# Critical Loads of Acidity Literature Database

## Citation Table

| Pub ID | Authors | Pub Date | Title | Citation | Terr. Aqua. | Method Name | Study Area |
|---|---|---|---|---|---|---|---|
| **52** | Adams, M.B., Burger, J.A., Jenkins, A.B., and Zelazny, L. | 2000 | Impact of harvesting and atmospheric pollution on nutrient depletion of eastern US hardwood forests. | Forest Ecology and Management 138: 301-319 | T | empirical: experimental | Fernow Experimental Forest |
| **15** | Adams, M.B., Nichols, D.S., Feder, C.A., Jensen, K.F., and Parrott, H. | September 1991 | Screening Procedure to Evaluate Effects of Air Pollution on Eastern Region Wildernesses Cited as Class I Air Quality Areas. | USDA Forest Service, Northeastern Forest Experiment Station; General Technical Report NE-151 | A & T | empirical | Boundary Waters Canoe, Dolly Sods, Great Gulf, Hercules-Glade, Otter Creek, Presidential Range-Dry River, and Rainbow Lakes Wilderness Areas, and Southern Vermont |
| **49** | Backx, M. A. | December 2004 | Calculating Critical Loads of Sulfur and Nitrogen for Hubbard Brook Experimental Forest and Loch Vale Watershed using a Dynamic Biogeochemical Model (PnET-BGC). | thesis for the Department of Civil and Environmental Engineering, Syracuse University | A | PnET-BGC | Hubbard Brook E.F., NH |
| **21** | Binkley, D., Giardina, C., I. Dockersmith, Morse, D., Scruggs, M., and Tonnessen, K. | 1997 | Status of Air Quality and Related Values in Class I National Parks and Monuments of the Colorado Plateau | Regional Review Colorado Plateau Executive Summary: http://www2.nature.nps.gov/air/pubs/ColoPlat.Review/index.html | A & T | Vegetation-Type Guideline | Colorado, Arizona, and Utah National Parks and Monuments |
| **23** | Bouwman, A.F., Van Vuuren, D.P., Derwent, R.G. and Posch, M. | 2002 | A Global Analysis of Acidification and Eutrophication of Terrestrial Ecosystems. | Water, Air, and Soil Pollution 141:349-382 | T | STOCHEM | Alaska |
| **111** | Bulger, A.J., Cosby, B.J., and Webb, J.R. | 2000 | Current, reconstructed past, and projected future status of brook trout (Salvelinus fontinalis) streams in Virginia. | Canadian Journal of Fish and Aquatic Science 57:1515-1523 | A | MAGIC | Southern Appalachian Mountains, VA |

| Pub ID | Authors | Pub Date | Title | Citation | Terr. Aqua. | Method Name | Study Area |
|---|---|---|---|---|---|---|---|
| **55** | Chen, L., and Driscoll, C.T. | 2004 | Modeling the response of soil and surface waters in the Adirondack and Catskill regions of New York to changes in atmospheric deposition and historical land disturbance. | Atmospheric Environment 38:4099-4109 | A & T | PnET-BGC | Adirondack and Catskill State Parks |
| **58** | Chen, L., Driscoll, C.T., Gbondo-Tugbawa, S., Mitchell, M.J., and Murdoch, P.S. | 2004 | The application of an integrated biogeochemical model (PnET-BGC) to five forested watersheds in the Adirondack and Catskill Regions of New York. | Hydrological Processes 18:2631-2650 | A | PnET-BGC | Adirondack and Catskill State Parks |
| **127** | Cosby, B.J., and Sullivan, t.J. | 2001 | Quantification of dose-response relationships and critical loads of sulfur and nitrogen for six headwater catchments in Rocky Mountain, Grand Teton, Sequoia, and Mount Ranier national parks. | E&S Report 97-15-01 | T & A | MAGIC | Grand Teton, Mt, Ranier, and Sequoia/Kings Canyon National Parks, and Loch Vale Watershed, CO |
| **90** | Driscoll, C., Whitall, D., Aber, J., Boyer, E., Castro, M, Cronan, C., Goodale, C.,Groffman, P., Hopkinson, C., Lambert, K., Lawrence, G., and Ollinger, S. | 2003 | Nitrogen Pollution: Sources and Consequences in the U.S. Northeast. | Environment 45: 8-22. | A & T | PnET-BGC | Catskill State Park, NY, And Hubbard Brook, NH |
| **95** | Driscoll, C.T., Johnson, N.M., Likens, G.E., and Feller, M.C. | 1988 | The effects of acidic deposition on stream water chemistry: a comparison between Hubbard Brook, New Hampshire and Jamieson Creek, British Columbia. | Water Resources Research 24:195-200. | A | empirical | Hubbard Brook E.F., NH |

| Pub ID | Authors | Pub Date | Title | Citation | Terr. Aqua. | Method Name | Study Area |
|---|---|---|---|---|---|---|---|
| **25** | Dupont, J., Clair, T.A., Couture, S., Estabrook, R., Gagnon, C., Godfrey, P.J., Jeffries, D.S., Kahl, S., Khan, H., Nelson, S., Peckenham, J., Pilgrim, W., Stacey, P., Taylor, D. and Van Arsdale, A. | August 2002 | Critical Loads of Acidity and Water Sensitivity in New England States and Eastern Canadian Provinces. | New England Governors and Eastern Canadian Premiers Acid Rain Steering Committee | A | SSWC | Connecticut, Maine, Massachusetts, New Hampshire, and Vermont Lakes and Ponds |
| **13** | Eilers J.M., Rose, C.L. and Sullivan, T.J. | November 1994 | Status of Air Quality and Effects of Atmospheric Pollutants on Ecosystems in the Pacific Northwest Region of the National Park Service. | US Department of the Interior National Park Service; Technical Report NPS/NRAQD/ NRTR-94/160 | A & T | empirical | Crater Lake, Craters of the Moon, Mt. Ranier, North Cascades, and Olympic National Parks |
| **3** | Ellis, H., and Bowman, M.L. | 1994 | Critical Loads and Development of Acid Rain Control Options. | Journal of Environmental Engineering 120(2): 273-289 | A | PROFILE and MAGIC | Maryland streams |
| **16** | Fox, D.G., Bartuska, A.M., Byrne, J.G., Cowling, E., Fisher, R., Likens, G.E., Lindberg, S.E., Linthurst, R.A., Messer, J. and Nichols, D.S. | January 1989 | A Screening Procedure to Evaluate Air Pollution Effects on Class I Wilderness Areas | USDA Forest Service, Rocky Mountain Forest and Range Experiment Station; General Technical Report RM-168 | A & T | Green-Yellow_Red Screening Model | Alpine Lakes, Bob Marshall, Boundary Waters, Bridger, Hoover, Joyce Kilmer/Slickrock, Otter Creek, San Gorgonio, and Superstition Wilderness |
| **67** | Garten Jr., C.T., and Ashwood, T.L. | 2003 | A Landscape Level Analysis of Potential Excess Nitrogen in East-Central North Carolina, USA. | Water, Air, and Soil Pollution 146: 3 - 21 | T | MB | Neuse River Basin, NC |
| **1** | Janicki, A., Wade, D., Wilson, H., and Heimbuch, D. (V1); Rabinhorst, M., Maxwell, C., Janicki, A., and Morgan, R. (V3) | 1995 | Maryland Critical Loads Study: Critical Loads Assessment for Maryland Streams; Volumes 1 and 3. | Maryland Dept. of Natural Resources: Chesapeake Bay Research and Monitoring Division; report CBRM-AD-95-9 | A | PROFILE and MAGIC | Maryland streams |
| **131** | Jeffries, D.S. | 2007 | 1997 Canadian Acid Rain Assessment, volume 3. Aquatic Effects. | Environment Canada, Burlington, Ontario | A | SSWC | Adirondack S.P, NY |

| Pub ID | Authors | Pub Date | Title | Citation | Terr. Aqua. | Method Name | Study Area |
|---|---|---|---|---|---|---|---|
| **70** | Krupa, S.V. | 2003 | Effects of atmospheric ammonia (NH3) on terrestrial vegetation: a review. | Environmental Pollution 124: 179-221 | T | empirical and modeled | Ecosystems worldwide |
| **129** | Nolin, M.P., Stewart, H.T., Currier, P.N., and Estabrook, R.H. | 2004 | Total Maximum Daily Load (TMDL) for 65 Acid Impaired New Hampshire Ponds (Final). | New Hampshire Department of Environmental Services Document Number: R-WD-04-17 | A | SSWC | New Hampshire Lakes |
| **27** | Oja, T. and Arp, P.A. | 1998 | Assessing Atmospheric Sulfur and Nitrogen Loads Critical to the Maintenance of Upland Forest Soils. | Sulfur in the Environment. Books in soils, plants, and the environment 67: 337-363. Marcel Dekker, NY. | T | SSMB | IFS Research Sites |
| **119** | Orr, E.J., Strassman, R.L., and Swain, E.B. | 1992 | Minnesota Wet Sulfate Deposition Standard: 1991 Compliance Report. | Acid Deposition Program, Minnesota Pollution Control Agency | A | empirical and acidification models | Arrowhead region lakes, MN |
| **28** | Pardo, L.H. and Driscoll, C.T. | 1996 | Critical Loads for Nitrogen Deposition: Case Studies at two Northern Hardwood Forests. | Water, Air and Soil Pollution 89: 105-128 | T | MB | Huntington Forest, NY and Hubbard Brook, NH |
| **18** | Pembrook, H. | August 2004 | 2004 Update: Calculating critical loads of acidity and exceedances for acid-impaired lakes in Vermont using the Steady-State Water Chemistry (SSWC) Model. | Report by the Water Quality Division of the DEC Vermont Agency of Natural Resources | A | SSWC | Vermont Ponds |
| **20** | Peterson, D.L., Schmoldt, D.L., Eilers, J.M., Fisher, R.W., and Doty, R.D. | November 1992 | Guidelines for Evaluating Air Pollution Impacts on Class I Wilderness Areas in California. | USDA Forest Service General Technical Report PSW-GTR-136 | A & T | Vegetation-Type Guideline | California Wilderness Areas |
| **45** | Peterson, D.L., Sullivan, T.J., Eilers, J.M., Brace, S., Horner, D., Savig, K. and Morse, D. | 1998 | Assessment of Air Quality and Air Pollutant Impacts in National Parks of the Rocky Mountains and Northern Great Plains. | http://www2.nature.nps.gov/air/pubs/RockyMT.Review/title.html | A & T | empirical | Rocky Mountains and Northern Great Plains National Parks |
| **40** | Peterson, J., Schmoldt, D., Peterson, D., Eilers, J., Fisher, R. and Bachman, R. | May 1992 | Guidelines for Evaluating Air Pollution Impacts on Class I Wilderness Areas in the Pacific Northwest. | USDA Forest Service General Technical Report PNW-GTR-299 | A & T | Vegetation-Type Guideline | Pacific Northwest Wilderness Areas |

| Pub ID | Authors | Pub Date | Title | Citation | Terr. Aqua. | Method Name | Study Area |
|---|---|---|---|---|---|---|---|
| **19** | Sullivan, T.J. and Cosby, B.J. | December 2004 | Aquatic Critical Load Development for the Monongahela National Forest, West Virginia. | Report prepared for the USDA Forest Service Monongahela National Forest | A | MAGIC | Dolly Sods, Fernow Experimental Forest, Monongahela National Forest, Otter Creek Wilderness, WV |
| **24** | Sullivan, T.J. and Cosby, B.J. | April 2002 | Critical Loads of Sulfur Deposition to Protect Streams Within Joyce Kilmer and Shining Rock Wilderness Areas From Future Acidification. | Report for the USDA Forest Service | A | MAGIC | Joyce Kilmer/Slick Rock and Shing Rock Wilderness |
| **132** | Sullivan, T.J., and Eilers, J.M. | October 1996 | Assessment of Deposition Levels of sulfur and Nitrogen Required to Protect Aquatic Resources in Selected Sensitive Regions of North America. | E and S Environmental Chemistry, EPA/600/R-96-123, Corvallis Environmental Research Lab, OR | A | MAGIC and empirical | Cascade Mountains, Colorado Rockies, Idaho Batholith, Northern Florida, Northwest Wyoming, Sierra Nevada Mountain Range, and the Upper Midwest |
| **128** | Sullivan, T.J., Cosby, B.J., Bernert, J.A., and Eilers, J.M. | 1998 | Model Evaluation of dose/response relationships and critical loads for nitrogen and sulfur deposition to the watersheds of lower saddlebag and white dome lakes. | E&S Report 97-10-01 | T & A | MAGIC | Popo Agie Wilderness, WY, and Weminuche Wilderness, CO |
| **102** | Sullivan, T.J., Cosby, B.J., Laurence, J.A., Dennis, R.L., Savig, K., Webb, J.R., Bulger, A.J., Scruggs, M., Gordon, C., Ray, J., Lee, H., Hogsett, W.E., Wayne, H., Miller, D., and Kern, J.S. | 2003 | Assessment of Air Quality and Related Values in Shenandoah national Park. National Park Service, Northeast region Technical Report no. NPS/NERCHAL/NRTR-03/090 | http://www.nps.gov/nero/science/FINAL/shen_air_quality/shen_airquality.html | A | Extended Regional Acid Deposition Model, MAGIC | Shenandoah N.P., VA |
| **61** | Sullivan, T.J., Cosby, B.J., Tonnessen, K.A. and Clow, D.W. | 2005 | Surface water acidification responses and critical loads of sulfur and nitrogen deposition in Loch Vale watershed, Colorado. | Water Resources Research 41: WO1021 | A | MAGIC | Loch Vale Watershed, CO |

| Pub ID | Authors | Pub Date | Title | Citation | Terr. Aqua. | Method Name | Study Area |
|---|---|---|---|---|---|---|---|
| **73** | Sullivan, T.J., Eilers, J.M., Cosby, B.J., and Vaché, K.B. | 1997 | Increasing role of nitrogen in the acidification of surface waters in the Adirondack Mountains, New York. | Water, Air, and Soil Pollution 95: 313 - 336 | A | empirical | Adirondack S.P., NY |
| **74** | Sullivan, T.J., Peterson, D.L., Blanchard, C.L., Savig, K., and Morse, D. | 2001 | Assessment of Air Quality and Air Pollutant Impacts in Class I National Parks of California. | http://www2.nature.nps.gov/air/pubs/CAreview/CAreport.pdf | A & T | empirical | California National Parks |
| **2** | Sverdrup, H., Warfvinge, P., Rabenhorst, M., Janicki, A., Morgan, R., and Bowman, M. | 1992 | Critical Loads and Steady-State Chemistry for Streams in the State of Maryland. | Environmental Pollution 77: 195-203 | A | PROFILE | Maryland streams |
| **26** | USDA FS | April 1998 | Preliminary Air Quality Related Screening Values for Three Class I Areas in North Carolina and Tennessee. | from www.fs.fed.us/r6/aq/natarm/document.htm | A | Green-Yellow_Red Screening Model | Joyce Kilmer/Slickrock, Linville Gorge, and Shing Rock Wilderness |
| **47** | USDA FS | November 2000 | Preliminary Air Quality Related Screening Values for the James River Face Wilderness, a Class I Area in Virginia. | http://www.fs.fed.us/r6/aq/natarm/document.htm | A & T | Green-Yellow_Red Screening Model | James River Face Wilderness/Natural Bridge, VA |
| **17** | Vermont Department of Environmental Conservation Water Quality Division | September 2003 | Total Maximum Daily Loads Water bodies: 30 Acid Impaired Lakes Pollutant: Acid. | Acid Lakes TMDL report by the VT DEC Water Quality Division Submitted to the US EPA- Region 1 | A | SSWC | Vermont Lakes and Ponds |
| **14** | Williams, M.W., and Tonnessen, K.A. | 2000 | Critical Loads for Inorganic Nitrogen Deposition in the Colorado Front Range, USA | Ecological Applications 10(6): 1648-1665 | A | empirical | Colorado Front Range |
| **78** | Williams, M.W., Bardsley, T., and Rikkers, M. | 1998 | Overestimation of snow depth and inorganic nitrogen wetfall using NADP data, Niwot Ridge, Colorado. | Atmospheric Environment 32(22): 3827-3833 | T | empirical | Niwot Ridge and Green Lakes Valley, CO |

## Site Table

| Pub ID | Specific Site Location | Ecosystem Description | Stand Type | Study Area | State | Region Name |
|---|---|---|---|---|---|---|
| **52** | Fernow watershed 3 | Appalachian mixed hardwood forests with high spatial diversity and variability; regenerated following clear cutting in 1969-1970; Ammonium fertilizer applied here since 1989 | deciduous | Fernow Experimental Forest | WV | South Atlantic |
| **52** | Fernow watershed 4 | Appalachian mixed hardwood forests with high spatial diversity and variability; last harvested in 1910; acidic sandstones and shales with low weathering rates | deciduous | Fernow Experimental Forest | WV | South Atlantic |
| **15** | Lye Brook Pond | Class I wilderness area; extensively logged in early 1900s; cool climate; spruce-fir and northern hardwoods | mixed | Southern Vermont | VT | New England |
| **15** | Great Gulf Wilderness Area | Class I wilderness area; high mountain peaks, cirques and tundra vegetation, hardwoods and spruce-fir | mixed | Great Gulf Wilderness Area | NH | New England |
| **15** | Presidential Range-Dry River Wilderness Area | Class I wilderness area; highly variable depending on elevation and geographic location | mixed | Presidential Range-Dry River Wilderness Area | NH | New England |
| **15** | Rainbow Lake Wilderness Area | Class I wilderness area; densely vegetated with several landlocked lakes | mixed | Rainbow Lake Wilderness Area | WI | East North Central |
| **15** | Boundary Waters Canoe Wilderness Area | Class I wilderness area; numerous pristine lakes; heavily forested land, rock formations, wetlands; subarctic species and mainly coniferous | mixed | Boundary Waters Canoe Wilderness Area | MN | West North Central |
| **15** | Hercules-Glades Wilderness Area | Class I wilderness area; grazing presently and in past; open grassland, forest, bare rock; prairie vegetation, oak and eastern red cedar | mixed | Hercules-Glades Wilderness Area | MO | West North Central |
| **15** | Dolly Sods wilderness | Class I wilderness area; severe climate | mixed | Dolly Sods wilderness | WV | South Atlantic |
| **15** | Otter Creek Wilderness | Class I wilderness area; logged last in 1972; some wetland; dominated by mixed hardwoods and red spruce | mixed | Otter Creek Wilderness | WV | South Atlantic |

| Pub ID | Specific Site Location | Ecosystem Description | Stand Type | Study Area | State | Region Name |
|---|---|---|---|---|---|---|
| **49** | Hubbard Brook E.F.-watershed 6 | humid continental climate; developing northern hardwood forest; well-drained, sandy loam soils; site intensively logged 1910-1917 and experienced storm damage 1938 | deciduous | Hubbard Brook E.F. | NH | New England |
| **21** | Arches National Park | Class I areas of the Colorado Plateau with good air quality, streams of this region are resistant to chemical change due to low levels of acidic deposition and the region's hydrogeology | | Arches National Park | UT | Mountain |
| **21** | Black Canyon of the Gunnison National Monument | Class I areas of the Colorado Plateau with good air quality, streams of this region are resistant to chemical change due to low levels of acidic deposition and the region's hydrogeology | | Black Canyon of the Gunnison National Monument | CO | Mountain |
| **21** | Bryce Canyon National Park | Class I areas of the Colorado Plateau with good air quality, streams of this region are resistant to chemical change due to low levels of acidic deposition and the region's hydrogeology | | Bryce Canyon National Park | UT | Mountain |
| **21** | Canyonlands National Park | Class I areas of the Colorado Plateau with good air quality, streams of this region are resistant to chemical change due to low levels of acidic deposition and the region's hydrogeology | | Canyonlands National Park | UT | Mountain |
| **21** | Capitol Reef National Park | Class I areas of the Colorado Plateau with good air quality, streams of this region are resistant to chemical change due to low levels of acidic deposition and the region's hydrogeology | | Capitol Reef National Park | UT | Mountain |
| **21** | Grand Canyon National Park | Class I areas of the Colorado Plateau with good air quality, streams of this region are resistant to chemical change due to low levels of acidic deposition and the region's hydrogeology | | Grand Canyon National Park | AZ | Mountain |

| Pub ID | Specific Site Location | Ecosystem Description | Stand Type | Study Area | State | Region Name |
|---|---|---|---|---|---|---|
| **21** | Mesa Verde National Park | Class I areas of the Colorado Plateau with good air quality, streams of this region are resistant to chemical change due to low levels of acidic deposition and the region's hydrogeology | | Mesa Verde National Park | CO | Mountain |
| **21** | Petrified Forest National Park | Class I areas of the Colorado Plateau with good air quality, streams of this region are resistant to chemical change due to low levels of acidic deposition and the region's hydrogeology | | Petrified Forest National Park | AZ | Mountain |
| **21** | Zion National Park | Class I areas of the Colorado Plateau with good air quality, streams of this region are resistant to chemical change due to low levels of acidic deposition and the region's hydrogeology | | Zion National Park | UT | Mountain |
| **21** | Bandelier National Monument | Class I areas of the Colorado Plateau with good air quality, streams of this region are resistant to chemical change due to low levels of acidic deposition and the region's hydrogeology | | Bandelier National Monument | NM | Mountain |
| **21** | Great Sand Dunes National Monument | Class I areas of the Colorado Plateau with good air quality, streams of this region are resistant to chemical change due to low levels of acidic deposition and the region's hydrogeology | | Great Sand Dunes National Monument | CO | Mountain |
| **23** | Alaska | All non-agricultural ecosystems | | Alaska | AK | Pacific |
| **23** | Continental United States | All non-agricultural ecosystems | | N/A | USA | National |
| **111** | Appalachian Brook Trout Streams | brook trout streams | N/A | Southern Appalachian Mountains | VA | South Atlantic |
| **55** | Willy's Pond | mature forest in western Adirondacks; ANC ~-10 ueq/L; no history of harvesting but natural disturbance in 1950 blew down 50-100% of trees | mixed | Adirondack S.P | NY | Middle Atlantic |
| **55** | West Pond | extensive wetland coverage; western Adirondacks; ANC ~0 ueq/L | mixed | Adirondack S.P | NY | Middle Atlantic |

| Pub ID | Specific Site Location | Ecosystem Description | Stand Type | Study Area | State | Region Name |
|---|---|---|---|---|---|---|
| **55** | Constable Pond | acid-sensitive watershed in western Adirondacks; ANC ~-8ueq/L | mixed | Adirondack S.P | NY | Middle Atlantic |
| **55** | Arbutus Lake | relatively acid-insensitive watershed in the central Adirondacks; ANC ~67 ueq/L; maximum tree age ~100 y due to harvesting in past | mixed | Adirondack S.P | NY | Middle Atlantic |
| **55** | Biscuit Brook | acid sensitive watershed in the Catskillls; ANC ~20 ueq/L; small (20%) harvest in 1920 and a small fire affecting 5% in 1969 | mixed | Catskill S.P. | NY | Middle Atlantic |
| **58** | Willy's Pond | high rates of acidic deposition; gneisses and metasedimentary bedrock; Spodosols derived from glacial till; mature forest- no disturbance; acidic lake; ANC -10 ueq/L | mixed | Adirondack S.P | NY | Middle Atlantic |
| **58** | West Pond | highest rates of acidic deposition in Adks; gneisses and metasedimentary bedrock; Spodosols derived from glacial till; shallow glacial till deposits resulting in low ANC (0); high proportion of wetlands | mixed | Adirondack S.P | NY | Middle Atlantic |
| **58** | Arbutus Lake | high rates of acidic deposition; calcareous silicate bedrock; Spodosols derived from glacial till; disturbances in 1920; insensitive to acidic deposition (high ANC ~67 ueq/L) | mixed | Adirondack S.P | NY | Middle Atlantic |
| **58** | Constable Pond | highest rates of acidic deposition in Adks; gneisses and metasedimentary bedrock; Spodosols derived from glacial till; shallow glacial till deposits resulting in low ANC (-8 ueq/L) | mixed | Adirondack S.P | NY | Middle Atlantic |
| **58** | Biscuit Brook | highest rates of acidic deposition in US; sedimentary bedrock; thin Inceptisol soils with moderate to high acidity; northern hardwood; ANC 20 ueq/L | hardwood | Catskill S.P. | NY | Middle Atlantic |
| **127** | Loch Vale | rock outcrops, talus, alpine ridge, subalpine meadows, spruce-fir forest, and alluvial bog soils | N/A | Loch Vale Watershed | CO | Mountain |

| Pub ID | Specific Site Location | Ecosystem Description | Stand Type | Study Area | State | Region Name |
|---|---|---|---|---|---|---|
| **127** | Surprise Lake | bedrock, talus, tundra, spruce-fir forest | N/A | Grand Teton N.P. | WY | Mountain |
| **127** | Ampitheatre Lake | bedrock, talus, tundra, forest | N/A | Grand Teton N.P. | WY | Mountain |
| **127** | Eunice Lake | mixed subalpine forest, meadows of heather, grasses, huckleberry, and mosses | N/A | Mt. Rainier N.P. | WA | Pacific |
| **127** | Pear Lake | bedrock, talus, boulders, scattered trees, meadows, and riparian areas | N/A | Sequoia/Kings Canyon N.P. | CA | Pacific |
| **127** | Emerald Lake | bedrock, talus, wet meadow, willow thicket, heather scrub, chrysolepsis sempervirens | N/A | Sequoia/Kings Canyon N.P. | CA | Pacific |
| **90** | Hubbard Brook E.F. | watersheds in the NE where critical loads work has been completed | mixed | Hubbard Brook E.F. | NH | New England |
| **90** | Biscuit Brook | watersheds in the NE where critical loads work has been completed; thin Inceptisol soils with moderate to high acidity; northern hardwood; ANC 20 ueq/L | hardwood | Catskill S.P. | NY | Middle Atlantic |
| **95** | Hubbard Brook E.F. | recently glaciated granitic bedrock overlain by acidic soils; second-growth Northern Hardwood forest with coniferous stands at high elevations | mixed | Hubbard Brook E.F. | NH | New England |
| **25** | Silver | | | Central Connecticut | CT | New England |
| **25** | Beseck | | | Central Connecticut | CT | New England |
| **25** | Black Pond (Meriden) | | | Central Connecticut | CT | New England |
| **25** | Beach Pond | | | Central Eastern Connecticut | CT | New England |
| **25** | Wamgumbaug | | | Central Eastern Connecticut | CT | New England |
| **25** | Lantern Hill Pond | | | Central Eastern Connecticut | CT | New England |
| **25** | Terramuggus | | | Central Eastern Connecticut | CT | New England |
| **25** | Crystal (Middletown) | | | Central Eastern Connecticut | CT | New England |
| **25** | Beachdale Pond | | | Central Eastern Connecticut | CT | New England |
| **25** | Pachaug Pond | | | Central Eastern Connecticut | CT | New England |
| **25** | Red Cedar | | | Central Eastern Connecticut | CT | New England |
| **25** | Green Falls Reservoir | | | Central Eastern Connecticut | CT | New England |
| **25** | Lake Hayward | | | Central Eastern Connecticut | CT | New England |
| **25** | Anderson's Pond | | | Central Eastern Connecticut | CT | New England |
| **25** | Billings | | | Central Eastern Connecticut | CT | New England |

| Pub ID | Specific Site Location | Ecosystem Description | Stand Type | Study Area | State | Region Name |
|---|---|---|---|---|---|---|
| 25 | Avery Pond | | | Central Eastern Connecticut | CT | New England |
| 25 | Bashan | | | Central Eastern Connecticut | CT | New England |
| 25 | Wyassup | | | Central Eastern Connecticut | CT | New England |
| 25 | Amos | | | Central Eastern Connecticut | CT | New England |
| 25 | Quonnipaug | | | Central Eastern Connecticut | CT | New England |
| 25 | Long Pond | | | Central Eastern Connecticut | CT | New England |
| 25 | Gardner | | | Central Eastern Connecticut | CT | New England |
| 25 | Lake of Isles | | | Central Eastern Connecticut | CT | New England |
| 25 | Candlewood | | | Central Western Connecticut | CT | New England |
| 25 | Bantam | | | Central Western Connecticut | CT | New England |
| 25 | Lake Waramaug | | | Central Western Connecticut | CT | New England |
| 25 | Mount Tom Pond | | | Central Western Connecticut | CT | New England |
| 25 | Lake Quassapaug | | | Central Western Connecticut | CT | New England |
| 25 | Ball Pond | | | Central Western Connecticut | CT | New England |
| 25 | Squantz Pond | | | Central Western Connecticut | CT | New England |
| 25 | Emmons Pond | | | North Central Connecticut | CT | New England |
| 25 | Breakneck Pond | | | Northeastern Connecticut | CT | New England |
| 25 | Mashapaug | | | Northeastern Connecticut | CT | New England |
| 25 | State Line Pond | | | Northeastern Connecticut | CT | New England |
| 25 | Bigelow Pond | | | Northeastern Connecticut | CT | New England |
| 25 | Roseland | | | Northeastern Connecticut | CT | New England |
| 25 | Alexander | | | Northeastern Connecticut | CT | New England |
| 25 | Crystal (Ellington) | | | Northeastern Connecticut | CT | New England |
| 25 | Killingly Pond | | | Northeastern Connecticut | CT | New England |
| 25 | Black Pond (Woodstock) | | | Northeastern Connecticut | CT | New England |
| 25 | West Side Pond | | | Northwestern Connecticut | CT | New England |
| 25 | Lake Wonoscopomuc | | | Northwestern Connecticut | CT | New England |
| 25 | Lake Winchester | | | Northwestern Connecticut | CT | New England |
| 25 | Mohawk Pond | | | Northwestern Connecticut | CT | New England |
| 25 | West Hill Pond | | | Northwestern Connecticut | CT | New England |
| 25 | Tyler | | | Northwestern Connecticut | CT | New England |
| 25 | Dog Pond | | | Northwestern Connecticut | CT | New England |
| 25 | Highland | | | Northwestern Connecticut | CT | New England |
| 25 | Linsley Pond | | | South Central Connecticut | CT | New England |

| Pub ID | Specific Site Location | Ecosystem Description | Stand Type | Study Area | State | Region Name |
|---|---|---|---|---|---|---|
| 25 | Rogers | | | Southeastern Connecticut | CT | New England |
| 25 | Powers | | | Southeastern Connecticut | CT | New England |
| 25 | Norwich Pond | | | Southeastern Connecticut | CT | New England |
| 25 | Uncas Pond | | | Southeastern Connecticut | CT | New England |
| 25 | Pataganset | | | Southeastern Connecticut | CT | New England |
| 25 | East Twin | | | Southwestern Connecticut | CT | New England |
| 25 | Kenosia | | | Southwestern Connecticut | CT | New England |
| 25 | Lovewell Pond | | | Central Massachusetts | MA | New England |
| 25 | Day Mill Pond | | | Central Massachusetts | MA | New England |
| 25 | Holden Res 1;Upper Hold | | | Central Massachusetts | MA | New England |
| 25 | Stump Pond | | | Central Massachusetts | MA | New England |
| 25 | Greenwood Pond | | | Central Massachusetts | MA | New England |
| 25 | Wickett | | | Central Massachusetts | MA | New England |
| 25 | L Rohunta; South Basin | | | Central Massachusetts | MA | New England |
| 25 | Crow Hill Pond | | | Central Massachusetts | MA | New England |
| 25 | Bickford | | | Central Massachusetts | MA | New England |
| 25 | Fitch Basin | | | Central Massachusetts | MA | New England |
| 25 | Carter Pond | | | Central Massachusetts | MA | New England |
| 25 | Cloverdale Street Pond | | | Central Massachusetts | MA | New England |
| 25 | Adams Pond | | | Central Massachusetts | MA | New England |
| 25 | Demond Pond | | | Central Massachusetts | MA | New England |
| 25 | Newton Pond; Mud Pond | | | Central Massachusetts | MA | New England |
| 25 | Knight's | | | Central Massachusetts | MA | New England |
| 25 | Lake Wyol | | | Central Massachusetts | MA | New England |
| 25 | Upper Mystic Lake | | | Central Eastern Massachusetts | MA | New England |
| 25 | Sandy Pond | | | Central Eastern Massachusetts | MA | New England |
| 25 | Grove Pond | | | Central Eastern Massachusetts | MA | New England |
| 25 | Ice House Pond | | | Central Eastern Massachusetts | MA | New England |
| 25 | Phoenix Pond; Double Pd | | | Central Eastern Massachusetts | MA | New England |
| 25 | Robbins Pond | | | Central Eastern Massachusetts | MA | New England |
| 25 | Woods Corner Pond | | | Central Eastern Massachusetts | MA | New England |
| 25 | Mill Pond | | | Central Eastern Massachusetts | MA | New England |
| 25 | Brass Mill Pond | | | Central Western Massachusetts | MA | New England |

| Pub ID | Specific Site Location | Ecosystem Description | Stand Type | Study Area | State | Region Name |
|---|---|---|---|---|---|---|
| 25 | Conwell Pond | | | Central Western Massachusetts | MA | New England |
| 25 | Cheshire Res. North | | | Central Western Massachusetts | MA | New England |
| 25 | Belmont Res;Steam Sawmi | | | Central Western Massachusetts | MA | New England |
| 25 | Newell Pond | | | North Central Massachusetts | MA | New England |
| 25 | Ashby Reservoir | | | North Central Massachusetts | MA | New England |
| 25 | Lake Denison | | | North Central Massachusetts | MA | New England |
| 25 | Factory Village Pd;Phil | | | North Central Massachusetts | MA | New England |
| 25 | L Wampanoag; Nashua Res | | | North Central Massachusetts | MA | New England |
| 25 | Cowee Pd;Marm Johns Pd | | | North Central Massachusetts | MA | New England |
| 25 | Saima Pond | | | North Central Massachusetts | MA | New England |
| 25 | Muddy | | | North Central Massachusetts | MA | New England |
| 25 | Sheldon Pond | | | North Central Massachusetts | MA | New England |
| 25 | Upper Naukeag Lake | | | North Central Massachusetts | MA | New England |
| 25 | Haskell Pd;Haskell Bk R | | | Northeastern Massachusetts | MA | New England |
| 25 | River Street Pond | | | Northeastern Massachusetts | MA | New England |
| 25 | Stearns Pond | | | Northeastern Massachusetts | MA | New England |
| 25 | Hayman Pond | | | Northeastern Massachusetts | MA | New England |
| 25 | Heald Pond | | | Northeastern Massachusetts | MA | New England |
| 25 | Haggets Pond | | | Northeastern Massachusetts | MA | New England |
| 25 | Porter Lake West | | | South Central Massachusetts | MA | New England |
| 25 | Waite Pond | | | South Central Massachusetts | MA | New England |
| 25 | Burncoat Pond | | | South Central Massachusetts | MA | New England |
| 25 | Hovey Pond - 1991 | | | South Central Massachusetts | MA | New England |
| 25 | Cedar Meadow Pond | | | South Central Massachusetts | MA | New England |
| 25 | Woolshop Pond - 1991 | | | South Central Massachusetts | MA | New England |
| 25 | Wright Pond | | | South Central Massachusetts | MA | New England |
| 25 | Stevens Pond - 1991 | | | South Central Massachusetts | MA | New England |
| 25 | Lynde Brook Reservoir | | | South Central Massachusetts | MA | New England |
| 25 | Slaughterhouse Pond - 1991 | | | South Central Massachusetts | MA | New England |
| 25 | Silver Lake; Porter L | | | South Central Massachusetts | MA | New England |

| Pub ID | Specific Site Location | Ecosystem Description | Stand Type | Study Area | State | Region Name |
|---|---|---|---|---|---|---|
| 25 | #6 Res. | | | South Central Massachusetts | MA | New England |
| 25 | Chicopee Brook Pond | | | South Central Massachusetts | MA | New England |
| 25 | Dark Brook Pond - 1991 | | | South Central Massachusetts | MA | New England |
| 25 | Smith Pond - 1991 | | | South Central Massachusetts | MA | New England |
| 25 | Lake Lorraine | | | South Central Massachusetts | MA | New England |
| 25 | Morse Pond | | | Southeastern Massachusetts | MA | New England |
| 25 | Great Pond | | | Southeastern Massachusetts | MA | New England |
| 25 | Herring Pond | | | Southeastern Massachusetts | MA | New England |
| 25 | Round Pond | | | Southeastern Massachusetts | MA | New England |
| 25 | Little Mink Hole | | | Southeastern Massachusetts | MA | New England |
| 25 | Little Smelt Pond | | | Southeastern Massachusetts | MA | New England |
| 25 | Pelham Street Pond | | | Southeastern Massachusetts | MA | New England |
| 25 | Higgins Pond | | | Southeastern Massachusetts | MA | New England |
| 25 | Indian Pond | | | Southeastern Massachusetts | MA | New England |
| 25 | Kinnacum Pond | | | Southeastern Massachusetts | MA | New England |
| 25 | Long Pond | | | Southeastern Massachusetts | MA | New England |
| 25 | Trout Pond | | | Southeastern Massachusetts | MA | New England |
| 25 | Blue Hills Reservoir | | | Southeastern Massachusetts | MA | New England |
| 25 | Spectacle Pond | | | Southeastern Massachusetts | MA | New England |
| 25 | Herring Brook Pond | | | Southeastern Massachusetts | MA | New England |
| 25 | Lake Pearl; Whitings Pd | | | Southeastern Massachusetts | MA | New England |
| 25 | Lake Archer; Archers Pd | | | Southeastern Massachusetts | MA | New England |
| 25 | Pleasant St. Pd;Frankli | | | Southeastern Massachusetts | MA | New England |
| 25 | Stony Brook Pond | | | Southeastern Massachusetts | MA | New England |
| 25 | Kingsbury | | | Southeastern Massachusetts | MA | New England |
| 25 | Riverdale Pond - 1991 | | | Southeastern Massachusetts | MA | New England |
| 25 | Southeast Pond | | | Southeastern Massachusetts | MA | New England |
| 25 | Lake Ripple - 1991 | | | Southeastern Massachusetts | MA | New England |
| 25 | Butterfly Pond | | | Southeastern Massachusetts | MA | New England |
| 25 | Whitehall Reservoir | | | Southeastern Massachusetts | MA | New England |
| 25 | Hemenway Pond | | | Southeastern Massachusetts | MA | New England |
| 25 | Pine Tree Pond | | | Southeastern Massachusetts | MA | New England |
| 25 | Storrow Pond | | | Southeastern Massachusetts | MA | New England |
| 25 | Ponkapog Pond | | | Southeastern Massachusetts | MA | New England |

| Pub ID | Specific Site Location | Ecosystem Description | Stand Type | Study Area | State | Region Name |
|---|---|---|---|---|---|---|
| 25 | N Watuppa L;N Watuppa R | | | Southeastern Massachusetts | MA | New England |
| 25 | Prospect Road West Pond | | | Southeastern Massachusetts | MA | New England |
| 25 | Ruth Pond | | | Southeastern Massachusetts | MA | New England |
| 25 | Scokes | | | Southeastern Massachusetts | MA | New England |
| 25 | Round Pond | | | Southeastern Massachusetts | MA | New England |
| 25 | Hawks Nest Pd;Walkers P | | | Southeastern Massachusetts | MA | New England |
| 25 | Spectacle Pond | | | Southeastern Massachusetts | MA | New England |
| 25 | Cornelius Pond;Briar Pd | | | Southeastern Massachusetts | MA | New England |
| 25 | Dicks Pond | | | Southeastern Massachusetts | MA | New England |
| 25 | Turner Pd;Turners Mill | | | Southeastern Massachusetts | MA | New England |
| 25 | Red Bk Pond;Cataumet Pd | | | Southeastern Massachusetts | MA | New England |
| 25 | Horse Pond | | | Southeastern Massachusetts | MA | New England |
| 25 | Big Sandy Pond | | | Southeastern Massachusetts | MA | New England |
| 25 | Noquockoke L;South Basi | | | Southeastern Massachusetts | MA | New England |
| 25 | Beagle Club Pond | | | Southeastern Massachusetts | MA | New England |
| 25 | Copicut | | | Southeastern Massachusetts | MA | New England |
| 25 | College Pond | | | Southeastern Massachusetts | MA | New England |
| 25 | Kings Pond | | | Southeastern Massachusetts | MA | New England |
| 25 | Duck Pond | | | Southeastern Massachusetts | MA | New England |
| 25 | Johnson Pd; Factory Pd | | | Southeastern Massachusetts | MA | New England |
| 25 | Sassaquin Pond | | | Southeastern Massachusetts | MA | New England |
| 25 | Deep Pond | | | Southeastern Massachusetts | MA | New England |
| 25 | South Triangle Pond | | | Southeastern Massachusetts | MA | New England |
| 25 | New Long Pond | | | Southeastern Massachusetts | MA | New England |
| 25 | Hedges Pond | | | Southeastern Massachusetts | MA | New England |
| 25 | Ezekiel Pond | | | Southeastern Massachusetts | MA | New England |
| 25 | Little Sandy Pond | | | Southeastern Massachusetts | MA | New England |
| 25 | Weeks Pond | | | Southeastern Massachusetts | MA | New England |
| 25 | Crystal Lake; Fresh Pd | | | Southeastern Massachusetts | MA | New England |
| 25 | Mare Pond | | | Southeastern Massachusetts | MA | New England |
| 25 | Steadman Pond | | | Southwestern Massachusetts | MA | New England |
| 25 | Upper Spectacle Pond | | | Southwestern Massachusetts | MA | New England |
| 25 | Lake Garfield | | | Southwestern Massachusetts | MA | New England |
| 25 | Beaver Pond | | | Southwestern Massachusetts | MA | New England |

| Pub ID | Specific Site Location | Ecosystem Description | Stand Type | Study Area | State | Region Name |
|---|---|---|---|---|---|---|
| 25 | Long Pond | | | Southwestern Massachusetts | MA | New England |
| 25 | Harts Pond; Gogulski Pd | | | Southwestern Massachusetts | MA | New England |
| 25 | Blair Pd; Pixley Pd | | | Southwestern Massachusetts | MA | New England |
| 25 | Brookside Pond | | | Southwestern Massachusetts | MA | New England |
| 25 | Buck Pond | | | Southwestern Massachusetts | MA | New England |
| 25 | Mill Pd;Smiley Mill Pd; | | | Southwestern Massachusetts | MA | New England |
| 25 | Cobble Mtn. Reservoir | | | Southwestern Massachusetts | MA | New England |
| 25 | West Lake | | | Southwestern Massachusetts | MA | New England |
| 25 | Trout Pd 2; Demming Pd | | | Southwestern Massachusetts | MA | New England |
| 25 | Doe Pond | | | Southwestern Massachusetts | MA | New England |
| 25 | LAKE COWLES | | | Central Maine | ME | New England |
| 25 | PAMOLA P | | | Central Maine | ME | New England |
| 25 | BASIN P #2 | | | Central Maine | ME | New England |
| 25 | BASIN P #1 | | | Central Maine | ME | New England |
| 25 | KLONDIKE P | | | Central Maine | ME | New England |
| 25 | ROUND P | | | Central Maine | ME | New England |
| 25 | DAVIS P | | | Central Maine | ME | New England |
| 25 | MINK P | | | Central Maine | ME | New England |
| 25 | DEPOT P | | | Central Maine | ME | New England |
| 25 | CLOUD P | | | Central Maine | ME | New England |
| 25 | GARLAND P (NORTH) | | | Central Maine | ME | New England |
| 25 | CHIMNEY P | | | Central Maine | ME | New England |
| 25 | UNNAMED P | | | Central Maine | ME | New England |
| 25 | CRATER P | | | Central Maine | ME | New England |
| 25 | East Bran | | | Central Maine | ME | New England |
| 25 | GREENWOOD P | | | Central Maine | ME | New England |
| 25 | BLUFF P | | | Central Maine | ME | New England |
| 25 | HELON TAYLOR P | | | Central Maine | ME | New England |
| 25 | ROCKY P | | | Central Maine | ME | New England |
| 25 | ABOL POND | | | Central Maine | ME | New England |
| 25 | CROCKER P | | | Central Eastern Maine | ME | New England |
| 25 | ROUND P | | | Central Eastern Maine | ME | New England |
| 25 | UNNAMED P | | | Central Eastern Maine | ME | New England |
| 25 | SNAIL P | | | Central Eastern Maine | ME | New England |

| Pub ID | Specific Site Location | Ecosystem Description | Stand Type | Study Area | State | Region Name |
|---|---|---|---|---|---|---|
| 25 | LOON P | | | Central Eastern Maine | ME | New England |
| 25 | HUNTER (TOWN LINE) P | | | Central Eastern Maine | ME | New England |
| 25 | WILEY POND | | | Central Eastern Maine | ME | New England |
| 25 | PICKEREL P | | | Central Eastern Maine | ME | New England |
| 25 | BRACEY POND | | | Central Eastern Maine | ME | New England |
| 25 | BRACEY P | | | Central Eastern Maine | ME | New England |
| 25 | SALMON P | | | Central Eastern Maine | ME | New England |
| 25 | KEROSENE P | | | Central Eastern Maine | ME | New England |
| 25 | UNKNOWN P | | | Central Eastern Maine | ME | New England |
| 25 | PEEP L | | | Central Eastern Maine | ME | New England |
| 25 | CRYSTAL P | | | Central Eastern Maine | ME | New England |
| 25 | CRYSTAL POND | | | Central Eastern Maine | ME | New England |
| 25 | BOWMAN P #2 | | | Central Western Maine | ME | New England |
| 25 | DEER P | | | Central Western Maine | ME | New England |
| 25 | BARKER P | | | Central Western Maine | ME | New England |
| 25 | NORTHWEST P | | | Central Western Maine | ME | New England |
| 25 | ROCK P | | | Central Western Maine | ME | New England |
| 25 | BOUNDARY P (SOUTH) | | | Central Western Maine | ME | New England |
| 25 | GRANTS P | | | Central Western Maine | ME | New England |
| 25 | HURRICANE P | | | Central Western Maine | ME | New England |
| 25 | ISLAND P (BIG) | | | Central Western Maine | ME | New England |
| 25 | MOUNTAIN P #1 | | | Central Western Maine | ME | New England |
| 25 | SNOW MOUNTAIN P | | | Central Western Maine | ME | New England |
| 25 | BOWMAN P #1 | | | Central Western Maine | ME | New England |
| 25 | GRANTS P | | | Central Western Maine | ME | New England |
| 25 | DOUGLAS P | | | Central Western Maine | ME | New England |
| 25 | PRICK P | | | Central Western Maine | ME | New England |
| 25 | UNNAMED P | | | Central Western Maine | ME | New England |
| 25 | MOUNTAIN P #2 | | | Central Western Maine | ME | New England |
| 25 | BOUNDARY P | | | Central Western Maine | ME | New England |
| 25 | NO NAME P | | | Central Western Maine | ME | New England |
| 25 | CAMPBELL P | | | Central Western Maine | ME | New England |
| 25 | LIZZIES BOG | | | Central Western Maine | ME | New England |

| Pub ID | Specific Site Location | Ecosystem Description | Stand Type | Study Area | State | Region Name |
|---|---|---|---|---|---|---|
| 25 | CLEARWATER P | | | Central Western Maine | ME | New England |
| 25 | FISH P #1 (LITTLE) | | | Central Western Maine | ME | New England |
| 25 | ISLAND P (LITTLE) | | | Central Western Maine | ME | New England |
| 25 | FLATIRON P | | | Central Western Maine | ME | New England |
| 25 | UNNAMED P | | | Central Western Maine | ME | New England |
| 25 | CRANBERRY P | | | Central Western Maine | ME | New England |
| 25 | ETHEL P | | | Central Western Maine | ME | New England |
| 25 | SADDLEBACK P | | | Central Western Maine | ME | New England |
| 25 | LEDGE P | | | Central Western Maine | ME | New England |
| 25 | EDDY P | | | Central Western Maine | ME | New England |
| 25 | MOOSE AND DEER P | | | Central Western Maine | ME | New England |
| 25 | MIDWAY P | | | Central Western Maine | ME | New England |
| 25 | ROCK P | | | Central Western Maine | ME | New England |
| 25 | KAMANKEAG P | | | Central Western Maine | ME | New England |
| 25 | PINNACLE P | | | Central Western Maine | ME | New England |
| 25 | BEANS (BEAN) P | | | Central Western Maine | ME | New England |
| 25 | L POND | | | Central Western Maine | ME | New England |
| 25 | SADDLEBACK P (LT) | | | Central Western Maine | ME | New England |
| 25 | THE HORNS P | | | Central Western Maine | ME | New England |
| 25 | TIM P | | | Central Western Maine | ME | New England |
| 25 | MACDOUGALL P | | | Central Western Maine | ME | New England |
| 25 | DIMMICK P (MOUNTAIN) | | | Central Western Maine | ME | New England |
| 25 | CUPSUPTIC P | | | Central Western Maine | ME | New England |
| 25 | SUNDAY P | | | Central Western Maine | ME | New England |
| 25 | WHITE CAP P | | | Central Western Maine | ME | New England |
| 25 | SECRET P | | | Central Western Maine | ME | New England |
| 25 | BLACK P (LOWER) | | | Central Western Maine | ME | New England |
| 25 | HIGH P | | | Central Western Maine | ME | New England |
| 25 | HELEN P | | | Central Western Maine | ME | New England |
| 25 | BEAN POND | | | Central Western Maine | ME | New England |
| 25 | CURRIER P (FOURTH) | | | North Central Maine | ME | New England |
| 25 | P W CARSON RD | | | Northeastern Maine | ME | New England |
| 25 | DEEP L #1 | | | Northeastern Maine | ME | New England |

| Pub ID | Specific Site Location | Ecosystem Description | Stand Type | Study Area | State | Region Name |
|---|---|---|---|---|---|---|
| 25 | CARRY L | | | Northeastern Maine | ME | New England |
| 25 | LOST P | | | Northwestern Maine | ME | New England |
| 25 | NEWBERT POND | | | South Central Maine | ME | New England |
| 25 | Bog | | | South Central Maine | ME | New England |
| 25 | GRASSY P | | | Southeastern Maine | ME | New England |
| 25 | BLACK BROOK P #6 | | | Southeastern Maine | ME | New England |
| 25 | P SSE UNKNOWN P | | | Southeastern Maine | ME | New England |
| 25 | BLACK BROOK P (2ND) | | | Southeastern Maine | ME | New England |
| 25 | DUCK POND | | | Southeastern Maine | ME | New England |
| 25 | LILY L | | | Southeastern Maine | ME | New England |
| 25 | DUCK P | | | Southeastern Maine | ME | New England |
| 25 | BARREN P | | | Southeastern Maine | ME | New England |
| 25 | LONG P | | | Southeastern Maine | ME | New England |
| 25 | BLACK BROOK P (1ST) | | | Southeastern Maine | ME | New England |
| 25 | PRETTY P | | | Southeastern Maine | ME | New England |
| 25 | DUCK P | | | Southeastern Maine | ME | New England |
| 25 | GOOSE P | | | Southeastern Maine | ME | New England |
| 25 | BLACK BROOK P #5 | | | Southeastern Maine | ME | New England |
| 25 | ROCKY L | | | Southeastern Maine | ME | New England |
| 25 | DEAD P | | | Southeastern Maine | ME | New England |
| 25 | HADLEY L #1 | | | Southeastern Maine | ME | New England |
| 25 | HADLEY L #2 | | | Southeastern Maine | ME | New England |
| 25 | P E OF PICKEREL | | | Southeastern Maine | ME | New England |
| 25 | OAK P | | | Southeastern Maine | ME | New England |
| 25 | PARTRIDGE POND | | | Southeastern Maine | ME | New England |
| 25 | MUD POND | | | Southeastern Maine | ME | New England |
| 25 | MORRISON P | | | Southeastern Maine | ME | New England |
| 25 | JELLISON POND | | | Southeastern Maine | ME | New England |
| 25 | BLUNTS P | | | Southeastern Maine | ME | New England |
| 25 | SIMMONS P | | | Southeastern Maine | ME | New England |
| 25 | P SE SCHOODIC TO | | | Southeastern Maine | ME | New England |
| 25 | SALMON POND | | | Southeastern Maine | ME | New England |
| 25 | TILDEN POND | | | Southeastern Maine | ME | New England |
| 25 | LITTLE LONG P | | | Southeastern Maine | ME | New England |

| Pub ID | Specific Site Location | Ecosystem Description | Stand Type | Study Area | State | Region Name |
|---|---|---|---|---|---|---|
| 25 | ANDERSON POND | | | Southeastern Maine | ME | New England |
| 25 | MEYERS P (SOUTH) | | | Southeastern Maine | ME | New England |
| 25 | SCHOODIC L | | | Southeastern Maine | ME | New England |
| 25 | HORSESHOE P | | | Southeastern Maine | ME | New England |
| 25 | PIKE BROOK P (WEST) | | | Southeastern Maine | ME | New England |
| 25 | UNNAMED P | | | Southeastern Maine | ME | New England |
| 25 | PIKE BROOK P (EAST) | | | Southeastern Maine | ME | New England |
| 25 | YOUNGS P | | | Southeastern Maine | ME | New England |
| 25 | SECOND POND | | | Southeastern Maine | ME | New England |
| 25 | P E OF PINEO P | | | Southeastern Maine | ME | New England |
| 25 | MEYERS P (NORTH) | | | Southeastern Maine | ME | New England |
| 25 | PINEO P | | | Southeastern Maine | ME | New England |
| 25 | TUNK LAKE | | | Southeastern Maine | ME | New England |
| 25 | SURPLUS P | | | Southwestern Maine | ME | New England |
| 25 | JOE P | | | Southwestern Maine | ME | New England |
| 25 | Peverly Pond | | | Southwestern Maine | ME | New England |
| 25 | STUART P | | | Southwestern Maine | ME | New England |
| 25 | HAMILTON P | | | Southwestern Maine | ME | New England |
| 25 | P W PINKHAMS COV | | | Southwestern Maine | ME | New England |
| 25 | SPECK P | | | Southwestern Maine | ME | New England |
| 25 | NORTH P | | | Southwestern Maine | ME | New England |
| 25 | PENNY P | | | Southwestern Maine | ME | New England |
| 25 | MUD P | | | Southwestern Maine | ME | New England |
| 25 | YORK P | | | Southwestern Maine | ME | New England |
| 25 | CHAMBERLAIN P | | | Southwestern Maine | ME | New England |
| 25 | LILY BAY P | | | Southwestern Maine | ME | New England |
| 25 | WELLMAN P | | | Southwestern Maine | ME | New England |
| 25 | BEAN P | | | Southwestern Maine | ME | New England |
| 25 | GOULD P | | | Southwestern Maine | ME | New England |
| 25 | EMERY (MUD) P | | | Southwestern Maine | ME | New England |
| 25 | DOCTOR P | | | Southwestern Maine | ME | New England |
| 25 | SILVER L | | | Southwestern Maine | ME | New England |
| 25 | MUSKRAT P | | | Southwestern Maine | ME | New England |
| 25 | Lily Pond | | | Southwestern Maine | ME | New England |

| Pub ID | Specific Site Location | Ecosystem Description | Stand Type | Study Area | State | Region Name |
|---|---|---|---|---|---|---|
| 25 | WITHAM P | | | Southwestern Maine | ME | New England |
| 25 | TYLER P | | | Southwestern Maine | ME | New England |
| 25 | FAIRBANKS P | | | Southwestern Maine | ME | New England |
| 25 | SWIFT RIVER P (LIT) | | | Southwestern Maine | ME | New England |
| 25 | ROUND PON | | | Southwestern Maine | ME | New England |
| 25 | CRYSTAL (BEALS) P | | | Southwestern Maine | ME | New England |
| 25 | MOUNTAIN P | | | Southwestern Maine | ME | New England |
| 25 | AZISCOHOS P | | | Southwestern Maine | ME | New England |
| 25 | MOUNTAIN | | | Southwestern Maine | ME | New England |
| 25 | MUD P | | | Southwestern Maine | ME | New England |
| 25 | UNNAMED P | | | Southwestern Maine | ME | New England |
| 25 | BEAVER P | | | Southwestern Maine | ME | New England |
| 25 | TOOTHAKER P | | | Southwestern Maine | ME | New England |
| 25 | SOUTH (PINE TREE) P | | | Southwestern Maine | ME | New England |
| 25 | WITHAM BOG | | | Southwestern Maine | ME | New England |
| 25 | UNNAMED P | | | Southwestern Maine | ME | New England |
| 25 | TUMBLEDOWN P | | | Southwestern Maine | ME | New England |
| 25 | MOXIE P | | | Southwestern Maine | ME | New England |
| 25 | LONG P | | | Southwestern Maine | ME | New England |
| 25 | SWIFT RIVER P | | | Southwestern Maine | ME | New England |
| 25 | SABBATH DAY P | | | Southwestern Maine | ME | New England |
| 25 | ROUND P | | | Southwestern Maine | ME | New England |
| 25 | ROUND P | | | Southwestern Maine | ME | New England |
| 25 | SPENCER P | | | Southwestern Maine | ME | New England |
| 25 | SOUTHWEST P | | | Southwestern Maine | ME | New England |
| 25 | UNNAMED P | | | Southwestern Maine | ME | New England |
| 25 | JACKSON P | | | Southwestern Maine | ME | New England |
| 25 | ROUND COVE P | | | Southwestern Maine | ME | New England |
| 25 | SAND P | | | Southwestern Maine | ME | New England |
| 25 | ROUND P | | | Southwestern Maine | ME | New England |
| 25 | ROUND P | | | Southwestern Maine | ME | New England |
| 25 | OLD FISHING P | | | Southwestern Maine | ME | New England |
| 25 | CURTIS P | | | Southwestern Maine | ME | New England |
| 25 | ISLAND P | | | Southwestern Maine | ME | New England |

| Pub ID | Specific Site Location | Ecosystem Description | Stand Type | Study Area | State | Region Name |
|---|---|---|---|---|---|---|
| 25 | LONG P (LITTLE) | | | Southwestern Maine | ME | New England |
| 25 | ROUND P | | | Southwestern Maine | ME | New England |
| 25 | SAND P | | | Southwestern Maine | ME | New England |
| 25 | ROCK P | | | Southwestern Maine | ME | New England |
| 25 | DEER P | | | Southwestern Maine | ME | New England |
| 25 | PARKER (BARKER) P | | | Southwestern Maine | ME | New England |
| 25 | WALES P | | | Southwestern Maine | ME | New England |
| 25 | OTTER P #2 | | | Southwestern Maine | ME | New England |
| 25 | OTTER P #1 | | | Southwestern Maine | ME | New England |
| 25 | BLACK(BLACK SNAKE) P | | | Southwestern Maine | ME | New England |
| 25 | LILY P | | | Southwestern Maine | ME | New England |
| 25 | DEAD P | | | Southwestern Maine | ME | New England |
| 25 | P NE OF POLAND S | | | Southwestern Maine | ME | New England |
| 25 | LILY P | | | Southwestern Maine | ME | New England |
| 25 | LARD P | | | Southwestern Maine | ME | New England |
| 25 | OTTER P #3 | | | Southwestern Maine | ME | New England |
| 25 | ROUND P | | | Southwestern Maine | ME | New England |
| 25 | MUD P | | | Southwestern Maine | ME | New England |
| 25 | unnamed pond | | | Southwestern Maine | ME | New England |
| 25 | LONG P | | | Southwestern Maine | ME | New England |
| 25 | ROUND P | | | Southwestern Maine | ME | New England |
| 25 | CLAY P | | | Southwestern Maine | ME | New England |
| 25 | SAND P | | | Southwestern Maine | ME | New England |
| 25 | OTTER P #4 | | | Southwestern Maine | ME | New England |
| 25 | SANDY BOTTOM P | | | Southwestern Maine | ME | New England |
| 25 | THREE PONDS, MIDDLE | | | Central New Hampshire | NH | New England |
| 25 | WACHIPAUKA POND | | | Central New Hampshire | NH | New England |
| 25 | THREE PONDS, UPPER | | | Central New Hampshire | NH | New England |
| 25 | PEAKED HILL POND | | | Central New Hampshire | NH | New England |
| 25 | BLACK MOUNTAIN POND | | | Central New Hampshire | NH | New England |
| 25 | STINSON LAKE | | | Central New Hampshire | NH | New England |

| Pub ID | Specific Site Location | Ecosystem Description | Stand Type | Study Area | State | Region Name |
|---|---|---|---|---|---|---|
| 25 | FLAT MOUNTAIN POND (1&2) | | | Central New Hampshire | NH | New England |
| 25 | RUSSELL POND | | | Central New Hampshire | NH | New England |
| 25 | Russell P | | | Central New Hampshire | NH | New England |
| 25 | GREELEY POND (UPPER) | | | Central New Hampshire | NH | New England |
| 25 | BLACK POND | | | Central New Hampshire | NH | New England |
| 25 | ECHO LAKE | | | Central New Hampshire | NH | New England |
| 25 | GUINEA POND | | | Central New Hampshire | NH | New England |
| 25 | SAWYER POND, LITTLE | | | Central New Hampshire | NH | New England |
| 25 | LONESOME LAKE | | | Central New Hampshire | NH | New England |
| 25 | HALL POND, MIDDLE | | | Central New Hampshire | NH | New England |
| 25 | DERBY POND | | | Central New Hampshire | NH | New England |
| 25 | SPECTACLE POND | | | Central New Hampshire | NH | New England |
| 25 | LOON LAKE | | | Central New Hampshire | NH | New England |
| 25 | ROCKY POND | | | Central New Hampshire | NH | New England |
| 25 | Branch | | | Southern Vermont | VT | New England |
| 25 | Howe | | | Southern Vermont | VT | New England |
| 25 | Stamford | | | Southern Vermont | VT | New England |
| 25 | Haystack | | | Southern Vermont | VT | New England |
| 25 | Sunset | | | Southern Vermont | VT | New England |
| 25 | Little | | | Southern Vermont | VT | New England |
| 25 | Somerset | | | Southern Vermont | VT | New England |
| 25 | Forester | | | Southern Vermont | VT | New England |
| 25 | Bourn | | | Southern Vermont | VT | New England |
| 25 | Big Mud | | | Southern Vermont | VT | New England |
| 25 | Grout | | | Southern Vermont | VT | New England |
| 25 | Beaver | | | Northeastern Vermont | VT | New England |
| 25 | Hardwood | | | North Central Vermont | VT | New England |
| 25 | COOKS POND | | | Central Eastern New Hampshire | NH | New England |
| 25 | Ivanhoe P | | | Central Eastern New Hampshire | NH | New England |

| Pub ID | Specific Site Location | Ecosystem Description | Stand Type | Study Area | State | Region Name |
|---|---|---|---|---|---|---|
| 25 | WHITE LAKE | | | Central Eastern New Hampshire | NH | New England |
| 25 | CONNER POND | | | Central Eastern New Hampshire | NH | New England |
| 25 | TROUT POND | | | Central Western New Hampshire | NH | New England |
| 25 | HALFMILE POND | | | Central Western New Hampshire | NH | New England |
| 25 | COLE POND | | | Central Western New Hampshire | NH | New England |
| 25 | Miller Po | | | Central Western New Hampshire | NH | New England |
| 25 | FOUR MILE POND | | | Northern New Hampshire | NH | New England |
| 25 | WHITCOMB POND | | | Northern New Hampshire | NH | New England |
| 25 | TRIO PONDS, ONE AND TWO | | | Northern New Hampshire | NH | New England |
| 25 | WRIGHT POND | | | Northern New Hampshire | NH | New England |
| 25 | DUSTAN POND | | | Northern New Hampshire | NH | New England |
| 25 | CORSER POND | | | Northern New Hampshire | NH | New England |
| 25 | CRANBERRY BOG POND | | | Northern New Hampshire | NH | New England |
| 25 | SWEAT POND | | | Northern New Hampshire | NH | New England |
| 25 | SIGNAL POND | | | Northern New Hampshire | NH | New England |
| 25 | Pratt Pon | | | South Central New Hampshire | NH | New England |
| 25 | Gregg Pon | | | South Central New Hampshire | NH | New England |
| 25 | Island Po | | | South Central New Hampshire | NH | New England |
| 25 | LOON POND | | | South Central New Hampshire | NH | New England |
| 25 | PLEASANT LAKE | | | Southeastern New Hampshire | NH | New England |
| 25 | BOW LAKE | | | Southeastern New Hampshire | NH | New England |
| 25 | Hodge Pon | | | Southwestern New Hampshire | NH | New England |

| Pub ID | Specific Site Location | Ecosystem Description | Stand Type | Study Area | State | Region Name |
|---|---|---|---|---|---|---|
| **25** | Pisgah | | | Southwestern New Hampshire | NH | New England |
| **25** | STONE POND | | | Southwestern New Hampshire | NH | New England |
| **25** | DUBLIN POND | | | Southwestern New Hampshire | NH | New England |
| **25** | Skatutake | | | Southwestern New Hampshire | NH | New England |
| **25** | Seaver's | | | Southwestern New Hampshire | NH | New England |
| **25** | Child's B | | | Southwestern New Hampshire | NH | New England |
| **25** | SILVER LAKE | | | Southwestern New Hampshire | NH | New England |
| **25** | CENTER POND | | | Southwestern New Hampshire | NH | New England |
| **25** | NUBANUSIT LAKE | | | Southwestern New Hampshire | NH | New England |
| **25** | GRANITE LAKE | | | Southwestern New Hampshire | NH | New England |
| **25** | COLD SPRING POND | | | Southwestern New Hampshire | NH | New England |
| **25** | Highland | | | Southwestern New Hampshire | NH | New England |
| **25** | SOLITUDE, LAKE | | | Southwestern New Hampshire | NH | New England |
| **25** | North Pon | | | Southwestern New Hampshire | NH | New England |
| **25** | May Pond | | | Southwestern New Hampshire | NH | New England |
| **25** | LONG POND | | | Southwestern New Hampshire | NH | New England |
| **25** | MILLEN POND | | | Southwestern New Hampshire | NH | New England |
| **25** | Quidnick | | | Westcentral Rhode Island | RI | New England |
| **13** | Craters of the Moon Nat'l Monument | arid climate; Class I sensitive site; shallow acidic soils, high % of exposed bedrock, snowmelt an import run-off component | coniferous | Craters of the Moon N.M. | ID | Mountain |
| **13** | Crater Lake Nat'l Park | very deep lake (589m); wet mountain climate; Class I sensitive site; shallow acidic soils; high % of exposed bedrock; snowmelt an import run-off component | coniferous | Crater Lake N.P. | OR | Pacific |
| **13** | Olympic Nat'l Park | many glaciers; wet mountain climate; Class I sensitive site, shallow acidic soils, high % of exposed bedrock, snowmelt an import run-off component; alpine and subalpine climate present; temperate rainforest | coniferous | Olympic N.P. | WA | Pacific |
| **13** | Mt. Rainier Nat'l Park | many glaciers; wet mountain climate; Class I sensitive site, shallow acidic soils, high % of exposed bedrock, snowmelt an import run-off component | coniferous | Mt. Rainier N.P. | WA | Pacific |

| Pub ID | Specific Site Location | Ecosystem Description | Stand Type | Study Area | State | Region Name |
|---|---|---|---|---|---|---|
| **13** | N. Cascades Nat'l Park | many glaciers; wet mountain climate; Class I sensitive site, shallow acidic soils, high % of exposed bedrock, snowmelt an import run-off component; alpine and subalpine climate present | coniferous | North Cascades N.P. | WA | Pacific |
| **3** | Receptor 6 - Garret County | non-tidal streams (reach>0.3km), with no impoundment/acid mine drainage influence | N/A | Maryland streams | MD | South Atlantic |
| **3** | Receptor 14 | non-tidal streams (reach>0.3km), with no impoundment/acid mine drainage influence | N/A | Maryland streams | MD | South Atlantic |
| **3** | Receptor 4 - Garret County | non-tidal streams (reach>0.3km), with no impoundment/acid mine drainage influence | N/A | Maryland streams | MD | South Atlantic |
| **3** | Receptor 67 - | non-tidal streams (reach>0.3km), with no impoundment/acid mine drainage influence | N/A | Maryland streams | MD | South Atlantic |
| **3** | Receptor 41 - Anne Arundel County | non-tidal streams (reach>0.3km), with no impoundment/acid mine drainage influence | N/A | Maryland streams | MD | South Atlantic |
| **3** | Receptor 47 - Calvert/St.Mary's County | non-tidal streams (reach>0.3km), with no impoundment/acid mine drainage influence | N/A | Maryland streams | MD | South Atlantic |
| **3** | Receptor 8 - Garret County | non-tidal streams (reach>0.3km), with no impoundment/acid mine drainage influence | N/A | Maryland streams | MD | South Atlantic |
| **3** | Receptor 66 - Wicomico/Somerset County | non-tidal streams (reach>0.3km), with no impoundment/acid mine drainage influence | N/A | Maryland streams | MD | South Atlantic |
| **3** | Receptor 13 - Allegany County | non-tidal streams (reach>0.3km), with no impoundment/acid mine drainage influence | N/A | Maryland streams | MD | South Atlantic |

| Pub ID | Specific Site Location | Ecosystem Description | Stand Type | Study Area | State | Region Name |
|---|---|---|---|---|---|---|
| **16** | Boundary Waters Canoe Wilderness Area | Class I wilderness; continental polar climate; recently glaciated metamorphic and igneous rock; very thin, nutrient-poor apodosis of low CEC and ANC, high in Fe and Al; many large lakes | mixed | Boundary Waters Canoe Wilderness Area | MN | West North Central |
| **16** | Joyce Kilmer/Slickrock Wilderness | Class I wilderness; cove and upland hardwoods dominate; warm, humid climate with abundant, uniform precipitation; deep, moist to shallow, dry soils; sedimentary geology; many streams | mixed | Joyce Kilmer/Slickrock Wilderness | NC,TN | South Atlantic |
| **16** | Otter Creek | Class I wilderness; cool, humid climate with abundant, uniform precipitation; perennial streams common; waters generally acidic and low in productivity; soils mod. deep to deep with base saturation <35 to 50% and are high in Fe and Al; northern hardwoods | mixed | Otter Creek Wilderness | WV | South Atlantic |
| **16** | Bob Marshall Wilderness Area | Class I wilderness; varied, glaciated bedrock; cool, moist soils with base saturation 25-50%; 4-8 inch volcanic ash surface; snow fall 50-80% of annual precipitation | coniferous | Bob Marshall Wilderness Area | MT | Mountain |
| **16** | Bridger Wilderness Area | Class I wilderness; mostly glaciated granitic bedrock; many lakes; vegetation primarily alpine and subalpine; precipitation mainly snow; cold wet soils with base saturations <25% | alpine | Bridger Wilderness Area | WY | Mountain |
| **16** | Superstition Wilderness | Class I wilderness; ephemeral streams; warm semi-arid to arid climate; deep, dry forest soil with base saturation >50%; charparral, desert shrub and juniper vegetation | desert | Superstition Wilderness | AZ | Mountain |
| **16** | Alpine Lakes Wilderness Area | Class I wilderness; high precipitation; snowmelt is a major contributor to stream flow | coniferous | Alpine Lakes Wilderness Area | WA | Pacific |

| Pub ID | Specific Site Location | Ecosystem Description | Stand Type | Study Area | State | Region Name |
|---|---|---|---|---|---|---|
| **16** | Hoover Wilderness | Class I wilderness; recently glaciated canyons of granite and meta-volcanics; soils weakly developed from bedrock and are low in productivity; 11% vegetation cover (timber); alpine and subalpine vegetation | coniferous | Hoover Wilderness | CA | Pacific |
| **16** | San Gorgonio wilderness | Class I wilderness; diverse geology; Mediterranean climate; dry soils with base saturations ~50%; chaparral to pine forest to alpine vegetation | coniferous | San Gorgonio wilderness | CA | Pacific |
| **67** | Neuse River Basin | forests, agricultural land, herbaceous vegetation, barren land, herbaceous wetlands, woody wetlands, surface water, low to medium density urban areas, and high-density urban | mixed | Neuse River Basin | NC | South Atlantic |
| **1** | Region 3: Blue Ridge | non-tidal streams, reach>0.3km and watershed areas<100 km2, with no impoundment, major point source discharge, or acid mine drainage influence | N/A | Maryland streams | MD | South Atlantic |
| **1** | Region 8: South Coastal Plain, East Shore | non-tidal streams, reach>0.3km and watershed areas<100 km2, with no impoundment, major point source discharge, or acid mine drainage influence | N/A | Maryland streams | MD | South Atlantic |
| **1** | Region 7: South Coastal Plain, West Shore | non-tidal streams, reach>0.3km and watershed areas<100 km2, with no impoundment, major point source discharge, or acid mine drainage influence | N/A | Maryland streams | MD | South Atlantic |
| **1** | Region 6: North Coastal Plain, East Shore | non-tidal streams, reach>0.3km and watershed areas<100 km2, with no impoundment, major point source discharge, or acid mine drainage influence | N/A | Maryland streams | MD | South Atlantic |
| **1** | Region 4: Piedmont | non-tidal streams, reach>0.3km and watershed areas<100 km2, with no impoundment, major point source discharge, or acid mine drainage influence | N/A | Maryland streams | MD | South Atlantic |

| Pub ID | Specific Site Location | Ecosystem Description | Stand Type | Study Area | State | Region Name |
|---|---|---|---|---|---|---|
| **1** | Region 2: Valley and Ridge | non-tidal streams, reach>0.3km and watershed areas<100 km2, with no impoundment, major point source discharge, or acid mine drainage influence | N/A | Maryland streams | MD | South Atlantic |
| **1** | Region 1: Appalachian Plateau | non-tidal streams, reach>0.3km and watershed areas<100 km2, with no impoundment, major point source discharge, or acid mine drainage influence | N/A | Maryland streams | MD | South Atlantic |
| **1** | Region 5: North Coastal Plain, West Shore | non-tidal streams, reach>0.3km and watershed areas<100 km2, with no impoundment, major point source discharge, or acid mine drainage influence | N/A | Maryland streams | MD | South Atlantic |
| **131** | Adirondack lakes | lakes | | Adirondack S.P | NY | Middle Atlantic |
| **70** | Arctic and alpine heaths | Arctic and alpine heaths | alpine | Arctic and alpine heaths | USA | National |
| **70** | Acidic (managed) coniferous forest | Acidic (managed) coniferous forest | coniferous | Acidic (managed) coniferous forest | USA | National |
| **70** | Acidic (managed) deciduous forest | Acidic (managed) deciduous forest | deciduous | Acidic (managed) deciduous forest | USA | National |
| **70** | Calcareous species-rich grassland | Calcareous species-rich grassland | grassland | Calcareous species-rich grassland | USA | National |
| **70** | Montane-subalpine grassland | Montane-subalpine grassland | grassland | Montane-subalpine grassland | USA | National |
| **70** | Neutral-acid–species-rich grassland | Neutral-acid–species-rich grassland | grassland | Neutral-acid–species-rich grassland | USA | National |
| **70** | Species-rich heaths/acidic grasslands | Species-rich heaths/acidic grasslands | grassland | Species-rich heaths/acidic grasslands | USA | National |
| **70** | Forests on calcareous soil | Forests on calcareous soil | mixed | Forests on calcareous soil | USA | National |
| **70** | Forests on silicate soil | Forests on silicate soil | mixed | Forests on silicate soil | USA | National |
| **70** | Lowland dry-heathland | Lowland dry-heathland | N/A | Lowland dry-heathland | USA | National |
| **70** | Lowland wet-heathland | Lowland wet-heathland | N/A | Lowland wet-heathland | USA | National |
| **70** | Mesotrophic fens | Mesotrophic fens | N/A | Mesotrophic fens | USA | National |
| **70** | Ombotrophic bogs | Ombotrophic bogs | N/A | Ombotrophic bogs | USA | National |
| **129** | Black Pond, Lincoln | acid-impaired lake | | Central New Hampshire | NH | New England |
| **129** | Echo Lake, Franconia | acid-impaired lake | | Central New Hampshire | NH | New England |
| **129** | Loon Lake, Plymouth | acid-impaired lake | | Central New Hampshire | NH | New England |

| Pub ID | Specific Site Location | Ecosystem Description | Stand Type | Study Area | State | Region Name |
|---|---|---|---|---|---|---|
| **129** | Lonesome Lake, Lincoln | acid-impaired lake | | Central New Hampshire | NH | New England |
| **129** | Black Mountain Pond, Sandwich | acid-impaired lake | | Central New Hampshire | NH | New England |
| **129** | Greeley Pond (Upper), Livermore | acid-impaired lake | | Central New Hampshire | NH | New England |
| **129** | Flat Mountain Pond (1&2), Waterville | acid-impaired lake | | Central New Hampshire | NH | New England |
| **129** | East Pond, Livermore | acid-impaired lake | | Central New Hampshire | NH | New England |
| **129** | Hall Pond, Middle Sandwich | acid-impaired lake | | Central New Hampshire | NH | New England |
| **129** | Sawyer Pond, Little Livermore | acid-impaired lake | | Central New Hampshire | NH | New England |
| **129** | Stinson Lake, Rumney | acid-impaired lake | | Central New Hampshire | NH | New England |
| **129** | Russell Pond, Woodstock | acid-impaired lake | | Central New Hampshire | NH | New England |
| **129** | Spectacle Pond, Groton | acid-impaired lake | | Central New Hampshire | NH | New England |
| **129** | Peaked Hill Pond, Thornton | acid-impaired lake | | Central New Hampshire | NH | New England |
| **129** | Ivanhoe Lake, Wakefield | acid-impaired lake | | Central Eastern New Hampshire | NH | New England |
| **129** | Conner Pond, Ossipee | acid-impaired lake | | Central Eastern New Hampshire | NH | New England |
| **129** | White Lake, Tamworth | acid-impaired lake | | Central Eastern New Hampshire | NH | New England |
| **129** | Carter Pond, Upper Beans Purchase | acid-impaired lake | | Central Eastern New Hampshire | NH | New England |
| **129** | Derby Pond, Canaan | acid-impaired lake | | Central Western New Hampshire | NH | New England |
| **129** | Constance Lake, Piermont | acid-impaired lake | | Central Western New Hampshire | NH | New England |
| **129** | Wachipauka Pond, Warren | acid-impaired lake | | Central Western New Hampshire | NH | New England |
| **129** | Cole Pond, Enfield | acid-impaired lake | | Central Western New Hampshire | NH | New England |
| **129** | Halfmile Pond, Enfield | acid-impaired lake | | Central Western New Hampshire | NH | New England |

| Pub ID | Specific Site Location | Ecosystem Description | Stand Type | Study Area | State | Region Name |
|---|---|---|---|---|---|---|
| **129** | Armington Lake, Piermont | acid-impaired lake | | Central Western New Hampshire | NH | New England |
| **129** | Sweat Pond, Errol | acid-impaired lake | | Northern New Hampshire | NH | New England |
| **129** | Corser Pond, Errol | acid-impaired lake | | Northern New Hampshire | NH | New England |
| **129** | Bog Pond, Little Odell | acid-impaired lake | | Northern New Hampshire | NH | New England |
| **129** | Darrah Pond, Litchfield | acid-impaired lake | | South Central New Hampshire | NH | New England |
| **129** | Knowles Pond, Northfield | acid-impaired lake | | South Central New Hampshire | NH | New England |
| **129** | Cold Pond, Andover | acid-impaired lake | | South Central New Hampshire | NH | New England |
| **129** | Northwood Lake, Northwood | acid-impaired lake | | Southeastern New Hampshire | NH | New England |
| **129** | Jenness Pond, Northwood | acid-impaired lake | | Southeastern New Hampshire | NH | New England |
| **129** | Long Pond, Northwood | acid-impaired lake | | Southeastern New Hampshire | NH | New England |
| **129** | Bow Lake, Strafford | acid-impaired lake | | Southeastern New Hampshire | NH | New England |
| **129** | Ayers Pond, Barrington | acid-impaired lake | | Southeastern New Hampshire | NH | New England |
| **129** | Suncook Pond, Lower Barnstead | acid-impaired lake | | Southeastern New Hampshire | NH | New England |
| **129** | Pleasant Lake, Deerfield | acid-impaired lake | | Southeastern New Hampshire | NH | New England |
| **129** | Thorndike Pond, Jaffrey | acid-impaired lake | | Southwestern New Hampshire | NH | New England |
| **129** | Gilmore Pond, Jaffrey | acid-impaired lake | | Southwestern New Hampshire | NH | New England |
| **129** | Granite Lake, Stoddard | acid-impaired lake | | Southwestern New Hampshire | NH | New England |
| **129** | Frost Pond, Jaffrey | acid-impaired lake | | Southwestern New Hampshire | NH | New England |
| **129** | Gregg Lake, Antrim | acid-impaired lake | | Southwestern New Hampshire | NH | New England |
| **129** | Millen Pond, Washington | acid-impaired lake | | Southwestern New Hampshire | NH | New England |
| **129** | Pecker Pond, Rindge | acid-impaired lake | | Southwestern New Hampshire | NH | New England |
| **129** | Pratt Pond, New Ipswich | acid-impaired lake | | Southwestern New Hampshire | NH | New England |
| **129** | Rockwood Pond, Fitzwilliam | acid-impaired lake | | Southwestern New Hampshire | NH | New England |
| **129** | Sand Pond, Marlow | acid-impaired lake | | Southwestern New Hampshire | NH | New England |
| **129** | Silver Lake, Harrisville | acid-impaired lake | | Southwestern New Hampshire | NH | New England |
| **129** | Skatutakee Lake, Harrisville | acid-impaired lake | | Southwestern New Hampshire | NH | New England |

| Pub ID | Specific Site Location | Ecosystem Description | Stand Type | Study Area | State | Region Name |
|---|---|---|---|---|---|---|
| **129** | Solitude Lake, Newbury | acid-impaired lake | | Southwestern New Hampshire | NH | New England |
| **129** | Monomonac Lake, Rindge | acid-impaired lake | | Southwestern New Hampshire | NH | New England |
| **129** | Stone Pond, Marlborough | acid-impaired lake | | Southwestern New Hampshire | NH | New England |
| **129** | May Pond, Washington | acid-impaired lake | | Southwestern New Hampshire | NH | New England |
| **129** | Long Pond, Lempster | acid-impaired lake | | Southwestern New Hampshire | NH | New England |
| **129** | Ledge Pond, Sunapee | acid-impaired lake | | Southwestern New Hampshire | NH | New England |
| **129** | Laurel Lake, Fitzwilliam | acid-impaired lake | | Southwestern New Hampshire | NH | New England |
| **129** | Island Pond, Washington | acid-impaired lake | | Southwestern New Hampshire | NH | New England |
| **129** | Harrisville Pond, Harrisville | acid-impaired lake | | Southwestern New Hampshire | NH | New England |
| **129** | Nubanusit Lake, Nelson | acid-impaired lake | | Southwestern New Hampshire | NH | New England |
| **129** | Dutchman Pond, Springfield | acid-impaired lake | | Southwestern New Hampshire | NH | New England |
| **129** | Cass Pond, Richmond | acid-impaired lake | | Southwestern New Hampshire | NH | New England |
| **129** | Dublin Pond, Dublin | acid-impaired lake | | Southwestern New Hampshire | NH | New England |
| **129** | Cold Spring Pond, Stoddard | acid-impaired lake | | Southwestern New Hampshire | NH | New England |
| **129** | Center Pond, Nelson | acid-impaired lake | | Southwestern New Hampshire | NH | New England |
| **129** | Chalk Pond, Newbury | acid-impaired lake | | Southwestern New Hampshire | NH | New England |
| **27** | IFS site: MS - Howland Forest spruce-fir site | landform:till, restricted drainage; annual climate values: pptn= 990mm, AET= 530mm; temp= 6.4C; soil depth 0.52 cm; sandy soil; spruce | coniferous | Howland Forest | ME | New England |
| **27** | IFS site: WF- Whiteface Mt. | landform: till; annual climate values: pptn= 1150mm, AET= 390mm; temp= 10C; soil depth 0.41 cm; sandy soil; spruce/fir | coniferous | Adirondack S.P | NY | Middle Atlantic |
| **27** | IFS site: HF- Huntington Forest | landform: till; annual climate values: pptn= 970mm, AET= 530mm; temp= 10C; soil depth 0.58 cm; sandy soil; mixed northern hardwood | deciduous | Adirondack S.P | NY | Middle Atlantic |
| **27** | IFS site: DL - Dailey Tract Loblolly pine, Duke Forest | landform: residual, farming history; annual climate values: pptn= 1130mm, AET= 730mm; temp= 15.6C; soil depth 0.60 cm; clay-dominated soil; loblolly pine | coniferous | Duke Forest | NC | South Atlantic |

| Pub ID | Specific Site Location | Ecosystem Description | Stand Type | Study Area | State | Region Name |
|---|---|---|---|---|---|---|
| **27** | IFS site: FS- Florida pine site | landform: marine, restricted drainage; annual climate values: pptn= 1120mm, AET= 750mm; temp= 20.6C; soil depth 0.60 cm; sandy soil; slash pine | coniferous | Florida IFS Site | FL | South Atlantic |
| **27** | IFS site: GL - Grant Forest Loblolly stand | landform: residual, restricted drainage; annual climate values: pptn= 870mm, AET= 630mm; temp= 18.9C; soil depth 0.8 cm; sandy soil; loblolly pine | coniferous | B.F.Grant Memorial Forest | GA | South Atlantic |
| **27** | IFS site: CH - Coweeta-hardwood stand in watershed 2 | landform: colluvium, site likely influenced by seepage; annual climate values: pptn= 1380mm, AET= 910mm; temp= 15.3C; soil depth 0.67 cm; sandy soil; hardwoods | deciduous | Coweeta Basin | NC | South Atlantic |
| **27** | IFS site: CP - Coweeta-pine stand in watershed 1 | landform: colluvium; annual climate values: pptn= 1440mm, AET= 710mm; temp= 15.3C; soil depth 0.67 cm; sandy soil; white pine | coniferous | Coweeta Basin | NC | South Atlantic |
| **27** | IFS site: ST- Great Smoky Mountains- Tower site | landform: residual; annual climate values: pptn= 2440mm, AET= 470mm; temp= 15.3C; soil depth 0.49 cm; sandy soil; spruce | coniferous | Great Smoky Mountains | TN | East South Central |
| **27** | IFS site: SB - Great Smoky beech site | landform: residual; annual climate values: pptn= 1510mm, AET= 700mm; temp= 15.3C; soil depth 0.4 cm; sandy soil; beech | deciduous | Great Smoky Mountains | TN | East South Central |
| **27** | IFS site: SS- Great Smoky Mountains- Becking site | landform: residual; annual climate values: pptn= 1510mm, AET= 610mm; temp= 15.3C; soil depth 0.46 cm; sandy soil; spruce | coniferous | Great Smoky Mountains | TN | East South Central |
| **27** | IFS site: LP-Loblolly Pine, Oak Ridge | landform: river terrace, site likely influenced by seepage; annual climate values: pptn= 1140mm, AET= 710mm; temp= 15.3C; soil depth 0.41 cm; silty/sandy soil; loblolly pine | coniferous | Oak Ridge Research Forest | TN | East South Central |

| Pub ID | Specific Site Location | Ecosystem Description | Stand Type | Study Area | State | Region Name |
|---|---|---|---|---|---|---|
| **27** | IFS site: DF- Thompson Forest | landform: till, restricted drainage; annual climate values: pptn= 1140mm, AET= 560mm; temp= 10C; soil depth 0.45 cm; silty-sandy soil; douglas fir | coniferous | Cedar River Watershed | WA | Pacific |
| **27** | IFS site: RA- Thompson Forest | landform: till, restricted drainage; annual climate values: pptn= 1140mm, AET= 470mm; temp= 10C; soil depth 0.45 cm; silty-sandy soil; red adler | coniferous | Cedar River Watershed | WA | Pacific |
| **27** | IFS site: FL- Findley Lake | landform: volcanic ash, till; annual climate values: pptn= 1740mm, AET= 770mm; temp= 10C; soil depth 0.71 cm; sandy soil; Pacific silver fir | coniferous | Cedar River Watershed | WA | Pacific |
| **119** | Arrowhead region lakes | small, poorly buffered lakes | mixed | Arrowhead region lakes | MN | West North Central |
| **28** | Hubbard Brook E.F.-watershed 6 | humid continental climate; developing northern hardwood forest; well-drained, sandy loam soils; site intensively logged 1910-1917 and experienced storm damage 1938 | deciduous | Hubbard Brook E.F. | NH | New England |
| **28** | Huntington mixed Northern hardwood site | mixed hardwood forest; soils are coarse-loamy, mixed frigid Typic Fragiorthod and Haplorthods | deciduous | Adirondack S.P | NY | Middle Atlantic |
| **18** | Harriman reservoir, Whitingham | acid-impaired lake; maximum depth: 48.8 m; surface area: 825.6 ha | N/A | Southern Vermont | VT | New England |
| **18** | Little Pond, Winhall | acid-impaired lake; maximum depth: 1.8 m; surface area: 7.3 ha | N/A | Southern Vermont | VT | New England |
| **18** | Beebe Pond, Sunderland | acid-impaired lake; maximum depth: 5.0 m; surface area: 3.2 ha | N/A | Southern Vermont | VT | New England |
| **18** | Lost Pond, Glastenbury | acid-impaired lake; maximum depth: 3.0 m; surface area: 0.4 ha | N/A | Southern Vermont | VT | New England |
| **18** | Little Mud Pond, Winhall | acid-impaired lake; maximum depth: 1.3 m; surface area: 8.5 ha | N/A | Southern Vermont | VT | New England |
| **18** | Skylight Pond, Ripton | acid-impaired lake; maximum depth: 1.0 m; surface area: 0.8 ha | N/A | Central Vermont | VT | New England |
| **18** | Levi Pond, Groton | acid-impaired lake; maximum depth: 7.0 m; surface area: 8.9 ha | N/A | Levi Pond Wildlife Management Area | VT | New England |

| Pub ID | Specific Site Location | Ecosystem Description | Stand Type | Study Area | State | Region Name |
|---|---|---|---|---|---|---|
| **20** | Hoover Wilderness | Class 1 area; ecosystems represented: alpine, pinyon pine/juniper, riparian, sagebrush | | Hoover Wilderness | CA | Pacific |
| **20** | San Gorgonio Wilderness | Class 1 area; ecosystems represented: alpine, chaparral, mixed conifer, subalpine forest. | | San Gorgonio wilderness | CA | Pacific |
| **20** | Agua Tibia Wilderness | Class 1 area; ecosystems represented: bigcone douglas fir, chaparral, mixed conifer, oak woodland, riparian. | | Agua Tibia Wilderness | CA | Pacific |
| **20** | Caribou Wilderness | Class 1 area; ecosystems represented: alpine, chaparral, montane forest, subalpine forest. | | Caribou Wilderness | CA | Pacific |
| **20** | Cucamonga Wilderness | Class 1 area; ecosystems represented: bigcone Douglas Fir, chaparral, mixed conifer. | | Cucamonga Wilderness | CA | Pacific |
| **20** | Desolation Wilderness | Class 1 area; ecosystems represented: alpine, montane forest, riparian, subalpine forest. | | Desolation Wilderness | CA | Pacific |
| **20** | Domeland Wilderness | Class 1 area; ecosystems represented: digger pine, juniper shrubland, mixed conifer, riparian, subalpine fir. | | Domeland Wilderness | CA | Pacific |
| **20** | Emigrant Wilderness | Class 1 area; ecosystems represented: alpine, mixed conifer, riparian, subalpine forest. | | Emigrant Wilderness | CA | Pacific |
| **20** | John Muir Wilderness | Class 1 area; ecosystems represented: alpine, mixed conifer, pinyon pine/juniper, riparian, subalpine forest. | | John Muir Wilderness | CA | Pacific |
| **20** | Kaiser Wilderness | Class 1 area; ecosystems represented: alpine, mixed conifer, riparian, subalpine forest. | | Kaiser Wilderness | CA | Pacific |
| **20** | Marble Mountain Wilderness | Class 1 area; ecosystems represented: alpine, chaparral, mixed conifer, riparian, subalpine forest. | | Marble Mountain Wilderness | CA | Pacific |
| **20** | Ansel Adams Wilderness | Class 1 area; ecosystems represented: alpine, mixed conifer, subpalpine forest. | | Ansel Adams Wilderness | CA | Pacific |

| Pub ID | Specific Site Location | Ecosystem Description | Stand Type | Study Area | State | Region Name |
|---|---|---|---|---|---|---|
| **20** | Mokelumne Wilderness | Class 1 area; ecosystems represented: mixed conifer, subalpine forest. | | Mokelumne Wilderness | CA | Pacific |
| **20** | San Gabriel Wilderness | Class 1 area; ecosystems represented: bigcone Douglas fir, chaparral, oak woodland. | | San Gabriel Wilderness | CA | Pacific |
| **20** | San Jacinto Wilderness | Class 1 area; ecosystems represented: desert, mixed conifer, subalpine forest. | | San Jacinto Wilderness | CA | Pacific |
| **20** | San Rafael Wilderness | Class 1 area; ecosystems represented: bigcone Douglas fir, chaparral, mixed conifer. | | San Rafael Wilderness | CA | Pacific |
| **20** | South Warner Mountain Wilderness | Class 1 area; ecosystems represented: alpine, buckwheat/lichen/grass, juniper shrubland, mixed conifer, riparian, subalpine forest. | | South Warner Wilderness | CA | Pacific |
| **20** | Thousand Lakes Wilderness | Class 1 area; ecosystems represented: alpine, chaparral, mixed conifer, montane forest, subalpine forest | | Thousand Lakes Wilderness | CA | Pacific |
| **20** | Ventana Wilderness | Class 1 area; ecosystems represented: oak woodland, redwood. | | Ventana Wilderness | CA | Pacific |
| **20** | Yolla Bolly-Middle Eel Wilderness | Class 1 area; ecosystems represented: alpine, chaparral, mixed conifer, oak woodland, riparian, subalpine forest. | | Yolla Bolly-Middle Eel Wilderness | CA | Pacific |
| **45** | Badlands N.P. | heavily eroded sedimentary (White River Group); hot summers and cold, dry winters; mixed-grass prairie; | grassland | Badlands N.P. | SD | West North Central |
| **45** | Theodore Roosevelt N.P. | badlands supporting grassland and some deciduous trees; loam to clay loam soils; cold, dry winter and hot, moist summer climate- semi-arid; | grassland | Theodore Roosevelt N.P. | ND | West North Central |
| **45** | Wind Cave N.P. | varied bedrock; varied but all well-drained soils; prairie grass, ponderosa pine and deciduous vegetation; water well-buffered | mixed | Wind Cave N.P. | SD | West North Central |

| Pub ID | Specific Site Location | Ecosystem Description | Stand Type | Study Area | State | Region Name |
|---|---|---|---|---|---|---|
| **45** | Loch Vale watershed | glacial till and colluvium; temperate montane climate; coniferous forests, tundra and meadows; clear water lakes and streams with low ionic strength; lakes oligotrophic | coniferous | Loch Vale Watershed | CO | Mountain |
| **45** | Glacier N.P. | varied geology; alpine glaciers present at high elevations; mainly glacial till and drift soils; moderate marine climate to the west and variable climate to the east; alpine and varied coniferous vegetation; generally acid sensitive surface waters | coniferous | Glacier N.P. | MT | Mountain |
| **45** | Grand Teton N.P. | glaciated, variable bedrock; cold-snowy forest humid winter climate; ~58% non-forested; sub-alpine vegetation present; alpine and sub-alpine lakes abundant | coniferous | Grand Teton N.P. | WY | Mountain |
| **45** | Yellowstone N.P. | numerous active hydrothermal geologic features; grassland, alpine and coniferous vegetation; acid sensitive soils (low cation concentrations); valley and mountain-type climate with moderate precipitation and cool summers; relatively pristine surface water | coniferous | Yellowstone N.P. | WY | Mountain |
| **40** | Three Sisters Wilderness | Class 1 area; ecosystems represented: douglas fir/western hemlock, pacific silver fir, east and west-side alpine and subalpine, east-side douglas fir and ponderosa pine. | | Three Sisters Wilderness | OR | Pacific |
| **40** | Alpine Lakes Wilderness | Class 1 area; ecosystems represented:douglas fir/western hemlock, pacific silver fir, west and east-side alpine and subalpine. | | Alpine Lakes Wilderness Area | WA | Pacific |
| **40** | Diamond Peak Wilderness | Class 1 area; ecosystems represented: west and east-side alpine and subalpine. | | Diamond Peak Wilderness | OR | Pacific |
| **40** | Eagle Cap Wilderness | Class 1 area; ecosystems represented: (all east-side) alpine,subalpine, and douglas fir | | Eagle Cap Wilderness | OR | Pacific |

| Pub ID | Specific Site Location | Ecosystem Description | Stand Type | Study Area | State | Region Name |
|---|---|---|---|---|---|---|
| **40** | Gearhart Moutain Wilderness | Class 1 area; ecosystems represented: (all east-side) subalpine, douglas fir, and ponderosa pine. | | Gearhart Moutain Wilderness | OR | Pacific |
| **40** | Glacier Peak Wilderness | Class 1 area; ecosystems represented: douglas fir/western hemlock, pacific silver fir, east and west-side alpine and subalpine, east-side douglas fir and ponderosa pine. | | Glacier Peak Wilderness | WA | Pacific |
| **40** | Goat Rocks Wilderness | Class 1 area; ecosystems represented: east and west-side alpine. | | Goat Rocks Wilderness | WA | Pacific |
| **40** | Hells Canyon Wilderness | Class 1 area; ecosystems represented: (all east-side) alpine, subalpine, douglas fir, and ponderosa pine; sagebrush shrubland. | | Hells Canyon Wilderness | OR | Pacific |
| **40** | Kalmiopsis Wilderness | Class 1 area; ecosystems represented: west-side subalpine and mixed evergreen. | | Kalmiopsis Wilderness | OR | Pacific |
| **40** | Mountain Lakes Wilderness | Class 1 area; ecosystems represented: east and west-side alpine and subalpine. | | Mountain Lakes Wilderness | OR | Pacific |
| **40** | Mount Adams Wilderness | Class 1 area; ecosystems represented: east-side alpine and sublpine. | | Mount Adams Wilderness | WA | Pacific |
| **40** | Mount Hood Wilderness | Class 1 area; ecosystems represented: west-side alpine and subalpine. | | Mount Hood Wilderness | OR | Pacific |
| **40** | Mount Jefferson Wilderness | Class 1 area; ecosystems represented: douglas fir/western hemlock, pacific silver fir, west-side and east-side alpine and subalpine, east-side douglas fir and ponderosa pine. | | Mount Jefferson Wilderness | OR | Pacific |
| **40** | Mount Washington Wilderness | Class 1 area; ecosystems represented: douglas fir/western hemlock, pacific silver fir, west-side alpine and subalpine, east-side alpine. | | Mount Washington Wilderness | OR | Pacific |
| **40** | Paysaten Wilderness | Class 1 area; ecosystems represented: pacific silver fir; (all east-side) alpine, subalpine, douglas fir, and ponderosa pine. | | Paysaten Wilderness | WA | Pacific |

| Pub ID | Specific Site Location | Ecosystem Description | Stand Type | Study Area | State | Region Name |
|---|---|---|---|---|---|---|
| **40** | Strawberry Mountain Wilderness | Class 1 area; ecosystems represented: (all east-side) alpine, douglas fir, and ponderosa pine; sagebrush shrubland. | | Strawberry Mountain Wilderness | OR | Pacific |
| **19** | Unnamed; DS50 | | | Dolly Sods wilderness | WV | South Atlantic |
| **19** | Stonecoal Run Right; DS09 | | | Dolly Sods wilderness | WV | South Atlantic |
| **19** | Little Stonecoal Run; DS04 | | | Dolly Sods wilderness | WV | South Atlantic |
| **19** | Fisher Spring Run; DS19 | | | Dolly Sods wilderness | WV | South Atlantic |
| **19** | Stonecoal Run Left; DS06 | | | Dolly Sods wilderness | WV | South Atlantic |
| **19** | Fernow WS10; FN1 | | | Fernow Experimental Forest | WV | South Atlantic |
| **19** | Fernow WS13; FN2 | | | Fernow Experimental Forest | WV | South Atlantic |
| **19** | Fernow WS4; FN3 | | | Fernow Experimental Forest | WV | South Atlantic |
| **24** | Site JK1, Joyce Kilmer Wilderness | | | Joyce Kilmer/Slickrock Wilderness | NC,TN | South Atlantic |
| **24** | Site JK2, Joyce Kilmer Wilderness | | | Joyce Kilmer/Slickrock Wilderness | NC,TN | South Atlantic |
| **24** | Site JK3, Joyce Kilmer Wilderness | | | Joyce Kilmer/Slickrock Wilderness | NC,TN | South Atlantic |
| **24** | Site JK4, Joyce Kilmer Wilderness | | | Joyce Kilmer/Slickrock Wilderness | NC,TN | South Atlantic |
| **24** | Site JK5, Joyce Kilmer Wilderness | | | Joyce Kilmer/Slickrock Wilderness | NC,TN | South Atlantic |
| **24** | Joyce Kilmer/Slickrock Wilderness | Class I site in Southeastern US | mixed | Joyce Kilmer/Slickrock Wilderness | NC,TN | South Atlantic |
| **19** | Yellow Creek; YC5157 | | | Otter Creek Wilderness | WV | South Atlantic |
| **19** | Otter Creek Upper; OC79 | | | Otter Creek Wilderness | WV | South Atlantic |
| **19** | Coal Run; OC35 | | | Otter Creek Wilderness | WV | South Atlantic |
| **19** | Moores Run; OC32 | | | Otter Creek Wilderness | WV | South Atlantic |
| **19** | Devils Gulch; OC09 | | | Otter Creek Wilderness | WV | South Atlantic |
| **19** | Unnamed; OC08 | | | Otter Creek Wilderness | WV | South Atlantic |
| **19** | Yellow Creek; OC05 | | | Otter Creek Wilderness | WV | South Atlantic |
| **19** | Condon Run; OC02 | | | Otter Creek Wilderness | WV | South Atlantic |
| **19** | Possession Camp Run; OC31 | | | Otter Creek Wilderness | WV | South Atlantic |

| Pub ID | Specific Site Location | Ecosystem Description | Stand Type | Study Area | State | Region Name |
|---|---|---|---|---|---|---|
| **24** | Site SR4, Shining Rock Wilderness | | | Shining Rock Wilderness | NC | South Atlantic |
| **24** | Site SR2, Shining Rock Wilderness | | | Shining Rock Wilderness | NC | South Atlantic |
| **24** | Site SR3, Shining Rock Wilderness | | | Shining Rock Wilderness | NC | South Atlantic |
| **24** | Site SR1, Shining Rock Wilderness | | | Shining Rock Wilderness | NC | South Atlantic |
| **24** | Shining Rock Wilderness | Class I site in Southeastern US | mixed | Shining Rock Wilderness | NC | South Atlantic |
| **24** | Site SR5, Shining Rock Wilderness | | | Shining Rock Wilderness | NC | South Atlantic |
| **19** | Elk Run; 2B047032 | | | Monongahela National Forest | WV | South Atlantic |
| **19** | Clubhouse Run-Lower; 2C047010L | | | Monongahela National Forest | WV | South Atlantic |
| **19** | Red Creek; WV796S | | | Monongahela National Forest | WV | South Atlantic |
| **19** | N Fork Cherry-Upper; 2C046043U | | | Monongahela National Forest | WV | South Atlantic |
| **19** | Desert Branch; DB99 | | | Monongahela National Forest | WV | South Atlantic |
| **19** | N Fork Cherry-Lower; 2C046043L | | | Monongahela National Forest | WV | South Atlantic |
| **19** | Hateful Run; 2C046034 | | | Monongahela National Forest | WV | South Atlantic |
| **19** | R Fork Clover; 2C041045 | | | Monongahela National Forest | WV | South Atlantic |
| **19** | Clubhouse Run-Upper; 2C047010U | | | Monongahela National Forest | WV | South Atlantic |
| **19** | Otter Creek; WV531S | | | Monongahela National Forest | WV | South Atlantic |
| **19** | Noname Trib S Fork Cherry; WV548S | | | Monongahela National Forest | WV | South Atlantic |
| **19** | Moss Run; WV770S | | | Monongahela National Forest | WV | South Atlantic |
| **19** | Left Fork Clover Run; WV771S | | | Monongahela National Forest | WV | South Atlantic |
| **19** | White Oak Fork; WV788S | | | Monongahela National Forest | WV | South Atlantic |
| **19** | Johnson Run; 2C046033 | | | Monongahela National Forest | WV | South Atlantic |
| **19** | Crawford Run; 2C047007 | | | Monongahela National Forest | WV | South Atlantic |

| Pub ID | Specific Site Location | Ecosystem Description | Stand Type | Study Area | State | Region Name |
|---|---|---|---|---|---|---|
| **132** | Upper Midwest | low ANC lakes | | Upper Midwest | MN, MI, WI | East North Central |
| **132** | Northern Florida | low ANC lakes | | Northern Florida | FL | South Atlantic |
| **132** | Idaho Batholith | low ANC lakes | | Idaho Batholith | ID, MT | Mountain |
| **132** | Northwest Wyoming | low ANC lakes | | Northwest Wyoming | WY | Mountain |
| **132** | Colorado Rockies | low ANC lakes | | Colorado Rockies | CO | Mountain |
| **132** | Sierra Nevada Mountain Range | low ANC lakes | | Sierra Nevada Mountain Range | CA | Pacific |
| **132** | Cascade Mountain Range | low ANC lakes | | Cascade Mountain Range | CA, OR,WA | Pacific |
| **128** | Lower Saddle Bag Lake | alpine; exposed bedrock and talus, grasses, sedges, forbes | N/A | Popo Agie Wilderness | WY | Mountain |
| **128** | White Dome Lake | alpine; exposed bedrock, talus, talus/soil, alpine grasses and cushion plants | N/A | Weminuche Wilderness | CO | Mountain |
| **102** | Piney River (PINE) | Mainly deciduous trees; basaltic bedrock | | Shenandoah N.P. | VA | South Atlantic |
| **102** | Deep Run | Mainly deciduous trees; siliciclastic bedrock | | Shenandoah N.P. | VA | South Atlantic |
| **102** | White Oak Run | Mainly deciduous trees; siliciclastic bedrock | | Shenandoah N.P. | VA | South Atlantic |
| **102** | Whiteoak Canyon (Robinson River) | Mainly deciduous trees; basaltic bedrock | | Shenandoah N.P. | VA | South Atlantic |
| **102** | Rose River | Mainly deciduous trees; basaltic bedrock | | Shenandoah N.P. | VA | South Atlantic |
| **102** | North Fork Thornton River | Mainly deciduous trees; basaltic bedrock | | Shenandoah N.P. | VA | South Atlantic |
| **102** | Meadow Run | Mainly deciduous trees; siliciclastic bedrock | | Shenandoah N.P. | VA | South Atlantic |
| **102** | Staunton River (STAN) | Mainly deciduous trees; granitic bedrock | | Shenandoah N.P. | VA | South Atlantic |
| **102** | Brokenback Run | Mainly deciduous trees; granitic bedrock | | Shenandoah N.P. | VA | South Atlantic |
| **102** | Twomile Run | Mainly deciduous trees; siliciclastic bedrock | | Shenandoah N.P. | VA | South Atlantic |
| **102** | North Fork Dry Run | Mainly deciduous trees; granitic bedrock | | Shenandoah N.P. | VA | South Atlantic |
| **102** | Jeremys Run | Mainly deciduous trees; basaltic bedrock | | Shenandoah N.P. | VA | South Atlantic |
| **102** | Paine Run (PAIN) | Mainly deciduous trees; siliciclastic bedrock | | Shenandoah N.P. | VA | South Atlantic |

| Pub ID | Specific Site Location | Ecosystem Description | Stand Type | Study Area | State | Region Name |
|---|---|---|---|---|---|---|
| **102** | Hazel River | Mainly deciduous trees; granitic bedrock | | Shenandoah N.P. | VA | South Atlantic |
| **61** | Loch Vale watershed | subalpine lake; spruce-fir forest and subalpine meadows at low elevations- exposed bedrock and alpine tundra/permanent snowfields higher; 55 ha soil-covered; poor-soil development due to resistant bedrock; moderately sensitive to acidic deposition | coniferous | Loch Vale Watershed | CO | Mountain |
| **61** | Andrew's Creek | 18ha soil-covered- the remainder is exposed rock, talus, waters; receive high amounts of atmospheric N and S; sensitive to acidic deposition | coniferous | Loch Vale Watershed | CO | Mountain |
| **73** | Adirondack lakes | lakes with low ANC; susceptible to acidification from addition of mineral acid anions | mixed | Adirondack S.P | NY | Middle Atlantic |
| **74** | Redwood National Park | Class I National Park; sedimentary and metamorphic bedrock; mesothermal climate- often foggy | coniferous | Redwood N.P. | CA | Pacific |
| **74** | SEQ-GF/NADP catchment | Class I National Park; highly variable vegetation; glaciated terrain over igneous and sedimentary lithology; climate variable due to elevation and orographic influences | mixed | Sequoia/Kings Canyon N.P. | CA | Pacific |
| **74** | Sequoia GF CADMP catchment | Class I National Park; highly variable vegetation; glaciated terrain over igneous and sedimentary lithology; climate variable due to elevation and orographic influences | N/A | Sequoia/Kings Canyon N.P. | CA | Pacific |
| **74** | Sequoia Ash Mountain catchment | Class I National Park; highly variable vegetation; glaciated terrain over igneous and sedimentary lithology; climate variable due to elevation and orographic influences | mixed | Sequoia/Kings Canyon N.P. | CA | Pacific |

| Pub ID | Specific Site Location | Ecosystem Description | Stand Type | Study Area | State | Region Name |
|---|---|---|---|---|---|---|
| **74** | Onion Valley catchment | Class I National Park; highly variable vegetation; glaciated terrain over igneous and sedimentary lithology; climate variable due to elevation and orographic influences | mixed | Sequoia/Kings Canyon N.P. | CA | Pacific |
| **74** | Mineral King catchment | Class I National Park; highly variable vegetation; glaciated terrain over igneous and sedimentary lithology; climate variable due to elevation and orographic influences | mixed | Sequoia/Kings Canyon N.P. | CA | Pacific |
| **74** | Emerald Lake catchment | Class I National Park; highly variable vegetation; glaciated terrain over igneous and sedimentary lithology; climate variable due to elevation and orographic influences | mixed | Sequoia/Kings Canyon N.P. | CA | Pacific |
| **74** | Yosemite NADP | Class I National Park; glaciated with large canyons; igneous rock intruding sedimentary; variable climate influenced by elevation and orographic effects; vegetation varies with climate | mixed | Yosemite N.P. | CA | Pacific |
| **74** | Tioga Pass | Class I National Park; glaciated with large canyons; igneous rock intruding sedimentary; variable climate influenced by elevation and orographic effects; vegetation varies with climate | mixed | Yosemite N.P. | CA | Pacific |
| **74** | Yosemite CADMP | Class I National Park; glaciated with large canyons; igneous rock intruding sedimentary; variable climate influenced by elevation and orographic effects; vegetation varies with climate | mixed | Yosemite N.P. | CA | Pacific |
| **74** | Joshua Tree National Park | desert | | Joshua Tree National Park | CA | Pacific |
| **2** | Maryland State Streams | streams with reach >0.3km soil depth 0.48-2.5m range of soil types; non-tidal streams, with no impoundment/acid mine drainage influence | N/A | Maryland streams | MD | South Atlantic |

| Pub ID | Specific Site Location | Ecosystem Description | Stand Type | Study Area | State | Region Name |
|---|---|---|---|---|---|---|
| **47** | James River Face Wilderness, Natural Bridge | Class I area | N/A | James River Face Wilderness/Natural Bridge | VA | South Atlantic |
| **26** | Joyce Kilmer/Slickrock Wilderness | Class I site; xeric, acidic, and rich hardwood and evergreen forests, grasslands, shrublands | mixed | Joyce Kilmer/Slickrock Wilderness | NC,TN | South Atlantic |
| **26** | Linville Gorge Wilderness | Class I site; xeric, acidic, and rich hardwood and evergreen forests, rock outcrops | mixed | Linville Gorge Wilderness | NC | South Atlantic |
| **26** | Shining Rock Wilderness | Class I site; xeric, acidic, and rich hardwood and evergreen forests, grasslands, shrublands, and wetlands. | mixed | Shining Rock Wilderness | NC | South Atlantic |
| **17** | Forester Pond, Jamaica | acid impaired' lake (frequently violates VT state water quality standards); low ionic strength water; max depth: 1.0 m; surface area: 3.6 ha | N/A | Southern Vermont | VT | New England |
| **17** | Branch Pond, Sunderland | acid impaired' lake (frequently violates VT state water quality standards); low ionic strength water; max depth: 12.1 m; surface area: 13.8 ha | N/A | Southern Vermont | VT | New England |
| **17** | Bourn Pond, Sunderland | acid impaired' lake (frequently violates VT state water quality standards); low ionic strength water; max depth: 8.5 m; surface area: 19.4 ha | N/A | Southern Vermont | VT | New England |
| **17** | Little Pond, Woodford | acid impaired' lake (frequently violates VT state water quality standards); low ionic strength water; max depth: 3.0 m; surface area: 6.5 ha | N/A | Southern Vermont | VT | New England |
| **17** | Howe Pond, Readsboro | acid impaired' lake (frequently violates VT state water quality standards); low ionic strength water; max depth: 9.0 m; surface area: 21.0 ha | N/A | Southern Vermont | VT | New England |
| **17** | Haystack Pond, Wilmington | acid impaired' lake (frequently violates VT state water quality standards); low ionic strength water; max depth: 10.0 m; surface area: 10.9 ha | N/A | Southern Vermont | VT | New England |

| Pub ID | Specific Site Location | Ecosystem Description | Stand Type | Study Area | State | Region Name |
|---|---|---|---|---|---|---|
| **17** | Grout Pond, Stratton | acid impaired' lake (frequently violates VT state water quality standards); low ionic strength water; max depth: 9.0 m; surface area: 34.0 ha | N/A | Southern Vermont | VT | New England |
| **17** | Griffith Lake, Mt Tabor | acid impaired' lake (frequently violates VT state water quality standards); low ionic strength water; max depth: 6.0 m; surface area: 5.3 ha | N/A | Southern Vermont | VT | New England |
| **17** | Lye Brook Pond (North), Sunderland | acid impaired' lake (frequently violates VT state water quality standards); low ionic strength water; max depth: 1.0 m; surface area: 7.3 ha | N/A | Southern Vermont | VT | New England |
| **17** | Somerset Reservoir, Somerset | acid impaired' lake (frequently violates VT state water quality standards); low ionic strength water; max depth: 25.9 m; surface area: 634.6 ha | N/A | Southern Vermont | VT | New England |
| **17** | Adam's Reservoir, Woodford | acid impaired' lake (frequently violates VT state water quality standards); low ionic strength water; max depth: 4.6 m; surface area: 8.5 ha | N/A | Southern Vermont | VT | New England |
| **17** | South Pond, Marlboro | acid impaired' lake (frequently violates VT state water quality standards); low ionic strength water; max depth: 10.9 m; surface area: 27.5 ha | N/A | Southern Vermont | VT | New England |
| **17** | Stamford Pond, Stamford | acid impaired' lake (frequently violates VT state water quality standards); low ionic strength water; max depth: 4.0 m; surface area: 4.9 ha | N/A | Southern Vermont | VT | New England |
| **17** | Stratton Pond, Stratton | acid impaired' lake (frequently violates VT state water quality standards); low ionic strength water; max depth: 5.5 m; surface area: 18.6 ha | N/A | Southern Vermont | VT | New England |

| Pub ID | Specific Site Location | Ecosystem Description | Stand Type | Study Area | State | Region Name |
|---|---|---|---|---|---|---|
| **17** | Sunset Lake, Marlboro | acid impaired' lake (frequently violates VT state water quality standards); low ionic strength water; max depth: 12.1 m; surface area: 38.9 ha | N/A | Southern Vermont | VT | New England |
| **17** | Lye Brook Pond (South), Sunderland | acid impaired' lake (frequently violates VT state water quality standards); low ionic strength water; max depth: 1.0 m; surface area: 4.0 ha | N/A | Southern Vermont | VT | New England |
| **17** | Big Mud Pond, Mt Tabor | acid impaired' lake (frequently violates VT state water quality standards); low ionic strength water; max depth: 1.5 m; surface area: 6.1 ha | N/A | Southern Vermont | VT | New England |
| **17** | Long Hole,  Mt Tabor | acid impaired' lake (frequently violates VT state water quality standards); low ionic strength water; max depth: 1.0 m; surface area: 7.3 ha | N/A | Southern Vermont | VT | New England |
| **17** | Little Mud Pond, Mt Tabor | acid impaired' lake (frequently violates VT state water quality standards); low ionic strength water; max depth: 1.0 m; surface area: 2.5 ha | N/A | Southern Vermont | VT | New England |
| **17** | Moses Pond, Weston | acid impaired' lake (frequently violates VT state water quality standards); low ionic strength water; max depth: 1.5 m; surface area: 4.8 ha | N/A | Southern Vermont | VT | New England |
| **17** | Round Pond, Holland | acid impaired' lake (frequently violates VT state water quality standards); low ionic strength water; max depth: 14.0 m; surface area: 5.7 ha | N/A | Northeastern Vermont | VT | New England |
| **17** | Turtle Pond, Holland | acid impaired' lake (frequently violates VT state water quality standards); low ionic strength water; max depth: 10.4 m; surface area: 10.9 ha | N/A | Northeastern Vermont | VT | New England |

| Pub ID | Specific Site Location | Ecosystem Description | Stand Type | Study Area | State | Region Name |
|---|---|---|---|---|---|---|
| **17** | Unknown Pond, Avery Gore | acid impaired' lake (frequently violates VT state water quality standards); low ionic strength water; max depth: 4.0 m; surface area: 7.7 ha | N/A | Northeastern Vermont | VT | New England |
| **17** | Duck Pond, Holland | acid impaired' lake (frequently violates VT state water quality standards); low ionic strength water; max depth: 1.0 m; surface area: 2.4 ha | N/A | Northeastern Vermont | VT | New England |
| **17** | Halfway Pond, Holland | acid impaired' lake (frequently violates VT state water quality standards); low ionic strength water; max depth: 1.2 m; surface area: 8.9 ha | N/A | Northeastern Vermont | VT | New England |
| **17** | North Pond, Bristol | acid impaired' lake (frequently violates VT state water quality standards); low ionic strength water; max depth: 1.0 m; surface area: 2.4 ha | N/A | Central Vermont | VT | New England |
| **17** | Gilmore Pond, Bristol | acid impaired' lake (frequently violates VT state water quality standards); low ionic strength water; max depth: 2.0 m; surface area: 2.4 ha | N/A | Central Vermont | VT | New England |
| **17** | Hardwood Pond, Elmore | acid impaired' lake (frequently violates VT state water quality standards); low ionic strength water; max depth: 6.0 m; surface area: 17.8 ha | N/A | North Central Vermont | VT | New England |
| **17** | Kings Hill Pond, Bakersfield | acid impaired' lake (frequently violates VT state water quality standards); low ionic strength water; max depth: 3.0 m; surface area: 2.4 ha | N/A | Northwestern Vermont | VT | New England |
| **17** | Lake of the Clouds, Mt. Mansfield State Forest, Cambridge | acid impaired' lake (frequently violates VT state water quality standards); low ionic strength water; max depth: 1.0 m; surface area: 0.4 ha | N/A | Mt. Mansfeld State Forest | VT | New England |

| Pub ID | Specific Site Location | Ecosystem Description | Stand Type | Study Area | State | Region Name |
|---|---|---|---|---|---|---|
| **14** | Colorado front range, intense sampling in Green Lakes Valley | three stream in the site; 80% of annual precipitation is snow, stream flow is seasonally variable, ANC values are generally <200umol/L at all sites; 80% exposed bedrock/talus | coniferous | Colorado Front Range | CO | Mountain |

# Critical Loads Table

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **52** | Fernow watershed 4 | | 20 | | | 1247 | | throughfall | 305 | T | % nitrification; export of Ca and Mg | nitrification 100% of mineralization; Ca leaching 2-4 times inputs; Mg leaching 10 times inputs | sulfur cycling also potentially affected- site may already be S-saturated | possible long-term effects on productivity | 305 |
| **52** | Fernow watershed 3 | | 20-60 | | | 1247-3742 | | fertilizer and measured throughfall | 305 | T | Export in streamwater of NO3, Ca, Mg; foliar N concentration | increasing | N retention | no changes in tree growth | 305, table 2 |
| **15** | Hercules Glades, MI | 5 - 8 | >30 | | 357-571 | >1871 | | wet + dry | 8, 17 | A & T | ANC | 25 ueq/l | | foliar injury and red spruce decline at high elevationsa; fish species shiftsb | 11 |
| **15** | Rainbow Lake, WI | 5 - 8 | 3.5-4.5 | | 357-571 | 218-281 | | wet + dry | 8, 17 | A & T | ANC | 25 ueq/l | | foliar injury and red spruce decline at high elevationsa; fish species shiftsb | 11 |
| **15** | Dolly Sods, WV | 5 - 8 | 5 - 7 | | 357-571 | 312-437 | | wet + dry | 8, 16 | A & T | ANC | 25 ueq/l | | foliar injury; fish species shifts | 11 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **15** | Otter Creek, WV | 5 - 8 | 5 - 7 | | 357-571 | 312-437 | | wet + dry | 8, 16 | A & T | ANC | 25 ueq/l | | foliar injury; fish species shifts | 11 |
| **15** | Great Gulf, NH | 5 - 8 | 6 - 8 | | 357-571 | 374-499 | | wet + dry | 8, 14 | A & T | ANC | 25 ueq/l | | foliar injury; fish species shifts | 11 |
| **15** | Lye Brook, VT | 5 - 8 | 6 - 8 | | 357-571 | 374-499 | | wet + dry | 8, 14 | A & T | ANC | 25 ueq/l | | foliar injury; fish species shifts | 11 |
| **15** | Pres-Range-Dry River, NH | 5 - 8 | 6 - 8 | | 357-571 | 374-499 | | wet + dry | 8, 14 | A & T | ANC | 25 ueq/l | | foliar injury; fish species shifts | 11 |
| **15** | BWCAW (Boundary waters) | 5 - 8 | 7.5-8.0 | | 357-571 | 468-499 | | wet + dry | 8, 17 | A & T | ANC | 25 ueq/l | | foliar injury and red spruce decline at high elevationsa; fish species shiftsb | 11 |
| **49** | Hubbard Brook E.F.-watershed 6 | | | | | | 80 | | 80 | A | ANC | 20 ueq/L | | stream water and forest soil | 75-76 |
| **49** | Hubbard Brook E.F.-watershed 6 | 3.2 | 2.8 | | 200 | 200 | 600 | | 77 | A | ANC | 0 ueq/L | | stream water and forest soil | 75-76 |
| **21** | Arches National Park | <3 | <3 | | <214 | <187 | | wet+dry | pg 2 chap1_14 | T | | | | threat to desert, shrub, or forest ecosystems | pg 2 chap1_14 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **21** | Black Canyon of the Gunnison National Monument | <3 | <3 | | <214 | <187 | | wet+dry | pg 2 chap1_14 | T | | | | threat to desert, shrub, or forest ecosystems | pg 2 chap1_14 |
| **21** | Bryce Canyon National Park | <3 | <3 | | <214 | <187 | | wet+dry | pg 2 chap1_14 | T | | | | threat to desert, shrub, or forest ecosystems | pg 2 chap1_14 |
| **21** | Canyonlands National Park | <3 | <3 | | <214 | <187 | | wet+dry | pg 2 chap1_14 | T | | | | threat to desert, shrub, or forest ecosystems | pg 2 chap1_14 |
| **21** | Capitol Reef National Park | <3 | <3 | | <214 | <187 | | wet+dry | pg 2 chap1_14 | T | | | | threat to desert, shrub, or forest ecosystems | pg 2 chap1_14 |
| **21** | Grand Canyon National Park | <3 | <3 | | <214 | <187 | | wet+dry | pg 2 chap1_14 | T | | | | threat to desert, shrub, or forest ecosystems | pg 2 chap1_14 |
| **21** | Mesa Verde National Park | <3 | <3 | | <214 | <187 | | wet+dry | pg 2 chap1_14 | T | | | | threat to desert, shrub, or forest ecosystems | pg 2 chap1_14 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **21** | Petrified Forest National Park | <3 | <3 | | <214 | <187 | | wet+dry | pg 2 chap1_14 | T | | | | threat to desert, shrub, or forest ecosystems | pg 2 chap1_14 |
| **21** | Zion National Park | <3 | <3 | | <214 | <187 | | wet+dry | pg 2 chap1_14 | T | | | | threat to desert, shrub, or forest ecosystems | pg 2 chap1_14 |
| **21** | Bandelier National Monument | <3 | <3 | | <214 | <187 | | wet+dry | pg 2 chap1_14 | T | | | | threat to desert, shrub, or forest ecosystems | pg 2 chap1_14 |
| **21** | Great Sand Dunes National Monument | <3 | <3 | | <214 | <187 | | wet+dry | pg 2 chap1_14 | T | | | | threat to desert, shrub, or forest ecosystems | pg 2 chap1_14 |
| **23** | Continental United States | | | | | | <250-2000 | | 354 and 355 | T | CEC and Base Saturation | | plant development and species composition altered* | | 353 |
| **23** | Alaska | | | | | | 250-2000 | | 354 and 355 | T | CEC and Base Saturation | | plant development and species composition altered* | | 353 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **111** | brook trout streams | | | | | 70% reduction from 1991 levels | | | 1521 | A | ANC | 20 meq/L | | increase in soil N can cause alien plants to become more dominant | |
| **55** | Arbutus Lake | | | | | | | | 4101 | A & T | ANC | | | | |
| **55** | Biscuit Brook | | | | | | | | 4101 | A & T | ANC | | | | |
| **55** | Constable Pond | | | | | | | | 4101 | A & T | ANC | | | | |
| **55** | West Pond | | | | | | | | 4101 | A & T | ANC | | | | |
| **55** | Willy's Pond | | | | | | | | 4101 | A & T | ANC | | | | |
| **58** | Arbutus Lake | 3.6 | 6.5 | | 257 | 405 | | wet | 2634 | A | ANC | 50 ueq/L | | | 2632 |
| **58** | Biscuit Brook | 4.4 | 8.1 | | 314 | 505 | | wet | 2634 | A | ANC | 20 ueq/L | | | 2632 |
| **58** | Constable Pond | 4.3 | 8.4 | | 307 | 524 | | wet | 2634 | A | ANC | 0 ueq/L | | | 2632 |
| **58** | West Pond | 4.4 | 8.5 | | 314 | 530 | | wet | 2634 | A | ANC | 0 ueq/L | | | 2632 |
| **58** | Willy's Pond | 4.4 | 8.9 | | 314 | 555 | | wet | 2634 | A | ANC | 0 ueq/L | | | 2632 |
| **127** | Pear Lake | 7 | 1 | | 500 | 62 | | wet + dry | 130 and 131 | A | ANC | 20 ueq/L | lake acidification | | 130 and 131 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **127** | Emerald Lake | 7 | 2 | | 500 | 125 | | wet + dry | 130 and 131 | A | ANC | 20 ueq/L | lake acidification | | 130 and 131 |
| **127** | Pear Lake | 24 | 4 | | 1713 | 249 | | wet + dry | 130 and 131 | A | ANC | 0 ueq/L | chronic lake acidification | | 130 and 131 |
| **127** | Emerald Lake | 19 | 5 | | 1356 | 312 | | wet + dry | 130 and 131 | A | ANC | 0 ueq/L | chronic lake acidification | | 130 and 131 |
| **127** | Ampitheatre Lake | 29 | 8 | | 2070 | 499 | | wet + dry | 130 and 131 | A | ANC | 20 ueq/L | lake acidification | | 130 and 131 |
| **127** | Eunice Lake | 31 | 8 | | 2213 | 499 | | wet + dry | 130 and 131 | A | ANC | 20 ueq/L | lake acidification | | 130 and 131 |
| **127** | Surprise Lake | 32 | 9 | | 2285 | 561 | | wet + dry | 130 and 131 | A | ANC | 20 ueq/L | lake acidification | | 130 and 131 |
| **127** | Loch Vale | 15 | 10 | | 1071 | 624 | | wet + dry | 130 and 131 | A | ANC | 20 ueq/L | lake acidification | | 130 and 131 |
| **127** | Ampitheatre Lake | 45 | 12 | | 3213 | 748 | | wet + dry | 130 and 131 | A | ANC | 0 ueq/L | chronic lake acidification | | 130 and 131 |
| **127** | Loch Vale | 22 | 14 | | 1571 | 873 | | wet + dry | 130 and 131 | A | ANC | 0 ueq/L | chronic lake acidification | | 130 and 131 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **127** | Surprise Lake | 51 | 14 | | 3641 | 873 | | wet + dry | 130 and 131 | A | ANC | 0 ueq/L | chronic lake acidification | | 130 and 131 |
| **127** | Eunice Lake | 56 | 14 | | 3998 | 873 | | wet + dry | 130 and 131 | A | ANC | 0 ueq/L | chronic lake acidification | | 130 and 131 |
| **90** | Biscuit Brook, NY | 8 | | | 571 | | | | 19 | A & T | | | | | |
| **90** | Hubbard Brook, NH | 8 | | | 571 | | | | 19 | A & T | | | | | |
| **95** | Hubbard Brook E.F. | | 11.4 | | | 710 | | bulk | 196 | A | | | stream acidity | | |
| **25** | Carter Pond | | | | | | -925 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Haskell Pd;Haskell Bk R | | | | | | -284 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Spectacle Pond | | | | | | -271 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Southeast Pond | | | | | | -251 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Little Mink Hole | | | | | | -232 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | PAMOLA P | | | | | | -224 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | BLUNTS P | | | | | | -188 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 25 | DUCK POND | | | | | | -155 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | UNNAMED P | | | | | | -152 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | PINNACLE P | | | | | | -139 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | KEROSEN E P | | | | | | -126 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | LILY P | | | | | | -109 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Duck Pond | | | | | | -104 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Kinnacum Pond | | | | | | -101 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | BEANS (BEAN) P | | | | | | -87 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | UNKNOW N P | | | | | | -83 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | CRATER P | | | | | | -83 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | CURRIER P (FOURTH) | | | | | | -82 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | HORSESH OE P | | | | | | -78 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | ROCKY L | | | | | | -71 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **25** | PIKE BROOK P (EAST) | | | | | | -61 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | EMERY (MUD) P | | | | | | -52 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | BEAN P | | | | | | -48 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Forester | | | | | | -47 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | LILY P | | | | | | -46 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | DEAD P | | | | | | -42 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Little Smelt Pond | | | | | | -37 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Doe Pond | | | | | | -34 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | CRYSTAL POND | | | | | | -31 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Cornelius Pond;Briar Pd | | | | | | -29 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Hawks Nest Pd;Walkers P | | | | | | -24 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | BLACK BROOK P (1ST) | | | | | | -23 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **25** | BLACK BROOK P #5 | | | | | | -17 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | DUCK P | | | | | | -13 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | P E OF PINEO P | | | | | | -9 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | SIMMONS P | | | | | | -6 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | ROCKY P | | | | | | -5 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | CRYSTAL P | | | | | | 1 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Round Pond | | | | | | 3 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | ROUND P | | | | | | 8 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | HAMILTO N P | | | | | | 11 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | ROUND P | | | | | | 13 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Long Pond | | | | | | 32 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | PICKEREL P | | | | | | 34 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | CHAMBER LAIN P | | | | | | 34 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **25** | HADLEY L #1 | | | | | | 44 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | MUD P | | | | | | 44 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | CLOUD P | | | | | | 51 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | GOOSE P | | | | | | 51 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Haystack | | | | | | 51 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Ivanhoe P | | | | | | 55 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Ruth Pond | | | | | | 61 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | STUART P | | | | | | 62 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Round Pond | | | | | | 78 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Indian Pond | | | | | | 80 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Crow Hill Pond | | | | | | 105 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | PIKE BROOK P (WEST) | | | | | | 105 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | MEYERS P (NORTH) | | | | | | 107 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 25 | P W PINKHAM S COV | | | | | | 108 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Quidnick | | | | | | 108 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | TUMBLED OWN P | | | | | | 119 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | SPECK P | | | | | | 129 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | MUD POND | | | | | | 132 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | PRETTY P | | | | | | 135 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Higgins Pond | | | | | | 137 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | ROUND P | | | | | | 139 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | BLACK(BL ACK SNAKE) P | | | | | | 143 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Emmons Pond | | | | | | 147 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | ROUND P | | | | | | 147 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | ROCKY POND | | | | | | 147 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Scokes | | | | | | 149 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **25** | SALMON P | | | | | | 152 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | ECHO LAKE | | | | | | 153 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | South Triangle Pond | | | | | | 157 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | CURTIS P | | | | | | 157 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | JOE P | | | | | | 160 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | PINEO P | | | | | | 166 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Muddy | | | | | | 171 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | LAKE COWLES | | | | | | 173 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | ROUND P | | | | | | 178 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | DEPOT P | | | | | | 184 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | UNNAMED P | | | | | | 188 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Branch | | | | | | 189 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Horse Pond | | | | | | 191 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **25** | Greenwood Pond | | | | | | 199 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Lake Denison | | | | | | 200 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Little Sandy Pond | | | | | | 202 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | GREENWOOD P | | | | | | 204 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | PEEP L | | | | | | 205 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Upper Naukeag Lake | | | | | | 207 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | MUSKRAT P | | | | | | 207 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Pisgah | | | | | | 211 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | ROUND PON | | | | | | 222 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | DUCK P | | | | | | 226 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | SOUTH (PINE TREE) P | | | | | | 226 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Ezekiel Pond | | | | | | 227 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | GARLAND P (NORTH) | | | | | | 237 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **25** | LILY BAY P | | | | | | 238 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | L Wampanoag ; Nashua Res | | | | | | 240 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | MEYERS P (SOUTH) | | | | | | 244 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | DERBY POND | | | | | | 244 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | BARREN P | | | | | | 246 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | New Long Pond | | | | | | 248 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Belmont Res;Steam Sawmi | | | | | | 253 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | FLAT MOUNTAI N POND (1&2) | | | | | | 254 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Pratt Pon | | | | | | 265 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Copicut | | | | | | 270 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | SOUTHWE ST P | | | | | | 272 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **25** | ANDERSON POND | | | | | | 274 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | AZISCOHOS P | | | | | | 278 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | DEAD P | | | | | | 281 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Bourn | | | | | | 282 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | MOXIE P | | | | | | 283 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Sunset | | | | | | 285 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | KLONDIKE P | | | | | | 289 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | JACKSON P | | | | | | 294 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | OAK P | | | | | | 296 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | LOON P | | | | | | 297 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | FOUR MILE POND | | | | | | 298 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Little | | | | | | 298 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | May Pond | | | | | | 303 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 25 | Wickett | | | | | | 306 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | FAIRBANKS P | | | | | | 307 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | DAVIS P | | | | | | 309 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | HADLEY L #2 | | | | | | 311 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | WITHAM P | | | | | | 316 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | TUNK LAKE | | | | | | 317 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Child's B | | | | | | 320 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | CHIMNEY P | | | | | | 329 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | North Pon | | | | | | 331 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Bog | | | | | | 332 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | HALFMILE POND | | | | | | 332 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | ROCK P | | | | | | 333 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | #6 Res. | | | | | | 335 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | SOLITUDE, LAKE | | | | | | 338 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 25 | Knight's | | | | | | 342 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | LITTLE LONG P | | | | | | 342 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | THE HORNS P | | | | | | 343 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Seaver's | | | | | | 343 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | UNNAMED P | | | | | | 345 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | SAND P | | | | | | 349 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | MOUNTAI N | | | | | | 350 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | ROCK P | | | | | | 353 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Smith Pond - 1991 | | | | | | 358 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Hedges Pond | | | | | | 358 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Hodge Pon | | | | | | 361 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | PARTRIDG E POND | | | | | | 364 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Great Pond | | | | | | 365 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Somerset | | | | | | 368 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 25 | ISLAND P | | | | | | 370 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | SAND P | | | | | | 373 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Island Po | | | | | | 376 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | CORSER POND | | | | | | 381 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | MOOSE AND DEER P | | | | | | 385 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | L Rohunta; South Basin | | | | | | 387 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Killingly Pond | | | | | | 389 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | CROCKER P | | | | | | 391 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | BLACK MOUNTAI N POND | | | | | | 392 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | DEER P | | | | | | 393 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | WITHAM BOG | | | | | | 394 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Black Pond (Woodstock ) | | | | | | 398 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **25** | UNNAMED P | | | | | | 403 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | BASIN P #1 | | | | | | 404 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Cowee Pd;Marm Johns Pd | | | | | | 404 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | College Pond | | | | | | 407 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | GOULD P | | | | | | 407 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | LONG P | | | | | | 416 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Slaughterhouse Pond - 1991 | | | | | | 417 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | PARKER (BARKER) P | | | | | | 417 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | ROUND P | | | | | | 417 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | NEWBERT POND | | | | | | 419 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | LONG P | | | | | | 420 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | EDDY P | | | | | | 424 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **25** | MOUNTAIN P | | | | | | 425 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Miller Po | | | | | | 432 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Whitehall Reservoir | | | | | | 433 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | SWIFT RIVER P (LIT) | | | | | | 441 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Gregg Pon | | | | | | 445 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Turner Pd;Turners Mill | | | | | | 451 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | SPENCER P | | | | | | 455 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | LEDGE P | | | | | | 457 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Skatutake | | | | | | 457 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | MUD P | | | | | | 458 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Grout | | | | | | 460 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | OTTER P #3 | | | | | | 464 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Bickford | | | | | | 466 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **25** | Bigelow Pond | | | | | | 468 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | LONG P (LITTLE) | | | | | | 472 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | THREE PONDS, MIDDLE | | | | | | 474 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | ROUND P | | | | | | 476 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | SADDLEB ACK P | | | | | | 477 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | P SE SCHOODIC TO | | | | | | 477 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | HUNTER (TOWN LINE) P | | | | | | 482 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | PLEASANT LAKE | | | | | | 484 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | SWIFT RIVER P | | | | | | 487 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | BASIN P #2 | | | | | | 489 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Stamford | | | | | | 490 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Big Mud | | | | | | 492 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **25** | Kingsbury | | | | | | 501 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Spectacle Pond | | | | | | 502 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | THREE PONDS, UPPER | | | | | | 507 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | SCHOODIC L | | | | | | 509 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | UNNAMED P | | | | | | 512 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | N Watuppa L;N Watuppa R | | | | | | 523 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | LONESOM E LAKE | | | | | | 524 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | GUINEA POND | | | | | | 526 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | LARD P | | | | | | 527 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Russell P | | | | | | 531 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | JELLISON POND | | | | | | 533 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | ROUND P | | | | | | 533 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | LILY L | | | | | | 534 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 25 | SAND P | | | | | | 534 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Highland | | | | | | 541 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | PEAKED HILL POND | | | | | | 542 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Big Sandy Pond | | | | | | 547 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Hardwood | | | | | | 548 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | PENNY P | | | | | | 553 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | MILLEN POND | | | | | | 553 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Adams Pond | | | | | | 556 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | WHITE LAKE | | | | | | 563 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Lovewell Pond | | | | | | 567 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Ashby Reservoir | | | | | | 569 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | YOUNGS P | | | | | | 571 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Beach Pond | | | | | | 576 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **25** | TRIO PONDS, ONE AND TWO | | | | | | 577 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Crystal Lake; Fresh Pd | | | | | | 579 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | East Bran | | | | | | 581 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | SWEAT POND | | | | | | 587 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | ETHEL P | | | | | | 589 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Lake Lorraine | | | | | | 597 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Mare Pond | | | | | | 610 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Sassaquin Pond | | | | | | 614 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Mashapaug | | | | | | 618 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | COLE POND | | | | | | 624 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | NORTHWEST P | | | | | | 631 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | BEAN POND | | | | | | 633 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **25** | UNNAMED P | | | | | | 637 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Lake Wyol | | | | | | 651 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | TILDEN POND | | | | | | 652 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | MOUNTAI N P #2 | | | | | | 670 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | SABBATH DAY P | | | | | | 677 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | SNOW MOUNTAI N P | | | | | | 684 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | WRIGHT POND | | | | | | 686 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | SIGNAL POND | | | | | | 688 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Green Falls Reservoir | | | | | | 692 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | HURRICA NE P | | | | | | 692 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | DUBLIN POND | | | | | | 693 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | HALL POND, MIDDLE | | | | | | 707 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Howe | | | | | | 707 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **25** | Pelham Street Pond | | | | | | 711 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | BOUNDARY P | | | | | | 718 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | HELON TAYLOR P | | | | | | 724 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | WELLMAN P | | | | | | 726 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | WACHIPAUKA POND | | | | | | 731 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Weeks Pond | | | | | | 736 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | SALMON POND | | | | | | 740 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | LONG POND | | | | | | 740 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | ROCK P | | | | | | 750 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | SECOND POND | | | | | | 753 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | MACDOUGALL P | | | | | | 757 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | P SSE UNKNOWN P | | | | | | 782 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | ISLAND P (BIG) | | | | | | 784 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 25 | GRANITE LAKE | | | | | | 785 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | BLUFF P | | | | | | 797 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | PRICK P | | | | | | 808 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | DUSTAN POND | | | | | | 813 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | BEAVER P | | | | | | 817 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | GRANTS P | | | | | | 829 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | LOON POND | | | | | | 834 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Beaver | | | | | | 835 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | LONG P | | | | | | 837 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | NUBANUS IT LAKE | | | | | | 838 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Holden Res 1;Upper Hold | | | | | | 839 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | BOUNDAR Y P (SOUTH) | | | | | | 839 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Blue Hills Reservoir | | | | | | 845 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 25 | MIDWAY P | | | | | | 847 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Lake Winchester | | | | | | 849 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | BOW LAKE | | | | | | 850 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | WHITCOM B POND | | | | | | 863 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | SILVER LAKE | | | | | | 864 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | SPECTACL E POND | | | | | | 865 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | GRANTS P | | | | | | 866 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Stump Pond | | | | | | 869 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | P E OF PICKEREL | | | | | | 875 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | BRACEY POND | | | | | | 877 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Day Mill Pond | | | | | | 898 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | OTTER P #4 | | | | | | 912 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Bashan | | | | | | 921 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Dark Brook Pond - 1991 | | | | | | 934 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 25 | Cobble Mtn. Reservoir | | | | | | 934 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Beaver Pond | | | | | | 935 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | CRANBERRY P | | | | | | 944 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Dicks Pond | | | | | | 944 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | STINSON LAKE | | | | | | 945 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | ISLAND P (LITTLE) | | | | | | 954 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | NO NAME P | | | | | | 957 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | SILVER L | | | | | | 983 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | COLD SPRING POND | | | | | | 987 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | DOUGLAS P | | | | | | 997 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | CENTER POND | | | | | | 1013 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | SADDLEBACK P (LT) | | | | | | 1014 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Powers | | | | | | 1018 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 25 | SNAIL P | | | | | | 1020 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Lily Pond | | | | | | 1026 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | MOUNTAIN P #1 | | | | | | 1030 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | CONNER POND | | | | | | 1031 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | STONE POND | | | | | | 1038 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | BLACK POND | | | | | | 1042 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | LOST P | | | | | | 1044 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | BRACEY P | | | | | | 1046 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Stearns Pond | | | | | | 1054 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Peverly Pond | | | | | | 1065 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | OTTER P #1 | | | | | | 1075 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Red Bk Pond;Catau met Pd | | | | | | 1087 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | RUSSELL POND | | | | | | 1088 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **25** | UNNAMED P | | | | | | 1090 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | BOWMAN P #1 | | | | | | 1117 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | TIM P | | | | | | 1119 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | State Line Pond | | | | | | 1121 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | CLEARWATER P | | | | | | 1124 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | WALES P | | | | | | 1125 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Herring Brook Pond | | | | | | 1131 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Lake Quassapaug | | | | | | 1146 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | MORRISON P | | | | | | 1150 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | CLAY P | | | | | | 1150 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | MINK P | | | | | | 1162 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | ROUND P | | | | | | 1163 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | GRASSY P | | | | | | 1181 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 25 | SAWYER POND, LITTLE | | | | | | 1189 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Lake of Isles | | | | | | 1190 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Noquockoke L;South Basi | | | | | | 1192 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | unnamed pond | | | | | | 1202 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | OTTER P #2 | | | | | | 1203 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | FISH P #1 (LITTLE) | | | | | | 1209 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | TOOTHAKER P | | | | | | 1217 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | DIMMICK P (MOUNTAIN) | | | | | | 1232 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Breakneck Pond | | | | | | 1233 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Sheldon Pond | | | | | | 1241 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Burncoat Pond | | | | | | 1257 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Norwich Pond | | | | | | 1261 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 25 | Cloverdale Street Pond | | | | | | 1262 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | TROUT POND | | | | | | 1275 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Red Cedar | | | | | | 1289 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Rogers | | | | | | 1303 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Billings | | | | | | 1321 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Uncas Pond | | | | | | 1353 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Cedar Meadow Pond | | | | | | 1378 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | CUPSUPTI C P | | | | | | 1388 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Pachaug Pond | | | | | | 1390 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Wyassup | | | | | | 1393 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | LOON LAKE | | | | | | 1396 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Herring Pond | | | | | | 1405 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Long Pond | | | | | | 1407 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 25 | Beachdale Pond | | | | | | 1411 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | West Hill Pond | | | | | | 1411 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | WHITE CAP P | | | | | | 1417 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Stevens Pond - 1991 | | | | | | 1421 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | WILEY POND | | | | | | 1431 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | L POND | | | | | | 1433 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Mohawk Pond | | | | | | 1447 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Storrow Pond | | | | | | 1454 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Sandy Pond | | | | | | 1462 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | P NE OF POLAND S | | | | | | 1462 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | CAMPBEL L P | | | | | | 1500 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | LIZZIES BOG | | | | | | 1505 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Pataganset | | | | | | 1506 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Alexander | | | | | | 1523 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 25 | Ponkapog Pond | | | | | | 1529 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | SURPLUS P | | | | | | 1539 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | HELEN P | | | | | | 1540 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | DOCTOR P | | | | | | 1542 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Anderson's Pond | | | | | | 1544 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | NORTH P | | | | | | 1553 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Saima Pond | | | | | | 1560 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | BLACK P (LOWER) | | | | | | 1561 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | COOKS POND | | | | | | 1564 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Crystal (Ellington) | | | | | | 1566 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Beagle Club Pond | | | | | | 1577 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Terramuggus | | | | | | 1584 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | GREELEY POND (UPPER) | | | | | | 1588 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 25 | MUD P | | | | | | 1610 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Deep Pond | | | | | | 1618 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | ROUND COVE P | | | | | | 1619 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | CRANBERRY BOG POND | | | | | | 1632 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Factory Village Pd;Phil | | | | | | 1645 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Fitch Basin | | | | | | 1653 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | KAMANKEAG P | | | | | | 1663 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Lynde Brook Reservoir | | | | | | 1676 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Trout Pd 2; Demming Pd | | | | | | 1683 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | UNNAMED P | | | | | | 1702 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Demond Pond | | | | | | 1704 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | ABOL POND | | | | | | 1743 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **25** | Lake Hayward | | | | | | 1745 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | FLATIRON P | | | | | | 1776 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Chicopee Brook Pond | | | | | | 1847 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Lantern Hill Pond | | | | | | 1865 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | YORK P | | | | | | 1870 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Blair Pd; Pixley Pd | | | | | | 1884 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | BLACK BROOK P (2ND) | | | | | | 1907 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Kings Pond | | | | | | 1925 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | DEER P | | | | | | 1961 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Johnson Pd; Factory Pd | | | | | | 2001 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | BLACK BROOK P #6 | | | | | | 2018 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Riverdale Pond - 1991 | | | | | | 2025 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Heald Pond | | | | | | 2042 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **25** | Buck Pond | | | | | | 2116 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | BOWMAN P #2 | | | | | | 2117 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Hemenway Pond | | | | | | 2117 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Brass Mill Pond | | | | | | 2194 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Gardner | | | | | | 2257 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | SECRET P | | | | | | 2285 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Upper Spectacle Pond | | | | | | 2287 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | HIGH P | | | | | | 2367 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Highland | | | | | | 2402 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | OLD FISHING P | | | | | | 2465 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | BARKER P | | | | | | 2477 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Roseland | | | | | | 2485 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Squantz Pond | | | | | | 2541 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **25** | Waite Pond | | | | | | 2560 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Haggets Pond | | | | | | 2568 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Wright Pond | | | | | | 2577 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Morse Pond | | | | | | 2587 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Prospect Road West Pond | | | | | | 2679 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Amos | | | | | | 2833 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Mount Tom Pond | | | | | | 2914 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Grove Pond | | | | | | 2914 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Lake Waramaug | | | | | | 2923 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Phoenix Pond; Double Pd | | | | | | 2923 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | River Street Pond | | | | | | 2932 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Newell Pond | | | | | | 2936 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 25 | Newton Pond; Mud Pond | | | | | | 2988 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | CRYSTAL (BEALS) P | | | | | | 3006 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | SUNDAY P | | | | | | 3026 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Trout Pond | | | | | | 3049 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Steadman Pond | | | | | | 3182 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Lake Archer; Archers Pd | | | | | | 3221 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Hovey Pond - 1991 | | | | | | 3229 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Lake Ripple - 1991 | | | | | | 3314 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Wamgumbaug | | | | | | 3366 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Conwell Pond | | | | | | 3383 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | SANDY BOTTOM P | | | | | | 3471 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Butterfly Pond | | | | | | 3748 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Mill Pond | | | | | | 3982 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 25 | Woolshop Pond - 1991 | | | | | | 3999 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Pleasant St. Pd;Frankli | | | | | | 4020 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Lake Pearl; Whitings Pd | | | | | | 4171 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | West Lake | | | | | | 4500 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Stony Brook Pond | | | | | | 4506 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Ice House Pond | | | | | | 4556 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | TYLER P | | | | | | 4672 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Avery Pond | | | | | | 4734 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Bantam | | | | | | 4960 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Hayman Pond | | | | | | 5053 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Silver Lake; Porter L | | | | | | 5693 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Beseck | | | | | | 5752 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Crystal (Middletow n) | | | | | | 5927 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **25** | Quonnipaug | | | | | | 6040 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Tyler | | | | | | 6405 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | West Side Pond | | | | | | 6545 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Upper Mystic Lake | | | | | | 6746 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Dog Pond | | | | | | 6761 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Robbins Pond | | | | | | 6864 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | CARRY L | | | | | | 7216 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Lake Garfield | | | | | | 7405 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Porter Lake West | | | | | | 7580 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Candlewood | | | | | | 7827 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Black Pond (Meriden) | | | | | | 7852 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Ball Pond | | | | | | 8099 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **25** | Pine Tree Pond | | | | | | 8196 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 25 | P W CARSON RD | | | | | | 8439 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Silver | | | | | | 8448 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Brookside Pond | | | | | | 8962 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | DEEP L #1 | | | | | | 9071 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Woods Corner Pond | | | | | | 9528 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Long Pond | | | | | | 9769 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Cheshire Res. North | | | | | | 9872 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | East Twin | | | | | | 10731 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Kenosia | | | | | | 10976 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Harts Pond; Gogulski Pd | | | | | | 11774 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Linsley Pond | | | | | | 12200 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| 25 | Lake Wonoscopo muc | | | | | | 14381 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **25** | Mill Pd;Smiley Mill Pd; | | | | | | 22923 | total | | A | ANC | 40 eq/L | | damage to fish populations | 2 |
| **13** | Crater Lake | 5 | 3 | | 357 | 187 | | wet + dry | viii-ix | A & T | Aq.: lake transparency (ANC not a concern) | | | Aq: primary productivity (as related to N) Terr: vegetation damage/shifts in populations | 51 |
| **13** | Craters of the Moon | 5 | 3 | | 357 | 187 | | wet + dry | viii-ix | A & T | ANC | | | lake biota-currently no specific sensitive receptors known Terr: vegetation damage/shifts in populations | 78 |
| **13** | Mt. Rainier | 5 | 3 | | 357 | 187 | | wet + dry | viii-ix | A & T | ANC | | | Aq.: amphibians Terr: vegetation damage/shifts in populations | 115 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **13** | Norther Cascades | 5 | 3 | | 357 | 187 | | wet + dry | viii-ix | A & T | ANC | | | Aq.: amphibians Terr: vegetation damage/shifts in populations | 151-152 |
| **13** | Olympic | 5 | 3 | | 357 | 187 | | wet + dry | viii-ix | A & T | ANC | | | lake biota-currently no specific sensitive receptors known Terr: vegetation damage/shifts in populations | 186-187 |
| **3** | Receptor 47 - Calvert/St. Mary's County | | 2.5 | | | 156 | | wet | 281 | A | freshwater acidification | (brook trout pH< 5.75, blue black herring pH< 6.2, s-mouth bass pH< 5.8) | | fish species health | 274 |
| **3** | Receptor 41 - Anne Arundel County | | 3.7 | | | 231 | | wet | 281 | A | freshwater acidification | (brook trout pH< 5.75, blue black herring pH< 6.2, s-mouth bass pH< 5.8) | | fish species health | 274 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **3** | Receptor 66 - Wicomico/Somerset County | | 4.1 | | | 256 | | wet | 285 | A | freshwater acidification | (brook trout pH< 5.75, blue black herring pH< 6.2, s-mouth bass pH< 5.8) | | fish species health | 274 |
| **3** | Receptor 4 - Garret County | | 4.4 | | | 274 | | wet | 281 | A | freshwater acidification | (brook trout pH< 5.75, blue black herring pH< 6.2, s-mouth bass pH< 5.8) | | fish species health | 274 |
| **3** | Receptor 13 - Allegany County | | 4.8 | | | 299 | | wet | 285 | A | freshwater acidification | (brook trout pH< 5.75, blue black herring pH< 6.2, s-mouth bass pH< 5.8) | | fish species health | 274 |
| **3** | Receptor 67 | | 4.9 | | | 306 | | wet | 285 | A | freshwater acidification | (brook trout pH< 5.75, blue black herring pH< 6.2, s-mouth bass pH< 5.8) | | fish species health | 274 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **3** | Receptor 14 | | 5.8 | | | 362 | | wet | 285 | A | freshwater acidification | (brook trout pH< 5.75, blue black herring pH< 6.2, s-mouth bass pH< 5.8) | | fish species health | 274 |
| **3** | Receptor 6 - Garret County | | 5.9 | | | 368 | | wet | 285 | A | freshwater acidification | (brook trout pH< 5.75, blue black herring pH< 6.2, s-mouth bass pH< 5.8) | | fish species health | 274 |
| **3** | Receptor 8 - Garret County | | 5.9 | | | 368 | | wet | 285 | A | freshwater acidification | (brook trout pH< 5.75, blue black herring pH< 6.2, s-mouth bass pH< 5.8) | | fish species health | 274 |
| **16** | Otter Creek, WV | 7 | 5 | | 500 | 312 | | wet + dry | 5 | A & T | reduction in base cations in soils | 1 meq/100g/175 yrs | AQRVs, forest N cycling | vegetation health and vigor | 11 |
| **16** | Bob Marshall, MT | 3-5 | 5 | | 214-357 | 312 | | wet + dry | 5 | A & T | reduction in base cations in soils | 1 meq/100g/175 yrs | AQRVs, forest N cycling | vegetation health and vigor | 11 |
| **16** | Boundary Waters Canoe Area, MN | 3-5 | 5 | | 214-357 | 312 | | wet + dry | 5 | A & T | reduction in base cations in soils | 1 meq/100g/175 yrs | AQRVs, forest N cycling | vegetation health and vigor | 11 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **16** | Bridger, WY | 3-5 | 5 | | 214-357 | 312 | | wet + dry | 5 | A & T | reduction in base cations in soils | 1 meq/100g/175 yrs | AQRVs, forest N cycling | vegetation health and vigor | 11 |
| **16** | San Gorgonio, CA | 5 | 3-5 | | 357 | 187-312 | | wet + dry | 5 | A & T | reduction in base cations in soils | 1 meq/100g/175 yrs | AQRVs, forest N cycling | vegetation health and vigor | 11 |
| **16** | Hoover, CA | 3-5 | 3-5 | | 214-357 | 187-312 | | wet + dry | 5 | A & T | reduction in base cations in soils | 1 meq/100g/175 yrs | AQRVs, forest N cycling | vegetation health and vigor | 11 |
| **16** | Alpine Lakes, WA | 5-7 | 3-5 | | 357-500 | 187-312 | | wet + dry | 5 | A & T | reduction in base cations in soils | 1 meq/100g/175 yrs | AQRVs, forest N cycling | vegetation health and vigor | 11 |
| **16** | Superstition, AZ | 3-5 | 5-7 | | 214-357 | 312-437 | | wet + dry | 5 | A & T | reduction in base cations in soils | 1 meq/100g/175 yrs | AQRVs, forest N cycling | vegetation health and vigor | 11 |
| **16** | Joyce Kilmer, NC/Slick Rock, TN | 7-10 | 5-7 | | 500-714 | 312-437 | | wet + dry | 5 | A & T | reduction in base cations in soils | 1 meq/100g/175 yrs | AQRVs, forest N cycling | vegetation health and vigor | 11 |
| **67** | Neuse River Basin | 10 | | | 714 | | | wet + dry | 10 | T | high summer N loads in river | | potential excess N | algal blooms | 18 |
| **1** | Region 1: Appalachian Plateau | | <24 | | | <1500 | | wet+dry SO4 | 4-4, volume 1 | A | stream pH: | br. trout pH< 5.3, s-mouthbass pH< 5.8, wh.sucker pH< 5.6 | | fish kill (at reported values) | 4-10, volume 3 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1** | Region 7: South Coastal Plain, West Shore | | <24 | | | <1500 | | wet+dry SO4 | 4-4, volu me 1 | A | stream pH: | wh.sucker pH< 5.6, blue black herring pH< 6.2 | | fish kill (at re-ported values) | 4-10, volume 3 |
| **1** | Region 8: South Coastal Plain, East Shore | | <24 | | | <1500 | | wet+dry SO4 | 4-4, volu me 1 | A | stream pH: | wh.sucker pH< 5.6, blue black herring pH< 6.2 | | fish kill (at re-ported values) | 4-10, volume 3 |
| **1** | Region 5: North Coastal Plain, West Shore | | 28 | | | 1750 | | wet+dry SO4 | 4-4, volu me 1 | A | stream pH: | wh.sucker pH< 5.6, blue black herring pH< 6.2 | | fish kill (at re-ported values) | 4-10, volume 3 |
| **1** | Region 2: Valley and Ridge | | >40 | | | >2500 | | wet+dry SO4 | 4-4, volu me 1 | A | stream pH: | br. trout pH< 5.3, s-mouthbass pH< 5.8, wh.sucker pH< 5.6 | | fish kill (at re-ported values) | 4-10, volume 3 |
| **1** | Region 3: Blue Ridge | | >40 | | | >2500 | | wet+dry SO4 | 4-4, volu me 1 | A | stream pH: | br. trout pH< 5.3, s-mouthbass pH< 5.8, wh.sucker pH< 5.6 | | fish kill (at re-ported values) | 4-10, volume 3 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1** | Region 4: Piedmont | | >40 | | | >2500 | | wet+dry SO4 | 4-4, volu me 1 | A | stream pH: | br. trout pH< 5.3, s-mouthbass pH< 5.8, wh.sucker pH< 5.6 | | fish kill (at re-ported values) | 4-10, volume 3 |
| **1** | Region 6: North Coastal Plain, East Shore | | 48 | | | 3000 | | wet+dry SO4 | 4-4, volu me 1 | A | stream pH: | wh.sucker pH< 5.6, blue black herring pH< 6.2 | | fish kill (at re-ported values) | 4-10, volume 3 |
| **131** | Adirondack Lakes | | 6.4 | | | 399 | | wet | 4-9 | A | pH | 6 | | protect 90% of cluster lakes | 4-9 |
| **131** | Adirondack Lakes | | 6.6 | | | 412 | | wet | 4-9 | A | pH | 5.5 | | protect 90% of cluster lakes | 4-9 |
| **131** | Adirondack Lakes | | 9.3 | | | 580 | | wet | 4-9 | A | pH | 6 | | protect 85% of cluster lakes | 4-9 |
| **131** | Adirondack Lakes | | 9.5 | | | 593 | | wet | 4-9 | A | pH | 5.5 | | protect 85% of cluster lakes | 4-9 |
| **131** | Adirondack Lakes | | 12.1 | | | 755 | | wet | 4-9 | A | pH | 6 | | protect 80% of cluster lakes | 4-9 |
| **131** | Adirondack Lakes | | 12.4 | | | 773 | | wet | 4-9 | A | pH | 5.5 | | protect 80% of cluster lakes | 4-9 |
| **131** | Adirondack Lakes | | 15.1 | | | 942 | | wet | 4-9 | A | pH | 6 | | protect 75% of cluster lakes | 4-9 |
| **131** | Adirondack Lakes | | 15.4 | | | 961 | | wet | 4-9 | A | pH | 5.5 | | protect 75% of cluster lakes | 4-9 |
| **131** | Adirondack Lakes | | <6 | | | <374 | | wet | 4-9 | A | pH | 6 | | protect 95% of cluster lakes | 4-9 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **131** | Adirondack Lakes | | <6 | | | <374 | | wet | 4-9 | A | pH | 5.5 | | protect 95% of cluster lakes | 4-9 |
| **70** | Forests on calcareous soil | 3-48 | | | 214-3427 | | | wet + dry | 212 | T | N acidifying potential | >0 | soil acidification | species composition shifts; diversity reduction | 205 |
| **70** | Forests on silicate soil | 3-14 | | | 214-1000 | | | wet + dry | 212 | T | N acidifying potential | >0 | soil acidification | species composition shifts; diversity reduction | 205 |
| **70** | Ombotrophic bogs | 5-10 | | | 357-714 | | | wet + dry | 212 | T | N acidifying potential | >0 | soil acidification | species composition shifts; diversity reduction | 205 |
| **70** | Arctic and alpine heaths | 5-15 | | | 357-1071 | | | wet + dry | 212 | T | N acidifying potential | >0 | soil acidification | species composition shifts; diversity reduction | 205 |
| **70** | Montane-subalpine grassland | 10-15 | | | 714-1071 | | | wet + dry | 212 | T | N acidifying potential | >0 | soil acidification | species composition shifts; diversity reduction | 205 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **70** | Neutral-acid–species-rich grassland | 10-15 | | | 714-1071 | | | wet + dry | 212 | T | N acidifying potential | >0 | soil acidification | species composition shifts; diversity reduction | 205 |
| **70** | Acidic (managed) deciduous forest | <15-20 | | | <1071-1428 | | | wet + dry | 212 | T | N acidifying potential | >0 | soil acidification | species composition shifts; diversity reduction | 205 |
| **70** | Species-rich heaths/acidic grasslands | <20 | | | <1428 | | | wet + dry | 212 | T | N acidifying potential | >0 | soil acidification | species composition shifts; diversity reduction | 205 |
| **70** | Calcareous species-rich grassland | 14-25 | | | 1000-1785 | | | wet + dry | 212 | T | N acidifying potential | >0 | soil acidification | species composition shifts; diversity reduction | 205 |
| **70** | Acidic (managed) coniferous forest | 15-20 | | | 1071-1428 | | | wet + dry | 212 | T | N acidifying potential | >0 | soil acidification | species composition shifts; diversity reduction | 205 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **70** | Lowland dry-heathland | 15-20 | | | 1071-1428 | | | wet + dry | 212 | T | N acidifying potential | >0 | soil acidification | species composition shifts; diversity reduction | 205 |
| **70** | Lowland wet-heathland | 17-22 | | | 1214-1571 | | | wet + dry | 212 | T | N acidifying potential | >0 | soil acidification | species composition shifts; diversity reduction | 205 |
| **70** | Mesotrophic fens | 20-35 | | | 1428-2499 | | | wet + dry | 212 | T | N acidifying potential | >0 | soil acidification | species composition shifts; diversity reduction | 205 |
| **129** | Island Pond | | | | | | -1465.3 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Sand Pond | | | | | | -451.1 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Gilmore Pond | | | | | | -180.1 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Constance Lake | | | | | | -103.9 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Darrah Pond | | | | | | -81.4 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Monomonac, Lake | | | | | | 144.7 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **129** | Ivanhoe Lake | | | | | | 178.5 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Echo Lake | | | | | | 179.4 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Halfmile Pond | | | | | | 210.6 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Corser Pond | | | | | | 216.1 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Flat Mountain Ponds | | | | | | 228.3 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Knowles Pond | | | | | | 248.9 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Cold Pond | | | | | | 275.6 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Solitude, Lake | | | | | | 308.4 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Chalk Pond | | | | | | 314.3 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Ayers Pond | | | | | | 322.2 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Pecker Pond | | | | | | 323.4 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Skatutakee, Lake | | | | | | 324 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Laurel Lake | | | | | | 327.1 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **129** | East Pond | | | | | | 361.8 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Millen Pond | | | | | | 382.6 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Ledge Pond | | | | | | 384.2 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Rockwood Pond | | | | | | 386.2 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Carter Pond, upper | | | | | | 397.4 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Gregg Lake | | | | | | 406.6 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Frost Pond | | | | | | 408 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Pratt Pond | | | | | | 408.3 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | May Pond | | | | | | 413.3 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Black Mountain Pond | | | | | | 413.8 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | White Lake | | | | | | 423.5 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Jenness Pond | | | | | | 426.1 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Thorndike Pond | | | | | | 426.6 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **129** | Derby Pond | | | | | | 443.6 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Pleasant Lake | | | | | | 452.6 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Cold Spring Pond | | | | | | 454.8 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Dutchman Pond | | | | | | 464.4 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Peaked Hill Pond | | | | | | 475.4 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Long Pond | | | | | | 506.3 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Nubanusit Lake | | | | | | 528.1 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Dublin Pond | | | | | | 532.8 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Long Pond | | | | | | 534.3 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Sweat Pond | | | | | | 538.1 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Silver Lake | | | | | | 548.1 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Hall Pond, Middle | | | | | | 564.3 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Lonesome Lake | | | | | | 567.5 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Harrisville Pond | | | | | | 575 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **129** | Suncook Pond, lower | | | | | | 576.7 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Cole Pond | | | | | | 580.6 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Conner Pond | | | | | | 595.8 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Spectacle Pond | | | | | | 597.5 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Northwood Lake | | | | | | 609.4 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Center Pond | | | | | | 610.8 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Stone Pond | | | | | | 619.9 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Cass Pond | | | | | | 638.8 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Armington Lake | | | | | | 676.3 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Granite Lake | | | | | | 709.2 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Wachipauka Pond | | | | | | 716.7 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Bow Lake | | | | | | 735.3 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Stinson Lake | | | | | | 862.1 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Russell Pond | | | | | | 887 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **129** | Sawyer Pond, little | | | | | | 914.4 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Loon Lake | | | | | | 922.8 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Bog Pond, little | | | | | | 993.7 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Black Pond | | | | | | 1055.8 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **129** | Greeley Pond (Upper) | | | | | | 1492.4 | total | 11 | A | ANC | 60 ueq/L | lake acidification | aquatic life | 6 |
| **27** | FS (IFS site) | | | | 410 | 427 | 162 | | 354 | T | Al:BC ratio | 0.15 eq/eq | soil acidification | | 352 |
| **27** | GL (IFS site) | | | | 346 | 115 | 204 | | 354 | T | Al:BC ratio | 0.15 eq/eq | soil acidification | | 352 |
| **27** | DL (IFS site) | | | | 491 | 305 | 243 | | 354 | T | Al:BC ratio | 0.15 eq/eq | soil acidification | | 352 |
| **27** | MS (IFS site) | | | | 247 | 201 | 341 | | 354 | T | Al:BC ratio | 0.15 eq/eq | soil acidification | | 352 |
| **27** | LP (IFS site) | | | | 349 | 407 | 403 | | 354 | T | Al:BC ratio | 0.15 eq/eq | soil acidification | | 352 |
| **27** | CH (IFS site) | | | | 262 | 328 | 522 | | 354 | T | Al:BC ratio | 0.15 eq/eq | soil acidification | | 352 |
| **27** | CP (IFS site) | | | | 440 | 390 | 542 | | 354 | T | Al:BC ratio | 0.15 eq/eq | soil acidification | | 352 |
| **27** | SB (IFS site) | | | | 45 | 790 | 593 | | 354 | T | Al:BC ratio | 0.15 eq/eq | soil acidification | | 352 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **27** | SS (IFS site) | | | | 146 | 802 | 642 | | 354 | T | Al:BC ratio | 0.15 eq/eq | soil acidification | | 352 |
| **27** | HF (IFS site) | | | | 463 | 370 | 814 | | 354 | T | Al:BC ratio | 0.15 eq/eq | soil acidification | | 352 |
| **27** | WF (IFS site) | | | | 617 | 377 | 906 | | 354 | T | Al:BC ratio | 0.15 eq/eq | soil acidification | | 352 |
| **27** | ST (IFS site) | | | | 975 | 911 | 922 | | 354 | T | Al:BC ratio | 0.15 eq/eq | soil acidification | | 352 |
| **27** | DF (IFS site) | | | | 559 | 800 | 965 | | 354 | T | Al:BC ratio | 0.15 eq/eq | soil acidification | | 352 |
| **27** | RA (IFS site) | | | | 544 | 802 | 984 | | 354 | T | Al:BC ratio | 0.15 eq/eq | soil acidification | | 352 |
| **27** | FL (IFS site) | | | | 309 | 1183 | 1094 | | 354 | T | Al:BC ratio | 0.15 eq/eq | soil acidification | | 352 |
| **119** | Arrowhead region lakes | | 11 | | 0 | 686 | | wet | 1 | A | precipitation pH ≤ 4.7 (determined in 1987 by MPCA) | | | aquatic biota | 3 |
| **28** | Huntington Forest, SSMB high | -10.8 | | | -771 | | | | 114 | T | ANC | 100 ueq/L | episodic soil and surface water acidification | aquatic biota, forest nutrient imbalance, increased concentration of nitrate, eutrophication of surface waters | 113 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **28** | Hubbard Brook, SSMB high | -4.8 | | | -344 | | | | 114 | T | ANC | 100 ueq/L | episodic soil and surface water acidification | aquatic biota, forest nutrient imbalance, increased concentration of nitrate, eutrophication of surface waters | 113 |
| **28** | Huntington Forest, SSMB low | -4.6 | | | -328 | | | | 114 | T | ANC | 0 ueq/L | chronic soil and surface water acidification | aquatic biota, forest nutrient imbalance, inc. conc. of NO3, eutrophication of surf. waters | 113 |
| **28** | Huntington Forest, MBCMB | 1.0 | | | 70 | | | | 114 | T | | | soil and surface water acidification | aquatic biota, forest nutrient imbalance, inc. conc. of NO3 (in what?), eutrophication of surf. waters | |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **28** | Hubbard Brook, BCMB | 1.2 | | | 84 | | | | 114 | T | | | soil and surface water acidification | aquatic biota, forest nutrient imbalance, increased concentration of nitrate, eutrophication of surface waters | |
| **28** | Hubbard Brook, SSMB low | 7.7 | | | 552 | | | | 114 | T | ANC | 0 ueq/L | chronic soil and surface water acidification | aquatic biota, forest nutrient imbalance, inc. conc. of NO3, eutrophication of surf. waters | 113 |
| **28** | Hubbard Brook MBCMB | 13.0 | | | 931 | | | | 114 | T | | | soil and surface water acidification | aquatic biota, forest nutrient imbalance, inc. conc. of NO3, eutrophication of surf. waters | |
| **28** | Huntington Forest, SSWC | <6.2 | | | <441 | | | | 114 | A | Critical NO3 | -4 ueq/L soil; 138 ueq/L stream | soil and surface water acidification | aquatic biota, forest nutrient imbalance, inc. conc. of NO3, eutrophication of surf. waters | 114 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **28** | Hubbard Brook, SSWC | <6.7 | | | <479 | | | | 114 | A | Critical NO3 | 5 ueq/L | soil and surface water acidification | aquatic biota, forest nutrient imbalance, increased concentration of nitrate, eutrophication of surface waters | 114 |
| **28** | Hubbard Brook, NMB | | | | | | | | 114 | T | N acceptable leaching | 71.4-212.2 moles/ha/yr | soil and surface water acidification | aquatic biota, forest nutrient imbalance, increased concentration of nitrate, eutrophication of surface waters | 116 |
| **28** | Huntington Forest, NMB | | | | | | | | 114 | T | N acceptable leaching | 71.4-212.2 moles/ha/yr | soil and surface water acidification | aquatic biota, forest nutrient imbalance, inc. conc. of NO3, eutrophication of surf. waters | 116 |
| **18** | Lost (Glastenbury) | | | | | | 231 | wet+dry+cloud | 7 | A | ANC | 50 ueq/L | | aquatic biota | 6 |
| **18** | Levi | | | | | | 245 | wet+dry+cloud | 7 | A | ANC | 50 ueq/L | | aquatic biota | 6 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **18** | Little (Winhall) | | | | | | 277 | wet+dry+cloud | 7 | A | ANC | 50 ueq/L | | aquatic biota | 6 |
| **18** | Little Mud (Winhall) | | | | | | 383 | wet+dry+cloud | 7 | A | ANC | 50 ueq/L | | aquatic biota | 6 |
| **18** | Beebe (Sunder-land) | | | | | | 429 | wet+dry+cloud | 7 | A | ANC | 50 ueq/L | | aquatic biota | 6 |
| **18** | Skylight | | | | | | 559 | wet+dry+cloud | 7 | A | ANC | 50 ueq/L | | aquatic biota | 6 |
| **18** | Harriman | | | | | | 747 | wet+dry+cloud | 7 | A | ANC | 50 ueq/L | | aquatic biota | 6 |
| **20** | Agua Tibia | 3-5 | <5 | | 214-357 | <312 | | wet+dry | 10 | T | | | Air Quality Related Values | Damage to sensitive receptors | 10 |
| **20** | San Gabriel | 3-5 | <5 | | 214-357 | <312 | | wet+dry | 10 | T | | | Air Quality Related Values | Damage to sensitive receptors | 10 |
| **20** | Ventana | 3-5 | <5 | | 214-357 | <312 | | wet+dry | 10 | T | | | Air Quality Related Values | Damage to sensitive receptors | 10 |
| **20** | Yolla Bolly-Middle Eel | 3-5 | <5 | | 214-357 | <312 | | wet+dry | 10 | T | | | Air Quality Related Values | Damage to sensitive receptors | 10 |
| **20** | Ansel Adams | <3 | <5 | | <214 | <312 | | wet+dry | 10 | T | | | Air Quality Related Values | Damage to sensitive receptors | 10 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **20** | Caribou | <3 | <5 | | <214 | <312 | | wet+dry | 10 | T | | | Air Quality Related Values | Damage to sensitive receptors | 10 |
| **20** | Cucamonga | <3 | <5 | | <214 | <312 | | wet+dry | 10 | T | | | Air Quality Related Values | Damage to sensitive receptors | 10 |
| **20** | Desolation | <3 | <5 | | <214 | <312 | | wet+dry | 10 | T | | | Air Quality Related Values | Damage to sensitive receptors | 10 |
| **20** | Domeland | <3 | <5 | | <214 | <312 | | wet+dry | 10 | T | | | Air Quality Related Values | Damage to sensitive receptors | 10 |
| **20** | Emigrant | <3 | <5 | | <214 | <312 | | wet+dry | 10 | T | | | Air Quality Related Values | Damage to sensitive receptors | 10 |
| **20** | Hoover | <3 | <5 | | <214 | <312 | | wet+dry | 10 | T | | | Air Quality Related Values | Damage to sensitive receptors | 10 |
| **20** | John Muir | <3 | <5 | | <214 | <312 | | wet+dry | 10 | T | | | Air Quality Related Values | Damage to sensitive receptors | 10 |
| **20** | Kaiser | <3 | <5 | | <214 | <312 | | wet+dry | 10 | T | | | Air Quality Related Values | Damage to sensitive receptors | 10 |
| **20** | Marble Mountain | <3 | <5 | | <214 | <312 | | wet+dry | 10 | T | | | Air Quality Related Values | Damage to sensitive receptors | 10 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **20** | Mokelumne | <3 | <5 | | <214 | <312 | | wet+dry | 10 | T | | | Air Quality Related Values | Damage to sensitive receptors | 10 |
| **20** | San Gorgonio | <3 | <5 | | <214 | <312 | | wet+dry | 10 | T | | | Air Quality Related Values | Damage to sensitive receptors | 10 |
| **20** | San Jacinto | <3 | <5 | | <214 | <312 | | wet+dry | 10 | T | | | Air Quality Related Values | Damage to sensitive receptors | 10 |
| **20** | San Rafael | <3 | <5 | | <214 | <312 | | wet+dry | 10 | T | | | Air Quality Related Values | Damage to sensitive receptors | 10 |
| **20** | South Warner Mountain | <3 | <5 | | <214 | <312 | | wet+dry | 10 | T | | | Air Quality Related Values | Damage to sensitive receptors | 10 |
| **20** | Thousand Lakes | <3 | <5 | | <214 | <312 | | wet+dry | 10 | T | | | Air Quality Related Values | Damage to sensitive receptors | 10 |
| **45** | Grand Teton N.P | 0.8 | 0.7 | | 57 | 44 | | wet | Table IV-4 | A & T | chronic acidification of surface waters | 9999 | | salmonids, lichens, vegetation damage and mortality | III-20 |
| **45** | Yellowstone N.P | 1 | 1 | | 71 | 62 | | wet | Table V-3 | A & T | chronic acidification of surface waters | 9999 | | salmonids, lichens, vegetation damage and mortality | IV-30 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **45** | Glacier N.P. | 1.1 | 1.1 | | 79 | 69 | | wet | Table VI-3 | A & T | chronic acidification of surface waters | 9999 | | salmonids, vegetation damage and mortality | 28 |
| **45** | Wind Caves N.P | 2.0 | 1.1 | | 143 | 69 | | wet | Table VIII-2 | A & T | | | | vegetation damage | 8 |
| **45** | Badlands N.P. | 2.1 | 1.1 | | 150 | 69 | | wet | Table IX-2 | A & T | | | | vegetation damage | 16 |
| **45** | Theodore Roosevelt N.P. | 1.4 | 1.2 | | 100 | 75 | | wet | Table VII-3 | A & T | | | | vegetation damage, lichen and bryophyte health | 23 |
| **45** | Rocky Mountain N.P. | 2.7 | 2 | | 193 | 125 | | wet | Table III-5 | A & T | episodic acidification of surface waters (possibly chronic) | 9999 | | vegetation injury; water quality | part III |
| **40** | Alpine Lakes Wilderness | <3 | <5 | | <214 | <312 | | wet+dry | 15-16 | T | | | damage to terrestrial ecosystems | | 15-16 |
| **40** | Diamond Peak Wilderness | <3 | <5 | | <214 | <312 | | wet+dry | 15-16 | T | | | damage to terrestrial ecosystems | | 15-16 |
| **40** | Eagle Cap Wilderness | <3 | <5 | | <214 | <312 | | wet+dry | 15-16 | T | | | damage to terrestrial ecosystems | | 15-16 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **40** | Gearhart Moutain Wilderness | <3 | <5 | | <214 | <312 | | wet+dry | 15-16 | T | | | damage to terrestrial ecosystems | | 15-16 |
| **40** | Glacier Peak Wilderness | <3 | <5 | | <214 | <312 | | wet+dry | 15-16 | T | | | damage to terrestrial ecosystems | | 15-16 |
| **40** | Goat Rocks Wilderness | <3 | <5 | | <214 | <312 | | wet+dry | 15-16 | T | | | damage to terrestrial ecosystems | | 15-16 |
| **40** | Hells Canyon Wilderness | <3 | <5 | | <214 | <312 | | wet+dry | 15-16 | T | | | damage to terrestrial ecosystems | | 15-16 |
| **40** | Kalmiopsis Wilderness | <3 | <5 | | <214 | <312 | | wet+dry | 15-16 | T | | | damage to terrestrial ecosystems | | 15-16 |
| **40** | Mountain Lakes Wilderness | <3 | <5 | | <214 | <312 | | wet+dry | 15-16 | T | | | damage to terrestrial ecosystems | | 15-16 |
| **40** | Mount Adams Wilderness | <3 | <5 | | <214 | <312 | | wet+dry | 15-16 | T | | | damage to terrestrial ecosystems | | 15-16 |
| **40** | Mount Hood Wilderness | <3 | <5 | | <214 | <312 | | wet+dry | 15-16 | T | | | damage to terrestrial ecosystems | | 15-16 |
| **40** | Mount Jefferson Wilderness | <3 | <5 | | <214 | <312 | | wet+dry | 15-16 | T | | | damage to terrestrial ecosystems | | 15-16 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **40** | Mount Washington Wilderness | <3 | <5 | | <214 | <312 | | wet+dry | 15-16 | T | | | damage to terrestrial ecosystems | | 15-16 |
| **40** | Paysaten Wilderness | <3 | <5 | | <214 | <312 | | wet+dry | 15-16 | T | | | damage to terrestrial ecosystems | | 15-16 |
| **40** | Strawberry Mountain Wilderness | <3 | <5 | | <214 | <312 | | wet+dry | 15-16 | T | | | damage to terrestrial ecosystems | | 15-16 |
| **40** | Three Sisters Wilderness | <3 | <5 | | <214 | <312 | | wet+dry | 15-16 | T | | | damage to terrestrial ecosystems | | 15-16 |
| **19** | Fisher Spring Run; DS19 | | 0.4 | | | 25 | | wet+dry+cloud+fog | 29 | A | ANC | 0 ueq/L | | | 29 |
| **19** | Coal Run; OC35 | | 0.9 | | | 56 | | wet+dry+cloud+fog | 29 | A | ANC | 0 ueq/L | | | 29 |
| **19** | Clubhouse Run-Upper; 2C047010U | | 1.3 | | | 81 | | wet+dry+cloud+fog | 29 | A | ANC | 0 ueq/L | | | 29 |
| **19** | Fernow WS10; FN1 | | 1.9 | | | 119 | | wet+dry+cloud+fog | 29 | A | ANC | 50 ueq/L | | | 29 |
| **19** | Desert Branch; DB99 | | 2 | | | 125 | | wet+dry+cloud+fog | 29 | A | ANC | 0 ueq/L | | | 29 |
| **19** | Fernow WS4; FN3 | | 2.2 | | | 137 | | wet+dry+cloud+fog | 29 | A | ANC | 0 ueq/L | | | 29 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **19** | Otter Creek; WV531S | | 3 | | | 187 | | wet+dry+cloud+fog | 29 | A | ANC | 20 ueq/L | | | 29 |
| **19** | Otter Creek Upper; OC79 | | 3.4 | | | 212 | | wet+dry+cloud+fog | 29 | A | ANC | 0 ueq/L | | | 29 |
| **19** | Clubhouse Run-Lower; 2C047010L | | 3.5 | | | 218 | | wet+dry+cloud+fog | 29 | A | ANC | 0 ueq/L | | | 29 |
| **19** | N Fork Cherry-Upper; 2C046043U | | 3.6 | | | 225 | | wet+dry+cloud+fog | 29 | A | ANC | 20 ueq/L | | | 29 |
| **19** | Moss Run; WV770S | | 3.7 | | | 231 | | wet+dry+cloud+fog | 29 | A | ANC | 100 ueq/L | | | 29 |
| **19** | N Fork Cherry-Lower; 2C046043L | | 3.9 | | | 243 | | wet+dry+cloud+fog | 29 | A | ANC | 20 ueq/L | | | 29 |
| **19** | Noname Trib S Fork Cherry; WV548S | | 4 | | | 249 | | wet+dry+cloud+fog | 29 | A | ANC | 0 ueq/L | | | 29 |
| **19** | Hateful Run; 2C046034 | | 4.3 | | | 268 | | wet+dry+cloud+fog | 29 | A | ANC | 0 ueq/L | | | 29 |
| **19** | Fernow WS13; FN2 | | 4.3 | | | 268 | | wet+dry+cloud+fog | 29 | A | ANC | 20 ueq/L | | | 29 |
| **19** | Elk Run; 2B047032 | | 4.8 | | | 299 | | wet+dry+cloud+fog | 29 | A | ANC | 50 ueq/L | | | 29 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **19** | White Oak Fork; WV788S | | 5.8 | | | 362 | | wet+dry+cloud+fog | 30 | A | ANC | 0 ueq/L | | | 30 |
| **19** | Fernow WS10; FN1 | | 7.3 | | | 455 | | wet+dry+cloud+fog | 29 | A | ANC | 20 ueq/L | | | 29 |
| **19** | N Fork Cherry-Upper; 2C046043U | | 7.6 | | | 474 | | wet+dry+cloud+fog | 29 | A | ANC | 0 ueq/L | | | 29 |
| **19** | Fernow WS13; FN2 | | 7.6 | | | 474 | | wet+dry+cloud+fog | 29 | A | ANC | 0 ueq/L | | | 29 |
| **19** | N Fork Cherry-Lower; 2C046043L | | 7.8 | | | 487 | | wet+dry+cloud+fog | 29 | A | ANC | 0 ueq/L | | | 29 |
| **19** | Red Creek; WV796S | | 8.1 | | | 505 | | wet+dry+cloud+fog | 30 | A | ANC | 20 ueq/L | | | 30 |
| **19** | R Fork Clover; 2C041045 | | 8.7 | | | 543 | | wet+dry+cloud+fog | 29 | A | ANC | 100 ueq/L | | | 29 |
| **19** | Otter Creek; WV531S | | 8.8 | | | 549 | | wet+dry+cloud+fog | 29 | A | ANC | 0 ueq/L | | | 29 |
| **19** | Crawford Run; 2C047007 | | 9.2 | | | 574 | | wet+dry+cloud+fog | 29 | A | ANC | 50 ueq/L | | | 29 |
| **19** | Elk Run; 2B047032 | | 9.9 | | | 617 | | wet+dry+cloud+fog | 29 | A | ANC | 20 ueq/L | | | 29 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **19** | Fernow WS10; FN1 | | 10.3 | | | 642 | | wet+dry+cloud+fog | 29 | A | ANC | 0 ueq/L | | | 29 |
| **19** | Left Fork Clover Run; WV771S | | 11.6 | | | 724 | | wet+dry+cloud+fog | 30 | A | ANC | 100 ueq/L | | | 30 |
| **19** | Moss Run; WV770S | | 11.9 | | | 742 | | wet+dry+cloud+fog | 29 | A | ANC | 50 ueq/L | | | 29 |
| **19** | Crawford Run; 2C047007 | | 12.6 | | | 786 | | wet+dry+cloud+fog | 29 | A | ANC | 20 ueq/L | | | 29 |
| **19** | Elk Run; 2B047032 | | 12.9 | | | 805 | | wet+dry+cloud+fog | 29 | A | ANC | 0 ueq/L | | | 29 |
| **19** | Crawford Run; 2C047007 | | 13.7 | | | 855 | | wet+dry+cloud+fog | 29 | A | ANC | 0 ueq/L | | | 29 |
| **19** | R Fork Clover; 2C041045 | | 14.4 | | | 898 | | wet+dry+cloud+fog | 29 | A | ANC | 50 ueq/L | | | 29 |
| **19** | Red Creek; WV796S | | 14.8 | | | 923 | | wet+dry+cloud+fog | 30 | A | ANC | 0 ueq/L | | | 30 |
| **19** | Moss Run; WV770S | | 15.1 | | | 942 | | wet+dry+cloud+fog | 29 | A | ANC | 20 ueq/L | | | 29 |
| **19** | Left Fork Clover Run; WV771S | | 16.4 | | | 1023 | | wet+dry+cloud+fog | 30 | A | ANC | 50 ueq/L | | | 30 |
| **19** | R Fork Clover; 2C041045 | | 16.8 | | | 1048 | | wet+dry+cloud+fog | 29 | A | ANC | 20 ueq/L | | | 29 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **19** | Moss Run; WV770S | | 17 | | | 1060 | | wet+dry+cloud+fog | 29 | A | ANC | 0 ueq/L | | | 29 |
| **19** | Left Fork Clover Run; WV771S | | 18 | | | 1123 | | wet+dry+cloud+fog | 30 | A | ANC | 20 ueq/L | | | 30 |
| **19** | R Fork Clover; 2C041045 | | 18.3 | | | 1141 | | wet+dry+cloud+fog | 29 | A | ANC | 0 ueq/L | | | 29 |
| **19** | Left Fork Clover Run; WV771S | | 18.9 | | | 1179 | | wet+dry+cloud+fog | 30 | A | ANC | 0 ueq/L | | | 30 |
| **19** | Yellow Creek; YC5157 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 0 ueq/L | | | 29 |
| **19** | Johnson Run; 2C046033 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 0 ueq/L | | | 29 |
| **19** | Little Stonecoal Run; DS04 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 0 ueq/L | | | 29 |
| **19** | Stonecoal Run Left; DS06 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 0 ueq/L | | | 29 |
| **19** | Stonecoal Run Right; DS09 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 0 ueq/L | | | 29 |
| **19** | Unnamed; DS50 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 0 ueq/L | | | 29 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **19** | Condon Run; OC02 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 0 ueq/L | | | 29 |
| **19** | Yellow Creek; OC05 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 0 ueq/L | | | 29 |
| **19** | Unnamed; OC08 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 0 ueq/L | | | 29 |
| **19** | Devils Gulch; OC09 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 0 ueq/L | | | 29 |
| **19** | Possession Camp Run; OC31 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 0 ueq/L | | | 29 |
| **19** | Moores Run; OC32 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 0 ueq/L | | | 29 |
| **19** | Desert Branch; DB99 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 20 ueq/L | | | 29 |
| **19** | Yellow Creek; YC5157 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 20 ueq/L | | | 29 |
| **19** | Johnson Run; 2C046033 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 20 ueq/L | | | 29 |
| **19** | Hateful Run; 2C046034 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 20 ueq/L | | | 29 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **19** | Clubhouse Run-Lower; 2C047010L | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 20 ueq/L | | | 29 |
| **19** | Clubhouse Run-Upper; 2C047010U | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 20 ueq/L | | | 29 |
| **19** | Little Stonecoal Run; DS04 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 20 ueq/L | | | 29 |
| **19** | Stonecoal Run Left; DS06 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 20 ueq/L | | | 29 |
| **19** | Stonecoal Run Right; DS09 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 20 ueq/L | | | 29 |
| **19** | Fisher Spring Run; DS19 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 20 ueq/L | | | 29 |
| **19** | Unnamed; DS50 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 20 ueq/L | | | 29 |
| **19** | Fernow WS4; FN3 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 20 ueq/L | | | 29 |
| **19** | Condon Run; OC02 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 20 ueq/L | | | 29 |
| **19** | Yellow Creek; OC05 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 20 ueq/L | | | 29 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **19** | Unnamed; OC08 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 20 ueq/L | | | 29 |
| **19** | Devils Gulch; OC09 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 20 ueq/L | | | 29 |
| **19** | Possession Camp Run; OC31 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 20 ueq/L | | | 29 |
| **19** | Moores Run; OC32 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 20 ueq/L | | | 29 |
| **19** | Coal Run; OC35 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 20 ueq/L | | | 29 |
| **19** | Otter Creek Upper; OC79 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 20 ueq/L | | | 29 |
| **19** | Noname Trib S Fork Cherry; WV548S | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 20 ueq/L | | | 29 |
| **19** | White Oak Fork; WV788S | | <0 | | | <0 | | wet+dry+cloud+fog | 30 | A | ANC | 20 ueq/L | | | 30 |
| **19** | Desert Branch; DB99 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 50 ueq/L | | | 29 |
| **19** | Yellow Creek; YC5157 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 50 ueq/L | | | 29 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **19** | Johnson Run; 2C046033 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 50 ueq/L | | | 29 |
| **19** | Hateful Run; 2C046034 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 50 ueq/L | | | 29 |
| **19** | N Fork Cherry-Lower; 2C046043L | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 50 ueq/L | | | 29 |
| **19** | N Fork Cherry-Upper; 2C046043U | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 50 ueq/L | | | 29 |
| **19** | Clubhouse Run-Lower; 2C047010L | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 50 ueq/L | | | 29 |
| **19** | Clubhouse Run-Upper; 2C047010U | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 50 ueq/L | | | 29 |
| **19** | Little Stonecoal Run; DS04 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 50 ueq/L | | | 29 |
| **19** | Stonecoal Run Left; DS06 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 50 ueq/L | | | 29 |
| **19** | Stonecoal Run Right; DS09 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 50 ueq/L | | | 29 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **19** | Fisher Spring Run; DS19 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 50 ueq/L | | | 29 |
| **19** | Unnamed; DS50 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 50 ueq/L | | | 29 |
| **19** | Fernow WS13; FN2 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 50 ueq/L | | | 29 |
| **19** | Fernow WS4; FN3 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 50 ueq/L | | | 29 |
| **19** | Condon Run; OC02 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 50 ueq/L | | | 29 |
| **19** | Yellow Creek; OC05 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 50 ueq/L | | | 29 |
| **19** | Unnamed; OC08 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 50 ueq/L | | | 29 |
| **19** | Devils Gulch; OC09 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 50 ueq/L | | | 29 |
| **19** | Possession Camp Run; OC31 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 50 ueq/L | | | 29 |
| **19** | Moores Run; OC32 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 50 ueq/L | | | 29 |
| **19** | Coal Run; OC35 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 50 ueq/L | | | 29 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **19** | Otter Creek Upper; OC79 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 50 ueq/L | | | 29 |
| **19** | Otter Creek; WV531S | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 50 ueq/L | | | 29 |
| **19** | Noname Trib S Fork Cherry; WV548S | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 50 ueq/L | | | 29 |
| **19** | White Oak Fork; WV788S | | <0 | | | <0 | | wet+dry+cloud+fog | 30 | A | ANC | 50 ueq/L | | | 30 |
| **19** | Red Creek; WV796S | | <0 | | | <0 | | wet+dry+cloud+fog | 30 | A | ANC | 50 ueq/L | | | 30 |
| **19** | Desert Branch; DB99 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 100 ueq/L | | | 29 |
| **19** | Yellow Creek; YC5157 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 100 ueq/L | | | 29 |
| **19** | Elk Run; 2B047032 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 100 ueq/L | | | 29 |
| **19** | Johnson Run; 2C046033 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 100 ueq/L | | | 29 |
| **19** | Hateful Run; 2C046034 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 100 ueq/L | | | 29 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **19** | N Fork Cherry-Lower; 2C046043L | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 100 ueq/L | | | 29 |
| **19** | N Fork Cherry-Upper; 2C046043U | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 100 ueq/L | | | 29 |
| **19** | Crawford Run; 2C047007 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 100 ueq/L | | | 29 |
| **19** | Clubhouse Run-Lower; 2C047010L | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 100 ueq/L | | | 29 |
| **19** | Clubhouse Run-Upper; 2C047010U | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 100 ueq/L | | | 29 |
| **19** | Little Stonecoal Run; DS04 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 100 ueq/L | | | 29 |
| **19** | Stonecoal Run Left; DS06 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 100 ueq/L | | | 29 |
| **19** | Stonecoal Run Right; DS09 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 100 ueq/L | | | 29 |
| **19** | Fisher Spring Run; DS19 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 100 ueq/L | | | 29 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **19** | Unnamed; DS50 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 100 ueq/L | | | 29 |
| **19** | Fernow WS10; FN1 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 100 ueq/L | | | 29 |
| **19** | Fernow WS13; FN2 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 100 ueq/L | | | 29 |
| **19** | Fernow WS4; FN3 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 100 ueq/L | | | 29 |
| **19** | Condon Run; OC02 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 100 ueq/L | | | 29 |
| **19** | Yellow Creek; OC05 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 100 ueq/L | | | 29 |
| **19** | Unnamed; OC08 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 100 ueq/L | | | 29 |
| **19** | Devils Gulch; OC09 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 100 ueq/L | | | 29 |
| **19** | Possession Camp Run; OC31 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 100 ueq/L | | | 29 |
| **19** | Moores Run; OC32 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 100 ueq/L | | | 29 |
| **19** | Coal Run; OC35 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 100 ueq/L | | | 29 |
| **19** | Otter Creek Upper; OC79 | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 100 ueq/L | | | 29 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **19** | Otter Creek; WV531S | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 100 ueq/L | | | 29 |
| **19** | Noname Trib S Fork Cherry; WV548S | | <0 | | | <0 | | wet+dry+cloud+fog | 29 | A | ANC | 100 ueq/L | | | 29 |
| **19** | White Oak Fork; WV788S | | <0 | | | <0 | | wet+dry+cloud+fog | 30 | A | ANC | 100 ueq/L | | | 30 |
| **19** | Red Creek; WV796S | | <0 | | | <0 | | wet+dry+cloud+fog | 30 | A | ANC | 100 ueq/L | | | 30 |
| **24** | Site SR1, Shining Rock Wilderness | | 3 | | | 187 | | | 8 | A | ANC | 20 ueq/L | stream acidification | | 8 |
| **24** | Site SR4, Shining Rock Wilderness | | 3 | | | 187 | | | 8 | A | ANC | 20 ueq/L | stream acidification | | 8 |
| **24** | Site JK1, Joyce Kilmer Wilderness | | 8 | | | 499 | | | 8 | A | ANC | 20 ueq/L | stream acidification | | 8 |
| **24** | Site SR2, Shining Rock Wilderness | | 8 | | | 499 | | | 8 | A | ANC | 20 ueq/L | stream acidification | | 8 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **24** | Site SR1, Shining Rock Wilderness | | 10 | | | 624 | | | 8 | A | ANC | 0 ueq/L | stream acidification | | 8 |
| **24** | Site SR5, Shining Rock Wilderness | | 10 | | | 624 | | | 8 | A | ANC | 20 ueq/L | stream acidification | | 8 |
| **24** | Site SR3, Shining Rock Wilderness | | 12 | | | 748 | | | 8 | A | ANC | 20 ueq/L | stream acidification | | 8 |
| **24** | Site SR4, Shining Rock Wilderness | | 14 | | | 873 | | | 8 | A | ANC | 0 ueq/L | stream acidification | | 8 |
| **24** | Site JK1, Joyce Kilmer Wilderness | | 15 | | | 936 | | | 8 | A | ANC | 0 ueq/L | stream acidification | | 8 |
| **24** | Site JK2, Joyce Kilmer Wilderness | | 17 | | | 1060 | | | 8 | A | ANC | 50 ueq/L | stream acidification | | 8 |
| **24** | Site SR2, Shining Rock Wilderness | | 19 | | | 1185 | | | 8 | A | ANC | 0 ueq/L | stream acidification | | 8 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **24** | Site SR5, Shining Rock Wilderness | | 21 | | | 1310 | | | 8 | A | ANC | 0 ueq/L | stream acidification | | 8 |
| **24** | Site JK5, Joyce Kilmer Wilderness | | 21 | | | 1310 | | | 8 | A | ANC | 20 ueq/L | stream acidification | | 8 |
| **24** | Site JK3, Joyce Kilmer Wilderness | | 21 | | | 1310 | | | 8 | A | ANC | 50 ueq/L | stream acidification | | 8 |
| **24** | Site SR3, Shining Rock Wilderness | | 23 | | | 1435 | | | 8 | A | ANC | 0 ueq/L | stream acidification | | 8 |
| **24** | Site JK5, Joyce Kilmer Wilderness | | 32 | | | 1996 | | | 8 | A | ANC | 0 ueq/L | stream acidification | | 8 |
| **24** | Site JK2, Joyce Kilmer Wilderness | | 36 | | | 2245 | | | 8 | A | ANC | 20 ueq/L | stream acidification | | 8 |
| **24** | Site JK3, Joyce Kilmer Wilderness | | 36 | | | 2245 | | | 8 | A | ANC | 20 ueq/L | stream acidification | | 8 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **24** | Site JK2, Joyce Kilmer Wilderness | | 45 | | | 2807 | | | 8 | A | ANC | 0 ueq/L | stream acidification | | 8 |
| **24** | Site JK3, Joyce Kilmer Wilderness | | 45 | | | 2807 | | | 8 | A | ANC | 0 ueq/L | stream acidification | | 8 |
| **24** | Site JK4, Joyce Kilmer Wilderness | | 53 | | | 3306 | | | 8 | A | ANC | 50 ueq/L | stream acidification | | 8 |
| **24** | Site JK4, Joyce Kilmer Wilderness | | 70 | | | 4366 | | | 8 | A | ANC | 20 ueq/L | stream acidification | | 8 |
| **24** | Site JK4, Joyce Kilmer Wilderness | | 79 | | | 4927 | | | 8 | A | ANC | 0 ueq/L | stream acidification | | 8 |
| **24** | Site JK1, Joyce Kilmer Wilderness | | <0 | | | <0 | | | 8 | A | ANC | 50 ueq/L | stream acidification | | 8 |
| **24** | Site JK5, Joyce Kilmer Wilderness | | <0 | | | <0 | | | 8 | A | ANC | 50 ueq/L | stream acidification | | 8 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **24** | Site SR3, Shining Rock Wilderness | | <0 | | | <0 | | | 8 | A | ANC | 50 ueq/L | stream acidification | | 8 |
| **24** | Site SR5, Shining Rock Wilderness | | <0 | | | <0 | | | 8 | A | ANC | 50 ueq/L | stream acidification | | 8 |
| **132** | Upper Midwest | | 5 | | | 312 | | wet | xi | A | | | lake acidification | | x |
| **132** | Northern Florida | | 10 | | | 624 | | wet | xii | A | | | lake acidification | | xii |
| **132** | Sierra Nevada Mountain Range | | 2-8 | | | 125-499 | | wet | xvi | A | ANC | 0 | increased lake SO4 | prevent 5% of lakes from becoming chronically acidic | xvi |
| **132** | Cascade Mountain Range | | 2-8 | | | 125-499 | | wet | xvi | A | ANC | 0 | increased lake SO4 | prevent 5% of lakes from becoming chronically acidic | xvi |
| **132** | Idaho Batholith | | 5-10 | | | 312-624 | | wet | xvi | A | ANC | 0 | increased lake SO4 | | xvi |
| **132** | Northwest Wyoming | | 5-10 | | | 312-624 | | wet | xvi | A | ANC | 0 | increased lake SO4 | | xvi |
| **132** | Colorado Rockies | | 5-10 | | | 312-624 | | wet | xvi | A | ANC | 0 | increased lake SO4 | | xvi |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **128** | White Dome Lake | | 6.6 | | | 412 | | wet+dry | 36 | A | ANC | 0 ueq/L | chronic lake acidification | | 36 |
| **128** | Saddle Bag Lake | 20.7 | 19.1 | 39.8 | 1478 | 1191 | | wet+dry | 36 | A | ANC | 0 ueq/L | lake acidification | | 36 |
| **128** | Saddle Bag Lake | | 31 | | | 1934 | | wet+dry+cloud | 36 | A | ANC | 0 ueq/L | chronic lake acidification | | 36 |
| **102** | Meadow Run | | 1 | | | 62 | | wet + dry | pg VII-69 | A | ANC | 50 | stream acidification | fish and insect kill; population size and diversity loss | pg VII-69 |
| **102** | Deep Run | | 3 | | | 187 | | wet + dry | pg VII-69 | A | ANC | 50 | stream acidification | fish and insect kill; population size and diversity loss | pg VII-69 |
| **102** | Twomile Run | | 5 | | | 312 | | wet + dry | pg VII-69 | A | ANC | 50 | stream acidification | fish and insect kill; population size and diversity loss | pg VII-69 |
| **102** | Meadow Run | | 6 | | | 374 | | wet + dry | pg VII-69 | A | ANC | 20 | stream acidification | fish and insect kill; population size and diversity loss | pg VII-69 |
| **102** | White Oak Run | | 6 | | | 374 | | wet + dry | pg VII-69 | A | ANC | 20 | stream acidification | fish and insect kill; population size and diversity loss | pg VII-69 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **102** | Paine Run (PAIN) | | 6 | | | 374 | | wet + dry | pg VII-69 | A | ANC | 50 | stream acidification | fish and insect kill; population size and diversity loss | pg VII-69 |
| **102** | North Fork Dry Run | | 7 | | | 437 | | wet + dry | pg VII-69 | A | ANC | 50 | stream acidification | fish and insect kill; population size and diversity loss | pg VII-69 |
| **102** | Meadow Run | | 9 | | | 561 | | wet + dry | pg VII-69 | A | ANC | 0 | stream acidification | fish and insect kill; population size and diversity loss | pg VII-69 |
| **102** | Deep Run | | 9 | | | 561 | | wet + dry | pg VII-69 | A | ANC | 20 | stream acidification | fish and insect kill; population size and diversity loss | pg VII-69 |
| **102** | White Oak Run | | 10 | | | 624 | | wet + dry | pg VII-69 | A | ANC | 0 | stream acidification | fish and insect kill; population size and diversity loss | pg VII-69 |
| **102** | Paine Run (PAIN) | | 11 | | | 686 | | wet + dry | pg VII-69 | A | ANC | 20 | stream acidification | fish and insect kill; population size and diversity loss | pg VII-69 |
| **102** | Twomile Run | | 11 | | | 686 | | wet + dry | pg VII-69 | A | ANC | 20 | stream acidification | fish and insect kill; population size and diversity loss | pg VII-69 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **102** | Deep Run | | 12 | | | 748 | | wet + dry | pg VII-69 | A | ANC | 0 | stream acidification | fish and insect kill; population size and diversity loss | pg VII-69 |
| **102** | North Fork Dry Run | | 13 | | | 811 | | wet + dry | pg VII-69 | A | ANC | 20 | stream acidification | fish and insect kill; population size and diversity loss | pg VII-69 |
| **102** | Paine Run (PAIN) | | 14 | | | 873 | | wet + dry | pg VII-69 | A | ANC | 0 | stream acidification | fish and insect kill; population size and diversity loss | pg VII-69 |
| **102** | Twomile Run | | 15 | | | 936 | | wet + dry | pg VII-69 | A | ANC | 0 | stream acidification | fish and insect kill; population size and diversity loss | pg VII-69 |
| **102** | North Fork Dry Run | | 17 | | | 1060 | | wet + dry | pg VII-69 | A | ANC | 0 | stream acidification | fish and insect kill; population size and diversity loss | pg VII-69 |
| **102** | Brokenback Run | | 18 | | | 1123 | | wet + dry | pg VII-69 | A | ANC | 50 | stream acidification | fish and insect kill; population size and diversity loss | pg VII-69 |
| **102** | Hazel River | | 20 | | | 1247 | | wet + dry | pg VII-69 | A | ANC | 50 | stream acidification | fish and insect kill; population size and diversity loss | pg VII-69 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **102** | Brokenback Run | | 25 | | | 1559 | | wet + dry | pg VII-69 | A | ANC | 20 | stream acidification | fish and insect kill; population size and diversity loss | pg VII-69 |
| **102** | Hazel River | | 26 | | | 1622 | | wet + dry | pg VII-69 | A | ANC | 20 | stream acidification | fish and insect kill; population size and diversity loss | pg VII-69 |
| **102** | Brokenback Run | | 29 | | | 1809 | | wet + dry | pg VII-69 | A | ANC | 0 | stream acidification | fish and insect kill; population size and diversity loss | pg VII-69 |
| **102** | Hazel River | | 29 | | | 1809 | | wet + dry | pg VII-69 | A | ANC | 0 | stream acidification | fish and insect kill; population size and diversity loss | pg VII-69 |
| **102** | Staunton River (STAN) | | 30 | | | 1871 | | wet + dry | pg VII-69 | A | ANC | 50 | stream acidification | fish and insect kill; population size and diversity loss | pg VII-69 |
| **102** | Staunton River (STAN) | | 40 | | | 2495 | | wet + dry | pg VII-69 | A | ANC | 20 | stream acidification | fish and insect kill; population size and diversity loss | pg VII-69 |
| **102** | Staunton River (STAN) | | 45 | | | 2807 | | wet + dry | pg VII-69 | A | ANC | 0 | stream acidification | fish and insect kill; population size and diversity loss | pg VII-69 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **102** | Rose River | | 60 | | | 3742 | | wet + dry | pg VII-69 | A | ANC | 50 | stream acidification | fish and insect kill; population size and diversity loss | pg VII-69 |
| **102** | Jeremys Run | | 62 | | | 3867 | | wet + dry | pg VII-69 | A | ANC | 50 | stream acidification | fish and insect kill; population size and diversity loss | pg VII-69 |
| **102** | Jeremys Run | | 64 | | | 3992 | | wet + dry | pg VII-69 | A | ANC | 20 | stream acidification | fish and insect kill; population size and diversity loss | pg VII-69 |
| **102** | Jeremys Run | | 65 | | | 4054 | | wet + dry | pg VII-69 | A | ANC | 0 | stream acidification | fish and insect kill; population size and diversity loss | pg VII-69 |
| **102** | Piney River (PINE) | | 67 | | | 4179 | | wet + dry | pg VII-69 | A | ANC | 50 | stream acidification | fish and insect kill; population size and diversity loss | pg VII-69 |
| **102** | Rose River | | 69 | | | 4304 | | wet + dry | pg VII-69 | A | ANC | 20 | stream acidification | fish and insect kill; population size and diversity loss | pg VII-69 |
| **102** | Whiteoak Canyon (Robinson River) | | 69 | | | 4304 | | wet + dry | pg VII-69 | A | ANC | 50 | stream acidification | fish and insect kill; population size and diversity loss | pg VII-69 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **102** | Piney River (PINE) | | 70 | | | 4366 | | wet + dry | pg VII-69 | A | ANC | 20 | stream acidification | fish and insect kill; population size and diversity loss | pg VII-69 |
| **102** | Piney River (PINE) | | 72 | | | 4491 | | wet + dry | pg VII-69 | A | ANC | 0 | stream acidification | fish and insect kill; population size and diversity loss | pg VII-69 |
| **102** | Rose River | | 73 | | | 4553 | | wet + dry | pg VII-69 | A | ANC | 0 | stream acidification | fish and insect kill; population size and diversity loss | pg VII-69 |
| **102** | Whiteoak Canyon (Robinson River) | | 76 | | | 4740 | | wet + dry | pg VII-69 | A | ANC | 20 | stream acidification | fish and insect kill; population size and diversity loss | pg VII-69 |
| **102** | Whiteoak Canyon (Robinson River) | | 78 | | | 4865 | | wet + dry | pg VII-69 | A | ANC | 0 | stream acidification | fish and insect kill; population size and diversity loss | pg VII-69 |
| **102** | North Fork Thornton River | | 119 | | | 7422 | | wet + dry | pg VII-69 | A | ANC | 50 | stream acidification | fish and insect kill; population size and diversity loss | pg VII-69 |
| **102** | North Fork Thornton River | | 122 | | | 7610 | | wet + dry | pg VII-69 | A | ANC | 20 | stream acidification | fish and insect kill; population size and diversity loss | pg VII-69 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **102** | North Fork Thornton River | | 124 | | | 7734 | | wet + dry | pg VII-69 | A | ANC | 0 | stream acidification | fish and insect kill; population size and diversity loss | pg VII-69 |
| **102** | White Oak Run | | <0 | | | <0 | | wet + dry | pg VII-69 | A | ANC | 50 | stream acidification | fish and insect kill; population size and diversity loss | pg VII-69 |
| **61** | Loch Vale | 5.8 | 2.8 | | 414 | 175 | | wet + dry | 10 | A | ANC | 50 ueq/L | chronic acidification | | 9 |
| **61** | Andrews Creek subwatershed | 7.8 | 4.6 | | 557 | 287 | | wet + dry | 10 | A | ANC | 20 ueq/L | chronic acidification | | 9 |
| **61** | Loch Vale | 14.7 | 7.8 | | 1049 | 487 | | wet + dry | 10 | A | ANC | 20 ueq/L | chronic acidification | | 9 |
| **61** | Andrews Creek subwatershed | 12.2 | 8.1 | | 871 | 505 | | wet + dry | 10 | A | ANC | 0 ueq/L | chronic acidification | | 9 |
| **61** | Loch Vale | 20.6 | 11.1 | | 1471 | 692 | | wet + dry | 10 | A | ANC | 0 ueq/L | chronic acidification | | 9 |
| **61** | Andrews Creek subwatershed | <0 | <0 | | <0 | <0 | | wet + dry | 10 | A | ANC | 50 ueq/L | chronic acidification | | 9 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **73** | Adirondack lakes | 8-12 | 9-12 | | 571-857 | 561-748 | | wet + dry | 317 | A | ANC | <0 | potential N saturation; autumn lake NO3 concentration | acidic surface water; fish | 332 |
| **74** | Sequoia/Kings Canyon National. Parks: Onion Valley | 1.1 | 0.5 | | 77 | 29 | | wet | II-43 | A & T | ANC | | water acidification | vegetation damage, amphibian decline | I-22 |
| **74** | Sequoia/Kings Canyon National. Parks: Mineral King | 1.7 | 0.6 | | 118 | 35 | | wet | II-43 | A & T | ANC | | water acidification | vegetation damage, amphibian decline | I-22 |
| **74** | Yosemite National. Park: Yosemite CADMP | 1.6 | 0.6 | | 117 | 37 | | wet | II-43 | A & T | ANC | | water acidification | vegetation damage, amphibian decline | I-22 |
| **74** | Sequoia/Kings Canyon National. Parks: Sequoia Ash Mt. | 2.7 | 0.6 | | 194 | 38 | | wet | II-43 | A & T | ANC | | water acidification | vegetation damage, amphibian decline | I-22 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **74** | Sequoia/Kings Canyon National. Parks: Sequoia GF CADMP | 2.4 | 0.7 | | 173 | 42 | | wet | II-43 | A & T | ANC | | water acidification | vegetation damage, amphibian decline | I-22 |
| **74** | Yosemite National. Park: Tioga Pass | 1.5 | 0.7 | | 108 | 44 | | wet | II-43 | A & T | ANC | | water acidification | vegetation damage, amphibian decline | I-22 |
| **74** | Sequoia/Kings Canyon National. Parks: Emerald Lake | 1.7 | 0.8 | | 121 | 47 | | wet | II-43 | A & T | ANC | | water acidification | vegetation damage, amphibian decline | I-22 |
| **74** | Yosemite National. Park: Yosemite/NADP | 1.9 | 0.8 | | 136 | 47 | | wet | II-43 | A & T | ANC | | water acidification | vegetation damage, amphibian decline | I-22 |
| **74** | Sequoia/Kings Canyon National. Parks: SEQ-GF/NADP | 3 | 0.8 | | 215 | 52 | | wet | II-43 | A & T | ANC | | water acidification | vegetation damage, amphibian decline | I-22 |
| **74** | Joshua Tree | | | | 442.64530546 | 94 | | total | III-10 | A & T | ANC | | | | |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **74** | Redwood National. Park | 0.8 | 2.6 | | 59 | 160 | | wet | II-43 | A & T | ANC | | water acidification | water acidification, vegetation damage, amphibian decline, etc | I-22 |
| **2** | Maryland State Streams | | | 0.0-<br>>64 | | | 0-<br>4000 | wet | 200 | A | stream pH | (brook trout pH< 5.75, blue black herring pH< 6.2, s-mouth bass pH< 5.8) | | fish species health | 196 |
| **26** | Joyce Kilmer/Slic krock | <13 | <15 | | <928 | <936 | | wet | 2 | A & T | ANC | 25 ueq/L spring; 0 ueq/L episodic | soil, vegetation, and aquatic air quality related values. | soil chemistry and aquatic biota | 3-4 |
| **26** | Linville Gorge | <13 | <15 | | <928 | <936 | | wet | 2 | A & T | ANC | 25 ueq/L spring; 0 ueq/L episodic | soil, vegetation, and aquatic air quality related values. | soil chemistry and aquatic biota | 3-4 |
| **26** | Shining Rock | <13 | <15 | | <928 | <936 | | wet | 2 | A & T | ANC | 25 ueq/L spring; 0 ueq/L episodic | soil, vegetation, and aquatic air quality related values. | soil chemistry and aquatic biota | 3-4 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **47** | James River Face Wilderness, Natural Bridge | <13 | <15 | | <928 | <936 | | wet+dry+cloud | 2 | A & T | ANC | 25 ueq/L | impact to air quality related values | air quality related values | 2 |
| **17** | Haystack | | | | | | -37 | wet+dry+cloud | 7 | A | CaCO3 (ANC) | 2.5 mg/l | | aquatic biota (macro invertebrate monitoring will be used) | 6 |
| **17** | Lake of the Clouds | | | | | | -2 | wet+dry+cloud | 7 | A | CaCO3 (ANC) | 2.5 mg/l | | aquatic biota (macro invertebrate monitoring will be used) | 6 |
| **17** | North | | | | | | 25 | wet+dry+cloud | 7 | A | CaCO3 (ANC) | 2.5 mg/l | | aquatic biota (macro invertebrate monitoring will be used) | 6 |
| **17** | Moses | | | | | | 113 | wet+dry+cloud | 7 | A | CaCO3 (ANC) | 2.5 mg/l | | aquatic biota (macro invertebrate monitoring will be used) | 6 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **17** | Branch | | | | | | 123 | wet+dry+cloud | 7 | A | CaCO3 (ANC) | 2.5 mg/l | | aquatic biota (macro invertebrate monitoring will be used) | 6 |
| **17** | Bourn | | | | | | 184 | wet+dry+cloud | 7 | A | CaCO3 (ANC) | 2.5 mg/l | | aquatic biota (macro invertebrate monitoring will be used) | 6 |
| **17** | Little | | | | | | 189 | wet+dry+cloud | 7 | A | CaCO3 (ANC) | 2.5 mg/l | | aquatic biota (macro invertebrate monitoring will be used) | 6 |
| **17** | Lye Brook Pond (N) | | | | | | 199 | wet+dry+cloud | 7 | A | CaCO3 (ANC) | 2.5 mg/l | | aquatic biota (macro invertebrate monitoring will be used) | 6 |
| **17** | Lye Brook Pond (S) | | | | | | 199 | wet+dry+cloud | 7 | A | CaCO3 (ANC) | 2.5 mg/l | | aquatic biota (macro invertebrate monitoring will be used) | 6 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **17** | Duck | | | | | | 207 | wet+dry+cloud | 7 | A | CaCO3 (ANC) | 2.5 mg/l | | aquatic biota (macro invertebrate monitoring will be used) | 6 |
| **17** | Forester | | | | | | 245 | wet+dry+cloud | 7 | A | CaCO3 (ANC) | 2.5 mg/l | | aquatic biota (macro invertebrate monitoring will be used) | 6 |
| **17** | Big Mud | | | | | | 247 | wet+dry+cloud | 7 | A | CaCO3 (ANC) | 2.5 mg/l | | aquatic biota (macro invertebrate monitoring will be used) | 6 |
| **17** | Kings Hill | | | | | | 262 | wet+dry+cloud | 7 | A | CaCO3 (ANC) | 2.5 mg/l | | aquatic biota (macro invertebrate monitoring will be used) | 6 |
| **17** | Sunset | | | | | | 263 | wet+dry+cloud | 7 | A | CaCO3 (ANC) | 2.5 mg/l | | aquatic biota (macro invertebrate monitoring will be used) | 6 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **17** | Turtle | | | | | | 266 | wet+dry+cloud | 7 | A | CaCO3 (ANC) | 2.5 mg/l | | aquatic biota (macro invertebrate monitoring will be used) | 6 |
| **17** | Little Mud | | | | | | 327 | wet+dry+cloud | 7 | A | CaCO3 (ANC) | 2.5 mg/l | | aquatic biota (macro invertebrate monitoring will be used) | 6 |
| **17** | Somerset | | | | | | 374 | wet+dry+cloud | 7 | A | CaCO3 (ANC) | 2.5 mg/l | | aquatic biota (macro invertebrate monitoring will be used) | 6 |
| **17** | Adams Reservoir | | | | | | 380 | wet+dry+cloud | 7 | A | CaCO3 (ANC) | 2.5 mg/l | | aquatic biota (macro invertebrate monitoring will be used) | 6 |
| **17** | Halfway | | | | | | 383 | wet+dry+cloud | 7 | A | CaCO3 (ANC) | 2.5 mg/l | | aquatic biota (macro invertebrate monitoring will be used) | 6 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **17** | Stratton | | | | | | 385 | wet+dry+cloud | 7 | A | CaCO3 (ANC) | 2.5 mg/l | | aquatic biota (macro invertebrate monitoring will be used) | 6 |
| **17** | Griffith | | | | | | 391 | wet+dry+cloud | 7 | A | CaCO3 (ANC) | 2.5 mg/l | | aquatic biota (macro invertebrate monitoring will be used) | 6 |
| **17** | Stamford | | | | | | 391 | wet+dry+cloud | 7 | A | CaCO3 (ANC) | 2.5 mg/l | | aquatic biota (macro invertebrate monitoring will be used) | 6 |
| **17** | Howe | | | | | | 415 | wet+dry+cloud | 7 | A | CaCO3 (ANC) | 2.5 mg/l | | aquatic biota (macro invertebrate monitoring will be used) | 6 |
| **17** | Grout | | | | | | 430 | wet+dry+cloud | 7 | A | CaCO3 (ANC) | 2.5 mg/l | | aquatic biota (macro invertebrate monitoring will be used) | 6 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **17** | Hardwood | | | | | | 494 | wet+dry+cloud | 7 | A | CaCO3 (ANC) | 2.5 mg/l | | aquatic biota (macro invertebrate monitoring will be used) | 6 |
| **17** | Unknown | | | | | | 495 | wet+dry+cloud | 7 | A | CaCO3 (ANC) | 2.5 mg/l | | aquatic biota (macro invertebrate monitoring will be used) | 6 |
| **17** | South | | | | | | 499 | wet+dry+cloud | 7 | A | CaCO3 (ANC) | 2.5 mg/l | | aquatic biota (macro invertebrate monitoring will be used) | 6 |
| **17** | Gilmore | | | | | | 512 | wet+dry+cloud | 7 | A | CaCO3 (ANC) | 2.5 mg/l | | aquatic biota (macro invertebrate monitoring will be used) | 6 |
| **17** | Long Hole | | | | | | 567 | wet+dry+cloud | 7 | A | CaCO3 (ANC) | 2.5 mg/l | | aquatic biota (macro invertebrate monitoring will be used) | 6 |

| Pub ID | Site Name | CL N kg/ha/yr | CL S kg/ha/yr | CL S and N kg/ha/yr | CL N eq/ha/yr | CL S eq/ha/yr | CL S and N eq/ha/yr | CL dep type | CL pg (pg on which CL appears) | Terr. or Aqua. | Chemical Criteria | Critical Value | Additional Qualitative Effects | Response Parameter | Criteria Pg (pg on which criteria appear) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **17** | Round | | | | | | >502 | wet+dry+cloud | 7 | A | CaCO3 (ANC) | 2.5 mg/l | | aquatic biota (macro invertebrate monitoring will be used) | 6 |
| **14** | Colorado front range, intense sampling in Green Lakes Valley | 4 | | | 286 | | | wet | 16/1662 | A | ANC | <0 | N saturation | soil and water quality | 16/1662 |
| **78** | Niwot Ridge | 3 | | | 214 | | | wet | 9 | T | | | Stage 2 N saturation; episodic acidification of surface water | adverse environmental change | 9 |