

List of State-Specific Water Quality Standards for Turbidity

The following is a list of existing state and tribal water quality standards for turbidity that can be used by CGP operators to help them determine if they are eligible to request approval for an alternate turbidity benchmark under CGP Part 3.3.2.b. CGP Part 3.3.2.b includes an allowance for an operator to make the case for using an alternate turbidity benchmark that is higher than the default 50 NTU threshold benchmark. Part 3.3.2.b.i provides that at any time prior to or during permit coverage the operator may request that EPA approve a benchmark for the site that is higher than 50 NTUs if the operator has information demonstrating the higher number is equivalent to the receiving water's water quality standard for turbidity.

To make such a request, the operator is required to submit the following to the applicable EPA Regional Office:

- The current turbidity water quality standard that applies to the receiving water and the relevant citation. Operators can use the list of turbidity water quality standards and citations contained in this document to comply with this part of the requirement. Operators may also wish to their own search for applicable turbidity standards at EPA's [State-Specific Water Quality Standards Effective under the Clean Water Act \(CWA\) webpage](#).
- Include data that can be used to establish the natural turbidity levels of the receiving water (including literature studies or available government data) if the applicable turbidity standard requires information on natural or background turbidity levels.

This document does not impose any new legally binding requirements on EPA, states, tribes, territories, or the regulated community, and does not confer legal rights or impose legal obligations upon any member of the public. In the event of a conflict between this document and any statute, regulation, or permit, this document would not be controlling.

Area of Coverage	Turbidity Water Quality Standard
Bad River Band of Lake Superior Chippewa	<p data-bbox="581 1171 1317 1234"><i>Part E (7)(iii), Bad River Band of the Lake Superior Tribe of Chippewa Indians Water Quality Standards</i></p> <p data-bbox="581 1266 1419 1394">Shall not exceed 5 NTU over natural background turbidity when the background turbidity is 50 NTU or less, or turbidity shall not increase more than 10 percent when the background turbidity is more than 50 NTU.</p>
Big Pine Paiute Tribe of the Owens Valley	<p data-bbox="581 1419 1341 1482"><i>Section VI(t) and Table 8, Water Quality Standards Big Pine Indian Reservation</i></p> <p data-bbox="581 1514 1406 1642">Waters shall be free of changes in turbidity that cause nuisance or adversely affect the water for beneficial uses. Increases in turbidity shall not exceed natural levels by more than 10 percent.</p> <p data-bbox="581 1673 1398 1864">Municipal and Domestic Supply (MUN): Waters designated as MUN shall not contain concentrations of chemical constituents in excess of the maximum contaminant level (MCL) or secondary maximum contaminant level (SMCL) based upon drinking water standards specified in the following provisions: Turbidity 5 NTU.</p>

Area of Coverage	Turbidity Water Quality Standard
Bishop Paiute Tribe	<p data-bbox="586 233 1308 262"><i>Part 3.5.1, Bishop Paiute Tribe Water Quality Control Plan</i></p> <p data-bbox="586 296 1390 422">Turbidity Waters shall be free of changes in turbidity that cause nuisance or adversely affect the designated uses. Increases in turbidity shall not exceed natural levels by more than 10 percent.</p>
Coeur D'Alene Tribe of Indians	<p data-bbox="586 443 1406 506"><i>Provisions 5(5), 19(1)(a), 19(4)(a)(iv), Water Quality Standards for Approved Surface Waters of the Coeur D'Alene Tribe</i></p> <p data-bbox="586 539 1289 602"><i>Provisions 5(5):</i> Turbidity shall not be at a level to impair designated uses or aquatic biota.</p> <p data-bbox="586 606 1390 764"><i>Provision 19(1)(a):</i> Domestic Water Supply: Turbidity shall not exceed 1 NTU (Nephelometric turbidity unit) over natural background levels when the natural background turbidity is 10 NTU or less or have more than 10 percent increase in turbidity when the natural background level is more than 10 NTU.</p> <p data-bbox="586 768 1406 926"><i>Provision 19(4)(a)(iv):</i> Aquatic Life Uses Turbidity (Bull Trout and Cutthroat Trout): Turbidity shall not exceed 5 NTU over natural background levels when the natural background turbidity is 50 NTU or less, or have more than a 10 percent increase in turbidity when the natural background level is more than 50 NTU.</p>

Area of Coverage	Turbidity Water Quality Standard
Colorado	<p data-bbox="586 233 1365 289"><i>Section 31.11.1, Regulation No. 31 – The Basic Standards and Methodologies for Surface Water</i></p> <p data-bbox="586 327 1419 646">31.11. All surface waters of the state are subject to the following basic standards; however, discharge of substances regulated by permits which are within those permit limitations shall not be a basis for enforcement proceedings under these basic standards: (1) Except where authorized by permits, BMPs, 401 certifications, or plans of operation approved by the Division or other applicable agencies, state surface waters shall be free from substances attributable to human-caused point source or nonpoint source discharge in amounts, concentrations or combinations which:</p> <p data-bbox="586 653 1419 1066">(a) for all surface waters except wetlands; (i) can settle to form bottom deposits detrimental to the beneficial uses. Depositions are stream bottom buildup of materials which include but are not limited to anaerobic sludges, mine slurry or tailings, silt, or mud; or (ii) form floating debris, scum, or other surface materials sufficient to harm existing beneficial uses; or (iii) produce color, odor, or other conditions in such a degree as to create a nuisance or harm existing beneficial uses or impart any undesirable taste to significant edible aquatic species or to the water; or (iv) are harmful to the beneficial uses or toxic to humans, animals, plants, or aquatic life; or (v) produce a predominance of undesirable aquatic life; or (vi) cause a film on the surface or produce a deposit on shorelines; and</p> <p data-bbox="586 1073 1419 1262">(b) for surface waters in wetlands; (i) produce color, odor, changes in pH, or other conditions in such a degree as to create a nuisance or harm water quality dependent functions or impart any undesirable taste to significant edible aquatic species of the wetland; or (ii) are toxic to humans, animals, plants, or aquatic life of the wetland.</p>
Commonwealth of Northern Mariana Islands	<p data-bbox="586 1283 1406 1314"><i>Part 400, § 65-130-435, Chapter 65-130: Water Quality Standards</i></p> <p data-bbox="586 1346 1341 1440">(a) Turbidity at any point, as measured by nephelometric turbidity units (NTU), shall not exceed 0.5 NTU over ambient conditions except when due to natural conditions. AA, 1</p> <p data-bbox="586 1446 1386 1503">(b) Turbidity values (NTU) at any point shall not exceed 1.0 NTU over ambient conditions. A, 2</p>

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<p>Confederated Salish and Kootenai Tribes of the Flathead Reservation</p>	<p><i>Section 1.3, Surface Water Quality Standards and Antidegradation Policy</i></p> <p><i>Section 1.3.5(3)(d):</i> A-closed waters: No increase above naturally occurring turbidity is allowed.</p> <p><i>Section 1.3.6(3)(d):</i> A-1 waters: No increase above naturally occurring turbidity is allowed.</p> <p><i>Section 1.3.7(3)(d):</i> B-1 waters: The maximum allowable increase above naturally occurring turbidity is 5 nephelometric turbidity units.</p> <p><i>Section 1.3.8(3)(d):</i> B-2 waters: The maximum allowable increase above naturally occurring turbidity is 10 nephelometric turbidity units.</p> <p><i>Section 1.3.9(3)(d):</i> B-3 waters: The maximum allowable increase above naturally occurring turbidity is 10 nephelometric turbidity units.</p> <p><i>Section 1.3.10(3)(d):</i> C-1 waters: The maximum allowable increase above naturally occurring turbidity is 5 nephelometric turbidity units.</p> <p><i>Section 1.3.11(3)(d):</i> C-2 waters: The maximum allowable increase above naturally occurring turbidity is 10 nephelometric turbidity units.</p> <p><i>Section 1.3.12(3)(d):</i> C-3 waters: The maximum allowable increase above naturally occurring turbidity is 10 nephelometric turbidity units.</p>
<p>Confederated Tribes of the Chehalis Reservation</p>	<p><i>Section 4, Confederated Tribes of the Chehalis Reservation Surface Water Quality Standards</i></p> <p><i>Section 4(1)(c)(vi):</i> Class AA waters: Turbidity shall not exceed 5. NTU over background turbidity when the background turbidity is 50 NTU or less, or have more than a 10 percent increase in turbidity when the background turbidity is more than 50 NTU.</p> <p><i>Section 4(2)(c)(vi):</i> Class A waters: Turbidity shall not exceed 5. NTU over background turbidity when the background turbidity is 50 NTU or less, or have more than a 10 percent increase in turbidity when the background turbidity is more than 50 NTU.</p> <p><i>Section 4(3)(c)(vi):</i> Class B class waters: Turbidity shall not exceed 10 NTU over background turbidity when the background turbidity is 50 NTU or less, or have more than a 20 percent increase in turbidity when the background turbidity is more than 50 NTU.</p>

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<p>Confederated Tribes of the Colville Reservation</p>	<p>40 CFR § 131.35, Code of Federal Regulations Colville Confederated Tribes Indian Reservation</p> <p>131.35(f)(1)(ii)(F): Class I waters: Turbidity shall not exceed 5 NTU over background turbidity when the background turbidity is 50 NTU or less, or have more than a 10 percent increase in turbidity when the background turbidity is more than 50 NTU.</p> <p>131.35(f)(2)(ii)(F): Class II waters: Turbidity shall not exceed 5 NTU over background turbidity when the background turbidity is 50 NTU or less, or have more than a 10 percent increase in turbidity when the background turbidity is more than 50 NTU.</p> <p>131.35(f)(3)(ii)(F): Class III waters: Turbidity shall not exceed 10 NTU over background turbidity when the background turbidity is 50 NTU or less, or have more than a 20 percent increase in turbidity when the background turbidity is more than 50 NTU.</p> <p>131.35(f)(4)(ii)(E): Class IV waters: Turbidity shall not exceed 10 NTU over background turbidity when the background turbidity is 50 NTU or less, or have more than a 20 percent increase in turbidity when the background turbidity is more than 50 NTU.</p> <p>131.35(f)(5)(ii)(F): Lake Class: Turbidity shall not exceed 5 NTU over natural conditions.</p> <p>131.35(f)(6)(iii)(G): Special Resource Water Class (SRW): Turbidity shall not exceed 5 NTU over natural conditions.</p>
<p>Confederated Tribes of the Umatilla Indian Reservation</p>	<p>Section G, 5(d), Confederated Tribes of the Umatilla Indian Reservation Water Quality Standards, Beneficial Uses, and Treatment Criteria</p> <p>(1) Shall not be at a level to potentially impair designated beneficial uses or aquatic biota.</p> <p>(2) More than a ten per cent cumulative increase in natural stream turbidities as measured relative to a control point immediately upstream of any or all turbidity causing activities will not be allowed.</p> <p>(3) Limited duration activities necessary to address an emergency or to accommodate permitted dredging, construction or other legitimate activities which cause the standard to be exceeded may be authorized if all practicable turbidity control techniques have been applied and one of the following has been granted.</p> <p>(a) Emergency activities: approval by the Tribes under prescribed conditions to accommodate a response to emergencies or to protect public health and welfare.</p> <p>(b) Dredging, Construction or other Legitimate Activities: Permit or certification authorized under Section 401 or 404 {Permits and Licenses, Federal Water Pollution Control Act}, and the Tribes' Streamzone Alteration Regulations with limitations and conditions governing the activity set forth in the permit or certificate</p>

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Confederated Tribes of the Warm Springs Reservation	<p data-bbox="586 233 1403 323"><i>Chapter 432, Section 432.100 (2)(c), Confederated Tribes of the Warm Springs Indian Reservation of Oregon Water Quality Standards, Beneficial Uses and Treatment Criteria</i></p> <p data-bbox="586 363 1411 940">No more than a ten percent cumulative increase in natural stream turbidities shall be allowed, as measured relative to a control point immediately upstream of any or all turbidity-causing activity(ies). However, limited duration activities necessary to address an emergency or to accommodate essential dredging, construction or other legitimate activities and which cause the standard to be exceeded may be authorized provided all practicable turbidity control techniques have been applied and one of the following has been granted: (A) Emergency activities: Approval by Tribe under conditions they may prescribe to accommodate response to emergencies or to protect public health and welfare; (B) Dredging, Construction or other Legitimate Activities: Permit or certification authorized under terms of Section 401 or 404 (Permits and Licenses, Federal Water Pollution Control Act), and Tribal Hydraulic Permit Application (HPA), with limitations and conditions governing the activity set forth in the permit or certificate.</p>
Delaware	<p data-bbox="586 957 1341 987"><i>Title 7, Section 4.5.5., 7401 Surface Water Quality Standards</i></p> <p data-bbox="586 1024 1406 1115">Turbidity Measured as Nephelometric or Formazin Turbidity Units, in all waters of the State shall not exceed natural levels by more than 10 units.</p>
Eastern Band of Cherokee Indians	<p data-bbox="586 1136 1333 1199"><i>Sections 4 and 5, Eastern Band of Cherokee Indians Water Quality Standards: Administrative Rules</i></p> <p data-bbox="586 1236 1401 1356">4.1.5.: Surface Waters: The turbidity in the receiving water shall not exceed 50 Nephelometric Turbidity Units (NTU) in waters not designated as CAH and 10 NTU in waters designated CAH or PWS.</p> <p data-bbox="586 1394 1401 1457">5.2.4.: For public water supply use: Turbidity: No substances shall be added to increase the turbidity above 10 NTU.</p> <p data-bbox="586 1495 1390 1585">5.4.3.: Cold water Aquatic Habitat Turbidity: The turbidity in the receiving water shall not exceed 10 NTU in streams, lakes and reservoirs.</p>

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<p>Hopi Tribe</p>	<p><i>Chapter 3, Section 3.101(G) and Appendix A, Table A-1, Hopi Water Quality Standards</i></p> <p>Turbidity: Turbidity attributable to other than natural causes shall not reduce light transmission to a point at which aquatic biota are inhibited or to a point that causes an unaesthetic and substantial visible contrast with the natural appearance of the water.</p> <p>Warmwater Habitat (Aquatic and Wildlife): Variable (≤ 50 NTU for rivers, streams, or other flowing waters; ≤ 25 NTU for lakes, reservoirs, and ponds)</p> <p>Ephemeral (Aquatic and Wildlife): Variable (≤ 50 NTU for rivers, streams, or other flowing waters; ≤ 25 NTU for lakes, reservoirs, and ponds)</p> <p>Domestic Water Source and Groundwater Recharge: 25 NTU</p> <p>Primary Contact Ceremonial: 25 NTU</p> <p>Full Body Contact: 25 NTU</p>

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<p>Island of American Samoa</p>	<p>§24.0206, American Samoa Water Quality Standards</p> <p>§24.0206(k): Fresh surface waters. The following standards apply specifically to all fresh surface waters of the territory: Median not to exceed 5 NTU; Not to exceed more than 10% of the time 8 NTU; Not to exceed more than 2% 12 NTU.</p> <p>§24.0206(l): The following standards apply to all embayments except Pago Pago Harbor, Fagatele Bay and Pala Lagoon: Median not to exceed 0.35 NTU; Not to exceed more than 10% of the time 0.45 NTU; Not to exceed more than 2% of the time 0.60 NTU.</p> <p>§24.0206(m): The following standards apply specifically to Pago Pago Harbor: Median not to exceed 0.75 NTU; Not to exceed more than 10% of the time 1.0 NTU; Not to exceed more than 2% of the time 1.5 NTU.</p> <p>§24.0206(n): The following standards apply specifically to Fagatele Bay and Pala Lagoon: Median not to exceed 0.25 NTU (Fagatele Bay) and 0.75 NTU (Pala Lagoon); Not to exceed more than 10% of the time 0.35 NUT (Fagatele Bay) and 1.5 NTU (Pala Lagoon); Not to exceed more than 2% of the time 0.50 NTU (Fagatele Bay) and 2.5 NTU (Pala Lagoon).</p> <p>§24.0206(o): The following apply specifically to open coastal waters: Median not to exceed 0.25 NTU; Not to exceed more than 10% of the time 0.35 NTU; Not to exceed more than 2% of the time 0.45 NTU.</p> <p>§24.0206(p): The following apply specifically to ocean waters: Median not to exceed 0.20 NTU; Not to exceed more than 10% of the time 0.29 NTU; Not to exceed more than 2% of the time 0.36 NTU.</p>
<p>Hualapai Indian Tribe</p>	<p>Subtitle 1, Part 1, Chapter 5, Section 504, Hualapai Environmental Review Code</p> <p>The following standards of turbidity shall apply to Tribal waters with the identified designated uses:</p> <p>A. Aquatic and Wildlife (Coldwater Fishery): 10 NTUs; B. Aquatic and Wildlife (Warmwater Fishery): 1. Flowing water: 50 NTUs 2. Standing water: 25 NTUs C. Outstanding Tribal Resource Waters: 10 NTUs</p>

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Kalispel Indian Community	<p data-bbox="581 233 1406 296"><i>Section 12, Water Quality Standards Applicable to waters within the Kalispel Indian Reservation</i></p> <p data-bbox="581 327 1406 457"><i>12(a)(3): Brown Trout Spawning: Turbidity shall not exceed 5 NTU over background turbidity when the background turbidity is 50 NTU or less, or have more than a 10% increase in turbidity when the background turbidity is more than 50 NTU.</i></p> <p data-bbox="581 489 1406 646"><i>12(b)(3): Adult Salmonid Migration: Turbidity shall not exceed 5 NTU over background turbidity when the natural background turbidity is 50 NTU or less, or have more than a 20% increase in turbidity when the natural background turbidity is more than 50 NTU.</i></p>
Kletsel Dehe Wintun Nation	<p data-bbox="581 674 1317 737"><i>Attachment A, Kletsel Dehe Wintun Nation Water Quality Standards</i></p> <p data-bbox="581 768 1417 1150">EPA's surface water treatment rules require systems using surface water or groundwater under the direct influence of surface water to a. Disinfect their water, and b. Filter their water, or c. Meet criteria for avoiding filtration so that the following contaminants are controlled at the following levels: Turbidity: For systems that use conventional or direct filtration, at no time can turbidity (cloudiness of water) go higher than 1 Nephelometric Turbidity Unit (NTU), and samples for turbidity must be less than or equal to 0.3 NTUs in at least 95 percent of the samples in any month. Systems that use filtration other than the conventional or direct filtration must follow state limits, which must include turbidity at no time exceeding 5 NTUs.</p>
Lummi Tribe	<p data-bbox="581 1167 1341 1230"><i>Section 17 LAR 07.030, Water Quality Standards For Surface Waters of the Lummi Indian Reservation</i></p> <p data-bbox="581 1262 1406 1419"><i>17 LAR 07.030(a)(3)(G): Class AA Waters: Turbidity shall not exceed 5 NTU over background turbidity when the background turbidity is 50 NTU or less, or have more than a 10 percent increase in turbidity when the background turbidity is more than 50 NTU.</i></p> <p data-bbox="581 1451 1406 1608"><i>17 LAR 07.030(b)(3)(G): Class A Waters: Class A Waters: Turbidity shall not exceed 5 NTU over background turbidity when the background turbidity is 50 NTU or less, or have more than a 10 percent increase in turbidity when the background turbidity is more than 50 NTU.</i></p> <p data-bbox="581 1640 1406 1776"><i>17 LAR 07.030(c)(3)(G): Class B waters: Turbidity shall not exceed 5 NTU over background turbidity when the background turbidity is 50 NTU or less, or have more than a 20 percent increase in turbidity when the background turbidity is more than 50 NTU.</i></p> <p data-bbox="581 1808 1377 1871"><i>17 LAR 07.030(d)(3)(G): Lakes: Turbidity shall not exceed 5 NTU over background conditions.</i></p>

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<p>Makah Tribe</p>	<p>Part II, Sections 4, 5, and 7, Makah Tribe Water Quality Standards for Surface Waters</p> <p>4.2.f, Table 4: Aquatic Life in Fresh Water: Salmon and trout spawning: Turbidity shall not exceed: (i) 5 NTU over background when the background is 50 NTU or less; or (ii) A 10 percent increase in turbidity when the background turbidity is more than 50 NTU. Salmon and trout rearing and migration: Turbidity shall not exceed: (i) 5 NTU over background when the background is 50 NTU or less; or (ii) A 10 percent increase in turbidity when the background turbidity is more than 50 NTU.</p> <p>5.2.e, Table 9: Aquatic Life in Marine Waters Category: Extraordinary quality waters: Turbidity shall not exceed: (i) 5 NTU over background when the background is 50 NTU or less; or (ii) Have more than a 10 percent increase in turbidity when the background turbidity is more than 50 NTU. Excellent quality waters: Turbidity shall not exceed: (i) 5 NTU over background when the background is 50 NTU or less; or (ii) Have more than a 10 percent increase in turbidity when the background turbidity is more than 50 NTU. Good quality: Turbidity shall not exceed: (i) 10 NTU over background when the background is 50 NTU or less; or (ii) A 20 percent increase in turbidity when the background turbidity is more than 50 NTU.</p> <p>7.3.f.: Recreation: Turbidity shall not exceed 5 NTU over background conditions</p>

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<p>Massachusetts</p>	<p>314 CMR 4.05, Massachusetts Surface Water Quality Standards</p> <p>Inland Water Classes 4.05.3(a)(6): Class A: These waters shall be free from color and turbidity in concentrations or combinations that are aesthetically objectionable or would impair any use assigned to this Class. 4.05.3(b)(6): Class B: These waters shall be free from color and turbidity in concentrations or combinations that are aesthetically objectionable or would impair any use assigned to this Class. 4.05.3(c)(6): Class C: These waters shall be free from color and turbidity in concentrations or combinations that are aesthetically objectionable or would impair any use assigned to this Class.</p> <p>Coastal and Marine Classes 4.05.4(a)(6): Class SA: These waters shall be free from color and turbidity in concentrations or combinations that are aesthetically objectionable or would impair any use assigned to this Class. 4.05.4(b)(6): Class SB: These waters shall be free from color and turbidity in concentrations or combinations that are aesthetically objectionable or would impair any use assigned to this Class. 4.05.4(c)(6): Class SC: These waters shall be free from color and turbidity in concentrations or combinations that are aesthetically objectionable or would impair any use assigned to this Class.</p> <p>Additional Minimum Criteria Applicable to all Surface Waters 4.05.5(a): Aesthetics. All surface waters shall be free from pollutants in concentrations or combinations that settle to form objectionable deposits; float as debris, scum or other matter to form nuisances; produce objectionable odor, color, taste or turbidity; or produce undesirable or nuisance species of aquatic life.</p>
<p>Miccosukee Tribe</p>	<p>Section 4(G), Miccosukee Tribe of Indians of Florida Water Quality Standards</p> <p><i>Class I and III-A Waters</i> shall not reduce light transmission to a point where aquatic biota are inhibited or alter color or natural appearance of the water, and in instance shall the turbidity exceed 29 NTU above natural background conditions at any place or at any time. Turbidity shall not reduce light transmission to a point where aquatic biota are inhibited or alter color or natural appearance of the water.</p> <p><i>In Class III-B waters</i> Turbidity shall not be discharged which result in undesirable aquatic life effects or which result in chronic or acute toxicity to aquatic life.</p>

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New Hampshire	<p data-bbox="586 233 1409 289"><i>Chapter Env-WQ 1700, Part Env-Wq 1703, New Hampshire Code of Administrative Rules</i></p> <p data-bbox="586 327 1377 453"><i>Env-Wq 1703.03(c)(1)(c): All surface waters shall be free from substances in kind or quantity which:... [p]roduce odor, color, taste or turbidity which is not naturally occurring and would render it unsuitable for its designated uses.</i></p> <p data-bbox="586 491 1414 808"><i>Env-Wq 1703.11: Turbidity. (a) Class A waters shall contain no turbidity, unless naturally occurring. (b) Class B waters shall not exceed naturally occurring conditions by more than 10 NTUs. (c) Waters identified in RSA 485-A:8, III shall contain no turbidity of unreasonable kind or quality. (d) For purposes of state enforcement actions, if a discharge causes or contributes to an increase in turbidity of 10 NTUs or more above the turbidity of the receiving water upstream of the discharge or otherwise outside of the visible discharge, a violation of the turbidity standard shall be deemed to have occurred.</i></p>
New Mexico	<p data-bbox="586 821 1377 877"><i>Title 20, Chapter 6, Part 4, 20.6.4.13(J), Standards for Interstate and Intrastate Surface Waters</i></p> <p data-bbox="586 915 1406 1371"><i>Turbidity attributable to other than natural causes shall not reduce light transmission to the point that the normal growth, function or reproduction of aquatic life is impaired or that will cause substantial visible contrast with the natural appearance of the water. Activities or discharges shall not cause turbidity to 20.6.4 NMAC 17 increase more than 10 NTU over background turbidity when the background turbidity, measured at a point immediately upstream of the activity, is 50 NTU or less, nor to increase more than twenty percent when the background turbidity is more than 50 NTU. However, limited-duration turbidity increases caused by dredging, construction or other similar activities may be allowed provided all practicable turbidity control techniques have been applied and all appropriate permits, certifications and approvals have been obtained.</i></p>
Ohkay Owingeh Tribe	<p data-bbox="586 1398 1328 1455"><i>Sections III and IV, Ohkay Owingeh Surface Water Quality Standards</i></p> <p data-bbox="586 1493 1406 1749"><i>Section III, Part G: Turbidity attributable to other than natural causes shall not reduce light transmission to a point where aquatic biota are inhibited or alter color or visibility to a point that causes an unaesthetic and substantial visible contrast with the natural appearance of the water. Specifically, turbidity shall not exceed 5 NTU over background when background turbidity is 50 NTU or less, with no more than a 10 percent increase when background turbidity is more than 50 NTU.</i></p> <p data-bbox="586 1787 1360 1843"><i>Section IV, Part D(2): Primary Contact Ceremonial Use and Designated Water Bodies: Turbidity shall not exceed 25 NTUs.</i></p>

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Oklahoma	<p data-bbox="586 233 1349 291"><i>Title 785, Chapter 45, Section 785:45-5-12 (f)(7), Oklahoma's Water Quality Standards</i></p> <p data-bbox="586 327 1419 453">(A) Turbidity from other than natural sources shall be restricted to not exceed the following numerical limits: (i) Cool Water Aquatic Community/Trout Fisheries: 10 NTUs; (ii) Lakes: 25 NTUs; and (iii) Other surface waters: 50 NTUs.</p> <p data-bbox="586 459 1403 548">(B) In waters where background turbidity exceeds these values, turbidity from point sources shall be restricted to not exceed ambient levels.</p> <p data-bbox="586 554 1419 613">(C) Numerical criteria listed in (A) of this paragraph apply only to seasonal base flow conditions.</p> <p data-bbox="586 619 1378 678">(D) Elevated turbidity levels may be expected during, and for several days after, a runoff event.</p>

<p>Port Gamble S'Klallam Tribe</p>	<p>Sections 5 and 19, Port Gamble S'Klallam Tribe Water Quality Standards for Surface Waters</p> <p>5.5: Turbidity: Turbidity shall not be at a level to potentially impair designated uses or aquatic biota.</p> <p>19(1)(a): Domestic Water Supply. Waters designated for domestic water supply are subject to the following criteria: (a) Turbidity. Turbidity shall not exceed 1 NTU (Nephelometric turbidity unit) over natural background levels when the natural background turbidity is 10 NTU or less, or have more than a 10 percent increase in turbidity when the natural background level is more than 10 NTU. Natural background turbidity for implementing this criteria is to represent the 90th percentile value of the annual average turbidity.</p> <p>19(4)(a)(iv): Aquatic Life Uses Turbidity (Salmon Spawning, Egg Incubation, and Fry Emergence). Turbidity shall not exceed 5 NTU over natural background levels when the natural background turbidity is 50 NTU or less, or have more than a 10 percent increase in turbidity when the natural background level is more than 50 NTD. Natural background turbidity for implementing this criteria is to represent the 90th percentile value of the annual average turbidity</p> <p>19(4)(b)(iv): Aquatic Life Uses Turbidity (Salmon Rearing). Turbidity shall not exceed 5 NTU over natural background levels when the natural background turbidity is 50 NTU or less, or have more than a 10 percent increase in turbidity when the natural background level is more than 50 NTU. Natural background turbidity for implementing this criteria is to represent the 90th percentile value of the annual average turbidity.</p> <p>19(4)(c)(iv): Aquatic Life Uses Turbidity (Cold Water Biota). Turbidity shall not exceed 5 NTU over natural background levels when the natural background turbidity is 50 NTU or less, or have more than a 10 percent increase in turbidity when the natural background level is more than 50 NTU. Natural background turbidity for implementing this criteria is to represent the 90th percentile value of the annual average turbidity.</p> <p>19(4)(d)(iv): Aquatic Life Uses Turbidity (Salmonid and other fish migration, rearing, spawning and harvesting (marine waters)). Turbidity shall not exceed 5 NTU over natural background levels when the natural background turbidity is 50 NTU or less, or have more than a 10 percent increase in turbidity when the natural background level is more than 50 NTH Natural background turbidity for implementing this criteria is to represent the 90th percentile value of the annual average turbidity.</p> <p>19(4)(e)(iv): Aquatic Life Uses Turbidity (Shellfish and crustacean spawning, rearing and harvesting). Turbidity shall not exceed 5</p>
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Area of Coverage	Turbidity Water Quality Standard
	<p>NTU over natural background levels when the natural background turbidity is 50 NTU or less, or have more than a 10 percent increase in turbidity when the natural background level is more Water Quality Standards for Surface Waters Adopted August 13, 2002 Page 31 than 50 NTU. Natural background turbidity for implementing this criteria is to represent the 90th percentile value of the annual average turbidity.</p>
<p>Pueblo of Acoma</p>	<p>Section III, Part G, Pueblo of Acoma Water Quality Standards</p> <p>Turbidity attributable to other than natural causes shall not reduce light transmission to a point at which aquatic biota are inhibited or to a point that causes an unaesthetic and substantial visible contrast with the natural appearance of the water. Specifically, turbidity shall not exceed 5 nephelometric turbidity units (NTU; a measure of turbidity in water) over background when background turbidity is 50 NTU or less or, when background turbidity is more than 50 NTU, no more than a 10 percent increase over background turbidity.</p>
<p>Pueblo of Isleta</p>	<p>Section III, Part G, Pueblo of Isleta Surface Water Quality Standards</p> <p>Turbidity attributable to other than natural causes shall not reduce light transmission to a point where aquatic biota are inhibited or to a point that causes an unaesthetic and substantial visible contrast with the natural appearance of the water. Specifically, turbidity shall not exceed 5 NTU over background when background turbidity is 50 NTU or less, with no more than a 10 percent increase when background turbidity is more than 50 NTU.</p>
<p>Pueblo of Laguna</p>	<p>Chapter 2, Subchapters III and IV, Sections 11-2-31 and 11-2-41, Pueblo of Laguna Code</p> <p>Section 11-2-31 (A)(9): Turbidity shall not reduce light transmission to a point where aquatic biota are inhibited or to a point that causes an unaesthetic and substantial visible contrast with the natural appearance of the water. Specifically, turbidity shall not exceed 5 NTU over background when background turbidity is 50 NTU or less, with no more than a 10% increase when background turbidity is more than 50 NTU</p> <p>Section 11-2-41(G)(4): High Quality Coldwater Fishery Turbidity: 10 NTU</p>

Area of Coverage	Turbidity Water Quality Standard
Pueblo of Nambe	<p>Sections III and IV, Pueblo of Nambe Water Quality Code</p> <p>Section III, Part G: Turbidity attributable to other than natural causes shall not reduce light transmission to the point that the aquatic biota is inhibited or that will cause an unaesthetic and substantial visible contrast with the natural appearance of the water. Turbidity attributable to natural causes is not subject to these standards. Specifically, turbidity shall not exceed 5 NTU over background when background turbidity is 50 NTU or less; there shall not be more than a 10% increase in turbidity when background turbidity is more than 50 NTU.</p> <p>Section IV, B.1(6): High Quality Coldwater Fishery Turbidity: 10 NTU</p> <p>Section IV, B.7(4): Primary Contact 4. Turbidity shall not exceed 25 NTU's.</p>
Pueblo of Picuris	<p>Sections III and IV, Water Quality Code for the Picuris Pueblo</p> <p>Section III, Part G: Turbidity attributable to other than natural causes shall not reduce light transmission to the point that the normal growth, function, or reproduction of aquatic life is impaired or that will cause substantial visible contrast with the natural appearance of the water. Turbidity shall not exceed 5 NTU over natural background when natural background turbidity is 30 NTU or less; there shall not be more than a 10% increase in turbidity when background turbidity is more than is 30 NTU. Background turbidity shall be measured at a point immediately upstream of the turbidity-causing activity. However, limited-duration activities necessary to accommodate dredging, construction or other activities and that cause the criterion to be exceeded may be authorized provided all practicable turbidity control techniques have been applied and all appropriate permits and approvals have been obtained. Written approval from the Tribal Council will require the Environment Department to provide technical background for each permit. For activities that are not regulated under Clean Water Act permits, implementation of the Pueblo of Picuris' approval process will require regulation under Pueblo of Picuris law.</p> <p>Section IV, 2(A)(f): High Quality Coldwater Fishery: Turbidity shall not exceed 10 NTU (25 NTU in certain reaches where natural background prevents attainment of lower turbidity).</p> <p>Section IV, 2(G)(d): Primary Contact: Turbidity shall not exceed 10 NTU'S.</p>

Area of Coverage	Turbidity Water Quality Standard
<p>Pueblo of Pojoaque</p>	<p>Sections III and IV, Pueblo of Pojoaque Water Quality Standards</p> <p><i>Section III, Part G:</i> Turbidity attributable to other than natural causes shall not reduce light transmission to the point that the aquatic biota is inhibited or that will cause an unaesthetic and substantial visible contact with the natural appearance of the water. Turbidity attributable to natural causes is not subject to these codes. Turbidity shall not exceed 5 NTU over background when background turbidity is 50 NTU or less; there shall not be more than a 10% increase in turbidity when background turbidity is more than 50 NTU.</p> <p><i>Section IV, (D)(4):</i> Primary Contact Segments: Turbidity shall not exceed 25 NTU's.</p> <p><i>Section IV, (F)(2)(d):</i> Uses and regulations for the segment of the Rio Pojoaque which passes through the Pueblo of Pojoaque, including all tributaries and branches thereof: In any single sample, turbidity shall be less than 50 NTU.</p> <p><i>Section IV, (G)(2)(d):</i> Uses and regulations for the segment of the Rio Tesuque which passes through the Pueblo of Pojoaque, including all tributaries and branches thereof: In any single sample, turbidity shall be less than 50 NTU.</p> <p><i>Section IV, (H)(2)(d):</i> Uses and regulations for the segment of the Rio Nambe which passes through the Pueblo of Pojoaque, including all tributaries and branches thereof: In any single sample, turbidity shall be less than 50 NTU.</p> <p><i>Section IV, (I)(2)(d):</i> Irrigation Ponds: Uses and criteria for irrigation ponds are designed in support of the goal of the Clean Water Act. It is recognized that these uses may or may not be attainable in each waterbody. Further assessment of waters may result in modifications of uses and/or criteria in future PPWQS revisions.</p>

<p>Pueblo of Sandia</p>	<p>Sections III, IV and V, Pueblo of Sandia Water Quality Standards</p> <p><i>Section III, Part G:</i> Turbidity attributable to other than natural causes shall not reduce light transmission to a point where aquatic biota are inhibited or alter color or visibility to a point that causes an unaesthetic and substantial visible contrast with the natural appearance of the water. Specifically, turbidity shall not exceed 5 NTU over background when background turbidity is 50 NTU or less, with no more than a 10 percent increase when background turbidity is more than 50 NTU.</p> <p><i>Section IV, Part D(3):</i> Primary Contact Ceremonial Use: Turbidity shall not exceed 5 NTU over background when background turbidity is 50 NTU or less, with no more than a 10% increase when background turbidity is more than 50 NTU.</p> <p><i>Section IV, Part E(3):</i> Primary Contact Recreational Use: Turbidity shall not exceed 5 NTU over background when background turbidity is 50 NTU or less, with no more than a 10% increase when background turbidity is more than 50 NTU.</p> <p><i>Section IV, Part F(4):</i> Secondary Contact Recreational Use: Turbidity shall not exceed 5 NTU over background when background turbidity is 50 NTU or less, with no more than a 10% increase when background turbidity is more than 50 NTU.</p> <p><i>Section IV, Part G(3):</i> Agricultural Water Supply Use: Turbidity shall not exceed 5 NTU over background when background turbidity is 50 NTU or less, with no more than a 10% increase when background turbidity is more than 50 NTU.</p> <p><i>Section IV, Part H(6):</i> Fish Culture Use: Turbidity shall not exceed 5 NTU over background when background turbidity is 50 NTU or less, with no more than a 10% increase when background turbidity is more than 50 NTU.</p> <p><i>Section IV, Part I(2):</i> Industrial Water Supply Use: Turbidity shall not exceed 5 NTU over background when background turbidity is 50 NTU or less, with no more than a 10% increase when background turbidity is more than 50 NTU.</p> <p><i>Section IV, Part J(2):</i> Domestic Water Supply Use: Turbidity shall not exceed 5 NTU over background when background turbidity is 50 NTU or less, with no more than a 10% increase when background turbidity is more than 50 NTU.</p> <p><i>Section V, Part A(2)(h):</i> The uses and standards are as follows for the segment of the Rio Grande that passes through the PUEBLO OF SANDIA Reservation, from a northernmost point located in Township 13 North, Range 4 East, Section 3 1, Southeast Quarter of the Northwest Quarter of the Southeast Quarter, to a southernmost point located in Township 11 North, Range 3 East,</p>
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Area of Coverage	Turbidity Water Quality Standard
	<p>Section 3, Northeast Quarter of the Northwest Quarter of the Southwest Quarter, and the following waterways: Albuquerque Main Canal, Bernalillo Acequia, Corrales Main Canal, Sandia Acequia and Wasteway, Alameda Lateral, Bosque Lateral No. 2, and Sandia Lateral No. 2 (Station 426+00 at Albuquerque Main Canal).: Turbidity not to exceed 25 NTU's.</p> <p><i>Section V, Part B(2)(h):</i> The uses and standards are as follows for the following water bodies: Albuquerque Riverside Drain and Extension Bernalillo Interior Drain (Atrisco Feeder) No Name Drain Charlie Teas Lateral Alameda Lateral Sandia Lakes: Turbidity not to exceed 25 NTU's.</p> <p><i>Section V, Part C(2)(d):</i> The uses and standards are as follows for the springs and run-off ponds at the base of Sandia Mountain: Turbidity not to exceed 25 NTU's.</p> <p><i>Section V, Part D(2)(g):</i> The uses and standards are as follows for the Surface Water Ponds/Wetlands in the Pueblo of Sandia Bosque. All wetlands on the PUEBLO OF SANDIA which are not constructed wetlands are considered "waters within the jurisdiction of the PUEBLO OF SANDIA". Wetlands shall be subject to the narrative criteria and applicable antidegradation provisions, as well as site-specific numerical criteria below. Wetlands are generally assumed to provide habitat capable of supporting aquatic biota on an ongoing or periodic basis. It shall be the goal of the PUEBLO OF SANDIA to maintain the water quality of wetlands at naturally occurring levels, within the natural range of variation for the individual wetland. For substances that are not naturally occurring, water quality requirements shall be based on protecting existing uses of the wetland consistent with antidegradation requirements, the Pueblo of Sandia's narrative water quality criteria, criteria assigned to hydrologically-connected surface waters, or appropriate criteria guidance issued by the U.S. Environmental Protection Agency. Natural wetlands shall not be considered as repositories or treatment systems for wastes from human sources.: Turbidity not to exceed 25 NTU's.</p>

Area of Coverage	Turbidity Water Quality Standard
Pueblo of Santa Ana	<p>Sections III and IV, Pueblo of Santa Ana Water Quality Standards</p> <p>Section III, Part G: Turbidity attributable to other than natural causes shall not reduce light transmission to a point where aquatic biota are inhibited or alter color or visibility to a point that causes an unaesthetic and substantial visible contrast with the natural appearance of the water. Specifically, turbidity shall not exceed 5 NTU over background when background turbidity is 50 NTU or less, with no more than a 10 percent increase when background turbidity is more than 50 NTU.</p> <p>Section IV, Part F(2): Agricultural Water Supply Use: Turbidity shall not exceed 5 NTU over background when background turbidity is 50 NTU or less, with no more than a 10% increase when background turbidity is more than 50 NTU.</p>
Pueblo of Tesuque	<p>Sections III and IV, Pueblo of Tesuque Water Quality Standards</p> <p>Section III, Part G: Turbidity attributable to other than natural causes shall not reduce light transmission to the point that the aquatic biota is inhibited or that will cause an unaesthetic and substantial visible contrast with the natural appearance of the water. Turbidity attributable to natural causes or the reasonable operation of irrigation and flood control facilities is not subject to these standards. Specifically, turbidity shall not exceed 5 Nephelometric Turbidity Units ("NTU") over background when background turbidity is 50 NTU or less; there shall not be more than a 10% increase in turbidity when background turbidity is more than 50 NTU.</p> <p>Section IV, Part B(1)(f): High Quality Coldwater Fisheries: Turbidity shall not exceed 10 NTU (25 NTU in certain reaches where natural background prevents attainment of lower turbidity);</p> <p>Section IV, Part H(3): Primary Contact: Turbidity shall not exceed 25 NTU's.</p>
Puerto Rico	<p>Rule 1303, Puerto Rico Water Quality Standards Regulation</p> <p>Part 1303.1(B): The waters of Puerto Rico shall be free from color, odor, taste or turbidity attributable to discharges in such a degree as to create a nuisance to the enjoyment of the existing or designated uses of the water body.</p> <p>Part 1303.2(B)(2)(f): Class SB: Turbidity: Shall not exceed 10 nephelometric turbidity units (NTU), except by natural phenomena, as defined under this regulation.</p> <p>Part 1303.2(C)(2)(f): Class SD waters: Turbidity Shall not exceed 50 nephelometric turbidity units (NTU), except by natural phenomena, as defined under this regulation.</p> <p>Part 1303.2(E)(2)(e): Class SG waters: Turbidity Shall not be altered except by natural phenomena, as defined under this regulation.</p>

Area of Coverage	Turbidity Water Quality Standard
Puyallup Tribe	<p>Section 4, Water Quality Standards for Surface Waters of the Puyallup Tribe</p> <p>4(1)(c)(vi): Class AA waters: Turbidity shall not exceed 5 NTU over background turbidity when the background turbidity is 50 NTU or less, or have more than a 10 percent increase in turbidity when the background turbidity is more than 50 NTU.</p> <p>4(2)(c)(vi): Class A waters: Turbidity shall not exceed 5 NTU over background turbidity when the background turbidity is 50 NTU or less, or have more than a 10 percent increase in turbidity when the background turbidity is more than 50 NTU.</p> <p>4(3)(c)(vi): Class B waters: Turbidity shall not exceed 10 NTU over background turbidity when the background turbidity is 50 NTU or less, or have more than a 20 percent increase in turbidity when the background turbidity is more than 50 NTU.</p> <p>4(4)(c)(v): Class C waters: Turbidity shall not exceed 10 NTU over background turbidity when the background turbidity is 50 NTU or less, or have more than a 20 percent increase in turbidity when the background turbidity is more than 50 NTU.</p> <p>4(5)(c)(vi): Lake Class Turbidity shall not exceed, 5 NTU over background conditions.</p>
Pyramid Lake Paiute Tribe	<p>Section II, Table II.1. & Table II.2, Pyramid Lake Paiute Tribe Water Quality Control Plan</p> <p>Table II.1: Pyramid Lake: Single values: less than or equal to 5 NTU; Average: less than 2.5 NTU</p> <p>Table II.2: Truckee River: less than or equal to 10 NTU</p> <p>**Applicable for Aquatic Life; WESE (Water of Ecological Significance); EXAV (Extraordinary Aesthetic Value); PCCU (Primary Contact Ceremonial Use); REC1 (Water Contact Recreation)</p>
Saint Regis Mohawk Tribe	<p>Section IV, Part B(7), Water Quality Standards for the Saint Regis Mohawk Tribe Under the Authority of the Clean Water Act §303(c) Seskéha</p> <p>Turbidity attributable to other than natural causes, shall not reduce light transmission to a point that causes an unaesthetic and substantial visible contrast with the natural appearance of the water</p>
Seminole Tribe	<p>Chapter B, Section 12.3, Table 12 (57), SWC Rules: Water Quality</p> <p>Big Cypress and Brighton Reservations Surface Waters Class I,II-B, II-C,III: 29 NTU above natural background conditions</p>

Area of Coverage	Turbidity Water Quality Standard
Spokane Tribe	<p>Sections 5, Provision 5, Technical Support Document for Action on the Revised Surface Water Quality Standards of the Spokane Tribe of Indians</p> <p>Turbidity: Turbidity shall not be at a level to threaten or impair existing and designated uses or aquatic biota.</p>
Swinomish Indian Tribal Community	<p>Title 19, Chapter 6, 19-06.150(A)(5)(a), Swinomish Water Quality Standards Code</p> <p>Turbidity resulting from anthropogenic causes in Regulated Surface Waters shall not be at a level that may have a deleterious effect on an aquatic life community present in those waters.</p>
Twenty-Nine Palms Band of Mission Indians	<p>Section III, 3.1.9., Tribal Water Quality Standards: Twenty-Nine Palms Band of Mission Indians</p> <p>Waters shall be free of changes in turbidity that cause nuisance or adversely affect beneficial uses.</p>
Vermont	<p>Subchapter 3, § 29A-302 (4), Vermont Water Quality Standards</p> <p>(A) Class A(1) and A(2) Waters for Any Use or Cold Water Fish Habitat. Turbidity levels not to exceed 10 NTU (nephelometric turbidity units) as an annual average under dry weather base-flow conditions.</p> <p>(B) All Other Waters. Turbidity levels not to exceed 25 NTU as an annual average under dry weather base-flow conditions.</p>

Area of Coverage	Turbidity Water Quality Standard
Washington	<p data-bbox="586 233 1360 323"><i>Chapter 173-201A WAC, Part 1, Table (1)(e) and Table (1)(f), Water Quality Standards for Surface Waters of the State of Washington</i></p> <p data-bbox="586 363 1414 516"><i>Table (1)(e): Aquatic Life Turbidity Criteria in Fresh Water:</i> Char Spawning and Rearing Turbidity shall not exceed: 5 NTU over background when the background is 50 NTU or less; or A 10 percent increase in turbidity when the background turbidity is more than 50 NTU. Core Summer Salmonid Habitat: Same as above. Salmonid Spawning, Rearing, and Migration: Same as above. Salmonid Rearing and Migration Only: Turbidity shall not exceed: 10 NTU over background when the background is 50 NTU or less; or A 20 percent increase in turbidity when the background turbidity is more than 50 NTU. Non-anadromous Interior Redband Trout Turbidity shall not exceed: 5 NTU over background when the background is 50 NTU or less; or A 10 percent increase in turbidity when the background turbidity is more than 50 NTU. Indigenous Warm Water Species Turbidity shall not exceed: 10 NTU over background when the background is 50 NTU or less; or A 20 percent increase in turbidity when the background turbidity is more than 50 NTU.</p> <p data-bbox="586 1010 1419 1297"><i>Table (1)(f): Aquatic Life Turbidity Criteria in Marine Water:</i> Extraordinary and Excellent quality: Turbidity must not exceed: 5 NTU over background when the background is 50 NTU or less; or A 10 percent increase in turbidity when the background turbidity is more than 50 NTU. Good and Fair quality: Turbidity must not exceed: 10 NTU over background when the background is 50 NTU or less; or A 20 percent increase in turbidity when the background turbidity is more than 50 NTU.</p>
Washington, D.C.	<p data-bbox="586 1320 1385 1381"><i>Title 21, Chapter 11, Section 1104.8, District of Columbia Water Quality Standards</i></p> <p data-bbox="586 1419 1122 1541">Turbidity Increase above Ambient (NTU) Class A:20 NTU above ambient conditions Class B:20 NTU above ambient conditions Class C:20 NTU above ambient conditions</p>

Area of Coverage	Turbidity Water Quality Standard
White Mountain Apache Tribe	<p data-bbox="581 233 1417 296"><i>Section 3.5 (G), Water Quality Protection Ordinance of the White Mountain Apache Tribe of the Fort Apache Indian Reservation</i></p> <p data-bbox="581 327 1417 682">Turbidity attributable to other than natural causes shall not reduce light transmission to the point that the aquatic biota is inhibited or that will cause an unaesthetic and substantial visible contrast with the natural appearance of the water. Specifically, turbidity shall not exceed 5 NTU over background when background turbidity is 50 NTU or less. When background turbidity is more than 50 NTU, there shall not be more than a 100/0 increase in turbidity Background turbidity may be estimated by measuring levels upstream of the human-caused impacts or during zero runoff periods (greater than five (5) days after most recent event).</p>