

HUC EIGHT	HUC EIGHT NAME	AU_ID	AU_NAME	WATER SIZE	SIZE UNIT	WQS REFERENCE	DELISTED CAUSE	CYCLE FIRST LISTED	CYCLE DELISTED	DELISTING REASON	DELISTING NOTE	2020 IR ASSESSMENT RATIONALE
13060007	Upper Pecos-Long A	NM-2206.A_20	Pecos River (Rio Hondo to Salt Creek)	19.51	MILES	20.6.4.206	PCBS - Fish Consumption Advisory	2010	2020	Applicable WQS attained; based on new data		20.6.4.206 NMAC remains Secondary Contact with a single E. coli WQC of 2507 cfu/100 mL, so E. coli remains full support based on available data. There are no longer DDT or PCB fish consumption advisories that cover this AU. Therefore, these listings were removed.
13060007	Upper Pecos-Long A	NM-2206.A_20	Pecos River (Rio Hondo to Salt Creek)	19.51	MILES	20.6.4.206	DDT - Fish Consumption Advisory	2010	2020	Applicable WQS attained; based on new data		20.6.4.206 NMAC remains Secondary Contact with a single E. coli WQC of 2507 cfu/100 mL, so E. coli remains full support based on available data. There are no longer DDT or PCB fish consumption advisories that cover this AU. Therefore, these listings were removed.
13060007	Upper Pecos-Long A	NM-2206.A_03	Pecos River (Eagle Creek to Rio Felix)	34.68	MILES	20.6.4.206	PCBS - Fish Consumption Advisory	2010	2020	Applicable WQS attained; based on new data		There are no longer DDT or PCB fish consumption advisories that cover this AU. Therefore, these listings were removed.
13060007	Upper Pecos-Long A	NM-2206.A_03	Pecos River (Eagle Creek to Rio Felix)	34.68	MILES	20.6.4.206	DDT - Fish Consumption Advisory	2010	2020	Applicable WQS attained; based on new data		There are no longer DDT or PCB fish consumption advisories that cover this AU. Therefore, these listings were removed.
14080104	Animas	NM-2403.A_00	Animas River (San Juan River to Estes Arroyo)	16.73	MILES	20.6.4.403	E. coli	2012	2020	Applicable WQS attained; based on new data		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. Exceedences included 1/8 E. coli at both stations at Farmington and at CR350 bridge. Thermograph data documented temperature impairment. Nutrient TN and TP thresholds were not exceeded. Therefore, temperature remains, and E. coli and nutrients were removed.
14080104	Animas	NM-2403.A_00	Animas River (San Juan River to Estes Arroyo)	16.73	MILES	20.6.4.403	Nutrients	2004	2020	Applicable WQS attained; based on new data	This AU_Parameter pair is still impaired, and TMDLs were approved or assigned since the last listing cycle.	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. Exceedences included 1/8 E. coli at both stations at Farmington and at CR350 bridge. Thermograph data documented temperature impairment. Nutrient TN and TP thresholds were not exceeded. Therefore, temperature remains, and E. coli and nutrients were removed.
13060001	Pecos Headwaters	NM-2212_10	Tecolote Creek (I-25 to Blue Creek)	22.68	MILES	20.6.4.230	Temperature	1998	2020	TMDL Approved or established by EPA (4a)		
11080006	Upper Canadian-Ute	NM-2302_00	Ute Reservoir	5988.19	ACRES	20.6.4.302	PCBS - Fish Consumption Advisory	2016	2020	Applicable WQS attained; based on new data		There is no longer a PCB fish consumption advisory so the listing was removed.
13020101	Upper Rio Grande	NM-98.A_002	Apache Canyon (Rio Fernando de Taos to headwaters)	1.46	MILES	20.6.4.123	E. coli	2010	2020	Applicable WQS attained; based on new data		Sampled as part of the URG 2017-2018 survey. Exceedences included 1/5 E. coli, and 1/3 acute TR aluminum. Therefore, E. coli listing removed, and aluminum noted as a parameter of concern.
13020101	Upper Rio Grande	NM-2120.A_513	Rio Fernando de Taos (UFSF bnd at canyon to Tienditas Cr	11.54	MILES	20.6.4.123	E. coli	2012	2020	Applicable WQS attained; based on new data		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-2111_10	Rio Grande (Ohkay Owingeh bnd to Embudo Creek)	14.07	MILES	20.6.4.114	PCBS - Fish Consumption Advisory	2006	2020	Applicable WQS attained; based on new data		Sampled as part of the 2017-2018 URG 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_40	Embudo Creek (Canada de Ojo Sarco to Picuris Pueblo bnd	5.16	MILES	20.6.4.114	Nutrients	2012	2020	Applicable WQS attained; based on new data		Sampled as part of the 2017-2018 URG 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_836	Grassy Creek (Comanche Creek to headwaters)	3.48	MILES	20.6.4.123	Turbidity	2010	2020	Applicable WQS attained; based on new data		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.
13020201	Rio Grande-Santa Fe	NM-2118.A_70	Rito de los Frijoles (Rio Grande to headwaters)	14.33	MILES	20.6.4.121	Aluminum, Total Recoverable	2016	2020	Applicable WQS attained; based on new data		Sampled as part of the 2017-2018 URG survey. There were 0/4 TR aluminum exceedences. DDT levels were measured in fish tissue in 2001. The section of stream from the Rio Grande to the wilderness boundary above Alcove House continues to be closed to fishing due to legacy DDT contamination as well as protection of cultural and natural resources (Chief of Resource Management at Bandelier National Monument, personal communication 2/5/20). Therefore, aluminum was removed and DDT in fish tissue remains.
14080105	Middle San Juan	NM-2401_10	San Juan River (Navajo bnd at Hogback to Animas River)	22.8	MILES	20.6.4.401	Turbidity	2012	2020	Data and/or information lacking to determine WQ status; original basis for listing was incorrect		Sampled as part of the 2017-2018 URG survey. Assessable EPA and USGS data were collated into the dataset. A protocol for sedimentation of NM's boatable rivers in under development for the 2022 listing cycle. Until then, sedimentation will remain listed (IR Cat 5C). There were 3/15 E. coli exceedences. As noted in the 2014 assessment rationale, the turbidity AP was incorrectly applied during the 2012 listing cycle, as the turbidity AP states that this approach derived from the SEV index will not be applied to stream segments that list both a coldwater and a warmwater designated aquatic life use. Therefore, turbidity was removed during the 2014 cycle. The impairment was erroneously included on NM's 2014, 2016, and 2018 lists due to a database entry error. Turbidity has been correctly removed. Therefore, E. coli and sedimentation remain, and turbidity was removed.
13020201	Rio Grande-Santa Fe	NM-9000.A_047	Sandia Canyon (Sigma Canyon to NPDES outfall 001)	2.73	MILES	20.6.4.126	Aluminum, Total Recoverable	2018	2020	Other pollution control requirements (4b)	This AU_Parameter pair is still impaired, and an IR Category 4B demonstration was developed since the last listing cycle.	Available LANL and NMED DOE OB 2015-2019 data for all current impairments were downloaded from Intelius and assessed. All 2018 IR listing conclusions were confirmed (TR AL, dissolved copper, PCBs, and temperature impairments). A third party IR Category 4b demonstration entitled "Sandia Canyon Assessment Unit NM-9000_A_047 and NM-128_A_11 Dissolved Copper, Mercury and Total Recoverable Aluminum 4B Demonstration" was prepared and submitted by LANL's Environmental Compliance Division (available at <a href="https://www.env.nm.gov/surface-water-quality/303d-305b/">https://www.env.nm.gov/surface-water-quality/303d-305b/</a> ). Accordingly, the associated aluminum and copper listings in this AU are noted as IR Category 4B.
13020201	Rio Grande-Santa Fe	NM-9000.A_047	Sandia Canyon (Sigma Canyon to NPDES outfall 001)	2.73	MILES	20.6.4.126	Copper, Dissolved	2010	2020	Other pollution control requirements (4b)	This AU_Parameter pair is still impaired, and an IR Category 4B demonstration was developed since the last listing cycle.	Available LANL and NMED DOE OB 2015-2019 data for all current impairments were downloaded from Intelius and assessed. All 2018 IR listing conclusions were confirmed (TR AL, dissolved copper, PCBs, and temperature impairments). A third party IR Category 4b demonstration entitled "Sandia Canyon Assessment Unit NM-9000_A_047 and NM-128_A_11 Dissolved Copper, Mercury and Total Recoverable Aluminum 4B Demonstration" was prepared and submitted by LANL's Environmental Compliance Division (available at <a href="https://www.env.nm.gov/surface-water-quality/303d-305b/">https://www.env.nm.gov/surface-water-quality/303d-305b/</a> ). Accordingly, the associated aluminum and copper listings in this AU are noted as IR Category 4B.
13020201	Rio Grande-Santa Fe	NM-2118.A_15	Galisteo Ck (Perennial prt San Cristobal to 2.2 mi abv Lamy)	12.57	MILES	20.6.4.139	Temperature	1998	2020	TMDL Approved or established by EPA (4a)	This AU_Parameter pair is still impaired, and TMDLs were approved or assigned since the last listing cycle.	Original AU named "Galisteo Ck (Perennial prt Kewa bnd to 2.2 mi abv Lamy)" split at San Cristobal Creek. 2017 TMDL applied to both new AUs.
13020201	Rio Grande-Santa Fe	NM-2118.A_15	Galisteo Ck (Perennial prt San Cristobal to 2.2 mi abv Lamy)	12.57	MILES	20.6.4.139	Specific Conductance	1998	2020	Applicable WQS attained, due to change in WQS		Original AU named "Galisteo Ck (Perennial prt Kewa bnd to 2.2 mi abv Lamy)" split at San Cristobal Creek. 2017 TMDL applied to both new AUs.
13060007	Upper Pecos-Long A	NM-2206.A_00	Pecos River (Rio Felix to Rio Hondo)	28.62	MILES	20.6.4.206	DDT - Fish Consumption Advisory		2020	Applicable WQS attained; based on new data		There are no longer DDT or PCB fish consumption advisories that cover this AU. Therefore, these listings were removed.

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13060007	Upper Pecos-Long A	NM-2206.A_00	Pecos River (Rio Felix to Rio Hondo)	28.62	MILES	20.6.4.206	PCBS - Fish Consumption Advisory		2020	Applicable WQS attained; based on new data		There are no longer DDT or PCB fish consumption advisories that cover this AU. Therefore, these listings were removed.
11040001	Cimarron Headwater	NM-2701_00	Dry Cimarron R (Perennial prt OK bnd to Sloan Creek)	9.4	MILES	20.6.4.702	Temperature	2004	2020	TMDL Approved or established by EPA (4a)	This AU_Parameter pair is still impaired, and TMDLs were approved or assigned since the last listing cycle.	Original AU named "Dry Cimarron R (Perennial reaches OK bnd to Long Canyon)" split at Sloan Creek and Jesus Canyon.
11040001	Cimarron Headwater	NM-2701_00	Dry Cimarron R (Perennial prt OK bnd to Sloan Creek)	9.4	MILES	20.6.4.702	Nutrients	2018	2020	TMDL Approved or established by EPA (4a)	This AU_Parameter pair is still impaired, and TMDLs were approved or assigned since the last listing cycle.	Original AU named "Dry Cimarron R (Perennial reaches OK bnd to Long Canyon)" split at Sloan Creek and Jesus Canyon.
11040001	Cimarron Headwater	NM-2701_02	Dry Cimarron River (Long Canyon to Oak Ck)	25.21	MILES	20.6.4.702	Nutrients	2018	2020	TMDL Approved or established by EPA (4a)	This AU_Parameter pair is still impaired, and TMDLs were approved or assigned since the last listing cycle.	
11040001	Cimarron Headwater	NM-2701_01	Dry Cimarron River (Oak Creek to headwaters)	27.91	MILES	20.6.4.701	Nutrients	2018	2020	TMDL Approved or established by EPA (4a)	This AU_Parameter pair is still impaired, and TMDLs were approved or assigned since the last listing cycle.	
13020101	Upper Rio Grande	NM-2119_20	Rio Pueblo de Taos (Rio Grande to Arroyo del Alamo)	2.38	MILES	20.6.4.122	Nutrients	2012	2020	Applicable WQS attained; based on new data		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_419	Rio Santa Barbara (non-pueblo Embudo Ck to USFS bnd)	4.34	MILES	20.6.4.123	Temperature	2012	2020	Applicable WQS attained; based on new data		Sampled as part of the 2017-2018 URG survey. Thermograph data document no temperature impairment. Sonde data do not exceed any turbidity thresholds. There were 1/8 E. coli exceedences. Therefore, temperature and E. coli were removed as impairments.
13020101	Upper Rio Grande	NM-2120.A_419	Rio Santa Barbara (non-pueblo Embudo Ck to USFS bnd)	4.34	MILES	20.6.4.123	E. coli	2014	2020	Applicable WQS attained; based on new data		Sampled as part of the 2017-2018 URG survey. Thermograph data document no temperature impairment. Sonde data do not exceed any turbidity thresholds. There were 1/8 E. coli exceedences. Therefore, temperature and E. coli were removed as impairments.
13020101	Upper Rio Grande	NM-2111_50	Santa Cruz River (Santa Clara Pueblo bnd to Santa Cruz Da	8.37	MILES	20.6.4.114	E. coli	2012	2020	Applicable WQS attained; based on new data		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-2120.A_703	Pioneer Creek (Red River to headwaters)	5.36	MILES	20.6.4.123	Turbidity	2004	2020	Applicable WQS attained; based on new data		Sampled as part of the URG 2017-2018 survey. Turbidity thresholds were not exceeded. A Level One sedimentation survey was FS (Level Two needed to complete the assessment). Therefore, turbidity was removed and sedimentation remains.
13020101	Upper Rio Grande	NM-2111_11	Rio Grande (Santa Clara Pueblo bnd to Ohkay Owingeh bn	0.69	MILES	20.6.4.114	PCBS - Fish Consumption Advisory	2010	2020	Applicable WQS attained; based on new data		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.
11080004	Mora	NM-2306.A_020	Coyote Creek (Mora River to Amola Ridge)	13.06	MILES	20.6.4.309	Nutrients	2018	2020	TMDL Approved or established by EPA (4a)	This AU_Parameter pair is still impaired, and TMDLs were approved or assigned since the last listing cycle.	
11080002	Cimarron	NM-2306.A_130	Cimarron River (Turkey Creek to Eagle Nest Lake)	19.63	MILES	20.6.4.309	Temperature	2018	2020	TMDL Approved or established by EPA (4a)	This AU_Parameter pair is still impaired, and TMDLs were approved or assigned since the last listing cycle.	The 2010 Cimarron River temperature TMDL was assigned to the temperature impairment. The AU break in the Red River was moved downstream from Placer Creek to the upstream mine boundary. 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-2120.A_710	Red River (upstream mine boundary to headwaters)	6.01	MILES	20.6.4.123	Nutrients	2012	2020	Applicable WQS attained; based on new data		
11040001	Cimarron Headwater	NM-2701_03	Dry Cimarron R (Perennial prt Sloan Creek to Jesus Canyon	27.31	MILES	20.6.4.702	Nutrients	2018	2020	TMDL Approved or established by EPA (4a)	This AU_Parameter pair is still impaired, and TMDLs were approved or assigned since the last listing cycle.	Original AU named "Dry Cimarron R (Perennial reaches OK bnd to Long Canyon)" split at Sloan Creek and Jesus Canyon.
11040001	Cimarron Headwater	NM-2701_03	Dry Cimarron R (Perennial prt Sloan Creek to Jesus Canyon	27.31	MILES	20.6.4.702	Dissolved oxygen	2008	2020	Clarification of listing cause;		Original AU named "Dry Cimarron R (Perennial reaches OK bnd to Long Canyon)" split at Sloan Creek and Jesus Canyon.
11040001	Cimarron Headwater	NM-2701_03	Dry Cimarron R (Perennial prt Sloan Creek to Jesus Canyon	27.31	MILES	20.6.4.702	Temperature	2004	2020	TMDL Approved or established by EPA (4a)	This AU_Parameter pair is still impaired, and TMDLs were approved or assigned since the last listing cycle.	Original AU named "Dry Cimarron R (Perennial reaches OK bnd to Long Canyon)" split at Sloan Creek and Jesus Canyon.
11080002	Cimarron	NM-2306.A_066	American Creek (Cieneguilla Creek to headwaters)	5.99	MILES	20.6.4.309	Temperature	2018	2020	Applicable WQS attained; original basis for listing was incorrect		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.
13020101	Upper Rio Grande	NM-2120.A_820	Costilla Creek (Diversion abv Costilla to Comanche Creek)	19.59	MILES	20.6.4.123	Temperature	2002	2020	TMDL Approved or established by EPA (4a)	This AU_Parameter pair is still impaired, and TMDLs were approved or assigned since the last listing cycle.	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.
11080005	Conchas	NM-2305.A_010	Conchas River (Conchas Reservoir to Salitre Creek)	42.64	MILES	20.6.4.305	E. coli	2018	2020	TMDL Approved or established by EPA (4a)	This AU_Parameter pair is still impaired, and TMDLs were approved or assigned since the last listing cycle.	
11080005	Conchas	NM-2305.A_010	Conchas River (Conchas Reservoir to Salitre Creek)	42.64	MILES	20.6.4.305	Aluminum, Total Recoverable	2018	2020	TMDL Approved or established by EPA (4a)	This AU_Parameter pair is still impaired, and TMDLs were approved or assigned since the last listing cycle.	
11080005	Conchas	NM-2305.A_010	Conchas River (Conchas Reservoir to Salitre Creek)	42.64	MILES	20.6.4.305	Nutrients	2018	2020	TMDL Approved or established by EPA (4a)	This AU_Parameter pair is still impaired, and TMDLs were approved or assigned since the last listing cycle.	
11080004	Mora	NM-2306.A_022	Coyote Creek (Williams Canyon to Black Lake)	12.2	MILES	20.6.4.309	Nutrients	2018	2020	TMDL Approved or established by EPA (4a)	This AU_Parameter pair is still impaired, and TMDLs were approved or assigned since the last listing cycle.	
11080004	Mora	NM-2306.A_021	Coyote Creek (Black Lake to headwaters)	7.91	MILES	20.6.4.309	Temperature	2018	2020	TMDL Approved or established by EPA (4a)	This AU_Parameter pair is still impaired, and TMDLs were approved or assigned since the last listing cycle.	
11080001	Canadian Headwater	NM-2305.A_255	Doggett Creek (Raton Creek to headwaters)	3.38	MILES	20.6.4.99	E. coli	2008	2020	TMDL Approved or established by EPA (4a)	This AU_Parameter pair is still impaired, and TMDLs were approved or assigned since the last listing cycle.	

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11080001	Canadian Headwater	NM-2305.A_255	Doggett Creek (Raton Creek to headwaters)	3.38	MILES	20.6.4.99	Nutrients	1998	2020	TMDL Approved or established by EPA (4a)	This AU_Parameter pair is still impaired, and TMDLs were approved or assigned since the last listing cycle.	
11040001	Cimarron Headwater	NM-2701_20	Long Canyon (Perennial reaches abv Dry Cimarron)	8.56	MILES	20.6.4.702	Temperature	2004	2020	TMDL Approved or established by EPA (4a)	This AU_Parameter pair is still impaired, and TMDLs were approved or assigned since the last listing cycle.	
11040001	Cimarron Headwater	NM-2701_20	Long Canyon (Perennial reaches abv Dry Cimarron)	8.56	MILES	20.6.4.702	Nutrients	2018	2020	TMDL Approved or established by EPA (4a)	This AU_Parameter pair is still impaired, and TMDLs were approved or assigned since the last listing cycle.	
11080002	Cimarron	NM-2306.A_112	McCrystal Creek (North Ponil to headwaters)	9.36	MILES	20.6.4.309	Temperature	2000	2020	TMDL Approved or established by EPA (4a)	This AU_Parameter pair is still impaired, and TMDLs were approved or assigned since the last listing cycle.	The 2011 North Ponil temperature TMDL was assigned to the temperature impairment. The 2004 North Ponil turbidity TMDL revision was assigned to the turbidity impairment.
11080002	Cimarron	NM-2306.A_112	McCrystal Creek (North Ponil to headwaters)	9.36	MILES	20.6.4.309	Turbidity	2010	2020	TMDL Approved or established by EPA (4a)	This AU_Parameter pair is still impaired, and TMDLs were approved or assigned since the last listing cycle.	The 2011 North Ponil temperature TMDL was assigned to the temperature impairment. The 2004 North Ponil turbidity TMDL revision was assigned to the turbidity impairment.
11080002	Cimarron	NM-2306.A_124	Middle Ponil Creek (Greenwood Creek to headwaters)	11.8	MILES	20.6.4.309	Turbidity	2018	2020	TMDL Approved or established by EPA (4a)	This AU_Parameter pair is still impaired, and TMDLs were approved or assigned since the last listing cycle.	The 2001 Middle Ponil turbidity TMDL was assigned to the turbidity impairment.
11080004	Mora	NM-2305.3.A_00	Mora River (USGS gage east of Shoemaker to HWY 434)	56.33	MILES	20.6.4.307	E. coli	2018	2020	TMDL Approved or established by EPA (4a)	This AU_Parameter pair is still impaired, and TMDLs were approved or assigned since the last listing cycle.	
13020102	Rio Chama	NM-2113_40	El Rito Creek (Perennial reaches Rio Chama to HWY 554)	13.72	MILES	20.6.4.116	E. coli	2014	2020	Data and/or information lacking to determine WQ status; original basis for listing was incorrect		AU name changed from "El Rito Creek (Perennial reaches below HWY 554)" to "El Rito Creek (Perennial reaches Rio Chama to HWY 554)". E. coli was incorrectly assessed using a single sample WQC of 410 cfu/100 mL. Using the applicable single sample WQC of 2507 cfu/100 mL, this AU is 0/7, Full Support for E. coli.
13020102	Rio Chama	NM-2113_50	Abiquiu Creek (Rio Chama to headwaters)	12.99	MILES	20.6.4.116	E. coli	2014	2020	Data and/or information lacking to determine WQ status; original basis for listing was incorrect		E. coli was incorrectly assessed using a single sample WQC of 410 cfu/100 mL. Using the applicable single sample WQC of 2507 cfu/100 mL, this AU is 1/7, Full Support for E. coli.
11080001	Canadian Headwater	NM-2305.A_253	Raton Creek (Chicorica Creek to headwaters)	18.7	MILES	20.6.4.305	Nutrients	1998	2020	TMDL Approved or established by EPA (4a)	This AU_Parameter pair is still impaired, and TMDLs were approved or assigned since the last listing cycle.	Available nutrient and delta DO data were re-assessed using the updated nutrient listing methodology. Both the TN and TP medians, as well as the delta DO, exceeded the applicable thresholds. Therefore, nutrients are still listed for non support.
13020201	Rio Grande-Santa Fe	NM-128.A_11	Sandia Canyon (within LANL below Sigma Canyon)	3.4	MILES	20.6.4.128	Aluminum, Total Recoverable	2018	2020	Other pollution control requirements (4b)	This AU_Parameter pair is still impaired, and an IR Category 4B demonstration was developed since the last listing cycle.	The 2018 IR noted copper listing was inadvertently left off the 2018 IR -- it has been added. Available LANL and NMED DOE OB 2015-2019 data for all current impairments were downloaded from Intelius and assessed. All 2018 IR listing conclusions were confirmed (total mercury, TR AI, PCBs, copper, and adjusted gross alpha). A third party IR Category 4b demonstration entitled "Sandia Canyon Assessment Unit NM-9000.A_047 and NM-128.A_11 Dissolved Copper, Mercury and Total Recoverable Aluminum 4B Demonstration" was prepared and submitted by LANL's Environmental Compliance Division (available at <a href="https://www.env.nm.gov/surface-water-quality/303d-305b/">https://www.env.nm.gov/surface-water-quality/303d-305b/</a> ). Accordingly, the associated aluminum, copper, and mercury listings in this AU are noted as IR Category 4b.
13020201	Rio Grande-Santa Fe	NM-128.A_11	Sandia Canyon (within LANL below Sigma Canyon)	3.4	MILES	20.6.4.128	Mercury, Total	2006	2020	Other pollution control requirements (4b)	This AU_Parameter pair is still impaired, and an IR Category 4B demonstration was developed since the last listing cycle.	The 2018 IR noted copper listing was inadvertently left off the 2018 IR -- it has been added. Available LANL and NMED DOE OB 2015-2019 data for all current impairments were downloaded from Intelius and assessed. All 2018 IR listing conclusions were confirmed (total mercury, TR AI, PCBs, copper, and adjusted gross alpha). A third party IR Category 4b demonstration entitled "Sandia Canyon Assessment Unit NM-9000.A_047 and NM-128.A_11 Dissolved Copper, Mercury and Total Recoverable Aluminum 4B Demonstration" was prepared and submitted by LANL's Environmental Compliance Division (available at <a href="https://www.env.nm.gov/surface-water-quality/303d-305b/">https://www.env.nm.gov/surface-water-quality/303d-305b/</a> ). Accordingly, the associated aluminum, copper, and mercury listings in this AU are noted as IR Category 4b.
13020201	Rio Grande-Santa Fe	NM-128.A_11	Sandia Canyon (within LANL below Sigma Canyon)	3.4	MILES	20.6.4.128	Copper, Dissolved	2018	2020	Other pollution control requirements (4b)	This AU_Parameter pair is still impaired, and an IR Category 4B demonstration was developed since the last listing cycle.	The 2018 IR noted copper listing was inadvertently left off the 2018 IR -- it has been added. Available LANL and NMED DOE OB 2015-2019 data for all current impairments were downloaded from Intelius and assessed. All 2018 IR listing conclusions were confirmed (total mercury, TR AI, PCBs, copper, and adjusted gross alpha). A third party IR Category 4b demonstration entitled "Sandia Canyon Assessment Unit NM-9000.A_047 and NM-128.A_11 Dissolved Copper, Mercury and Total Recoverable Aluminum 4B Demonstration" was prepared and submitted by LANL's Environmental Compliance Division (available at <a href="https://www.env.nm.gov/surface-water-quality/303d-305b/">https://www.env.nm.gov/surface-water-quality/303d-305b/</a> ). Accordingly, the associated aluminum, copper, and mercury listings in this AU are noted as IR Category 4b.
13020202	Jemez	NM-2105_75	Jemez River (Zia Pueblo bnd to Jemez Pueblo bnd)	2.15	MILES	20.6.4.106	Sedimentation/Siltation	2016	2020	Data and/or information lacking to determine WQ status; original basis for listing was incorrect		The 2016 sedimentation listing is incorrect. The LRBS_NOR threshold for Xeric is -2.5. Therefore, the sedimentation listing was removed.
13020101	Upper Rio Grande	NM-2120.A_410	Rio Pueblo (Picuris Pueblo bnd to headwaters)	20.44	MILES	20.6.4.123	Nutrients	2012	2020	Applicable WQS attained; based on new data		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.
11080006	Upper Canadian-Ute	NM-2303_10	Pajarito Creek (Perennial prt Canadian R to Vigil Canyon)	28.73	MILES	20.6.4.303	Temperature	2018	2020	TMDL Approved or established by EPA (4a)	This AU_Parameter pair is still impaired, and TMDLs were approved or assigned since the last listing cycle.	
13010005	Conejos	NM-2120.A_903	Canada Tio Grande (Rio San Antonio to headwaters)	10.58	MILES	20.6.4.123	Nutrients	2014	2020	Applicable WQS attained; based on new data		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.
13020101	Upper Rio Grande	NM-2120.A_512	Rio Fernando de Taos (R Pueblo d Taos to USFS bnd at can)	5.21	MILES	20.6.4.123	Nutrients	2012	2020	Applicable WQS attained; based on new data		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).

HUC EIGHT	HUC EIGHT NAME	AU_ID	AU_NAME	WATER SIZE	SIZE UNIT	WQS REFERENCE	DELISTED CAUSE	CYCLE FIRST LISTED	CYCLE DELISTED	DELISTING REASON	DELISTING NOTE	2020 IR ASSESSMENT RATIONALE
13020101	Upper Rio Grande	NM-2120.A_512	Rio Fernando de Taos (R Pueblo d Taos to USFS bnd at can	5.21	MILES	20.6.4.123	Sedimentation/Siltation	2012	2020	Applicable WQS attained; based on new data		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).
11080001	Canadian Headwater	NM-2305.B_20	Lake Maloya	115.54	ACRES	20.6.4.312	Mercury - Fish Consumption Advisory	2018	2020	Applicable WQS attained; original basis for listing was incorrect		The Mercury - Fish Consumption Advisory should not have been added back to the list for the reasons given in the 2010 Assessment Rationale (ROD). It has been removed.
13060011	Upper Pecos-Black	NM-2206.A_01	Pecos River (Brantley Reservoir to Rio Penasco)	12.89	MILES	20.6.4.206	PCBS - Fish Consumption Advisory	2010	2020	Applicable WQS attained; based on new data		There are no longer DDT or PCB fish consumption advisories that cover this AU. Therefore, these listings were removed.
13060011	Upper Pecos-Black	NM-2206.A_01	Pecos River (Brantley Reservoir to Rio Penasco)	12.89	MILES	20.6.4.206	DDT - Fish Consumption Advisory	2010	2020	Applicable WQS attained; based on new data		There are no longer DDT or PCB fish consumption advisories that cover this AU. Therefore, these listings were removed.
13060007	Upper Pecos-Long A	NM-2206.A_02	Pecos River (Rio Penasco to Eagle Creek)	13.67	MILES	20.6.4.206	DDT - Fish Consumption Advisory	2010	2020	Applicable WQS attained; based on new data		There are no longer DDT or PCB fish consumption advisories that cover this AU. Therefore, these listings were removed.
13060007	Upper Pecos-Long A	NM-2206.A_02	Pecos River (Rio Penasco to Eagle Creek)	13.67	MILES	20.6.4.206	PCBS - Fish Consumption Advisory	2010	2020	Applicable WQS attained; based on new data		There are no longer DDT or PCB fish consumption advisories that cover this AU. Therefore, these listings were removed.
13020101	Upper Rio Grande	NM-2119_05	Rio Grande (Red River to CO border)	29.2	MILES	20.6.4.122	pH	2004	2020	Applicable WQS attained; based on new data		Sampled as part of the URG 2017-2018 survey. There were 0/9 pH exceedences. Thermograph data document continued temperature impairment. There were 1/3 acute TR aluminum exceedences at the station above the Rio Grande (0/4 at the station at Chilo). Therefore, temperature remains, and pH was removed. Aluminum was added as a parameter of concern.
13020201	Rio Grande-Santa Fe	NM-2111_00	Rio Grande (Cochiti Reservoir to San Ildefonso bnd)	18.2	MILES	20.6.4.114	Aluminum, Dissolved	2016	2020	Applicable WQS attained; based on new data		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)	18.2	MILES	20.6.4.114	Cyanide, Total Recoverable	2016	2020	Applicable WQS attained; based on new data		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)	18.2	MILES	20.6.4.114	PCBS - Fish Consumption Advisory	2006	2020	Applicable WQS attained; based on new data		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.
13020101	Upper Rio Grande	NM-2119_30	Rio Pueblo de Taos (Arroyo del Alamo to R Grande del Ran	5.46	MILES	20.6.4.122	Sedimentation/Siltation	2018	2020	TMDL Approved or established by EPA (4a)	This AU_Parameter pair is still impaired, and TMDLs were approved or assigned since the last listing cycle.	Sampled as part of the 2017-2018 URG survey. Assessable data submitted from Amigos Bravos were collated into the assessment dataset. TN and TP medians and delta DO exceeded applicable thresholds. Thermograph data document temperature impairment. Level One sedimentation thresholds were exceeded (no Level Two data were collected). Therefore, nutrients and temperature remain listed, and sedimentation was re-listed.
13020101	Upper Rio Grande	NM-2120.A_501	Rio Grande del Rancho (R Pueblo de Taos to Rito de la Olla	10.57	MILES	20.6.4.123	Nutrients	2012	2020	Applicable WQS attained; based on new data		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.
14080104	Animas	NM-9000.B_006	Lake Farmington (Beeline Reservoir)	211.32	ACRES	20.6.4.409	PCBS - Fish Consumption Advisory	2016	2020	Applicable WQS attained; based on new data		There is no longer a fish consumption advisory (FCA) for PCBs based on 2018 fish tissue data; the mercury FCA listing remains. Sampled as part of the SR watershed 2017-2018 survey. No impairments were found. Therefore, the FCA listing for PCBs was removed, and the mercury FCA remains.
11080001	Canadian Headwater	NM-2305.A_252	East Fork Chitorica Creek (Chitorica Creek to headwaters)	8.17	MILES	20.6.4.98	E. coli	2018	2020	TMDL Approved or established by EPA (4a)	This AU_Parameter pair is still impaired, and TMDLs were approved or assigned since the last listing cycle.	

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11080001	Canadian Headwater	NM-9000.A_019	Tinaja Creek (West Fork Tinaja Creek to headwaters)	21.25	MILES	20.6.4.98	E. coli	2018	2020	TMDL Approved or established by EPA (4a)	This AU_Parameter pair is still impaired, and TMDLs were approved or assigned since the last listing cycle.	
13020102	Rio Chama	NM-2112.A_00	Rio Vallecitos (Rio Tusas to headwaters)	36.77	MILES	20.6.4.115	Nutrients	2016	2020	Applicable WQS attained, according to new assessment method		Re-assessed 2016 IR nutrient listing using current nutrient listing methodology. The measured TP median (0.045 mg/L) did not exceed the applicable 0.061 mg/L threshold. The measured delta DO (3.2 mg/L) did not exceed the applicable 4.08 threshold. Therefore, nutrients was removed as a cause of impairment.
13010005	Conejos	NM-2120.A_901	Rio San Antonio (Montoya Canyon to headwaters)	20.87	MILES	20.6.4.123	Dissolved oxygen		2020	Applicable WQS attained; based on new data		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.
14080101	Upper San Juan	NM-2401_00	San Juan River (Animas River to Canon Largo)	25.94	MILES	20.6.4.408	E. coli	2006	2020	Applicable WQS attained; based on new data		Sampled as part of the 2017-2018 URG survey. Assessable EPA data were collated into the dataset. A protocol for sedimentation of NM's boatable rivers is under development for the 2022 listing cycle. Until then, sedimentation will remain listed. There were 1/22 E. coli exceedences. Therefore, E. coli was removed and sedimentation remains.
13020101	Upper Rio Grande	NM-99.A_005	Unnamed Arroyo (Rio Pueblo de Taos to Taos WWTP)	2.8	MILES	20.6.4.98	Nutrients	2012	2020	WQS no longer applicable		Sampled as part of the 2017-2018 URG survey. Assessable data from Amigos Bravos were collated into the assessment dataset. No impairments were identified. The nutrient assessment protocol is only applicable to perennial waters. This AU is no longer perennial. Therefore, the nutrient listing was removed. The downstream receiving water remains listed for nutrients.