.121	High Quality Coldwater Aquatic Life	Turbidity	5/5A	303(d) List (no TMDL in place)	Sampled as part of the 2017-2018 URG survey. Exceedences included 2/2 E. coli (need n>=4 to list), and 1/4 TR aluminum. Sonde data document turbidity threshold exceedences. Therefore, turbidity was listed. E. coli was added as a parameter of concern.
13020101	Upper Rio Grande	NM-2111_10	Rio Grande (Ohkay Owingeh bnd to Embudo Creek)	5/5C	14.07	MILES	20.6.4.114	Marginal Coldwater Aquatic Life	DDT - Fish Consumption Advisory	5/5C	303(d) List (no TMDL in place)	Sampled as part of the 2017-2018 Upper Rio Grande survey. This dual ALU stream reach remains listed for turbidity due to the absence of an applicable de-listing methodology, exceedences of the three through six day SEV turbidity thresholds, and 4/10 grab turbidity measurements > 50 NTU. There is no longer PCB fish consumption advisory that covers this AU. There are DDT and mercury consumption advisories.
13020101	Upper Rio Grande	NM-2111_10	Rio Grande (Ohkay Owingeh bnd to Embudo Creek)	5/5C	14.07	MILES	20.6.4.114	Warmwater Aquatic Life	DDT - Fish Consumption Advisory	5/5C	303(d) List (no TMDL in place)	Sampled as part of the 2017-2018 Upper Rio Grande survey. This dual ALU stream reach remains listed for turbidity due to the absence of an applicable de-listing methodology, exceedences of the three through six day SEV turbidity thresholds, and 4/10 grab turbidity measurements > 50 NTU. There is no longer PCB fish consumption advisory that covers this AU. There are DDT and mercury consumption advisories.
13020101	Upper Rio Grande	NM-2111_10	Rio Grande (Ohkay Owingeh bnd to Embudo Creek)	5/5C	14.07	MILES	20.6.4.114	Marginal Coldwater Aquatic Life	Mercury - Fish Consumption Advisory	5/5C	303(d) List (no TMDL in place)	Sampled as part of the 2017-2018 Upper Rio Grande survey. This dual ALU stream reach remains listed for turbidity due to the absence of an applicable de-listing methodology, exceedences of the three through six day SEV turbidity thresholds, and 4/10 grab turbidity measurements > 50 NTU. There is no longer PCB fish consumption advisory that covers this AU. There are DDT and mercury consumption advisories.
13020101	Upper Rio Grande	NM-2119_00	Rio Grande (Rio Pueblo de Taos to Red River)	5/5A	23.29	MILES	20.6.4.122	Coldwater Aquatic Life	Temperature	5/5A	303(d) List (no TMDL in place)	Sampled as part of the URG 2017-2018 survey. There were 2/5 pH exceedences. Thermograph data document temperature impairment. Therefore, temperature and pH (SC) were listed.
13020101	Upper Rio Grande	NM-2119_00	Rio Grande (Rio Pueblo de Taos to Red River)	5/5A	23.29	MILES	20.6.4.122	Coldwater Aquatic Life	pH	5/5C	303(d) List (no TMDL in place)	Sampled as part of the URG 2017-2018 survey. There were 2/5 pH exceedences. Thermograph data document temperature impairment. Therefore, temperature and pH (SC) were listed.
13020101	Upper Rio Grande	NM-2111_11	Rio Grande (Santa Clara Pueblo bnd to Ohkay Owingeh bnd)	5/5A	0.69	MILES	20.6.4.114	Marginal Coldwater Aquatic Life	Mercury - Fish Consumption Advisory	5/5C	303(d) List (no TMDL in place)	Sampled as part of the 2017-2018 Upper Rio Grande survey. Thermograph data document temperature impairment. This dual ALU stream reach remains listed for turbidity due to the absence of an applicable de-listing methodology, exceedences of the three through six day SEV turbidity thresholds, and 2/4 grab turbidity measurements > 50 NTU. Therefore, turbidity remains and temperature was added. There is no longer PCB fish consumption advisory that covers this AU. There is a fish consumption advisory for mercury.
13020101	Upper Rio Grande	NM-2111_11	Rio Grande (Santa Clara Pueblo bnd to Ohkay Owingeh bnd)	5/5A	0.69	MILES	20.6.4.114	Marginal Coldwater Aquatic Life	Temperature	5/5A	303(d) List (no TMDL in place)	Sampled as part of the 2017-2018 Upper Rio Grande survey. Thermograph data document temperature impairment. This dual ALU stream reach remains listed for turbidity due to the absence of an applicable de-listing methodology, exceedences of the three through six day SEV turbidity thresholds, and 2/4 grab turbidity measurements > 50 NTU. Therefore, turbidity remains and temperature was added. There is no longer PCB fish consumption advisory that covers this AU. There is a fish consumption advisory for mercury.
13020101	Upper Rio Grande	NM-2120_A_501	Rio Grande del Rancho (R Pueblo de Taos to Rito de la Olla)	5/5A	10.57	MILES	20.6.4.123	High Quality Coldwater Aquatic Life	Dissolved oxygen	5/5A	303(d) List (no TMDL in place)	Sampled as part of the URG 2017-2018 survey. E. coli, temperature, and SC impairment was confirmed. The TN and TP medians did not exceed nutrient thresholds. Sonde data indicate DO impairment. Therefore, nutrients was changed to DO; and the E. coli, temperature, and SC impairments remain.
13020101	Upper Rio Grande	NM-2118_A_53	Rio Medio (Rio Frijoles to headwaters)	5/5A	17.88	MILES	20.6.4.121	High Quality Coldwater Aquatic Life	Aluminum, Total Recoverable	5/5A	303(d) List (no TMDL in place)	Sampled as part of the URG 2017-2018 survey. Thermograph data documented temperature impairment. Sonde data exceeded turbidity thresholds. There were 2/4 chronic ALU TR aluminum and 1/2 chronic dissolved lead exceedences. Therefore, temperature, turbidity, and aluminum were listed. Lead was noted as a parameter of concern.
13020101	Upper Rio Grande	NM-2118_A_53	Rio Medio (Rio Frijoles to headwaters)	5/5A	17.88	MILES	20.6.4.121	High Quality Coldwater Aquatic Life	Temperature	5/5A	303(d) List (no TMDL in place)	Sampled as part of the URG 2017-2018 survey. Thermograph data documented temperature impairment. Sonde data exceeded turbidity thresholds. There were 2/4 chronic ALU TR aluminum and 1/2 chronic dissolved lead exceedences. Therefore, temperature, turbidity, and aluminum were listed. Lead was noted as a parameter of concern.
13020101	Upper Rio Grande	NM-2118_A_53	Rio Medio (Rio Frijoles to headwaters)	5/5A	17.88	MILES	20.6.4.121	High Quality Coldwater Aquatic Life	Turbidity	5/5A	303(d) List (no TMDL in place)	Sampled as part of the URG 2017-2018 survey. Thermograph data documented temperature impairment. Sonde data exceeded turbidity thresholds. There were 2/4 chronic ALU TR aluminum and 1/2 chronic dissolved lead exceedences. Therefore, temperature, turbidity, and aluminum were listed. Lead was noted as a parameter of concern.
13020101	Upper Rio Grande	NM-2118_A_43	Rio Nambé (Nambé Pueblo bnd to headwaters)	5/5A	9.23	MILES	20.6.4.121	High Quality Coldwater Aquatic Life	Temperature	5/5A	303(d) List (no TMDL in place)	Sampled as part of the URG 2017-2018 survey. Thermograph data documented temperature impairment. Therefore, temperature was listed.
13020101	Upper Rio Grande	NM-2120_A_410	Rio Pueblo (Picuris Pueblo bnd to headwaters)	5/5A	20.44	MILES	20.6.4.123	High Quality Coldwater Aquatic Life	Aluminum, Total Recoverable	5/5A	303(d) List (no TMDL in place)	Sampled as part of the URG 2017-2018 survey. Thermograph data documented temperature impairment. There were 2/6 chronic ALU TR aluminum exceedences. TN and TP medians did not exceed nutrient thresholds. Therefore, temperature and aluminum were listed, and nutrients was removed.
13020101	Upper Rio Grande	NM-2120_A_410	Rio Pueblo (Picuris Pueblo bnd to headwaters)	5/5A	20.44	MILES	20.6.4.123	High Quality Coldwater Aquatic Life	Temperature	5/5A	303(d) List (no TMDL in place)	Sampled as part of the URG 2017-2018 survey. Thermograph data documented temperature impairment. There were 2/6 chronic ALU TR aluminum exceedences. TN and TP medians did not exceed nutrient thresholds. Therefore, temperature and aluminum were listed, and nutrients was removed.
13020101	Upper Rio Grande	NM-2119_20	Rio Pueblo de Taos (Rio Grande to Arroyo del Alamo)	5/5A	2.38	MILES	20.6.4.122	Coldwater Aquatic Life	Dissolved oxygen	5/5A	303(d) List (no TMDL in place)	Sampled as part of the 2017-2018 URG survey. Thermograph data confirm the temperature listing. Although sonde data indicate DO impairment, TN and TP medians did not exceed nutrient thresholds. Sonde data exceeded turbidity thresholds. Therefore, temperature remains, nutrients was changed to DO, and turbidity was added.

HUC EIGHT	HUC EIGHT NAME	AU_ID	AU_NAME	AU IR CATEGO RY	WATER SIZE	SIZE UNIT	WQS REFERENCE	IMPAIRED DESIGNATED USE	CAUSE_NAME	PARAMETER (Cause) IR CATEGORY	STATUS	2020 IR ASSESSMENT RATIONALE
13020101	Upper Rio Grande	NM-2119_20	Rio Pueblo de Taos (Rio Grande to Arroyo del Alamo)	5/5A	2.38	MILES	20.6.4.122	Coldwater Aquatic Life	Turbidity	5/5A	303(d) List (no TMDL in place)	Sampled as part of the 2017-2018 URG survey. Thermograph data confirm the temperature listing. Although sonde data indicate DO impairment, TN and TP medians did not exceed nutrient thresholds. Sonde data exceeded turbidity thresholds. Therefore, temperature remains, nutrients was changed to DO, and turbidity was added.
13020101	Upper Rio Grande	NM-2120.A_120	Rio Quemado (Rio Arriba Cnty bnd to headwaters)	5/5A	16.34	MILES	20.6.4.123	High Quality Coldwater Aquatic Life	Aluminum, Total Recoverable	5/5A	303(d) List (no TMDL in place)	Sampled as part of the 2017-2018 URG survey. Exceedences included 6/9 E. coli and 2/6 chronic ALU TR aluminum. A 2019 sedimentation survey does not indicate impairment. Therefore, E. coli and aluminum were listed.
13020101	Upper Rio Grande	NM-2120.A_120	Rio Quemado (Rio Arriba Cnty bnd to headwaters)	5/5A	16.34	MILES	20.6.4.123	Primary Contact	E. coli	5/5A	303(d) List (no TMDL in place)	Sampled as part of the 2017-2018 URG survey. Exceedences included 6/9 E. coli and 2/6 chronic ALU TR aluminum. A 2019 sedimentation survey does not indicate impairment. Therefore, E. coli and aluminum were listed.
13020101	Upper Rio Grande	NM-2118.A_52	Rio Quemado (Santa Cruz River to Rio Arriba Cnty bnd)	5/5A	3.84	MILES	20.6.4.121	High Quality Coldwater Aquatic Life	Aluminum, Total Recoverable	5/5A	303(d) List (no TMDL in place)	Sampled as part of the 2017-2018 URG survey. Exceedences included 6/9 E. coli and 2/6 chronic ALU TR aluminum. Therefore, E. coli remains and aluminum was listed.
13020101	Upper Rio Grande	NM-2120.A_822	Sanchez Canyon (Costilla Creek to headwaters)	5/5A	6.32	MILES	20.6.4.123	High Quality Coldwater Aquatic Life	Turbidity	5/5A	303(d) List (no TMDL in place)	Sampled (limited, n=3) as part of the 2017-2018 URG survey. Sonde data exceeded turbidity thresholds. Therefore, turbidity was listed.
13020101	Upper Rio Grande	NM-2118.B_00	Santa Cruz Lake	5/5A	92.95	ACRES	20.6.4.121	High Quality Coldwater Aquatic Life	Aluminum, Total Recoverable	5/5A	303(d) List (no TMDL in place)	Sampled as part of the 2017-2018 URG survey. Exceedences include 2/4 E. chronic ALU TR aluminum. A temperature grab data point (23.74 degrees F) confirms continued temperature impairment. Excessive levels of total phosphorus, chlorophyll a, % cyanobacteria, and low DO indicate nutrient impairment. Therefore, temperature remains, and aluminum and nutrients were listed.
13020101	Upper Rio Grande	NM-2118.B_00	Santa Cruz Lake	5/5A	92.95	ACRES	20.6.4.121	High Quality Coldwater Aquatic Life	Nutrients	5/5A	303(d) List (no TMDL in place)	Sampled as part of the 2017-2018 URG survey. Exceedences include 2/4 E. chronic ALU TR aluminum. A temperature grab data point (23.74 degrees F) confirms continued temperature impairment. Excessive levels of total phosphorus, chlorophyll a, % cyanobacteria, and low DO indicate nutrient impairment. Therefore, temperature remains, and aluminum and nutrients were listed.
13020101	Upper Rio Grande	NM-2111_50	Santa Cruz River (Santa Clara Pueblo bnd to Santa Cruz Dam)	5/5A	8.37	MILES	20.6.4.114	Marginal Coldwater Aquatic Life	Aluminum, Total Recoverable	5/5A	303(d) List (no TMDL in place)	Sampled as part of the 2017-2018 URG survey. Exceedences include 2/6 chronic ALU TR aluminum and 0/13 E. coli. Thermograph data document continued temperature impairment. A 2019 sedimentation survey does not indicate impairment. Therefore, temperature remains, E. coli was removed, and aluminum was listed.
13020101	Upper Rio Grande	NM-2118.A_51	Santa Cruz River (Santa Cruz Reservoir to Rio en Medio)	5/5A	1.01	MILES	20.6.4.121	High Quality Coldwater Aquatic Life	Aluminum, Total Recoverable	5/5A	303(d) List (no TMDL in place)	Sampled as part of the 2017-2018 URG survey. Exceedences include 2/4 chronic ALU TR aluminum and 1/2 chronic dissolved lead. Thermograph data document temperature impairment. Therefore, temperature and aluminum were listed. Lead is noted as a parameter of concern.
13020101	Upper Rio Grande	NM-2118.A_51	Santa Cruz River (Santa Cruz Reservoir to Rio en Medio)	5/5A	1.01	MILES	20.6.4.121	High Quality Coldwater Aquatic Life	Temperature	5/5A	303(d) List (no TMDL in place)	Sampled as part of the 2017-2018 URG survey. Exceedences include 2/4 chronic ALU TR aluminum and 1/2 chronic dissolved lead. Thermograph data document temperature impairment. Therefore, temperature and aluminum were listed. Lead is noted as a parameter of concern.
13020101	Upper Rio Grande	NM-2120.A_821	Ute Creek (Costilla Creek to headwaters)	5/5A	9.01	MILES	20.6.4.123	Primary Contact	E. coli	5/5A	303(d) List (no TMDL in place)	Sampled as part of the 2017-2018 URG survey. There were 2/4 E. coli exceedences. Therefore, E. coli was listed.
13020101	Upper Rio Grande	NM-2120.A_841	Vidal Creek (Comanche Creek to headwaters)	5/5A	5.85	MILES	20.6.4.123	High Quality Coldwater Aquatic Life	Aluminum, Total Recoverable	5/5A	303(d) List (no TMDL in place)	Sampled as part of the 2017-2018 URG survey. Exceedences include 2/8 E. coli and 2/7 chronic ALU TR aluminum. Thermograph data confirmed temperature impairment. Sonde data documented DO impairment (nutrient impairment was not documented). Therefore, temperature remains; and E. coli, aluminum and DO were added.
13020101	Upper Rio Grande	NM-2120.A_841	Vidal Creek (Comanche Creek to headwaters)	5/5A	5.85	MILES	20.6.4.123	High Quality Coldwater Aquatic Life	Dissolved oxygen	5/5A	303(d) List (no TMDL in place)	Sampled as part of the 2017-2018 URG survey. Exceedences include 2/8 E. coli and 2/7 chronic ALU TR aluminum. Thermograph data confirmed temperature impairment. Sonde data documented DO impairment (nutrient impairment was not documented). Therefore, temperature remains; and E. coli, aluminum and DO were added.
13020101	Upper Rio Grande	NM-2120.A_841	Vidal Creek (Comanche Creek to headwaters)	5/5A	5.85	MILES	20.6.4.123	Primary Contact	E. coli	5/5A	303(d) List (no TMDL in place)	Sampled as part of the 2017-2018 URG survey. Exceedences include 2/8 E. coli and 2/7 chronic ALU TR aluminum. Thermograph data confirmed temperature impairment. Sonde data documented DO impairment (nutrient impairment was not documented). Therefore, temperature remains; and E. coli, aluminum and DO were added.
13020201	Rio Grande-Santa Fe	NM-2111_00	Rio Grande (Cochiti Reservoir to San Ildefonso bnd)	5/5A	18.2	MILES	20.6.4.114	Marginal Coldwater Aquatic Life	Aluminum, Total Recoverable	5/5A	303(d) List (no TMDL in place)	Sampled as part of the 2017-2018 Upper Rio Grande survey. Assessable 2015-2019 data from LANL and NMED DOEOB were downloaded from Intellus and collated into the assessment dataset. Exceedences include 0/14 ALU HH dissolved thallium, 0/17 TR selenium, 0/12 total cyanide, 0/14 dissolved aluminum (irrigation WQC), 2/7 chronic ALU TR aluminum, 5/17 gross alpha, and 6/23 PCBs (HH WQC; 0/23 WH WQC). 2015-2019 data and associated data quality information provided by Buckman Direct Diversion staff were also reviewed and considered. Although this data set does not currently meet the quality review requirements necessary to fully incorporate the data into the assessment dataset, there were several documented total selenium during storm events that warrant a continuation of this listing at this time (under IR Category 5C). SWQB thermograph data documented exceedences of both the 6T3 and Max Temp criteria. This dual ALU stream reach remains listed for turbidity due to the absence of an applicable de-listing methodology and 6/10 grab turbidity measurements > 50 NTU. There is no longer PCB fish consumption advisory that covers this AU. There is a fish consumption advisory for mercury. Therefore, turbidity (5C), gross alpha, PCBs (HH), selenium (5C), and mercury in fish tissue remain; and cyanide, dissolved aluminum, dissolved thallium, and PCBs in fish tissue were removed; and temperature and total recoverable aluminum were added.

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13020201	Rio Grande-Santa Fe	NM-2111_00	Rio Grande (Cochiti Reservoir to San Ildefonso bnd)	5/5A	18.2	MILES	20.6.4.114	Marginal Coldwater Aquatic Life	Mercury - Fish Consumption Advisory	5/5C	303(d) List (no TMDL in place)	Sampled as part of the 2017-2018 Upper Rio Grande survey. Assessable 2015-2019 data from LANL and NMED DOEOB were downloaded from Intellus and collated into the assessment dataset. Exceedences include 0/14 ALU HH dissolved thallium, 0/17 TR selenium, 0/12 total cyanide, 0/14 dissolved aluminum (irrigation WQC), 2/7 chronic ALU TR aluminum, 5/17 gross alpha, and 6/23 PCBs (HH WQC; 0/23 WH WQC). 2015-2019 data and associated data quality information provided by Buckman Direct Diversion staff were also reviewed and considered. Although this data set does not currently meet the quality review requirements necessary to fully incorporate the data into the assessment dataset, there were several documented total selenium during storm events that warrant a continuation of this listing at this time (under IR Category 5C). SWQB thermograph data documented exceedences of both the 6T3 and Max Temp criteria. This dual ALU stream reach remains listed for turbidity due to the absence of an applicable de-listing methodology and 6/10 grab turbidity measurements > 50 NTU. There is no longer PCB fish consumption advisory that covers this AU. There is a fish consumption advisory for mercury. Therefore, turbidity (5C), gross alpha, PCBs (HH), selenium (5C), and mercury in fish tissue remain; and cyanide, dissolved aluminum, dissolved thallium, and PCBs in fish tissue were removed; and temperature and total recoverable aluminum were added.
13020201	Rio Grande-Santa Fe	NM-2111_00	Rio Grande (Cochiti Reservoir to San Ildefonso bnd)	5/5A	18.2	MILES	20.6.4.114	Warmwater Aquatic Life	Mercury - Fish Consumption Advisory	5/5C	303(d) List (no TMDL in place)	Sampled as part of the 2017-2018 Upper Rio Grande survey. Assessable 2015-2019 data from LANL and NMED DOEOB were downloaded from Intellus and collated into the assessment dataset. Exceedences include 0/14 ALU HH dissolved thallium, 0/17 TR selenium, 0/12 total cyanide, 0/14 dissolved aluminum (irrigation WQC), 2/7 chronic ALU TR aluminum, 5/17 gross alpha, and 6/23 PCBs (HH WQC; 0/23 WH WQC). 2015-2019 data and associated data quality information provided by Buckman Direct Diversion staff were also reviewed and considered. Although this data set does not currently meet the quality review requirements necessary to fully incorporate the data into the assessment dataset, there were several documented total selenium during storm events that warrant a continuation of this listing at this time (under IR Category 5C). SWQB thermograph data documented exceedences of both the 6T3 and Max Temp criteria. This dual ALU stream reach remains listed for turbidity due to the absence of an applicable de-listing methodology and 6/10 grab turbidity measurements > 50 NTU. There is no longer PCB fish consumption advisory that covers this AU. There is a fish consumption advisory for mercury. Therefore, turbidity (5C), gross alpha, PCBs (HH), selenium (5C), and mercury in fish tissue remain; and cyanide, dissolved aluminum, dissolved thallium, and PCBs in fish tissue were removed; and temperature and total recoverable aluminum were added.
13020201	Rio Grande-Santa Fe	NM-2111_00	Rio Grande (Cochiti Reservoir to San Ildefonso bnd)	5/5A	18.2	MILES	20.6.4.114	Marginal Coldwater Aquatic Life	Temperature	5/5A	303(d) List (no TMDL in place)	Sampled as part of the 2017-2018 Upper Rio Grande survey. Assessable 2015-2019 data from LANL and NMED DOEOB were downloaded from Intellus and collated into the assessment dataset. Exceedences include 0/14 ALU HH dissolved thallium, 0/17 TR selenium, 0/12 total cyanide, 0/14 dissolved aluminum (irrigation WQC), 2/7 chronic ALU TR aluminum, 5/17 gross alpha, and 6/23 PCBs (HH WQC; 0/23 WH WQC). 2015-2019 data and associated data quality information provided by Buckman Direct Diversion staff were also reviewed and considered. Although this data set does not currently meet the quality review requirements necessary to fully incorporate the data into the assessment dataset, there were several documented total selenium during storm events that warrant a continuation of this listing at this time (under IR Category 5C). SWQB thermograph data documented exceedences of both the 6T3 and Max Temp criteria. This dual ALU stream reach remains listed for turbidity due to the absence of an applicable de-listing methodology and 6/10 grab turbidity measurements > 50 NTU. There is no longer PCB fish consumption advisory that covers this AU. There is a fish consumption advisory for mercury. Therefore, turbidity (5C), gross alpha, PCBs (HH), selenium (5C), and mercury in fish tissue remain; and cyanide, dissolved aluminum, dissolved thallium, and PCBs in fish tissue were removed; and temperature and total recoverable aluminum were added.
13020203	Rio Grande-Albuquerque	NM-2105_50	Rio Grande (Isleta Pueblo boundary to Tijeras Arroyo)	5/5A	5.14	MILES	20.6.4.105	Marginal Warmwater Aquatic Life	Mercury - Fish Consumption Advisory	5/5C	303(d) List (no TMDL in place)	E. coli data were collected from July 2017 through May 2018 as part of a Cuidad Soil and Water Conservation Service project to characterize bacterial impairment and regrowth in the Middle Rio Grande. 10/16 exceedences of the applicable single sample E. coli criterion were documented at station SW6_VDO. Therefore, E. coli remains a cause of impairment. In addition, there were 13/14 E. coli exceedences in MRG TAG data submitted during the Response to Comments on the draft Integrated List, 9/10/20. There is a new fish consumption advisory for mercury.
13020203	Rio Grande-Albuquerque	NM-2105.1_00	Rio Grande (non-pueblo Alameda Bridge to HWY 550 Bridge)	5/5A	12.12	MILES	20.6.4.106	Primary Contact	E. coli	4A	TMDL Completed	E. coli data were collected from July 2017 through May 2018 as part of a Cuidad Soil and Water Conservation Service project to characterize bacterial impairment and regrowth in the Middle Rio Grande. 3/16 exceedences of the applicable single sample E. coli criterion were documented at station SW2_WillowCk, 2/16 were documented at station SW3_UsNDC, and 4/16 were documented at station SW4_Alameda. Therefore, E. coli was re-listed as a cause of impairment. There is a new fish consumption advisory for mercury.
13020203	Rio Grande-Albuquerque	NM-2105.1_00	Rio Grande (non-pueblo Alameda Bridge to HWY 550 Bridge)	5/5A	12.12	MILES	20.6.4.106	Marginal Warmwater Aquatic Life	Mercury - Fish Consumption Advisory	5/5C	303(d) List (no TMDL in place)	E. coli data were collected from July 2017 through May 2018 as part of a Cuidad Soil and Water Conservation Service project to characterize bacterial impairment and regrowth in the Middle Rio Grande. 3/16 exceedences of the applicable single sample E. coli criterion were documented at station SW2_WillowCk, 2/16 were documented at station SW3_UsNDC, and 4/16 were documented at station SW4_Alameda. Therefore, E. coli was re-listed as a cause of impairment. There is a new fish consumption advisory for mercury.

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13020203	Rio Grande-Albuquerque	NM-2105.1_02	Rio Grande (non-pueblo HWY 550 Bridge to Angostura Div)	4A	2.41	MILES	20.6.4.106	Primary Contact	E. coli	4A	TMDL Completed	E. coli data were collected from July 2017 through May 2018 as part of a Cuidad Soil and Water Conservation Service project to characterize bacterial impairment and regrowth in the Middle Rio Grande. 3/16 exceedences of the applicable single sample E. coli criterion were documented at station SW1_USBridge. Therefore, E. coli was re-listed as a cause of impairment. In addition, there were 1/7 E. coli exceedences in MRG TAG data submitted during the Response to Comments on the draft Integrated List, 9/10/20.
13020203	Rio Grande-Albuquerque	NM-2105_51	Rio Grande (Tijeras Arroyo to Alameda Bridge)	5/5C	15.6	MILES	20.6.4.105	Primary Contact	E. coli	4A	TMDL Completed	E. coli data were collected from July 2017 through May 2018 as part of a Cuidad Soil and Water Conservation Service project to characterize bacterial impairment and regrowth in the Middle Rio Grande. 8/16 exceedences of the applicable single sample E. coli criterion were documented at station SWS_Central. Therefore, E. coli was re-listed as a cause of impairment. There is a new fish consumption advisory for mercury.
13020203	Rio Grande-Albuquerque	NM-2105_51	Rio Grande (Tijeras Arroyo to Alameda Bridge)	5/5C	15.6	MILES	20.6.4.105	Marginal Warmwater Aquatic Life	Mercury - Fish Consumption Advisory	5/5C	303(d) List (no TMDL in place)	E. coli data were collected from July 2017 through May 2018 as part of a Cuidad Soil and Water Conservation Service project to characterize bacterial impairment and regrowth in the Middle Rio Grande. 8/16 exceedences of the applicable single sample E. coli criterion were documented at station SWS_Central. Therefore, E. coli was re-listed as a cause of impairment. There is a new fish consumption advisory for mercury.
13060001	Pecos Headwaters	NM-2214-A_002	Pecos River (Alamitos Canyon to Jack's Creek)	5/5A	21.83	MILES	20.6.4.217	High Quality Coldwater Aquatic Life	Temperature	5/5A	303(d) List (no TMDL in place)	Long-term temperature data collected by Pathfinder Environmental during 2017-2018 exceeded both the maximum criteria of 23.0 degrees Celsius and the 4T3 of 20.0 degrees Celsius. Therefore, temperature was added as a cause of impairment.
13060011	Upper Pecos-Black	NM-2205_00	Brantley Reservoir	5/5C	1602.54	ACRES	20.6.4.205	Warmwater Aquatic Life	Mercury - Fish Consumption Advisory	5/5C	303(d) List (no TMDL in place)	The fish consumption advisory for mercury was reinstated, and there are documented mercury levels in 2015 fish tissue data greater than the methylmercury criterion of 0.3 mg/kg. Methylmercury is a subset of total mercury (i.e., total mercury is a more conservative value). Therefore, this AU was re-listed for Mercury - Fish Consumption Advisory.
13060011	Upper Pecos-Black	NM-2204.A_00	Pecos River (Avalon Reservoir to Brantley Reservoir)	5/5C	10.77	MILES	20.6.4.204	Warmwater Aquatic Life	Mercury - Fish Consumption Advisory	5/5C	303(d) List (no TMDL in place)	The Mercury - Fish Tissue Advisory and DDT - Fish Tissue Advisory in effect for Brantley Reservoir also apply to the Pecos River within the Brantley Wildlife Management Unit per the current NM Fish Consumption Advisories. Therefore, Mercury - Fish Tissue Advisory was add to this AU.
13060011	Upper Pecos-Black	NM-2202.A_00	Pecos River (Black River to Six Mile Dam)	5/5A	16.59	MILES	20.6.4.202	Warmwater Aquatic Life	DDT - Fish Consumption Advisory	5/5C	303(d) List (no TMDL in place)	The new DDT - Fish Consumption Advisory is due to the 2020 fish consumption advisory for DDT.
13060011	Upper Pecos-Black	NM-2202.A_01	Pecos River (Six Mile Dam to Lower Tansil Lake)	5/5C	3.67	MILES	20.6.4.202	Warmwater Aquatic Life	DDT - Fish Consumption Advisory	5/5C	303(d) List (no TMDL in place)	The USGS High Res layer does not include a polygon for Six Mile Dam Lake. The lower end of this upper river AU was extended to the diversion dam. The new DDT - Fish Consumption Advisory is due to the 2020 fish consumption advisory for DDT.
13060011	Upper Pecos-Black	NM-2201_00	Pecos River (TX border to Black River)	5/5C	35.74	MILES	20.6.4.201	Warmwater Aquatic Life	DDT - Fish Consumption Advisory	5/5C	303(d) List (no TMDL in place)	The new DDT - Fish Consumption Advisory is due to the 2020 fish consumption advisory for DDT.
14080101	Upper San Juan	NM-9000.A_060	Gallegos Canyon (San Juan River to Navajo bnd)	5/5A	0.65	MILES	20.6.4.99	Primary Contact	E. coli	5/5A	303(d) List (no TMDL in place)	Sampled by SWQB during the 2017-2018 San Juan River basin survey. Assessable EPA data were also collated into the dataset. Exceedences included 3/6 E. coli and 3/3 total selenium. Thermograph data documented temperature impairment. Therefore, temperature and E. coli were added, and selenium remains.
14080101	Upper San Juan	NM-9000.A_060	Gallegos Canyon (San Juan River to Navajo bnd)	5/5A	0.65	MILES	20.6.4.99	Warmwater Aquatic Life	Temperature	5/5A	303(d) List (no TMDL in place)	Sampled by SWQB during the 2017-2018 San Juan River basin survey. Assessable EPA data were also collated into the dataset. Exceedences included 3/6 E. coli and 3/3 total selenium. Thermograph data documented temperature impairment. Therefore, temperature and E. coli were added, and selenium remains.
14080101	Upper San Juan	NM-2407.A_10	Los Pinos River (Navajo Reservoir to CO border)	5/5A	1.37	MILES	20.6.4.407	Coldwater Aquatic Life	Temperature	5/5A	303(d) List (no TMDL in place)	Sampled during the 2017-2018 SJR watershed survey. Thermograph data documented temperature impairment. Therefore, temperature was listed.
14080101	Upper San Juan	NM-2407.A_00	Navajo River (Jicarilla Apache Nation to CO border)	5/5B	5.88	MILES	20.6.4.407	Primary Contact	E. coli	5/5A	303(d) List (no TMDL in place)	Sampled during the 2017-2018 SJR watershed survey. Exceedences include 2/10 E. coli, 4/10 total phosphorus, and 9/10 turbidity grab screening (a long-term data set [LTD] from a continuous monitoring device is necessary to confirm the turbidity listing before proceeding to TMDL scheduling per SWQB listing methodologies). Thermograph data document continued temperature impairment. Therefore, temperature remains, and E. coli, total phosphorus, and turbidity (IR Cat 5C) were added. Fisheries data indicate coolwater may be a more appropriate ALU -- WQS review needed.
14080101	Upper San Juan	NM-2407.A_00	Navajo River (Jicarilla Apache Nation to CO border)	5/5B	5.88	MILES	20.6.4.407	Coldwater Aquatic Life	Phosphorus, Total	5/5A	303(d) List (no TMDL in place)	Sampled during the 2017-2018 SJR watershed survey. Exceedences include 2/10 E. coli, 4/10 total phosphorus, and 9/10 turbidity grab screening (a long-term data set [LTD] from a continuous monitoring device is necessary to confirm the turbidity listing before proceeding to TMDL scheduling per SWQB listing methodologies). Thermograph data document continued temperature impairment. Therefore, temperature remains, and E. coli, total phosphorus, and turbidity (IR Cat 5C) were added. Fisheries data indicate coolwater may be a more appropriate ALU -- WQS review needed.
14080101	Upper San Juan	NM-2407.A_00	Navajo River (Jicarilla Apache Nation to CO border)	5/5B	5.88	MILES	20.6.4.407	Coldwater Aquatic Life	Turbidity	5/5C	303(d) List (no TMDL in place)	Sampled during the 2017-2018 SJR watershed survey. Exceedences include 2/10 E. coli, 4/10 total phosphorus, and 9/10 turbidity grab screening (a long-term data set [LTD] from a continuous monitoring device is necessary to confirm the turbidity listing before proceeding to TMDL scheduling per SWQB listing methodologies). Thermograph data document continued temperature impairment. Therefore, temperature remains, and E. coli, total phosphorus, and turbidity (IR Cat 5C) were added. Fisheries data indicate coolwater may be a more appropriate ALU -- WQS review needed.
14080101	Upper San Juan	NM-2405_11	San Juan River (NM reach upstream of Navajo Reservoir)	5/5A	0.56	MILES	20.6.4.99	Warmwater Aquatic Life	Aluminum, Total Recoverable	5/5A	303(d) List (no TMDL in place)	Sampled as part of the 2017-2018 San Juan River watershed survey. Exceedences include 2/5 E. coli and chronic ALU TR aluminum. Therefore, E. coli and aluminum were listed.

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14080101	Upper San Juan	NM-2405_11	San Juan River (NM reach upstream of Navajo Reservoir)	5/5A	0.56	MILES	20.6.4.99	Primary Contact	E. coli	5/5A	303(d) List (no TMDL in place)	Sampled as part of the 2017-2018 San Juan River watershed survey. Exceedences include 2/5 E. coli and chronic ALU TR aluminum. Therefore, E. coli and aluminum were listed.
14080104	Animas	NM-2404_00	Animas River (Estes Arroyo to So. Ute Indian Tribe bnd)	5/5A	19.4	MILES	20.6.4.404	Coolwater Aquatic Life	Lead, Dissolved	5/5C	303(d) List (no TMDL in place)	Sampled by SWQB during the 2017-2018 San Juan River basin survey, as well as during Gold King related 2015-2016 study. Assessable USGS and EPA data were also collated into the dataset. At stations blw CO state line and abv Estes Arroyo, respectively, exceedences included and 2/9 and 2/8 segment-specific total phosphorus; and 1/10 and 0/9 E. coli. There were 2/24 dissolved lead chronic ALU at the station abv Estes Arroyo (both exceedences were in EPA's 2019 spring runoff dataset). Total nitrogen and delta DO thresholds were exceeded. There are no thermograph data available to assess temperature, and the current turbidity LM does not apply to coolwater ALU. Therefore, total phosphorus, temperature, and turbidity remain; E. coli was removed; and nutrients and lead were added.
14080104	Animas	NM-2404_00	Animas River (Estes Arroyo to So. Ute Indian Tribe bnd)	5/5A	19.4	MILES	20.6.4.404	Coolwater Aquatic Life	Nutrients	5/5A	303(d) List (no TMDL in place)	Sampled by SWQB during the 2017-2018 San Juan River basin survey, as well as during Gold King related 2015-2016 study. Assessable USGS and EPA data were also collated into the dataset. At stations blw CO state line and abv Estes Arroyo, respectively, exceedences included and 2/9 and 2/8 segment-specific total phosphorus; and 1/10 and 0/9 E. coli. There were 2/24 dissolved lead chronic ALU at the station abv Estes Arroyo (both exceedences were in EPA's 2019 spring runoff dataset). Total nitrogen and delta DO thresholds were exceeded. There are no thermograph data available to assess temperature, and the current turbidity LM does not apply to coolwater ALU. Therefore, total phosphorus, temperature, and turbidity remain; E. coli was removed; and nutrients and lead were added.
14080105	Middle San Juan	NM-9000_A_021	Shumway Arroyo (San Juan River to Ute Mtn Ute bnd)	5/5A	13.35	MILES	20.6.4.98	Primary Contact	E. coli	5/5A	303(d) List (no TMDL in place)	Sampled as part of the 2017-2018 San Juan River survey. There were 3/6 E. coli exceedences. Therefore, E. coli was added.
14080105	Middle San Juan	NM-2401_11	Stevens Arroyo (Perennial prts San Juan R to headwaters)	5/5A	9.82	MILES	20.6.4.99	Primary Contact	E. coli	5/5A	303(d) List (no TMDL in place)	Sampled as part of the 2017-2018 San Juan River survey. Assessable EPA data were collated into the dataset. There were 3/7 E. coli exceedences. Therefore, E. coli was listed. The arroyo generally starts flowing near the Farmers Mutual Ditch.