

HUC EIGHT	HUC EIGHT NAME	AU_ID	AU_NAME	AU IR CATEGORY	WATER SIZE	SIZE UNIT	WQS REFERENCE	IMPAIRED DESIGNATED USE	CAUSE_NAME	PARAMETER (Cause) IR CATEGORY	STATUS	2022 IR ASSESSMENT RATIONALE
												NMED utilized all data from this AU within the most recent five years to acquire the minimum number of data points for assessment. Surface water quality data were downloaded from LANL's EIM database and/or provided by request from LANL. NMED documented 3/5 exceedances of the 5.0 ug/L Wildlife Habitat total recoverable selenium criterion. As a result, NMED added total recoverable selenium as a cause of non-support for Wildlife Habitat within this AU. No exceedances of the acute aquatic life use criterion occurred within the most recent three years of data, and chronic aquatic life use criteria do not apply to those AUs with a designated Limited Aquatic Life Use (20.6.4.128 NMAC). There were 1/5 exceedances of the Livestock Watering use for radium 226+228 and 0/6 exceedances of the 0.77 ug/L Wildlife Habitat total mercury criterion, respectively. The CALM delisting criteria for these uses states that "for any one pollutant, [there must be] no exceedance of the criterion" for delisting to occur. As a result, NMED retained the listing for radium (226 + 228) and removed total mercury as a cause of non-support for Wildlife Habitat within this AU.
13020101	Upper Rio Grande	NM-9000_A_006	Los Alamos Canyon (NM-4 to DP Canyon)	5/5C	3.08	MILES	20.6.4.128	Wildlife Habitat	Selenium, Total Recoverable	5/5C	303(d) List (no TMDL in place)	
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	Temperature	5/5A	303(d) List (no TMDL in place)	Season-long thermograph deployments during the 2017-2018 survey resulted in exceedances of both the GT3 and Max Temp criteria. Temperature impairment was erroneously missed in the 2020-2022 List. Temperature added as a cause of non-support for the 2022-2024 List.
13030101	Caballo	NM-2103_A_51	Las Animas Ck (perennial prt R Grande to Animas Gulch)	5/5A	12.93	MILES	20.6.4.103	Marginal Coldwater Aquatic Life	Temperature	5/5A	303(d) List (no TMDL in place)	Monitored during Lower Rio Grande survey 2019-2020. Temp LTD=NS (partial dataset, assessable for non-support only. Marginal exceedance of GT3, as well as marginal exceedances of tmax on more than one day). Temperature impairment added.
13030202	Mimbres	NM-2804_40	Mimbres R (Perennial reaches Cooney Cyn to headwaters)	5/5A	12.6	MILES	20.6.4.807	High Quality Coldwater Aquatic Life	Temperature	5/5A	303(d) List (no TMDL in place)	Monitored during Gila/Mimbres/San Fran survey 2019-2020. Temp LTD=NS (partial dataset assessable for NS only, multiple day exc of tmax, and 4T3 >20°C). Temperature impairment added.
13060001	Pecos Headwaters	NM-2214_A_062	Carpenter Creek (Pecos River to headwaters)	5/5C	2.59	MILES	20.6.4.217	High Quality Coldwater Aquatic Life	Benthic Macroinvertebrates	5/5C	303(d) List (no TMDL in place)	Monitored during Upper Pecos survey 2019-2020 probabilistic component. Sedimentation/siltation assessment indicated NS, BMI assessment (mountain ecoregion) indicated NS, however this small stream is possibly a spring. Need more information to determine if surface water assessment assessment protocols appropriate for this water body.
13060001	Pecos Headwaters	NM-2214_A_062	Carpenter Creek (Pecos River to headwaters)	5/5C	2.59	MILES	20.6.4.217	High Quality Coldwater Aquatic Life	Sedimentation/Siltation	5/5C	303(d) List (no TMDL in place)	Monitored during Upper Pecos survey 2019-2020 probabilistic component. Sedimentation/siltation assessment indicated NS, BMI assessment (mountain ecoregion) indicated NS, however this small stream is possibly a spring. Need more information to determine if surface water assessment assessment protocols appropriate for this water body.
13060001	Pecos Headwaters	NM-2214_A_102	Cow Creek (Bull Creek to headwaters)	5/5C	24.84	MILES	20.6.4.217	High Quality Coldwater Aquatic Life	Benthic Macroinvertebrates	5/5C	303(d) List (no TMDL in place)	Monitored during Upper Pecos survey 2019-2020. Temp LTD= NS (Pathfinder Environmental 2019-2020)= FS (season-long datasets, neither 4T3 nor tmax exceeded). Temperature impairment removed. BMI assessment indicates NS, not enough information to determine the specific pollutant of concern or cause of this response=5C.
13060001	Pecos Headwaters	NM-2214_A_090	Cow Creek (Pecos River to Bull Creek)	5/5C	16.1	MILES	20.6.4.217	High Quality Coldwater Aquatic Life	Benthic Macroinvertebrates	5/5C	303(d) List (no TMDL in place)	Monitored during Upper Pecos survey 2019-2020. Temp LTD= NS (exc of 4T3 criterion 2019 and 2020, multi-day exc of tmax). Temperature impairment retained. BMI assessment indicates NS, not enough information to determine the specific pollutant of concern or cause of this response=5C.
13060001	Pecos Headwaters	NM-2214_A_021	Doctor Creek (Holy Ghost Creek to headwaters)	5/5C	3.72	MILES	20.6.4.217	High Quality Coldwater Aquatic Life	Benthic Macroinvertebrates	5/5C	303(d) List (no TMDL in place)	Monitored during Upper Pecos survey 2019-2020. BMI assessment indicates NS, not enough information to determine the specific pollutant of concern or cause of this response=5C. Sedimentation/siltation assessment=FS.
13060001	Pecos Headwaters	NM-2212_01	El Porvenir Creek (Gallinas River to SFNF bnd)	5/5C	2.68	MILES	20.6.4.215	High Quality Coldwater Aquatic Life	Benthic Macroinvertebrates	5/5C	303(d) List (no TMDL in place)	Monitored during Upper Pecos survey 2019-2020. BMI assessment indicates NS, not enough information to determine the specific pollutant of concern or cause of this response=5C. Temp LTD=FS (season-long dataset 2019, partial dataset 2020, neither 4T3 nor tmax exceeded). Temperature impairment removed.
13060001	Pecos Headwaters	NM-2212_05	El Porvenir Creek (SFNF bnd to Hollinger Canyon)	5/5A	4.89	MILES	20.6.4.215	High Quality Coldwater Aquatic Life	Dissolved oxygen	5/5A	303(d) List (no TMDL in place)	Monitored during Upper Pecos survey 2019-2020. Temp LTD=NS (exc 4T3 in 2020, multi-day exc of tmax in 2020). Temperature impairment added. DO LTD=NS (2020 dataset resulted in multiple 4-h excursions below 6.0 mg/L criterion). DO impairment added.
13060001	Pecos Headwaters	NM-2212_05	El Porvenir Creek (SFNF bnd to Hollinger Canyon)	5/5A	4.89	MILES	20.6.4.215	High Quality Coldwater Aquatic Life	Temperature	5/5A	303(d) List (no TMDL in place)	Monitored during Upper Pecos survey 2019-2020. Temp LTD=NS (exc 4T3 in 2020, multi-day exc of tmax in 2020). Temperature impairment added. DO LTD=NS (2020 dataset resulted in multiple 4-h excursions below 6.0 mg/L criterion). DO impairment added.
13060001	Pecos Headwaters	NM-2214_A_103	Elk Creek (Cow Creek to headwater)	5/5C	2.91	MILES	20.6.4.217	High Quality Coldwater Aquatic Life	Benthic Macroinvertebrates	5/5C	303(d) List (no TMDL in place)	Monitored during Upper Pecos survey 2019-2020 probabilistic component. N=1 (not assessed) for most parameters. BMI assessment indicates NS, not enough information to determine the specific pollutant of concern or cause of this response=5C.
13060001	Pecos Headwaters	NM-2212_00	Gallinas River (Las Vegas Diversion to USFS bnd)	5/5C	8.2	MILES	20.6.4.215	High Quality Coldwater Aquatic Life	Benthic Macroinvertebrates	5/5C	303(d) List (no TMDL in place)	Monitored during Upper Pecos survey 2019-2020. Temp LTD=confirmed NS, temperature impairment remains. BMI assessment indicates NS, not enough information to determine the specific pollutant of concern or cause of this response=5C.
13060001	Pecos Headwaters	NM-2213_23	Gallinas River (Pecos Arroyo to Las Vegas Diversion)	5/5A	11.1	MILES	20.6.4.220	Marginal Coldwater Aquatic Life	Dissolved oxygen	5/5A	303(d) List (no TMDL in place)	Monitored during Upper Pecos survey 2019-2020. DO LTD=NS. Nutrient assessment=FS (TN and TP site medians below thresholds). DO LTD=NS (assessable dataset during 2020 growing season indicates frequent excursions below the 6.0 mg/L criterion for four hours or more in duration). DO impairment added.
13060001	Pecos Headwaters	NM-2213_21	Gallinas River (Perennial prt Aguilar Creek to Pecos Arroyo)	5/5A	42.6	MILES	20.6.4.220	Primary Contact	E. coli	5/5A	303(d) List (no TMDL in place)	Monitored during Upper Pecos survey 2019-2020. 3/12 E. coli exc=NS. E. coli impairment added. Temp LTD=NS (confirms temperature impairment). Nutrient assessment indicated NS (TP and Delta-DO thresholds exceeded, and minimum DO below criterion). Nutrient impairment retained. Turbidity grab data assessment confirmed impairment (= 4 samples in same calendar year, = 21-days apart = 4 consecutive measurements > 7 NTU). Turbidity impairment retained.
13060001	Pecos Headwaters	NM-2212_02	Gallinas River (USFS bnd to headwaters)	5/5C	9.86	MILES	20.6.4.215	High Quality Coldwater Aquatic Life	Benthic Macroinvertebrates	5/5C	303(d) List (no TMDL in place)	Monitored during Upper Pecos survey 2019-2020 probabilistic component. N=1 (not assessed) for most parameters. BMI assessment indicates NS, not enough information to determine the specific pollutant of concern or cause of this response=5C.
13060001	Pecos Headwaters	NM-2214_A_072	Indian Creek (Pecos River to headwaters)	5/5A	6.63	MILES	20.6.4.217	High Quality Coldwater Aquatic Life	Specific Conductance	5/5A	303(d) List (no TMDL in place)	Monitored during Upper Pecos survey 2019-2020. Specific Conductance LTD=NS (71% of 2019 and 73% of 2020 continuous sonde measurements exceeded the HCQCW criterion of 300 us/cm). Specific conductance impairment added.
13060001	Pecos Headwaters	NM-2214_A_060	Panchuela Creek (Pecos River to headwaters)	5/5C	7.68	MILES	20.6.4.217	High Quality Coldwater Aquatic Life	Benthic Macroinvertebrates	5/5C	303(d) List (no TMDL in place)	Monitored during Upper Pecos survey 2019-2020 probabilistic component. N=1 (not assessed) for most parameters. BMI assessment indicates NS, not enough information to determine the specific pollutant of concern or cause of this response=5C.
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	Benthic Macroinvertebrates	5/5C	303(d) List (no TMDL in place)	Monitored during Upper Pecos survey 2019-2020. Temp LTD (Pathfinder Environmental 2019-2020)= NS (season-long datasets, exceeded 4T3 and tmax). Temperature impairment retained. BMI assessment indicates NS, not enough information to determine the specific pollutant of concern or cause of this response=5C.

13060001	Pecos Headwaters	NM-2214.A_003	Pecos River (Canon de Manzanita to Alamitos Canyon)	5/5A	5.74	MILES	20.6.4.217	High Quality Coldwater Aquatic Life	Dissolved oxygen	5/5A	303(d) List (no TMDL in place)	Monitored during Upper Pecos survey 2019-2020. Temp LTD=NS (exc 4T3 in 2019 and 2020, multi-day exc of tmax in 2020). Temperature impairment retained. DO LTD=NS (2020 dataset resulted in multiple 4 h excursions below 6.0 mg/L criterion). No indication of nutrient cause (TN and TP site medians below thresholds). DO impairment added.
13060001	Pecos Headwaters	NM-2213_02	Pecos River (Cow Creek to Canon de Manzanita)	5/5A	20.07	MILES	20.6.4.216	Marginal Coldwater Aquatic Life	Benthic Macroinvertebrates	5/5C	303(d) List (no TMDL in place)	Monitored during Upper Pecos survey 2019-2020. Turbidity grab data indicates NS (= 4 samples in same calendar year, = 21-days apart = 4 consecutive measurements > 7 NTU). Turbidity impairment added (5C, need sonde data to confirm). BMI assessment indicates NS, not enough information to determine the specific pollutant of concern or cause of this response=5C. 6/6 exc of chloride segment specific criteria of 5 mg/L (all flows >10 cfs), therefore chloride impairment added.
13060001	Pecos Headwaters	NM-2213_02	Pecos River (Cow Creek to Canon de Manzanita)	5/5A	20.07	MILES	20.6.4.216	Irrigation	Chloride	5/5A	303(d) List (no TMDL in place)	Monitored during Upper Pecos survey 2019-2020. Turbidity grab data indicates NS (= 4 samples in same calendar year, = 21-days apart = 4 consecutive measurements > 7 NTU). Turbidity impairment added (5C, need sonde data to confirm). BMI assessment indicates NS, not enough information to determine the specific pollutant of concern or cause of this response=5C. 6/6 exc of chloride segment specific criteria of 5 mg/L (all flows >10 cfs), therefore chloride impairment added.
13060001	Pecos Headwaters	NM-2213_02	Pecos River (Cow Creek to Canon de Manzanita)	5/5A	20.07	MILES	20.6.4.216	Marginal Coldwater Aquatic Life	Turbidity	5/5C	303(d) List (no TMDL in place)	Monitored during Upper Pecos survey 2019-2020. Turbidity grab data indicates NS (= 4 samples in same calendar year, = 21-days apart = 4 consecutive measurements > 7 NTU). Turbidity impairment added (5C, need sonde data to confirm). BMI assessment indicates NS, not enough information to determine the specific pollutant of concern or cause of this response=5C. 6/6 exc of chloride segment specific criteria of 5 mg/L (all flows >10 cfs), therefore chloride impairment added.
13060001	Pecos Headwaters	NM-2214.A_000	Pecos River (Jack's Creek to headwaters)	5/5C	14.66	MILES	20.6.4.217	High Quality Coldwater Aquatic Life	Benthic Macroinvertebrates	5/5C	303(d) List (no TMDL in place)	Monitored during Upper Pecos survey 2019-2020. BMI assessment indicates NS, not enough information to determine the specific pollutant of concern or cause of this response=5C.
13060001	Pecos Headwaters	NM-2211.A_10	Pecos River (Santa Rosa Reservoir to Tecolote Creek)	5/5A	54.28	MILES	20.6.4.211	Marginal Warmwater Aquatic Life	Nutrients	5/5A	303(d) List (no TMDL in place)	Monitored during Upper Pecos survey 2019-2020. Nutrient assessment=NS (TP and Delta-DO thresholds excs, min DO < criterion). Nutrient impairment added. 3/6 E. coli exc=NS. E. coli impairment retained.
13060001	Pecos Headwaters	NM-2211.A_00	Pecos River (Sumner Reservoir to Santa Rosa Reservoir)	5/5A	54.52	MILES	20.6.4.211	Primary Contact	E. coli	5/5A	303(d) List (no TMDL in place)	Monitored during Upper Pecos survey 2019-2020. Nutrient impairment confirmed and retained (maximum daily delta-DO >site class threshold). 2/10 E. coli exc=NS. E. coli impairment added.
13060001	Pecos Headwaters	NM-2213_00	Pecos River (Tecolote Creek to Villanueva State Park)	5/5A	19.46	MILES	20.6.4.216	Marginal Coldwater Aquatic Life	Aluminum, Total Recoverable	5/5A	303(d) List (no TMDL in place)	Monitored during Upper Pecos survey 2019-2020. 2/8 E. coli exc=NS. E. coli impairment added. Turbidity LTD=NS (3, 4, 5, 6, and 7-day turbidity duration thresholds excs during 2019 deployment). Turbidity impairment added. 6/6 excs of chloride segment specific criteria of 5 mg/L (all flows >10 cfs). Chloride impairment added. Total aluminum acute (2/6) criteria exc. Total aluminum impairment added. Temp LTD=FS (Fully assessable dataset in 2020, no excs tmax). Temperature impairment removed.
13060001	Pecos Headwaters	NM-2213_00	Pecos River (Tecolote Creek to Villanueva State Park)	5/5A	19.46	MILES	20.6.4.216	Irrigation	Chloride	5/5A	303(d) List (no TMDL in place)	Monitored during Upper Pecos survey 2019-2020. 2/8 E. coli exc=NS. E. coli impairment added. Turbidity LTD=NS (3, 4, 5, 6, and 7-day turbidity duration thresholds excs during 2019 deployment). Turbidity impairment added. 6/6 excs of chloride segment specific criteria of 5 mg/L (all flows >10 cfs). Chloride impairment added. Total aluminum acute (2/6) criteria exc. Total aluminum impairment added. Temp LTD=FS (Fully assessable dataset in 2020, no excs tmax). Temperature impairment removed.
13060001	Pecos Headwaters	NM-2213_00	Pecos River (Tecolote Creek to Villanueva State Park)	5/5A	19.46	MILES	20.6.4.216	Primary Contact	E. coli	5/5A	303(d) List (no TMDL in place)	Monitored during Upper Pecos survey 2019-2020. 2/8 E. coli exc=NS. E. coli impairment added. Turbidity LTD=NS (3, 4, 5, 6, and 7-day turbidity duration thresholds excs during 2019 deployment). Turbidity impairment added. 6/6 excs of chloride segment specific criteria of 5 mg/L (all flows >10 cfs). Chloride impairment added. Total aluminum acute (2/6) criteria exc. Total aluminum impairment added. Temp LTD=FS (Fully assessable dataset in 2020, no excs tmax). Temperature impairment removed.
13060001	Pecos Headwaters	NM-2213_00	Pecos River (Tecolote Creek to Villanueva State Park)	5/5A	19.46	MILES	20.6.4.216	Marginal Coldwater Aquatic Life	Turbidity	5/5A	303(d) List (no TMDL in place)	Monitored during Upper Pecos survey 2019-2020. 2/8 E. coli exc=NS. E. coli impairment added. Turbidity LTD=NS (3, 4, 5, 6, and 7-day turbidity duration thresholds excs during 2019 deployment). Turbidity impairment added. 6/6 excs of chloride segment specific criteria of 5 mg/L (all flows >10 cfs). Chloride impairment added. Total aluminum acute (2/6) criteria exc. Total aluminum impairment added. Temp LTD=FS (Fully assessable dataset in 2020, no excs tmax). Temperature impairment removed.
13060001	Pecos Headwaters	NM-2213_01	Pecos River (Villanueva State Park to Cow Creek)	5/5A	20.01	MILES	20.6.4.216	Irrigation	Chloride	5/5A	303(d) List (no TMDL in place)	Monitored during Upper Pecos survey 2019-2020. 2/8 E. coli exc=NS. E. coli impairment added. Turbidity LTD=NS (3 and 7-day turbidity duration thresholds excs during the 2019 deployment). Turbidity impairment added. 6/6 excs of chloride segment specific criteria of 5 mg/L (all flows >10 cfs). Chloride impairment added.
13060001	Pecos Headwaters	NM-2213_01	Pecos River (Villanueva State Park to Cow Creek)	5/5A	20.01	MILES	20.6.4.216	Primary Contact	E. coli	5/5A	303(d) List (no TMDL in place)	Monitored during Upper Pecos survey 2019-2020. 2/8 E. coli exc=NS. E. coli impairment added. Turbidity LTD=NS (3 and 7-day turbidity duration thresholds excs during the 2019 deployment). Turbidity impairment added. 6/6 excs of chloride segment specific criteria of 5 mg/L (all flows >10 cfs). Chloride impairment added.
13060001	Pecos Headwaters	NM-2213_01	Pecos River (Villanueva State Park to Cow Creek)	5/5A	20.01	MILES	20.6.4.216	Marginal Coldwater Aquatic Life	Turbidity	5/5A	303(d) List (no TMDL in place)	Monitored during Upper Pecos survey 2019-2020. 2/8 E. coli exc=NS. E. coli impairment added. Turbidity LTD=NS (3 and 7-day turbidity duration thresholds excs during the 2019 deployment). Turbidity impairment added. 6/6 excs of chloride segment specific criteria of 5 mg/L (all flows >10 cfs). Chloride impairment added.
13060001	Pecos Headwaters	NM-2211.B_00	Santa Rosa Reservoir	5/5A	1225.22	ACRES	20.6.4.225	Coolwater Aquatic Life	Nutrients	5/5A	303(d) List (no TMDL in place)	Monitored during Upper Pecos survey 2019-2020. Nutrient assessment: TN and TP threshold excs, in separate samples. DO criterion exc 2/4 samples, Chl-a threshold exc 1/4 samples. Therefore, conclusion is non-support for aquatic life due to nutrients. Nutrients added as a cause of impairment.
13060001	Pecos Headwaters	NM-2211.B_00	Santa Rosa Reservoir	5/5A	1225.22	ACRES	20.6.4.225	Marginal Warmwater Aquatic Life	Nutrients	5/5A	303(d) List (no TMDL in place)	Monitored during Upper Pecos survey 2019-2020. Nutrient assessment: TN and TP threshold excs, in separate samples. DO criterion exc 2/4 samples, Chl-a threshold exc 1/4 samples. Therefore, conclusion is non-support for aquatic life due to nutrients. Nutrients added as a cause of impairment.
13060001	Pecos Headwaters	NM-2211.5_00	Storrie Lake	5/5C	502.16	ACRES	20.6.4.214	Warmwater Aquatic Life	PCBs - Fish Consumption Advisory	5/5C	303(d) List (no TMDL in place)	Monitored during Upper Pecos survey 2019-2020. The fish consumption advisory for mercury is still in effect, and there are documented mercury levels in 2021 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). There is a current fish consumption advisory for PCBs. Therefore, the Mercury - Fish Consumption Advisory listing remains and PCBs - Fish Consumption Advisory was added.

												Monitored during Upper Pecos survey 2019-2020. The fish consumption advisory for mercury is still in effect, and there are documented mercury levels in 2021 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). There is a current fish consumption advisory for PCBs. Therefore, the Mercury - Fish Consumption Advisory listing remains and PCBs - Fish Consumption Advisory was added.
13060001	Pecos Headwaters	NM-2211.5_00	Storie Lake	5/5C	502.16	ACRES	20.6.4.214	Coldwater Aquatic Life	PCBs - Fish Consumption Advisory	5/5C	303(d) List (no TMDL in place)	
13060001	Pecos Headwaters	NM-2212_10	Tecolote Creek (I-25 to Blue Creek)	5/5A	22.68	MILES	20.6.4.230	Coolwater Aquatic Life	Benthic Macroinvertebrates	5/5C	303(d) List (no TMDL in place)	Monitored during Upper Pecos survey 2019-2020. 3/9 E. coli excs =NS. E. coli impairment added. Temp LTD=NS (multi-day excs of tmax in 2019 and 2020). Temperature impairment retained. BMI assessment indicates NS, not enough information to determine the specific pollutant of concern or cause of this response=5C. Nutrients assessment: TN, TP, and Delta-DO thresholds not exceeded; however, minimum DO was exceeded during two separate logger deployments. Therefore, nutrients are retained as a cause of impairment.
13060001	Pecos Headwaters	NM-2212_10	Tecolote Creek (I-25 to Blue Creek)	5/5A	22.68	MILES	20.6.4.230	Primary Contact	E. coli	5/5A	303(d) List (no TMDL in place)	Monitored during Upper Pecos survey 2019-2020. 3/9 E. coli excs =NS. E. coli impairment added. Temp LTD=NS (multi-day excs of tmax in 2019 and 2020). Temperature impairment retained. BMI assessment indicates NS, not enough information to determine the specific pollutant of concern or cause of this response=5C. Nutrients assessment: TN, TP, and Delta-DO thresholds not exceeded; however, minimum DO was exceeded during two separate logger deployments. Therefore, nutrients are retained as a cause of impairment.
13060001	Pecos Headwaters	NM-2214.A_030	Willow Creek (Pecos River to headwaters)	5/5A	5.89	MILES	20.6.4.217	High Quality Coldwater Aquatic Life	Sedimentation/Siltation	5/5A	303(d) List (no TMDL in place)	Monitored during Upper Pecos survey 2019-2020. Full sedimentation survey performed at the bottom of the AU (not within the constructed portion of the channel) yielded 45.71% SAFN and LRBS -NOR -1.25 (Mountain Sed Site Class). Sedimentation/siltation was added as a cause impairment. Specific conductance criteria was exceeded 6/8 times. In the specific conductance LTD dataset 73% of 2019 and 78% of 2020 continuous sonde measurements exceeded the HQCW criterion of 300 us/cm. Specific conductance remains as a cause of impairment.
15040001	Upper Gila	NM-2503_22	Diamond Ck (Perennial prt East Fork Gila R to Bailey Ck)	5/5C	13.3	MILES	20.6.4.503	High Quality Coldwater Aquatic Life	Benthic Macroinvertebrates	5/5C	303(d) List (no TMDL in place)	Monitored during Gila/Mimbres/San Fran survey 2019-2020, probabilistic portion. N=1 for most parameters (NA). BMI assessment indicates NS, not enough information to determine the specific pollutant of concern or cause of this response=5C. Sedimentation/siltation assessment=FS. WQS review of HQCWAL needed.
15040001	Upper Gila	NM-2503_48	Gilita Creek (Perennial reaches abv Willow Creek)	5/5B	6.65	MILES	20.6.4.503	High Quality Coldwater Aquatic Life	Temperature	5/5B	303(d) List (no TMDL in place)	Monitored during Gila/Mimbres/San Fran survey 2019-2020. Temp LTD=NS (2019 and 2020, 4T3 exc and multiple days excs of tmax). Temperature impairment added. Total aluminum chronic criteria exc (1/2), parameter cat 3C.
15040001	Upper Gila	NM-2503_31	Little Creek (West Fork Gila River to headwaters)	5/5A	17.11	MILES	20.6.4.503	High Quality Coldwater Aquatic Life	Temperature	5/5A	303(d) List (no TMDL in place)	Monitored during Gila/Mimbres/San Fran survey 2019-2020. Temp LTD=NS (partial dataset, assessable for non-support only. Multiple days tmax exc, and 4T3 greater than 20°C). Temperature impairment added. Total aluminum chronic and acute criteria (both 1/3exc), parameter cat 3C.
15040002	Upper Gila-Mangas	NM-2503_01	Bear Creek (Gila River nr Cliff to headwaters)	5/5B	33.65	MILES	20.6.4.502	Marginal Coldwater Aquatic Life	Temperature	5/5B	303(d) List (no TMDL in place)	Monitored during Gila/Mimbres/San Fran survey 2019-2020. Temp LTD=non support. WQS review of Marginal Coldwater ALU suggested prior to TMDL development, 5B, 1/3 E. coli exc, param cat 3C.
15040002	Upper Gila-Mangas	NM-2503_01	Bear Creek (Gila River nr Cliff to headwaters)	5/5B	33.65	MILES	20.6.4.502	Warmwater Aquatic Life	Temperature	5/5B	303(d) List (no TMDL in place)	Monitored during Gila/Mimbres/San Fran survey 2019-2020. Temp LTD=non support. WQS review of Marginal Coldwater ALU suggested prior to TMDL development, 5B, 1/3 E. coli exc, param cat 3C.
15040002	Upper Gila-Mangas	NM-2502.A_21	Mangas Creek (Gila River to Mangas Springs)	5/5A	6.86	MILES	20.6.4.502	Primary Contact	E. coli	5/5A	303(d) List (no TMDL in place)	Monitored during Gila/Mimbres/San Fran survey 2019-2020. Nutrients: Median TN exceeded threshold, nutrient impairment retained. Temp LTD=NS (partial dataset assessable for NS only, multiple day excs of SSC 28°C tmax). Temperature impairment retained. 3/4 E. coli exc=NS. E. coli impairment added.
15040004	San Francisco	NM-2603.A_20	Mineral Creek (Silver Creek to headwaters)	5/5C	15.85	MILES	20.6.4.603	High Quality Coldwater Aquatic Life	Temperature	5/5C	303(d) List (no TMDL in place)	Monitored during Gila/Mimbres/San Fran survey 2019-2020. Temp LTD=NS (2019 and 2020 multiple day exc of tmax, and 4T3 >20°C). Temp logger was placed at the very end of perennial reach. Temperature impairment added with 5C (more data needed from further upstream where Gila Trout are present) prior to TMDL development.
15040004	San Francisco	NM-2601_01	Mule Creek (San Francisco R to Mule Springs)	5/5C	11.74	MILES	20.6.4.601	Marginal Coldwater Aquatic Life	Nutrients	5/5A	303(d) List (no TMDL in place)	Monitored during Gila/Mimbres/San Fran survey 2019-2020. Nutrients assessment=NS (TP site median above threshold and daily Delta DO excs). Dissolved oxygen impairment indicates nutrient response. Nutrient impairment added and dissolved oxygen impairment removed to clarify cause of impairment.
15040004	San Francisco	NM-2603.A_45	North Fork Negrito Creek (Negrito Creek to headwaters)	5/5B	16.36	MILES	20.6.4.603	High Quality Coldwater Aquatic Life	Temperature	5/5B	303(d) List (no TMDL in place)	Monitored during Gila/Mimbres/San Fran survey 2019-2020. Temp LTD=NS (multiple days of excs of tmax, and 4T3 >20°C). Temperature impairment added. HQCWAL use may not be attainable; WQS review needed.
15040004	San Francisco	NM-2601_10	San Francisco River (Box Canyon to Whitewater Creek)	5/5A	6.15	MILES	20.6.4.601	Primary Contact	E. coli	5/5A	303(d) List (no TMDL in place)	Monitored during Gila/Mimbres/San Fran survey 2019-2020. 2/5 E. coli exc= NS. E. coli impairment added.
15040004	San Francisco	NM-2602_20	San Francisco River (Centerfire Creek to AZ border)	5/5A	15.18	MILES	20.6.4.602	Coldwater Aquatic Life	Sedimentation/Siltation	5/5A	303(d) List (no TMDL in place)	Monitored during Gila/Mimbres/San Fran survey 2019-2020. Temp=NS (multiple days with max temp greater than 25°C). Temperature impairment remains. Sedimentation/siltation=NS (31.4% SAFN, LRBS -NOR -1.33). Sedimentation/siltation impairment added. BMI assessment indicates NS, not enough information to determine the specific pollutant of concern or cause of this response, therefore remains 5C.
15040004	San Francisco	NM-2602_10	San Francisco River (NM 12 at Reserve to Centerfire Creek)	5/5A	16.29	MILES	20.6.4.602	Coldwater Aquatic Life	Benthic Macroinvertebrates	5/5C	303(d) List (no TMDL in place)	Monitored during Gila/Mimbres/San Fran survey 2019-2020. 0/6 E. coli exc= FS. E. coli impairment will be removed. Temp LTD=NS (multiple days with max temp greater than 25°C). Temperature impairment remains. Turbidity LTD=NS (3, 4, 5, 6 and 7-day turbidity duration thresholds exc during 2019 deployment). Turbidity impairment retained. BMI assessment indicates NS, not enough information to determine the specific pollutant of concern or cause of this response=5C.
15040004	San Francisco	NM-2601_21	San Francisco River (Pueblo Ck to Willow Springs Cyn)	5/5B	22.78	MILES	20.6.4.601	Marginal Coldwater Aquatic Life	Temperature	5/5B	303(d) List (no TMDL in place)	Monitored during Gila/Mimbres/San Fran survey 2019-2020. Temp LTD=NS (Multiple day exc of tmax in 2019 dataset). Temperature impairment added. CWAL may not be attainable; WQS review needed.1/3 E. coli exc, param. Cat. 3C. 1/3 total aluminum chronic criterion exc=3C.
15040004	San Francisco	NM-2601_20	San Francisco River (Whitewater Ck to Pueblo Ck)	5/5A	14.97	MILES	20.6.4.601	Marginal Coldwater Aquatic Life	Temperature	5/5A	303(d) List (no TMDL in place)	Monitored during Gila/Mimbres/San Fran survey 2019-2020. Temp LTD=NS (multiple day exc of tmax in 2019 dataset). Temperature impairment added. Sedimentation/siltation assessment=FS for Level 1 and Level 2 (24% SAFN, LRBS -0.48). Sedimentation/siltation impairment removed. 1/2 E. coli exc, param. Cat. 3C.
15040004	San Francisco	NM-2601_22	San Francisco River (Willow Springs Cyn to NM 12 at Reserve)	5/5A	10.86	MILES	20.6.4.601	Marginal Coldwater Aquatic Life	Temperature	5/5A	303(d) List (no TMDL in place)	Monitored during Gila/Mimbres/San Fran survey 2019-2020. Temp LTD=NS (multiple day exc of tmax in 2020 dataset). Temperature impairment added.
15040004	San Francisco	NM-2603.A_61	Stone Creek (San Francisco R to AZ border)	5/5B	1.67	MILES	20.6.4.603	High Quality Coldwater Aquatic Life	Temperature	5/5B	303(d) List (no TMDL in place)	Monitored during Gila/Mimbres/San Fran survey 2019-2020. Temp LTD= NS (datasets from 2016, 2019 and 2020 w/ multiple day tmax excs, and 4T3 >20°C). Temperature impairment added (5B). Temperature WQC is under review.