
2024-2026
State of New Mexico
Clean Water Act
§303(d)/§305(b)
Integrated Report

Appendix B
Designated Use Attainment Status,
Cause, and Probable Source
Summary Tables



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Table B-1: Designated Use Attainment Status Summary for Streams/Rivers

<i>Designated Use</i>	<i>Total Size (mi)</i>	<i>Size Assessed (mi)</i>	<i>Size Fully Supporting (mi)</i>	<i>Size Not Supporting (mi)</i>	<i>Size Not Assessed (mi)</i>
Coldwater Aquatic Life	837.78	650.99	148.16	502.83	186.79
Coolwater Aquatic Life	355.55	261.11	45.14	215.97	94.44
High Quality Coldwater Aquatic Life	2815.61	2662.22	774.28	1887.94	153.39
Limited Aquatic Life	270.14	100.06	26.19	73.87	170.08
Marginal Coldwater Aquatic Life	1019.26	971.74	217.16	754.58	47.52
Marginal Warmwater Aquatic Life	2772.12	1446.87	643.3	803.57	1325.25
Warmwater Aquatic Life	1684.8	1390.18	759.02	631.16	294.62
Primary Contact	8153.97	5266.94	3858.1	1408.84	2887.03
Secondary Contact	512.86	237.25	237.25	0	275.61
Domestic Water Supply	2966.2	2502.87	2489.98	12.89	463.33
Irrigation	6657.59	5638.39	5578.11	60.28	1019.2
Livestock Watering	8666.33	5872.15	5749.7	122.45	2794.18
Wildlife Habitat	8666.83	6078.82	5995.13	83.69	2588.01
Fish Culture*	1413.64	--	--	--	1413.64
Industrial Water Supply*	428.51	--	--	--	428.51
Public Water Supply*	776.46	--	--	--	775.09

* = All Fish Culture, Public Water Supply, and Industrial Water Supply designated uses are defaulted to “Not Assessed” because no numeric criteria apply uniquely to these uses per 20.6.4.900.A NMAC.

Table B-2: Designated Use Attainment Status Summary for Lakes/Reservoirs

<i>Designated Use</i>	<i>Total Size (acres)</i>	<i>Size Assessed (acres)</i>	<i>Size Fully Supporting (acres)</i>	<i>Size Not Supporting (acres)</i>	<i>Size Not Assessed (acres)</i>
Coldwater Aquatic Life	25822.69	25748.96	3108.63	22640.33	73.73
Coolwater Aquatic Life	1953.62	1877.43	0	1877.43	76.19
High Quality Coldwater Aquatic Life	2359.58	2108.55	57.64	2050.91	251.03
Marginal Coldwater Aquatic Life	249.46	154.47	154.47	0	94.99
Marginal Warmwater Aquatic Life	25522.29	1251.78	15.14	1236.64	24270.51
Warmwater Aquatic Life	48066.48	46633.32	13748.98	32884.34	1433.16
Primary Contact	84432.36	55606.51	55606.51	0	28825.85
Secondary Contact	910.73	389.13	389.13	0	521.6
Domestic Water Supply	2976.68	2080.6	2080.6	0	896.08
Irrigation	5345.27	4104.92	4104.92	0	1240.35
Irrigation Storage	46191.89	44589.35	44589.35	0	1602.54
Livestock Watering	85320.46	56285.58	56285.58	0	29034.88
Wildlife Habitat	85343.09	61466.23	61466.23	0	23876.86
Fish Culture*	36.38	--	--	--	36.38
Industrial Water Supply*	18862.33	--	--	--	18862.33
Public Water Supply*	32606.8	--	--	--	32606.8 85

* = All Fish Culture, Public Water Supply, and Industrial Water Supply designated uses are defaulted to “Not Assessed” because no numeric criteria apply uniquely to these uses per 20.6.4.900.A NMAC.

Table B-3: Cause Summary for Stream/River Water Quality Impairments

<i>Cause Name (GROUP CAUSE NAME in BOLD)</i>	<i>Total Size (miles)</i>
AMMONIA	37.25
Ammonia, Total	37.25
CAUSE UNKNOWN - IMPAIRED BIOTA	331.48
Benthic Macroinvertebrates	331.48
FISH CONSUMPTION ADVISORY	109.24
DDT - Fish Consumption Advisory	109.24
HYDROLOGIC ALTERATION	255.38
Flow Regime Modification	255.38
MERCURY	119.39
Mercury - Fish Consumption Advisory	94.79
Mercury, Total	24.6
METALS (OTHER THAN MERCURY)	1229.65
Aluminum, Dissolved	16.38
Aluminum, Total Recoverable	731.58
Arsenic, Dissolved	39.32
Copper, Dissolved	55.78
Lead, Dissolved	9.6
Sedimentation/Siltation	332.7
Selenium, Total Recoverable	42.19
Silver, Dissolved	2.1
NUTRIENTS	1327.15
Nutrients	1296.91
Phosphorus, Total	30.24
ORGANIC ENRICHMENT/OXYGEN DEPLETION	275.79
Dissolved oxygen	275.79
PATHOGENS	1408.84
E. coli	1408.84
PH/ACIDITY/CAUSTIC CONDITIONS	66.63
pH	66.63
POLYCHLORINATED BIPHENYLS (PCBS)	300.67
PCBS - Fish Consumption Advisory	88.86
Polychlorinated Biphenyls (PCBs)	211.81
RADIATION	142.57
Gross Alpha, Adjusted	130.97

<i>Cause Name (GROUP CAUSE NAME in BOLD)</i>	<i>Total Size (miles)</i>
Radium	11.6
SALINITY/TOTAL DISSOLVED SOLIDS/CHLORIDES/SULFATES	339.4
Specific Conductance	265.98
Sulfate	36.71
Total Dissolved Solids (TDS)	36.71
SEDIMENT	12.16
Sedimentation	12.16
TEMPERATURE	2538.04
Temperature	2538.04
TOXIC INORGANICS	45.21
Boron, Dissolved	22.56
Cyanide, Total Recoverable	22.65
TURBIDITY	787.43
Turbidity	787.43

Table B-4: Cause Summary for Lake/Reservoir Water Quality Impairments

<i>Cause Name (GROUP CAUSE NAME in BOLD)</i>	<i>Total Size (acres)</i>
FISH CONSUMPTION ADVISORY	1736.82
DDT - Fish Consumption Advisory	1736.82
MERCURY	51865
Mercury - Fish Consumption Advisory	51865
METALS (OTHER THAN MERCURY)	325.93
Aluminum, Total Recoverable	92.95
Arsenic, Dissolved	232.98
NUTRIENTS	10299.73
Nutrients	10299.73
ORGANIC ENRICHMENT/OXYGEN DEPLETION	3.82
Dissolved oxygen	3.82
PH/ACIDITY/CAUSTIC CONDITIONS	325.35
pH	325.35
POLYCHLORINATED BIPHENYLS (PCBS)	22099.14
PCBS - Fish Consumption Advisory	22099.14
TEMPERATURE	18273.66
Temperature	18273.66

Table B-5: Probable Source Summary for Stream/River Water Quality Impairments*

<i>Probable Source Name (GROUP SOURCE NAME in BOLD)</i>	<i>Total Size (miles)</i>
AGRICULTURE	4074.29
Animal Feeding Operations (Nps)	88.78
Animal Shows and Racetracks	7.35
Confined Animal Feeding Operations - Cafos (Point Source)	91.68
Crop Production (Dry Land)	384.49
Crop Production (Irrigated)	560.29
Livestock (Grazing or Feeding Operations)	346
Rangeland Grazing	2595.7
CONSTRUCTION	235.35
Road/Bridge/Infrastructure Construction	56.91
Site Clearance (New Development or Infill)	178.44
HABITAT ALTERATIONS (NOT DIRECTLY RELATED TO HYDROMODIFICATION)	914.94
Habitat Modification	209.59
Loss of Riparian Habitat	705.35
HYDROLOGIC ALTERATION	3212.79
Baseflow Depletion	121.67
Channelization	776.2
Dam or Impoundment	556.72
Dredging for Navigation Channels	100.56
Streambank Modifications/Destabilization	1071.51
Water Diversions	586.13
MUNICIPAL DISCHARGES/SEWAGE	1546.83
Municipal Point Source Discharges	385.49
On-site Treatment Systems (Septic)	1161.34
NATURAL/WILDLIFE	3190.33
Drought-related Impacts	858.29
Natural Sources	271.49
Waterfowl	1047.23
Wildlife Other than Waterfowl	1013.32
OTHER	1169.3
Low Water Crossing	578.28
Rural (Residential Areas)	591.02
RECREATION AND TOURISM (NON-BOATING)	596.78

<i>Probable Source Name (GROUP SOURCE NAME in BOLD)</i>	<i>Total Size (miles)</i>
Off-road Vehicles	29.5
Recreational Pollution Sources	567.28
RESOURCE EXTRACTION	95.36
Abandoned Mine Lands	21.31
Mine Tailings	45.42
Petroleum/Natural Gas Activities	26.5
Surface Mining	2.13
SILVICULTURE (FORESTRY)	836.67
Forest Roads (Road Construction and Use)	98.53
Silviculture Activities	276.84
Silviculture Fire Suppression	115.83
Silviculture Harvesting	19.01
Watershed Runoff following Forest Fire	326.46
SPILLS/DUMPING	272.4
Illegal Dumps or Other Inappropriate Waste Disposal	272.4
UNKNOWN	3481.09
Source Unknown	3481.09
URBAN-RELATED RUNOFF/STORMWATER	2552.13
Impervious Surface/Parking Lot Runoff	579.88
MS4 Discharges	68.51
Municipal (High Density Area)	74.41
Road/Bridge Runoff	1410.73
Urban Runoff/Storm Sewers	96.39
Wastes from Pets	322.21

Table B-6: Probable Source Summary for Lake/Reservoir Water Quality Impairments *

<i>Probable Source Name (GROUP SOURCE NAME in BOLD)</i>	<i>Total Size (acres)</i>
UNKNOWN	82618.16
Source Unknown	82618.16

NOTES: These tables were generated using SQUID. In most instances, more than a single cause or probable source of water quality impairment **is present** in any assessment unit (AU). When AUs have more than one cause or source of impairment, the associated AU Size is tallied in each cause or probable source category

* As reported in EPA-approved TMDLs. To date New Mexico has written one lake TMDL, hence the brief probable source summary for this water type.