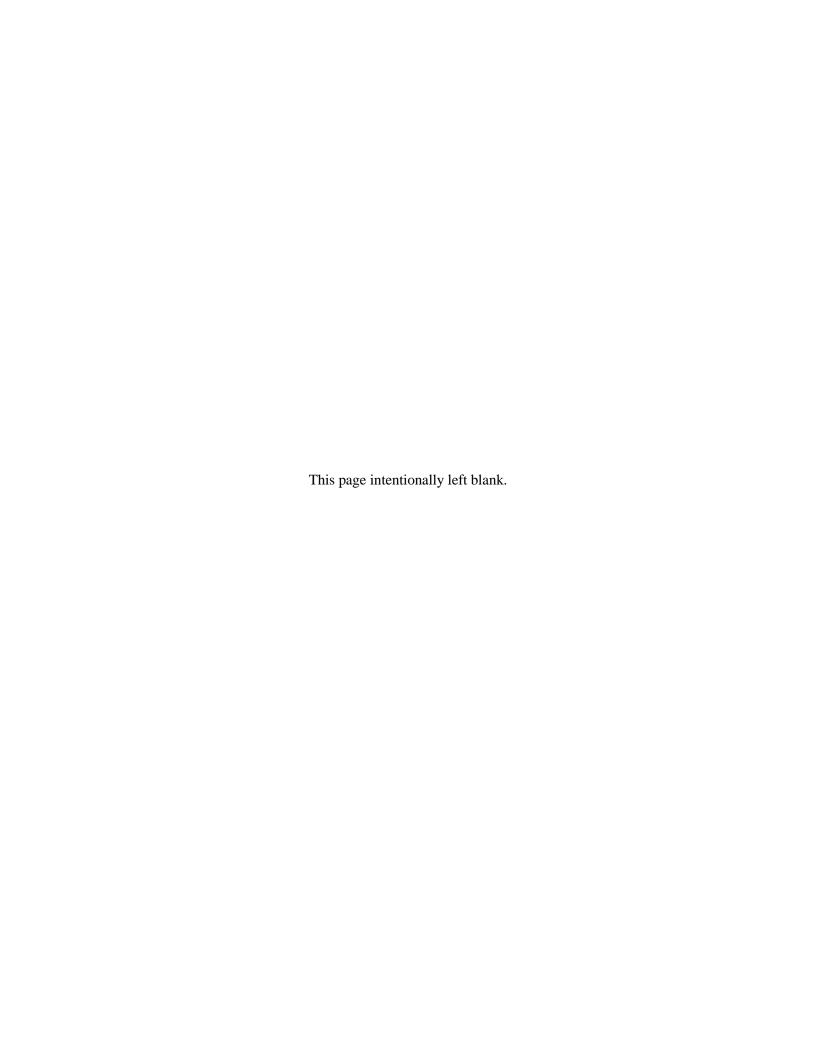
Appendix N

**Subject Index** 



## **APPENDIX N Subject Index**

abandoned mine drainage (AMD), x, 4-13, 4-53, 4-55, 4-56, 4-59, 4-60 Advisory Council on Historic Preservation (ACHP), x, 1-14, 4-203, 4-229, 5-30 Agricultural Impact Minimization Plan, iv, 11, 18, 2-6, 2-14, 4-147, 5-11 Alexauken Creek Historic District, 14, 4-224, 5-14 Appalachian National Scenic Trail, x, 11, 2-11, 2-13, 3-13, 3-25, 3-27, 4-164, 4-167, 4-176, 4-209, 4-330, 5-12 Appalachian Trail Conservancy, x, 11, 4-164, 4-212 Arsenic, 1-18, 4-12, 4-13, 4-14, 4-36, 4-256 Atlantic sturgeon, 9, 10, 4-50, 4-71, 4-108, 4-110, 4-120, 4-121, 4-122, 5-9 Atlantic Sunrise Project, 17, 3-6, 3-7, 3-8, 3-15, 4-323, 4-330, 5-19 Bald and Golden Eagle Protection Act, x, 9, 1-14, 4-102 bald eagle, 9, 4-102, 4-106, 4-108, 4-125, 5-Baldpate Mountain, 9, 3-6, 3-15, 3-21, 4-99, 4-103, 4-131, 4-172, 5-8 Bear Creek Preserve, 9, 4-87, 4-88, 4-97, 5-Beltzville State Park, 15, 4-163, 4-166, 4-286, 4-292, 4-293, 5-15 Biological Assessment (BA), x, 1-13, 4-99, 4-107, 4-115, 4-123, 4-124 Biological Opinion (BO), x, 4-107, 4-112, 4-115 Blasting Plan, 5, 6, 15, 18, 2-6, 2-15, 4-17, 4-43, 4-68, 4-73, 4-228, 4-293, 5-1, 5-4, 5-16, 5-30 blasting, 6, 12, 13, 15, 1-17, 1-18, 2-10, 2-15, 3-9, 4-3, 4-5, 4-15, 4-16, 4-17, 4-29, 4-30, 4-43, 4-53, 4-65, 4-66, 4-68, 4-72, 4-106, 4-113, 4-173, 4-175, 4-293, 4-328, 4-332, 5-1, 5-3, 5-4, 5-5, 5-12, 5-14, 5-16, 5-18, 5-24, 5-25, 5-29

Blue Mountain Ski Area, 4-161, 4-174

bog turtle, 9, 10, 3-27, 4-109, 4-115, 4-116, 4-117, 4-118, 4-120, 4-124, 5-9, 5-27 Calvary Baptist Church, 4-161, 4-174 cathodic protection, 2-17, 4-250, 4-307 climate change, 1-17, 1-21, 4-234, 4-332, 4-333, 4-334, 4-335 coldwater fisheries (CWF), x, 4-40, 4-46, 4-47, 4-68, 4-73, 4-74, 5-6, 5-26 Compensatory Wetland Mitigation Plan, 2-6, 4-84 Council on Environmental Quality (CEQ), x, 1-5, 1-17, 1-20, 1-21, 3-1, 4-198, 4-201, 4-312, 4-334 Delaware Canal State Park, 4-166 Delaware River Basin Commission (4-62), x, 1-12, 1-18, 2-10, 4-62 Dust Control Plan, xi, 18, 2-6 dwarf wedgemussel, 9, 10, 4-50, 4-118, 4-119, 4-121, 4-124, 5-9, 5-27 earthquakes, 4, 4-6, 4-7, 4-31, 4-309, 5-2 easements, 1-17, 2-4, 3-9, 3-12, 3-15, 3-24, 3-25, 3-27, 3-29, 3-30, 3-37, 4-140, 4-147, 4-148, 4-149, 4-162, 4-164, 4-168, 4-169, 4-170, 4-173, 4-174, 4-176, 4-194 eastern small-footed bat, 4-129, 4-139, 5-28 eminent domain, 1-4, 4-149, 4-168, 5-20 Endangered Species Act of 1973 (ESA), xi, 9, 10, 18, 1-7, 1-13, 1-14, 4-107, 4-108, 4-111, 4-113, 4-114, 4-115, 4-118, 4-119, 4-120, 4-122, 4-123, 4-124, 4-138, 5-9 Environmental Inspector, 4-83 environmental justice, 4-197, 5-14 Erosion and Sediment Control Plan (E&SCP), x, 4, 5, 7, 8, 10, 11, 12, 18, 2-5, 2-6, 2-9, 2-10, 2-13, 2-16, 2-17, 4-9, 4-27, 4-29, 4-43, 4-44, 4-57, 4-58, 4-66, 4-67, 4-72, 4-74, 4-81, 4-82, 4-83, 4-84, 4-85, 4-89, 4-123, 4-145, 4-147, 4-148, 4-161, 4-328, 4-329, 5-2, 5-3, 5-5, 5-6, 5-8, 5-10, 5-11, 5-12, 5-13, 5-25 essential fish habitat, 1-14 Everittstown Grassland, 9, 4-99, 4-104, 5-8

Farm and Ranch Land Protection Program, 12, 4-174, 5-12 Federal Emergency Management Agency, xi, 4, 4-9, 4-58, 5-2 Floodplains, 4-68 Frances Slocum State Park, 4-165 Francis E. Walter Dam, 4-162, 4-163 Fugitive Dust Control Plan, 4-161 fugitive dust, 14, 4-161, 4-202, 4-242, 4-243, 4-244, 4-332, 5-15 General Conformity, viii, 4-239, 4-240, 5-31 Geohazard Risk Evaluation Report, 4, 4-9, 4-11, 5-1, 5-2, 5-24 Gravel Hill, 3-25, 3-29, 4-93, 4-170 Green Acres, 1-10, 3-30, 3-31, 4-26, 4-42, 4-89, 4-168, 4-169, 4-255 greenhouse gases (GHG), ix, xi, 14, 4-234, 4-235, 4-236, 4-238, 4-244, 4-246, 4-247, 4-248, 4-249, 4-250, 4-254, 4-257, 4-332, 4-333, 4-334, 5-15 groundwater contamination, 6, 4-40 groundwater, 4, 5, 6, 1-17, 2-13, 4-12, 4-13, 4-14, 4-15, 4-16, 4-21, 4-31, 4-35, 4-36, 4-38, 4-39, 4-40, 4-42, 4-43, 4-44, 4-50, 4-67, 4-76, 4-115, 4-124, 4-192, 4-255, 4-256, 4-328, 5-2, 5-3, 5-4, 5-5, 5-24, 5-25, 5-28 hazardous air pollutants, 14 hazardous waste, 12, 4-13, 4-15, 4-26, 4-27, 4-42, 5-13 HDD Drilling Plan for Karst Terrain, 5, 18, 2-6, 4-17, 5-3 **HDD Inadvertent Returns and Contingency** Plan, 6, 18, 2-6, 4-14, 4-62, 4-66, 5-5 Hickory Run Recreation Demonstration Area, 14, 4-219, 4-220, 5-14, 5-29 Hickory Run State Park, 9, 15, 4-99, 4-103, 4-128, 4-165, 4-166, 4-176, 4-263, 4-286, 4-292, 4-296, 5-8, 5-15 High-consequence area (HCA), xi, 4-303, 5-17 horizontal directional drill (HDD), v, vi, viii, xi, 4, 5, 6, 7, 8, 10, 15, 18, 2-6, 2-10, 2-11, 2-12, 2-13, 2-14, 3-15, 3-27, 3-28, 3-31, 4-9, 4-10, 4-13, 4-14, 4-17, 4-39, 4-46, 4-49, 4-53, 4-54, 4-55, 4-56, 4-57, 4-59, 4-60, 4-61, 4-62, 4-65, 4-66, 4-67, 4-72, 4-81, 4-82, 4-

110, 4-117, 4-118, 4-120, 4-121, 4-130, 4-132, 4-133, 4-138, 4-147, 4-156, 4-158, 4-159, 4-163, 4-164, 4-166, 4-176, 4-186, 4-192, 4-202, 4-209, 4-210, 4-214, 4-215, 4-259, 4-262, 4-263, 4-266, 4-268, 4-269, 4-270, 4-271, 4-272, 4-273, 4-274, 4-275, 4-276, 4-277, 4-278, 4-279, 4-280, 4-281, 4-282, 4-283, 4-284, 4-286, 4-287, 4-291, 4-293, 4-332, 5-2, 5-3, 5-5, 5-6, 5-9, 5-15, 5-24, 5-27, 5-31 hydrostatic testing, 6, 1-6, 4-73, 4-83 Important Bird Area (IBA), xi, 3-6, 3-15, 3-21, 4-99, 4-103, 4-104, 4-105, 5-8 Indiana bat, 9, 4-111, 4-113, 4-114, 5-9 Intergovernmental Panel on Climate Change (IPCC), xi, 4-332, 4-333 interior forest, 8, 4-90, 4-91, 4-99, 4-101, 4-Invasive Plant Species Management Plan, 9 invasive species, 4-92, 4-172, 5-7 Karst Mitigation Plan, 4, 5, 18, 2-6, 4-3, 4-10, 4-11, 4-17, 4-43, 5-2, 5-3, 5-4, 5-24 karst, 4, 5, 4-6, 4-9, 4-10, 4-11, 4-38, 4-43, 5-2, 5-4, 5-24, 5-25 Kittatinny Ridge, 9, 4-99, 4-103, 5-8 Landslides, 4-7 Migratory Bird Conservation Plan, 9, 18, 4-104, 4-105, 4-133, 4-134, 4-135, 4-136, 4-137, 4-138, 5-9, 5-26 Migratory Bird Treaty Act, 9, 1-7, 1-14 migratory birds, 1-14, 4-102, 4-104, 4-105, 4-133, 4-134, 4-135, 4-136, 4-137, 4-138, 4minority population, 4-198, 4-201, 5-14 Musconetcong Gorge, 9, 3-6, 3-15, 3-16, 4-99, 4-103, 5-8 National Ambient Air Quality Standards (NAAQS), viii, xii, 4-231, 4-232, 4-233, 4-234, 4-251, 4-252, 4-253, 4-254, 4-332 National Emission Standards for Hazardous Air Pollutants, xii, 4-234, 4-237, 4-241 National Historic Preservation Act (NHPA), iii, xii, 14,18, 1-7, 1-10, 1-14, 4-203, 4-211, 4-228, 5-14 National Marine Fisheries Service (NMFS), xii, xiii, 9, 1-8, 1-13, 1-14, 4-60, 4-69, 4-71,

4-107, 4-108, 4-120, 4-121, 4-122, 4-123, 4-124, 5-9 National Oceanic and Atmospheric Administration (NOAA), xii, 1-13, 4-71, 4-121, 4-231, 4-310 National Park Service (NPS), xii, 1-8, 3-27, 4-46, 4-60, 4-164, 4-176, 4-203, 4-209, 4-210, 4-219, 4-225, 5-12, 5-14 National Pollutant Discharge Elimination System, xii, 1-6, 4-26, 4-42 National Register of Historic Places (NRHP), viii, xii, 1-14, 4-203, 4-205, 4-207, 4-208, 4-209, 4-210, 4-211, 4-213, 4-214, 4-215, 4-216, 4-219, 4-220, 4-221, 4-222, 4-224, 4-225, 4-226, 5-14 National Rivers Inventory (NRI), xii, 4-45, 4-46, 4-60 National Wetlands Inventory (NWI), xii, 3-2, 4-76, 4-110, 4-120 Natural Resources Conservation Service (NRCS), 1, xii, 1, 1-1, 1-5, 1-7, 1-8, 4-16, 4-19, 4-21, 4-22, 4-44, 4-76, 4-116, 4-174 New Jersey Conservation Foundation, 4-168, 4-173 New Jersey Department of Environmental Protection (NJDEP), xii, 1-10, 1-11, 1-13, 2-10, 2-13, 4-2, 4-3, 4-11, 4-12, 4-15, 4-16, 4-26, 4-29, 4-32, 4-33, 4-34, 4-35, 4-36, 4-39, 4-40, 4-42, 4-44, 4-46, 4-47, 4-49, 4-50, 4-52, 4-53, 4-56, 4-69, 4-70, 4-76, 4-77, 4-79, 4-80, 4-81, 4-85, 4-87, 4-91, 4-94, 4-98, 4-102, 4-109, 4-111, 4-112, 4-119, 4-124, 4-125, 4-128, 4-130, 4-131, 4-132, 4-133, 4-134, 4-135, 4-136, 4-139, 4-168, 4-169, 4-170, 4-171, 4-174, 4-231, 4-242, 4-245, 5-8, 5-24, 5-25, 5-27, 5-28 New Jersey Highlands, 4-170, 4-171 New Jersey Natural Lands Trust, 4-168, 4-New Jersey State Agriculture Development Committee (SADC), xiii, 1-11, 4-147, 4-168, 4-170 New Source Performance Standards, xii, 4-234, 4-236 noise-sensitive area, xii, 15, 4-202, 4-262

No-Net Loss Reforestation Act (NNLRA). 4-91 northeastern bulrush, 9, 10, 4-119, 4-120, 4-124, 5-9, 5-27 northern long-eared bat, 9, 10, 4-111, 4-112, 4-113, 4-114, 4-115, 5-9, 5-26 Notice of Intent (NOI), xii, 1-11, 1-15, 4-203, 4-206, 4-208, 4-209 Occupational Safety and Health Administration (OSHA), xii, 2-5, 4-297, 4-335 Office of Energy Projects (OEP), 1, xii, 4-5, 4-9, 4-10, 4-17, 4-39, 4-41, 4-56, 4-57, 4-94, 4-104, 4-114, 4-117, 4-119, 4-120, 4-124, 4-146, 4-153, 4-164, 4-168, 4-173, 4-228, 4-229, 4-291, 5-20, 5-21, 5-22, 5-23, 5-24, 5-25, 5-26, 5-27, 5-28, 5-29, 5-30, 5-31 organic farms, 4-147, 4-186, 4-187 Pennsylvania Department of Conservation and Natural Resources, 1-9, 4-37 Pennsylvania Department of Environmental Protection, xii, 7, 1-9, 1-13 Pennsylvania Department of Transportation, xiii, 11, 4-159 Pennsylvania Fish and Boat Commission, xiii, 9, 1-9, 2-10, 4-48 Pennsylvania Game Commission, 1-9, 4-69, 4-111, 4-164, 4-176 Pennsylvania Natural Heritage Program, 4-Pipeline and Hazardous Materials Safety Administration, xiii, 1-15, 4-333 Pole Farm, 9, 4-99, 4-104, 5-8 polychlorinated biphenyls, xiii, 4-27 Prevention of Significant Deterioration (PSD), xiii, 14, 4-234, 4-235, 4-241, 4-242, 4-251, 4-252, 4-332, 5-15 property values, 4-178, 4-194 radon, 1-17, 4-16, 4-39, 4-255, 4-256, 5-25 region of influence, 4-321, 5-17 renewable energy, 3-3, 4-258 Residential Access and Traffic Management Plan, 18, 2-6, 2-14, 4-146, 4-152, 4-161, 4-192, 4-193, 4-202, 5-11, 5-28 route alternatives, 3, 17, 3-1, 3-2, 3-8, 3-25, 4-171, 5-13, 5-19

route variations, 3, 17, 1-11, 3-1, 3-24, 3-25, 4-154, 4-158, 4-195, 4-205, 4-208, 5-19 rusty patched bumblebee, 4-122 Sandy Ridge Historic District, 14, 4-224, 5-Secretary of the Commission, xiii, 3-39 Seismicity, 4-6 shortnose sturgeon, 9, 4-50, 4-71, 4-120 Sourland Mountain region, 9, 17, 1-17, 3-6, 3-15, 3-21, 3-23, 3-24, 4-88, 4-98, 4-171, 4-176, 5-8, 5-12, 5-19 Species of Special Concern, 9, 10, 4-133, 4-138, 5-9, 5-10 Spill Prevention, Control, and Countermeasures Plan, 6 State Game Land, 4-164, 4-166, 4-167, 4-298 State Historic Preservation Office, 1-15, 4-Susquehanna River Basin Commission (SRBC), xiv, 1-12 Susquehanna River, xiv, 4, 1-12, 1-13, 3-10, 4-11, 4-50, 4-53, 4-56, 4-58, 4-59, 4-141, 4-204, 4-205, 4-206, 4-209, 4-326, 5-1, 5-24 Thomas F. Breden Preserve, 4-170, 4-174 Transco Leidy Line, 17, 3-4, 3-6, 3-7, 3-12, 3-15, 3-21, 3-24, 4-171, 5-13, 5-18 U.S. Army Corps of Engineers (USACE), 1, xiv, 1, 2, 7, 1-1, 1-5, 1-6, 1-8, 1-12, 1-13, 2-10, 2-17, 4-29, 4-53, 4-60, 4-76, 4-77, 4-84, 4-85, 4-162, 4-163, 4-166, 4-331, 5-6, 5-26 U.S. Department of Agriculture, 1, i, xiv, 1, 1-1, 1-5, 1-7, 4-186, 4-333, 5-1 U.S. Department of Energy, x U.S. Department of the Interior, x, 1-14, 4-102

U.S. Department of Transportation (DOT), x, 16, 2-3, 2-5, 2-8, 3-9, 3-15, 3-25, 3-28, 4-3, 4-93, 4-249, 4-250, 4-301, 4-302, 4-303, 4-304, 4-305, 4-306, 4-307, 4-308, 4-309, 4-310, 4-311, 4-335, 5-6, 5-16, 5-17, 5-18 U.S. Environmental Protection Agency (EPA), 1, xi, 1, 2, 5, 1-1, 1-5, 1-6, 1-7, 1-12, 1-13, 1-16, 1-17, 1-21, 3-21, 3-35, 4-12, 4-13, 4-14, 4-15, 4-16, 4-25, 4-26, 4-35, 4-36, 4-39, 4-41, 4-42, 4-45, 4-56, 4-68, 4-75, 4-144, 4-168, 4-171, 4-198, 4-201, 4-231, 4-232, 4-234, 4-236, 4-237, 4-238, 4-239, 4-241, 4-244, 4-245, 4-247, 4-249, 4-250, 4-251, 4-252, 4-253, 4-254, 4-255, 4-258, 4-312, 4-333, 4-334, 5-4, 5-12, 5-25, 5-31 U.S. Fish and Wildlife Service, xi, 1-1, 1-8 U.S. Geological Survey (USGS), xiv, 2-1, 3-2, 4-6, 4-7, 4-9, 4-15, 4-31, 4-32, 4-33, 4-44, 4-47, 4-50, 4-161, 4-322, 5-2 U.S. Global Change Research Program, xiv, 4-332, 4-333 Unanticipated Discovery Plan, 18, 1-11, 2-6, 4-203, 4-204, 4-205, 4-206, 4-208, 4-216, 4-227 Vernal pool, 7, 3-31, 4-78, 4-79, 4-85, 5-7 visual resources, 3, 12, 13, 1-5, 4-161, 4-175, 4-176, 4-177, 4-321, 4-327, 4-330, 5-13 volatile organic compounds, 4-247, 4-249, 4-250 Water Quality Certification, 1-9 Weiser State Forest, 4-165, 4-167 Well Monitoring Plan, iv, 4, 6, 18, 2-6, 4-16, 4-38, 4-39, 4-40, 4-43, 5-2, 5-4, 5-25 wellhead protection area, xiv, 5, 3-25, 4-36, 4-37, 5-4

Wetland Restoration Plan, 7, 18, 4-85, 5-26