

MINING REGULATIONS IN WASHINGTON

by David K. Norman

WASHINGTON
DIVISION OF GEOLOGY
AND EARTH RESOURCES

Open File Report 2000-3
September 2000



WASHINGTON STATE DEPARTMENT OF
Natural Resources
Jennifer M. Belcher - Commissioner of Public Lands

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Mining Regulations in Washington

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The Washington Department of Natural Resources (DNR) administers the Surface Mining Act, a reclamation law that requires a permit for each mine that meets the definition of a surface mine: a mine that (1) results in more than 3 acres of disturbed ground, or (2) has a highwall that is both higher than 30 feet and steeper than 45 degrees (Chapter 78.44, Revised Code of Washington [RCW]; Chapter 332-18, Washington Administrative Code [WAC]).

The Surface Mining Act was amended in 1993 to ensure that every mine in the state meeting the definition of a surface mine is thoroughly reclaimed. The DNR is responsible for seeing that reclamation follows completion of surface mining. The DNR has exclusive authority to regulate mine reclamation and approve reclamation plans. Metal mines and mills that meet the criteria defined in Chapter 78.56 RCW are regulated pursuant to the Metals Mining and Milling Act.

Some sites meeting the surface mining threshold are exempt. For example, rural mines used to provide material for on-site construction or for constructing forest roads that are on-site or contiguous are generally exempt from the DNR reclamation permit requirement.

Mine operations are regulated by local governments or state and federal agencies exclusive of the DNR. Operations are all mine-related activities, exclusive of reclamation.

Operations specifically include (RCW 78.44.031[8]):

- The mining or extraction of rock, stone, gravel, sand, earth, and other minerals;
- Blasting, equipment maintenance, sorting, crushing, and loading;
- On-site mineral processing, including asphalt or concrete batching, concrete recycling, and other aggregate recycling;
- Transporting minerals to and from the mine, on-site road maintenance, road maintenance for roads used extensively for surface mining activities, traffic safety, and traffic control;
- Activities that affect noise generation, air quality, glare, pollution, traffic safety, ground vibrations, and surface- and ground-water quality, quantity, and flow.

Local governments must approve mine siting and/or the subsequent use of the mine site (RCW 78.44.091) prior to DNR's approval of a reclamation permit. Where local government permits are required for a mining proposal, the State Environmental Policy Act (SEPA) rules normally identify the local government as lead agency for SEPA review.

A high-quality reclamation plan is required for each mine, and periodic review and modification are necessary. This plan specifies the permit holder's methods for achieving reclamation goals, including the following:

- segmental reclamation;

- preservation of topsoil;
- slope restoration such that highwalls are rounded in plan and section;
- stable slopes;
- final topography that generally comprises sinuous contours, chutes and buttresses, spurs, and rolling mounds and hills, all of which blend with adjacent topography to a reasonable extent;
- effective revegetation with multi-species ground cover and trees.

Contact the appropriate DNR regional office for further information regarding these laws and rules. (See Figure 1 for DNR region boundaries.)

The following pages list mining-related laws, regulations, and ordinances administered by other local, state, and federal agencies. This list does not identify every permit that may be required to operate a surface mine; however, agencies that are normally involved in mine regulation and most of the required permits are listed. The appendices provide agency addresses and phone numbers. Table 1 is a summary list of regulatory agencies and the laws that they enforce.

Mine regulatory jurisdictions and responsibilities are subject to change. During each legislative session, new statutes and laws are developed and included in the RCW, and old laws are altered or repealed by the legislature. Agencies may update their rules and regulations, included in the WAC, at any time. Courts rule on the meaning of various regulations and statutes. Therefore, the reader may wish to contact the appropriate agency to determine the status of each applicable mining regulation.

The Washington Department of Ecology publishes the "State Environmental Policy Act Handbook" (Publication 98-114) and "Permit Handbook: Commonly Required Environmental Permits for Washington State" (Publication 90-029, revised October 1998). The permit handbook lists those permits referenced here, as well as many other permits. Another helpful Ecology publication is "Getting Help—A Guide to Technical Assistance from Ecology" (Publication 92-106).

For copies of specific laws, contact the appropriate agency listed with the various activities described in the following pages. The web page for Washington that may be of use in finding agency web page addresses is <http://access.wa.gov/>. Current RCWs and WACs are available on the internet at <http://slc.leg.wa.gov/>. Other sources of legal information and complete collections of state and federal laws are available at the Washington State Library and at the Gonzaga University, University of Washington, and Seattle University Schools of Law. State and county laws are generally available at the local county law libraries, which are in county courthouses.

We encourage users of this open-file report to make and distribute copies.

ENVIRONMENTAL REVIEW

State Environmental Policy Act (SEPA)

The State Environmental Policy Act (SEPA) is intended to ensure that environmental values are considered by state and local government officials making decisions.

The SEPA process normally begins when an application is submitted to an agency. The first step in the SEPA process is to determine whether the proposal involves an "action" on the part of an agency. If an action is necessary, then a lead agency is chosen on the basis of SEPA rules; the lead agency then has primary responsibility for complying with the SEPA's procedural requirements.

For private projects requiring permits or approvals from more than one agency, when one of the agencies is a city, county, or special district, the lead agency is usually the city, county, or special district.

For private projects requiring permits, licenses, or approvals from state agencies but not from a city, county, or special district, the lead agency is the state agency requiring a license, based on the following order of priority:

- Department of Ecology
- Department of Social and Health Services
- Department of Natural Resources
- Department of Fish and Wildlife
- Utilities and Transportation Commission
- Department of Motor Vehicles
- Department of Labor and Industries

Helpful publications are the "State Environmental Policy Act Handbook" (Publication 98-114) available from the Department of Ecology, and the SEPA Checklist Resource Guide available from the Department of Natural Resources, Environmental Quality and Compliance Division (360-902-1633).

Authority: Chapter 43.21C RCW; Chapter 197-11 WAC

Contact: Appropriate state agency
(Appendices A and B)

For general SEPA information, contact the Department of Ecology's Environmental Review Section at 360-407-6922

National Environmental Policy Act (NEPA)

The National Environmental Policy Act (NEPA) is our basic national charter for protection of the environment. Federal agencies making decisions on permits or licenses are required to comply with the NEPA. NEPA requirements are very similar to those of SEPA. An environmental assessment is used by the lead agency to determine the extent of environmental impacts associated with the project.

Authority: United States Code, title 42, section 4321 (42 U.S.C. 4321) and following sections

Contact: Appropriate federal agency (Appendix C)

MINING ON FEDERAL LANDS

Mining on federally owned land is regulated by the appropriate federal agency (for example, the U.S. Department of Agriculture, the U.S. Forest Service [USFS], the Bureau of Land Management [BLM], and the National Park Service [NPS]). State agencies may also regulate mining on federal lands (for example, the Washington Departments of Ecology, Natural Resources, and Health).

The laws governing mining on federal lands differ according to the mineral being mined. There are three categories of minerals: (1) locatable, (2) leasable, and (3) saleable.

Locatable Minerals

"Locatable minerals" are "valuable mineral deposits", such as gold and silver. Valuable mineral deposits on federal lands are subject to discovery and claim by citizens under the General Mining Law of 1872, as amended (30 U.S.C. 21-54). No new claims may be located within national park boundaries; only claims recorded before September 28, 1977, may be worked within national parks (16 U.S.C. 1901-1912). In addition, no new claims may be staked in congressionally withdrawn areas such as designated "Wilderness" or "Wild and Scenic Rivers" corridors (with minor exceptions); in administratively withdrawn areas such as any campground, active power withdrawal site, "Research Natural Area" (USFS), or "Area of Critical Environmental Concern" (BLM); or in other areas which may be segregated from mineral entry. BLM land status records should be consulted to determine whether specific lands are open to mineral entry.

The various federal land-management agencies regulate the environmental impacts of mining valuable mineral deposits on lands within their jurisdiction. For lands within the jurisdiction of the USFS, see Title 36 Code of Federal Regulations (CFR) part 228(A). For lands within the jurisdiction of the BLM, see Title 43 CFR. For lands within the jurisdiction of the NPS, see Title 36 CFR part 9.

Leasable Minerals

"Leasable minerals" include coal, phosphate, sodium, potassium, oil, oil shale, gilsonite, natural gas, and geothermal steam. Federal lands containing leasable minerals are subject to the Mineral Leasing Act, as amended (30 U.S.C. 181 and following sections), which allows persons to lease lands for the purpose of extracting the minerals. The Mineral Leasing Act applies to most federal lands, including national forests, but it does not apply to national parks and monuments. The U.S. Department of the Interior administers the Mineral Leasing Act under regulations in Title 43 CFR. The USFS is responsible for surface management of lands it administers under Title 36 CFR part 228(E).

Saleable Minerals

"Saleable minerals" include "common varieties" of sand, stone, gravel, pumice, pumicite, cinders, and clay. Federal lands containing saleable materials are subject to the Materials Act, as amended (30 U.S.C. 601-615), which is similar to Washington valuable materials statutes that the DNR administers. Persons may purchase and remove saleable minerals from most federal lands at the discretion of the land-managing agency. National parks and monuments are not subject to the Materials Act, and no mineral extraction can take place on those lands.

The various federal land-management agencies regulate the taking of saleable minerals from lands within their jurisdiction. For lands within the jurisdiction of the USFS, see Title 36 CFR part 228(C). For lands within the jurisdiction of the BLM, see Title 43 CFR.

Authority: 30 U.S.C., 16 U.S.C., 36 CFR, 43 CFR

Contact: Appropriate federal agency (Appendix C)

METALS MINING AND MILLING

In 1994, the Metals Mining and Milling Act (MMMA) (Chapter 78.56 RCW) was passed by the Legislature. The MMMA amended many existing laws, including: the Water Pollution Control Act (Chapter 90.48 RCW), Water Code (Chapter 90.03 RCW), Surface Mining Act (Chapter 78.44 RCW), Hazardous Waste Management Act (Chapter 70.105 RCW), Air Pollution Control Act (Chapter 70.94 RCW), and State Environmental Policy Act (Chapter 43.21C RCW).

Definitions of metals mining and milling are:

- “Metals mining and milling operation” means a mining operation extracting from the earth precious or base metal ore and processing the ore by treatment or concentration in a milling facility. It also refers to an expansion of an existing operation or any new metals mining operation if the expansion or new mining operation is likely to result in a significant, adverse environmental impact pursuant to the provisions of Chapter 43.21C of the RCW. Placer mining, the smelting of aluminum, and the extraction of dolomite, sand, gravel, aggregate, limestone, magnesite, silica rock, and zeolite or other non-metallic minerals are not metals mining and milling operations regulated under this chapter.
- “Milling” means the process of grinding or crushing ore and extracting the base or precious metal by chemical solution, electro winning, or flotation processes.

The MMMA established new requirements for metals mining and milling operations, including a siting study for tailings impoundments, waste rock management plans, environmental protection security, economic impact analyses, and mandatory environmental impact studies. The Department of Ecology is the SEPA lead agency.

Surface disturbances caused by an underground metals mining and milling operation are subject to the requirements of Chapter 78.44 of the RCW if the operation is proposed after June 30, 1999. Disturbed areas include waste rock sites, tailing facilities, and other surface manifestations of underground mines.

Authority: Metals Mining and Milling Act (Chapter 78.56 RCW); Surface Mine Reclamation Act (Chapter 78.44 RCW)

Contact: Appropriate Department of Ecology regional office (Appendix B) or Department of Natural Resources, Division of Geology and Earth Resources (Appendix A)

SURFACE COAL MINING

Surface mining of coal is regulated by the U.S. Office of Surface Mining (OSM) under federal surface-mining laws. The abandoned mined coal lands program is also administered by the OSM.

Authority: Surface Mining Control and Reclamation Act (Public Law 95-87)

30 U.S.C. 1201–1211, 1231–1328

30 CFR 700-955

Contact: U.S. Department of the Interior
Office of Surface Mining
Reclamation and Enforcement

Evergreen Plaza Bldg., Suite 703
711 Capitol Way
Olympia, WA 98501-1234
360-753-9538

MINING ON STATE- AND COUNTY-OWNED LANDS

Chapter 79.01 of the RCW establishes royalties and other criteria for mining most minerals from state-owned uplands. The DNR may enter into contracts for the sale of “valuable materials” from state-owned lands. “Valuable materials” include rock, gravel, sand, peat, and silt, but they do not include coal, petroleum, or natural gas, which are regulated under provisions of other state laws. The DNR issues leases and contracts for exploration and mining of valuable minerals from state-owned lands under provisions of Chapter 332-16 of the WAC. Under the rules of Chapter 332-14 of the WAC, the Commissioner of Public Lands may execute option contracts and leases for the mining of coal from state-owned lands; lessees must pay a royalty to the state.

Chapter 97.90 of the RCW regulates the removal of valuable materials from state-owned aquatic lands. The DNR may enter into contracts or leases for the removal and sale of rocks, gravel, sand, silt, or other valuable materials from state-owned aquatic lands. Section 332-30-126 of the WAC governs royalty rates.

Chapter 78.61 of the RCW governs mineral and petroleum leases on county lands.

Authority: Chapters 79.01, 97.90, 78.61 RCW;
Chapters 332-16, 332-14 WAC

Contact: Appropriate Department of Natural Resources regional office (Appendix A)

Department of Natural Resources, Division
of Aquatic Lands (Appendix A)

Appropriate county (Appendix D)

TRIBAL LANDS

Mining on tribal lands is regulated by the affected tribe under the supervision of the Bureau of Indian Affairs. Persons wishing to mine on tribal land must enter into a minerals agreement with the affected tribe. The appropriate tribal planning office should be contacted prior to conducting activities on tribal land. When a project is on non-tribal lands, but may affect treaty-reserved resources or areas of tribal significance, agencies have an obligation and responsibility to consult with tribal governments during the project review process. Mitigation may be required to protect treaty rights. Prevention of damage to graves or artifacts is required. It is unlawful to remove or mutilate artifacts or burial sites and is punishable as a felony under Washington State law.

Authority: Indian Mineral Development Act of 1982
(25 U.S.C. 2101–2108)

Contact: Appropriate tribe (Appendix E)

FORESTRY PITS

Mining for the primary purpose of constructing or maintaining an access road to or on the landowner’s property is not under the authority of the Surface Mining Act (Chapter 78.44 RCW). Pits used exclusively for forest road construction and maintenance are regulated by the DNR under the Forest Practices Act (Chap-

ter 76.09 RCW; Title 222 WAC) and rules of the Forest Practices Board. Pits that supply rock for forest or farm roads that are not on site or on contiguous lands are subject to regulation under the Surface Mining Act. These pits and roads may require an approved Forest Practices application as well as discharge permits from the Department of Ecology.

Authority: Chapter 76.09 RCW; Title 222 WAC; Chapter 78.44 RCW; Chapter 332-18 WAC

Contact: Appropriate Department of Natural Resources regional office (Appendix A)

Appropriate local jurisdiction (Appendix D)

BLASTING AND MINE SAFETY

Blasting and mine safety at large, long-lived mines are usually regulated by the U.S. Department of Labor Mine Safety and Health Administration (MSHA), and by the Bureau of Alcohol, Tobacco and Firearms (ATF) if explosives are imported into the state.

The Washington Department of Labor and Industries (L&I) also regulates the use of explosives and amounts of flyrock and vibrations. L&I regulates some aspects of mine safety at smaller, temporary operations.

Authority: (MSHA) Federal Mine Safety and Health Act of 1977 (30 U.S.C. 801 and sections following); 30 CFR 1-199

(ATF) 27 CFR 55; 18 U.S.C. 40

(L&I) Chapter 70.74 RCW; Chapter 296-52 WAC

Contact: Mine Safety and Health Administration
3633 136th Pl. SE, Room 206
Bellevue, WA 98006
206-553-7037

Bureau of Alcohol, Tobacco and Firearms
915 2nd Ave., Room 842
Seattle, WA 98171
206-220-6440

Washington Department of Labor and Industries, Explosive Licensing Section (for any mine) or the agency's regional offices (Appendix B)

MINERAL PROCESSING

The definition of surface mining in Chapter 78.44 of the RCW specifically excludes the on-site processing of minerals, such as concrete batching, asphalt batching, rock crushing, chemical processing, and other operational aspects of mining. Local jurisdictions can regulate these activities if they choose.

Regulation of processing commonly involves obtaining approval from the appropriate air-pollution-control agency (see Air Quality, p. 6). The Department of Ecology has a general discharge permit that may be required for the sand and gravel industry (see Water Quality, p. 6). For metals mining and milling processing plants, the SEPA lead agency is the Department of Ecology (Chapter 78.56 RCW). For uranium or thorium mills and tailings, the lead agency is the Washington State Department of Health.

Authority: Surface Mining Act (Chapter 78.44 RCW); WAC 197-11-938; local ordinances

Contact: Appropriate county (Appendix D), city, or town authority

Department of Ecology (Appendix B)

Department of Health, Division of Radiation Protection (Appendix B)

TRANSPORTATION OF MINERALS

Load limits for trucks are set by the Washington Department of Transportation. Enforcement is by state, city, or county police. Local transportation routes may be set by local government.

Some local jurisdictions may require access permits for placement of ingress to and egress from the property.

Authority: Chapter 46.44 RCW; Chapter 468-38 WAC; local ordinances

Contact: Department of Transportation, Motor Carrier Services (Appendix B)

Appropriate county (Appendix D), city, or town authority

NOISE

Noise abatement and control are the responsibility of local government. Local governments may adopt their own sets of noise standards in ordinance. Chapter 173-60 of the WAC (Maximum Environmental Noise Levels) establishes noise levels that cannot legally be exceeded. Permissible noise levels established by this regulation vary depending on the source of noise (residential, commercial, industrial) and the location receiving the noise.

Authority: Local ordinance; Noise Control Act (Chapter 70.107 RCW); Chapter 173-60 WAC

Contact: Appropriate county (Appendix D), city, or town authority

ZONING, LAND USE, AND GROWTH MANAGEMENT

Each county or municipality is responsible for zoning, approving the mine site location prior to mining, approving the subsequent use of the surface mine site, planning for population growth, designating mineral resource lands, and determining land-use compatibility. Some of the permits issued by counties and municipalities are conditional-use permits, building permits, and shoreline permits.

The Growth Management Act (GMA) became law in 1990. It requires all cities and counties to plan for future growth while protecting natural resources.

All jurisdictions must classify and designate natural resource lands (like mining, agricultural, and forest land) and critical areas (wetlands, fish and wildlife habitat, aquifer recharge areas, etc.). These jurisdictions must also adopt development regulations such as zoning, subdivision ordinances, and other official land use controls to protect these critical areas.

Authority: Counties (Title 36 RCW); cities or towns (Title 35 RCW)

Growth Management Act (Chapter 36.70A RCW); Chapter 365-190 WAC

Local ordinances

Contact: Appropriate county (Appendix D), city, or town authority

SHORELINE MANAGEMENT ACT PERMIT (SHORELINE PERMIT)

This permit is required for mining that is located on the water or shoreline area. "Shorelines" are the margins of lakes, including reservoirs, of 20 acres or greater; streams with a mean annual flow of 20 cubic feet per second or greater; marine waters; an area landward for 200 feet measured on a horizontal plane from the ordinary high-water mark; and all associated marshes, bogs, swamps, and river deltas. Flood plains and floodways incorporated into local Shoreline Master Programs are also included.

Any mining along a shoreline must be consistent with the local Shoreline Master Program. Frequently, mining along a shoreline requires a shoreline substantial-development permit, which is issued by the local jurisdiction (city or county). If a shoreline variance or conditional-use permit is required by the local jurisdiction, the Department of Ecology must also give its approval to the terms of the permit, deny the permit, or approve the permit with conditions.

Authority: Chapter 90.58 RCW; Chapters 173-14, 173-16 to 173-20 WAC

Contact: Appropriate county (Appendix D), city, or town authority

Department of Ecology, Headquarters Office (Appendix B), Shorelands and Environmental Assistance Program, 360-407-6600 or 360-407-6781

WETLANDS

Wetlands are areas that may be seasonally flooded or saturated by water. Wetlands perform important functions such as water-quality improvement, flood-water storage, and surface- and ground-water recharge, and can be essential fish and wildlife habitat. Wetlands are regulated under federal, state, and local laws.

Useful publications from the Department of Ecology are "Wetland Regulations Guidebook" (Publication 88-005) and "How Ecology Regulates Wetlands" (Publication 97-112).

Federal Regulations

The principal federal laws that regulate activities in wetlands are sections 401 and 404 of the Clean Water Act (33 U.S.C. 1341 and 33 U.S.C. 1344) and section 10 of the River and Harbor Act (33 U.S.C. 403). When a permit is required under those laws, other federal laws may also apply. These laws include the National Environmental Policy Act (NEPA) (42 U.S.C. 4321-4370b), the Federal Water Pollution Control Act (33 U.S.C. 1251-1387), certification provisions related to the federal Coastal Zone Management Act (16 U.S.C. 1456), and others.

Contact: District Engineer
U.S. Army Corps of Engineers
Attn: Regulatory Branch
4735 E. Marginal Way S.

Seattle, WA 98134-2385
206-764-3495

State Regulations

The state regulations that affect development activities in and near wetlands include the Shoreline Management Act (Chapter 90.58 RCW), Hydraulic Project Approval (Chapter 75.20 RCW), the State Water Pollution Control Act (Chapter 90.48 RCW), the State Environmental Policy Act (Chapter 43.21C RCW), and the Floodplain Management Program (Chapter 86.16 RCW). (See also Department of Ecology Publication 90-029, "Permit Handbook: Commonly Required Environmental Permits for Washington State".)

Contact: Appropriate Shorelands and Environmental Assistance section of the Department of Ecology (Olympia headquarters and Eastern regional office) or the regional offices of the Department of Fish and Wildlife (Appendix B)

Local Regulations

Local jurisdictions can also have laws that will affect projects in or adjacent to wetlands. The most common means of regulating development in wetland areas is the local Shoreline Master Program. Because there is considerable variation in the provisions of local regulations, it will be necessary to contact local planning departments to determine which provisions affect a particular wetland. In many instances, local regulations may cover wetlands not covered by federal and state regulations, and may be more restrictive than federal and state regulations. Furthermore, the Washington Growth Management Act is intended to designate wetland areas and is the responsibility of local government. (See also Department of Ecology Publication 90-029, "Permit Handbook: Commonly Required Environmental Permits for Washington State".)

Contact: Appropriate county (Appendix D), city, or town authority

FOREST PRACTICES AND LAND CLEARING

A mine owner or operator must obtain approval from the DNR before beginning any forest practice directly pertaining to forest land that involves harvesting or processing timber, including but not limited to:

- Road and trail construction
- Harvesting, final and intermediate
- Precommercial thinning
- Reforestation
- Fertilization
- Prevention and suppression of diseases and insects
- Salvage of trees
- Brush control

Local jurisdictions may require permits to clear land prior to surface mining.

Authority: Chapter 76.09 RCW; Title 222 WAC; local ordinances

Contact: Appropriate Department of Natural Resources regional office (Appendix A) and appropriate local jurisdiction (Appendix D)

WATER QUALITY

The Washington Department of Ecology administers the Water Pollution Control Act (Chapter 90.48 RCW), which is intended to “insure the purity of all waters of the state consistent with public health and public enjoyment thereof, the propagation and protection of wildlife, birds, game fish and other aquatic life, and the industrial development of the state.” If a water-quality violation occurs at a surface mine, the Department of Ecology regional office should be contacted for enforcement action.

The Department of Ecology currently can issue: water-quality certification; the state’s waste discharge permit; ground-water discharge permit; and the National Pollutant Discharge Elimination System (NPDES) permit, which is administered under authority delegated by the U.S. Environmental Protection Agency.

The Department of Ecology has a general permit for the sand and gravel industry. This general permit regulates discharges of process water, stormwater, and mine-dewatering water associated with sand and gravel operations, rock quarries, and similar mining activities, including stockpiles of mined materials, concrete batch operations, and hot mix asphalt operations. Operators should apply directly to the Department of Ecology regional offices to maintain compliance.

Authority: Chapters 90.48, 90.52, 90.54 RCW; Chapters 173-216 and 173-220 WAC; WAC 173-224-040(1); the federal Clean Water Act (33 U.S.C. 1251–1387)

Contact: Appropriate Department of Ecology regional office (Appendix B)

GROUND-WATER AND SURFACE-WATER WITHDRAWAL

The Washington Department of Ecology regulates the withdrawal of water from surface and underground sources. If a mining activity requires the use of water, or if water rights are believed to have been affected by surface mining, the Department of Ecology’s Water Resources section should be contacted.

Authority: Chapters 18.104, 43.27A, 90.03, 90.14, 90.16, 90.22, 90.44, 90.54 RCW; Chapters 508-12, 173-150, 173-160, 173-162 WAC

Contact: Appropriate Department of Ecology regional office (Appendix B)

HYDRAULIC PROJECT APPROVAL (HPA)

Any work, including mining, that uses, diverts, obstructs, or changes the natural flow or bed of any fresh-water or salt-water body of the state requires approval from the Washington Department of Fish and Wildlife.

Authority: RCW 75.20.100; Chapter 220-110 WAC

Contact: Appropriate Department of Fish and Wildlife office (Appendix B)

LANDFILLS AND DUMPING

Local health districts and county governments are responsible for site selection and regulation of landfill and dump operations. The Washington Department of Ecology works in cooperation with local governments in developing waste-management plans.

Authority: Chapter 70.95 RCW; Chapter 173-304 WAC; local ordinances

Contact: Appropriate county planning department (Appendix D), local health district (Appendix F), or Department of Ecology regional office (Appendix B)

HAZARDOUS WASTE

The Department of Ecology regulates the disposal of hazardous waste under the supervision of the federal Environmental Protection Agency.

Authority: Chapter 70.105 RCW; Chapter 173-303 WAC; the federal Resource Conservation and Recovery Act, 42 U.S.C. 6901 and following sections

Contact: Appropriate Department of Ecology regional office, Hazardous Waste section (Appendix B)

AIR QUALITY

Definitions of air pollution in Washington are based on a set of laws and regulations involving three levels of government, as follows: (1) The federal government, through the Environmental Protection Agency, sets air-pollution standards that apply nationally; (2) the state government, through the Department of Ecology, is required to implement those standards and can (and has) set stricter standards; and (3) local air-pollution-control agencies also have broad responsibilities for implementing air-pollution-control activities within their single- or multi-county jurisdictions and have the power to set standards stricter than those of the state and federal agencies.

The Department of Ecology or the local air-pollution-control authority has review and permit authority over rock crushers, batch plants, fugitive dust emissions from mining operations, and haul roads and should be contacted for further information.

Authority: Local ordinances; Chapters 43.21A and 70.94 RCW; Chapters 173-400, 173-405, 173-410, 173-415, 173-490 WAC; federal Clean Air Act, 42 U.S.C. 7401 and following sections

Contact: Appropriate air-pollution-control authority or Department of Ecology regional office (Appendices B and G)

BURNING

Burning in preparation for surface mining or burning within a surface-mine permit area may require a burning permit. All types of outdoor fires may be subject to regulation, including those to burn vegetation, forest slash, and wood debris, as well as recreational fires.

Authority: Federal Clean Air Act, 42 U.S.C.; Chapter 76.04 RCW; Chapter 332-24 WAC

Contact: Appropriate DNR regional office (Appendix A)

The local fire-protection agency may also require a burning permit

ARCHAEOLOGICAL RESOURCES

The Office of Community Development (OCD) regulates archaeological excavations on state and private lands. The OCD Office of Archaeology and Historic Preservation can determine if historic or archaeological sites would be affected by mining. An historic/archaeological excavation assessment may be required. An archaeological excavation permit required by RCW 27.53.060 must be obtained before the digging up of any archaeological resource or the excavation of any such site.

Mining projects may be subject to review under Section 106 of the National Historic Preservation Act of 1966 (NHPA). This act requires that all federal agencies take into account the affect of its actions on historic properties. Requirements of Section 106 review apply to any federal undertaking, funding, license, or permit.

The Office of Archaeology and Historic Preservation is consulted to help determine if the site has been surveyed, if there are identified historical resources on-site, and if the property is listed or eligible for listing on the National Register of Historic Places.

Authority: Chapter 27.53 RCW; Chapter 25-48 WAC

Contact: Office of Community Development, Office of Archaeology and Historic Preservation (Appendix B)

THREATENED AND ENDANGERED SPECIES

The Endangered Species Act of 1973 (ESA) instructs federal agencies to carry out programs to conserve endangered and threatened species (plants and animals) and to conserve the ecosystems on which these species depend.

The U.S. Fish and Wildlife Service (USFWS) in the Department of the Interior and the National Marine Fisheries Service (NMFS) in the Department of Commerce share responsibility for administration of the ESA. They are responsible for ensuring that government and citizen actions do no further harm to species listed as endangered or threatened, as well as for developing and implementing a plan for recovering the species to a stable population. Generally, the NMFS deals with anadromous fish (fish that migrate from salt water to fresh water to spawn) and those species occurring in marine environments, while the USFWS is responsible for terrestrial and freshwater species and migratory birds.

The ESA requires the publication of 4(d) rules for species listed as "threatened." These 4(d) rules put "take" prohibitions in place and also limit take prohibitions for specific categories of activities that contribute to conserving listed species. The USFWS has enacted a general 4(d) rule applying statutory take prohibitions for endangered species and threatened species. The NMFS does not have a general 4(d) rule and enacts 4(d) rules on a more specific basis.

Authority: Threatened and Endangered Species Act; 50 CFR 17, 50 CFR 402-453.06

Contact: Department of Interior
U.S. Fish and Wildlife Service
Olympia State Office
510 Desmond Dr. SE, Suite 102
Lacey, WA 98503-1236
360-753-9440

National Marine Fisheries Service
Northwest Regional Office
7600 Sand Point Way NE
Seattle, WA 98115-0070
206-526-6150
William Stelle, Jr., Regional Administrator

OIL POLLUTION PREVENTION REGULATION

The Environmental Protection Agency's Oil Pollution Prevention regulation promulgated under the Clean Water Act and amended under the Oil Pollution Act of 1990 addresses non-transportation-related facilities. The main requirement of facilities subject to the regulation is preparation and implementation of a plan to prevent any discharge of oil into navigable waters of the United States (including ground water). The plan is referred to as a Spill Prevention Control and Countermeasure Plan (SPCC Plan).

Authority: 40 CFR 112

Contact: U.S. Environmental Protection Agency
Mailstop ECL 117
1200 6th Ave.
Seattle, WA 98101
206-553-1090

NOXIOUS WEEDS

Weeds at mine sites are undesirable because they threaten native vegetation and can make it very difficult to reclaim a mine site for the planned subsequent use.

County weed control authorities, which administer Chapter 17.10 of the RCW, Washington's Noxious Weed Control law, can be contacted with regard to which weed species are present and what they recommend for control of specific species of weeds.

Certain aquatic and wetland plants have been designated as noxious weeds by the Washington State Noxious Weed Control Board. Generally, a permit from the Director of Agriculture is required for transporting various plants or plant parts.

Trigger Activity: Transporting noxious plants or plant parts

Authority: Chapter 17.10 RCW; Chapter 16-752 WAC

Contact: Department of Agriculture, Plant Services Division (Appendix B)

Fee: None

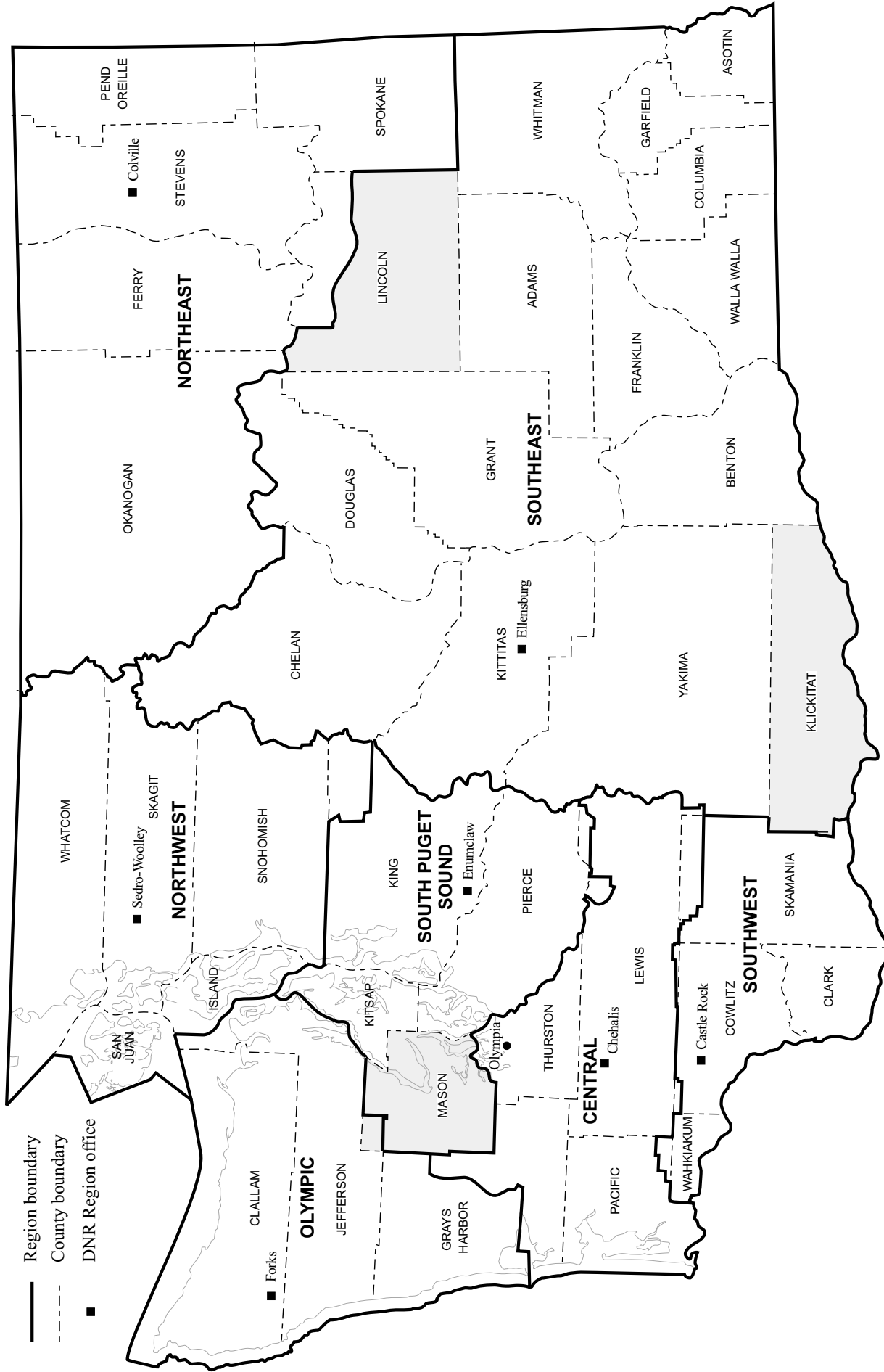


Figure 1. Department of Natural Resources (DNR) regional boundaries, 1994. For reclamation permit purposes only, the following areas (shaded) are included in the following regions: Mason County is included in Central Region; Klickitat County is included in Southwest Region; Lincoln County is included in Northeast Region.

Table 1. Summary of surface-mine permitting requirements

Issue	Requirements	Agency	Citation
FEDERAL			
Water quality	Sand and Gravel Discharge; Surface Water Waste Discharge Permit; National Pollution Discharge Elimination System (NPDES)	EPA/Ecology	33 U.S.C. 1251-1400 (see also 33 U.S.C. 402 and 404)
Water quality	Water Quality Certification	EPA	33 U.S.C. 401, federal Clean Water Act
Air quality	Air Contaminant Source Operation Permit	EPA	42 U.S.C. 7401 and following sections
Hazardous waste treatment, storage or disposal	Dangerous (Hazardous) Waste Permit	EPA	42 U.S.C. 6901-6992k
Threatened and endangered species	Threatened and Endangered Species Consultation and Clearance	Fish and Wildlife Service	50 CFR 17 and 402-453.6
On-site oil spills	Spill Prevention, Control and Countermeasure (SPCC) Plan	EPA	40 CFR 112
Activities near surface water bodies	Dredge and Fill Permit	U.S. Army Corps of Engineers	33 U.S.C. 404, federal Clean Water Act
Mineral mining	Plan of Operations	USFS	36 CFR 228.4 and 228.5
Mineral mining	Plan of Operations	BLM	43 CFR 3809
Rights of way (access)	USFS Right of Way Approvals	USFS	36 CFR 228.12
Rights of way	BLM Right of Way Approvals	BLM	43 CFR 3809
Mine safety	Explosives Use Permit	MSHA	30 U.S.C. 801 and following sections (Mine Safety and Health Act)
Mine safety	Explosives Use Permit	ATF	18 U.S.C. 840; 27 CFR 55
Miners safety	Miners Training Plan Approval	MSHA	30 CFR 48.21 and following sections
Wetlands preservation	Various wetlands permits	U.S. Army Corps of Engineers	Secs. 401 and 404 of 33 U.S.C. 1341-1344; sec. 10 of the River & Harbor Act, 33 U.S.C. 403
Procedure	National Environmental Policy Act (NEPA)	Appropriate federal agency	40 CFR 1500-1508; 42 U.S.C. 4321 and following sections
STATE			
Water quality	Ground Water Waste Discharge Permit	Ecology	Chapters 90.48, 90.52, 90.54 RCW; Chapter 173-216 WAC
Water quality	Surface Water Waste Discharge Permit	Ecology	Chapter 90.48 RCW; Chapters 173-220, 173-216 WAC
Water quality	Water Quality Certification	Ecology	Chapter 90.48 RCW; Chapter 173-225 WAC
Water quality	On-site Sewage System Permit	Ecology	Chapter 90.48 RCW; Chapter 173-240 WAC
Water quality	Temporary Modification of Receiving Water Standards	Ecology	Chapter 90.48 RCW; Chapters 173-201, 173-222 WAC
Air quality	Prevention of Significant Deterioration Standards	Ecology	Chapter 43.21A RCW; Chapters 173-400 WAC
Air quality	New Source Construction Approval	Ecology	RCW 70.94.152; Chapters 173-400, 173-490 WAC
Air quality	Air Contaminant Source Operation Permit	Ecology	RCW 70.94.161; Chapter 173-400 WAC
Air quality	Burning Permits	Ecology	RCW 70.94.650 and following sections
Hazardous waste treatment, storage or disposal	Dangerous (Hazardous) Waste Permit	Ecology	Chapter 70.105 RCW; Chapter 173-303 WAC
Water rights	Surface Water Right Permit	Ecology	RCW 90.03.250 and following sections
Water rights	Ground Water Right Permit	Ecology	RCW 90.44.060
Water rights	Changes to Existing Water Rights—Certificates	Ecology	RCW 90.03.380, 90.44.100
Water rights	Temporary Permit	Ecology	RCW 90.03.250
Water storage	Reservoir Permit	Ecology	RCW 90.03.370; Chapter 508-12 WAC
Test well drilling	Preliminary Permit	Ecology	RCW 90.03.290
Dam safety	Dam Safety Approval	Ecology	RCW 90.03.350
Public water supply	Public Water Supply Facilities Permit	Ecology	Chapter 43.21A RCW
Bodies of surface water	Hydraulic Project Approval (HPA)	Fish and Wildlife	RCW 75.20.100; Chapter 220-110 WAC
Mine reclamation	Reclamation Permit	DNR	Chapter 78.44 RCW; Chapter 332-18 WAC

Table 1. (continued)

Issue	Requirements	Agency	Citation
Metals mining	Metals Mining and Milling Act (numerous permits)	Numerous	Chapter 78.56 RCW
Forestry protection	Burning Permit	DNR	RCW 76.04.205; Chapter 332-44 WAC
Forestry protection	Forest Practices Approval	DNR	Chapter 76.09 RCW; Title 222 WAC
Wetlands preservation	Various wetlands permits	Ecology	RCW 90.58.140; Chapters 90.03 and 90.44 RCW
Waste management	Hazardous Waste Annual Reporting	Ecology	Chapter 70.105 RCW; Chapter 173-303 WAC
Flood control	Flood Plain Management Permit	Ecology	Chapter 86.16 RCW; Chapter 173-158 WAC
Mine safety	Explosive Use Permit	Labor and Industries	Chapter 70.74 RCW; WAC 296-52-437
Procedural	State Environmental Policy Act (SEPA)	Appropriate state or local agency	Chapter 43.21C RCW; Chapter 197-11 WAC
LOCAL			
Water quality	On-site Sewage System	County/city	Chapter 90.48 RCW; Chapter 173-240 WAC
Air quality	Burning permits	County/city	Chapter 70.94 RCW
Noise control	Noise Control permits	County/city	Chapter 70.107 RCW; Chapter 173-60 WAC
Solid waste disposal	Solid Waste Disposal Permit	County/city	Chapter 70.95 RCW; Chapter 173-304 WAC
Shorelines	Substantial Development Permit	County/city	RCW 90.58.140 (2); Chapters 173-14, -16-20 WAC
Shorelines	Conditional Use Permit	County/city	RCW 90.58.100 (5); Chapters 173-14, -16-20 WAC; local ordinances
Local zoning and regulation codes	Variiances, conditional use permits, building permits	County/city	Titles 35 and 36 RCW
Pollution control	On-site Sewage Disposal Permit	County/city	Local ordinances

Appendix A. Department of Natural Resources offices (1-800-527-3305)

DIVISION OFFICES

Department of Natural Resources
Division of Aquatic Resources
PO Box 47027
Olympia, WA 98504-7027
360-902-1100
360-902-1786 fax

Department of Natural Resources
Division of Geology and Earth Resources
PO Box 47007
Olympia, WA 98504-7007
360-902-1450
360-902-1785 fax

REGIONAL OFFICES (see Fig. 1)

Department of Natural Resources
Central Region
1405 Rush Rd.
Chehalis, WA 98532-8763
360-748-2383
360-748-2387 fax

Department of Natural Resources
Northeast Region
PO Box 190
Colville, WA 99114-0190
509-684-7474
509-684-7484 fax

Department of Natural Resources
Northwest Region
919 N. Township St.
Sedro-Woolley, WA 98284-9333
360-856-3500
360-856-2150 fax

Department of Natural Resources
Olympic Region
Route 1, Box 1375
Forks, WA 98331-9797
360-374-6131
360-374-5446 fax

Department of Natural Resources
South Puget Sound Region
PO Box 68
Enumclaw, WA 98022-0068
360-825-1631
360-825-1672 fax

Department of Natural Resources
Southeast Region
713 Bowers Rd.
Ellensburg, WA 98926-9341
509-925-8510
509-925-8522 fax

Department of Natural Resources
Southwest Region
601 Bond Rd.
PO Box 280
Castle Rock, WA 98611-0280
360-577-2025
360-274-4196 fax

Appendix B. State agency offices

DEPARTMENT OF AGRICULTURE

Department of Agriculture
Plant Services Division
21 N. 1st Ave.
Yakima, WA 98902

Greg Hebraic
509-225-2604

DEPARTMENT OF ECOLOGY

Department of Ecology
Headquarters Office
PO Box 47600
Olympia, WA 98504-7600
360-407-6000

Department of Ecology
Central Regional Office
(Benton, Chelan, Douglas, Kittitas,
Klickitat, Okanogan, and Yakima counties)
106 S. 6th Ave.
Yakima, WA 98902-3387
509-575-2491

Department of Ecology
Eastern Regional Office
(Adams, Columbia, Ferry, Franklin, Garfield,
Grant, Lincoln, Pend Oreille, Spokane, Stevens,
Walla Walla, and Whitman counties)
4601 N. Monroe St., Suite 202
Spokane, WA 99205-1295
509-456-2926

Department of Ecology
Northwest Regional Office
(Island, King, Kitsap, San Juan, Skagit,
Snohomish, and Whatcom counties)
3190 160th Ave. SE
Bellevue, WA 98008-5452
425-649-7000

Department of Ecology
Southwest Regional Office
(Clallam, Clark, Cowlitz, Grays Harbor,
Jefferson, Lewis, Mason, Pacific, Pierce,
Skamania, Thurston, and Wahkiakum counties)
300 Desmond Dr. SE
Lacey, WA 98503
360-407-6000

DEPARTMENT OF FISH & WILDLIFE

Department of Fish & Wildlife
Headquarters Office
600 Capitol Way N.
Olympia, WA 98501-0191
360-753-5700

Department of Fish & Wildlife
Habitat Management Program
PO Box 43200
Olympia, WA 98501-1091
360-902-2534

Department of Fish & Wildlife
Marine Fish and Shellfish Program
PO Box 43200
Olympia, WA 98501-1091
360-902-2800

Department of Fish & Wildlife
Salmon & Steelhead Division
PO Box 43200
Olympia, WA 98501-1091
360-902-2661

Department of Fish & Wildlife
Marine Resources Division
PO Box 43200
Olympia, WA 98501-1091

Department of Fish & Wildlife
Spokane—Region No. 1
8702 N. Division St.
Spokane, WA 99218-1199
509-456-4082

Department of Fish & Wildlife
Ephrata—Region No. 2
1550 Alder St. NW
Ephrata, WA 98823-9699
509-754-4624

Department of Fish & Wildlife
Yakima—Region No. 3
1701 S. 24th Ave.
Yakima, WA 98902-5720
509-575-2740

Department of Fish & Wildlife
Mill Creek—Region No. 4
16018 Mill Creek Blvd.
Mill Creek, WA 98012-1296
425-775-1311

Department of Fish & Wildlife
Vancouver—Region No. 5
2108 Grand Blvd.
Vancouver, WA 98661-1299
360-696-6211

Department of Fish & Wildlife
Aberdeen—Region No. 6
48-B Devonshire Rd.
Montesano, WA 98563-0000
360-249-6522

Department of Fish & Wildlife
Regulatory Services Program
Habitat Management Division
600 Capitol Way N.
Olympia, WA 98501-1091
360-753-3318

DEPARTMENT OF HEALTH

Department of Health
Division of Radiation Protection
NewMarket Industrial Campus
7171 Cleanwater Lane, Building 5
PO Box 47827
Olympia, WA 98504-7827
360-236-3300

DEPARTMENT OF LABOR & INDUSTRIES

Department of Labor & Industries
Explosive Licensing Section
PO Box 44648
Olympia, WA 98504
360-902-5563

Region 1 Offices

Department of Labor & Industries
Bellingham Field Services Location
1720 Ellis St., Suite 200
Bellingham, WA 98225
360-647-7300

Department of Labor & Industries
Everett Field Services Location
729 100th St. SE
Everett, WA 98208-3727
425-290-1300

Department of Labor & Industries
Mount Vernon Field Services Location
525 E. College Way, Suite H
Mount Vernon, WA 98273-5500
360-416-3000

Region 2 Offices

Department of Labor & Industries
Bellevue Field Services Location
616 120th Ave. NE, Suite C201
Bellevue, WA 98005
425-990-1400

Department of Labor & Industries
Seattle Field Services Location
300 W. Harrison
Seattle, WA 98119
206-281-5400

Department of Labor & Industries
Tukwila Field Services Location
12806 Gateway Dr.
Seattle, WA 98168-3311
206-248-8240

Region 3 Offices

Department of Labor & Industries
Bremerton Field Services Location
500 Pacific Ave.
Bremerton, WA 98337-1943
360-415-4000

Department of Labor & Industries
Port Angeles Field Services Location
1605 E. Front St., Suite C
Port Angeles, WA 98362-4628
360-417-2700

Department of Labor & Industries
Tacoma Field Services Location
305 Public Service Building
1305 Tacoma Ave. S., Room 305
Tacoma, WA 98402-1988
253-596-3800

Region 4 Offices

Department of Labor & Industries
Aberdeen Field Services Location
415 W. Wishkah, Suite 1B
Aberdeen, WA 98520-4315
360-533-8200

Department of Labor & Industries
Longview Field Services Location
900 Ocean Beach Hwy.
Longview, WA 98632-4013
360-575-6900

Department of Labor & Industries
Tumwater Field Services Location
7273 Linderson Way, Tumwater
PO Box 44850
Olympia, WA 98504-4850
360-902-5799

Department of Labor & Industries
Vancouver Field Services Location
312 SE Stonemill Dr., Suite 120
Vancouver, WA 98684-6982
360-896-2300

Region 5 Offices

Department of Labor & Industries
East Wenatchee Field Services Location
519 Grant Rd.
East Wenatchee, WA 98802
509-886-6500

Department of Labor & Industries
Kennewick Field Services Location
500 N. Morain, Suite 1110
Kennewick, WA 99336
509-735-0100

Department of Labor & Industries
Moses Lake Field Services Location
3001 W. Broadway
Moses Lake, WA 98837
509-764-6900

Department of Labor & Industries
Okanogan Field Services Location
1234 S 2nd Ave.
PO Box 632
Okanogan, WA 98840
509-826-7345

Department of Labor & Industries
Walla Walla Field Services Location
1815 Portland Ave.
Walla Walla, WA 99362
509-527-4437

Department of Labor & Industries
Yakima Field Services Location
15 W. Yakima Ave., Suite 100
Yakima, WA 98902-3401
509-454-3700

Region 6 Offices

Department of Labor & Industries
Colville Field Services Location
298 S. Main, Suite 203
Colville, WA 99114
509-684-7417 or 800-509-9174

Department of Labor & Industries
Pullman Field Services Location
SE 1250 Bishop Blvd., Suite G
PO Box 847
Pullman, WA 99163
509-334-5296 or 800-509-0025

Department of Labor & Industries
Spokane Field Services Location
N. 901 Monroe, Suite 100
Spokane, WA 99201
509-324-2600 or 800-509-8847

DEPARTMENT OF TRANSPORTATION

Department of Transportation
Motor Carrier Services
921 Lakeridge Way SW
PO Box 47367
Olympia, WA 98504-7367
360-664-9494 or 800-562-6902

OFFICE OF COMMUNITY DEVELOPMENT

Office of Community Development
Office of Archaeology and Historic Preservation
420 Golf Club Rd. SE, Suite 201, Lacey
PO Box 48343
Olympia, WA 98504-8343
360-407-0752

Appendix C. Federal land managers

U.S. DEPARTMENT OF AGRICULTURE FOREST SERVICE

Colville National Forest
765 S. Main
Colville, WA 99114-2599
509-684-3711

Gifford Pinchot National Forest
6926 E. 4th Plain Blvd.
PO Box 894
Vancouver, WA 98666-0894
360-891-5000

Mt. Baker—Snoqualmie National Forest
21905 64th Ave. W.
Mountlake Terrace, WA 98043-2278
425-775-9702

Okanogan National Forest
1240 2nd Ave. S.
Okanogan, WA 98840-9723
509-826-3275

Olympic National Forest
1835 Black Lake Blvd. SW
Olympia, WA 98512-5623
360-956-2300

Wenatchee National Forest
301 Yakima St.
PO Box 811
Wenatchee, WA 98807-0811
509-662-4335

U.S. DEPARTMENT OF INTERIOR NATIONAL PARK SERVICE

Pacific Northwest Regional Office
909 1st Ave.
Seattle, WA 98174-1103
206-220-4000

BUREAU OF LAND MANAGEMENT

Spokane District
4217 E. Main Ave.
Spokane, WA 99202-4742
509-353-2570

Wenatchee Resource Area
1133 Western Ave. N.
Wenatchee, WA 98801-1229
509-662-4223

Appendix D. County planning agencies

Adams County Planning Commission
165 N. 1st
Othello, WA 99344-1061
509-488-9441

Asotin County Planning Commission
135 2nd St.
PO Box 160
Asotin, WA 99402-0160
509-243-2074

Benton County
Planning & Building Department
PO Box 910
Prosser, WA 99350-0910
509-786-5612

Benton–Franklin Regional Council
PO Box 217
Richland, WA 99352-0217
509-943-9185

Chelan County Regional Planning Commission
411 Washington St.
Wenatchee, WA 98801-2854
509-664-5225

Clallam County Planning Department
223 E. 4th St.
Port Angeles, WA 98362-3025
360-417-2321

Clark County Department of Public Services
Planning and Development Review Division
1408 Franklin St.
PO Box 9810
Vancouver, WA 98668-8810
360-699-2375

Columbia County Planning Department
341 E. Main
Dayton, WA 99328-1361
509-382-4676

Cowlitz County Department of
Community Development
207 4th Ave. N.
Kelso, WA 98626-4189
360-577-3052

Cowlitz–Wahkiakum Council of Governments
Administration Annex
207 4th Ave. N.
Kelso, WA 98626-4195
360-577-3041

Douglas County Regional Planning Department
470 9th St.
East Wenatchee, WA 98802-1503
509-884-7173

Ferry County Planning Department
PO Box 305
Republic, WA 99166-0305
509-775-5209

Franklin County Planning Department
Franklin County Courthouse
1016 N. 4th Ave.
Pasco, WA 99301-3776
509-545-3521

Garfield County Commissioner's
Planning Department
PO Box 278
Pomeroy, WA 99347-0278
509-843-1391

Grant County Planning Commission
PO Box 37
Ephrata, WA 98823-0037
509-754-2011

Grays Harbor County Planning Department
PO Box 390
Montesano, WA 98563-0390
360-249-5579

Grays Harbor County Regional Planning
2109 Sumner Ave., Suite 202
Aberdeen, WA 98520-3699
360-532-8812

Island County Planning Commission
PO Box 5000
Coupeville, WA 98239-5000
360-679-7339

Jefferson County Planning Department
PO Box 1220
Port Townsend, WA 98368-1220
360-385-9140

King County Parks
Planning and Resources Department
506 2nd Ave., Room 1108
Seattle, WA 98104-2336
206-296-6704

Kitsap County Planning Department
Kitsap Regional Council
614 Division St.
Port Orchard, WA 98366-4676
360-876-7182

Kittitas County Planning Commission
Kittitas County Courthouse, Room 182
205 W. 5th Ave.
Ellensburg, WA 98926-2894
509-962-7506

Klickitat County Planning Department
228 W. Main St., Room 150
Goldendale, WA 98620-9597
509-773-5703

Lewis County Planning Department
350 N. Market Blvd.
Chehalis, WA 98532-2626
360-740-1146

Lincoln County Planning Commission
PO Box 297
Davenport, WA 99122-0297
509-725-7911

Mason County
Department of Community Development
PO Box 578
Shelton, WA 98584-0578
360-427-9670

Okanogan County Planning Commission
237 4th Ave. N.
PO Box 1009
Okanogan, WA 98840-1009
509-422-7110

Pacific County Planning Department
PO Box 68
South Bend, WA 98586-0068
360-875-9356

Pacific County Regional Planning
PO Box 709
Raymond, WA 98577

Pend Oreille County Planning Department
PO Box 5066
Newport, WA 99156-5066
509-447-4821

Pierce County Planning & Land Services Department
2401 S. 35th St.
Tacoma, WA 98409-7490
253-591-7200

San Juan County Planning Department
PO Box 947
Friday Harbor, WA 98250-0947
360-378-2354

Skagit County Planning Department
County Administration Building, Room 204
Mount Vernon, WA 98273-3864
360-336-9410

Skamania County Planning Department
PO Box 790
Stevenson, WA 98648-0790
509-427-9458

Snohomish County Planning Department
3000 Rockefeller Ave.
Everett, WA 98201-4046
360-388-3313

Spokane County Planning Commission
1116 W. Broadway Ave.
Spokane, WA 99260-0020
509-456-3675

Stevens County Planning Department
Stevens County Courthouse Annex
260 S. Oak
PO Box 191
Colville, WA 99114-0191
509-684-2401

Thurston Regional Planning Council
2404 Heritage Ct. SW, #B
Olympia, WA 98502-6031
360-786-5480

Walla Walla County Regional Planning Commission
310 W. Popular, Room 117
Walla Walla, WA 99362-2865
509-527-3285

Whatcom County Planning Department
5280 Northwest Rd., Suite B
Bellingham, WA 98226-9094
360-676-6907

Whitman County Planning Department
PO Box 430
Colfax, WA 99111-0430
509-397-6212

Yakima County Planning Department
Yakima County Courthouse, Room 417
128 N. 2nd St.
Yakima, WA 98901-2631
509-575-2230

Yakima Valley Conference of Governments
6 S. 2nd St., Suite 605
Yakima, WA 98901-2618
509-574-1550

Puget Sound Regional Council
1011 Western Ave., #500
Seattle, WA 98104-1035

Appendix E. Tribal contacts

Chehalis Confederated Tribes
Planner
PO Box 536
Oakville, WA 98568-0536
360-273-5911

Colville Confederated Tribes
Watershed Manager
PO Box 150
Nespelem, WA 99155-0150
509-634-8844

Hoh Tribe
Planner
HC 80 Box 917
Forks, WA 98331-0917
360-374-6582

Jamestown Klallam Tribe
Tribal Planner
1033 Old Blyn Hwy.
Sequim, WA 98382-9608
360-683-1109

Kalispel Tribe
Planning Director
PO Box 39
Usk, WA 99180-0039
509-445-1147

Lower Elwha Klallam Tribe
Business Manager
2851 Lower Elwha Rd.
Port Angeles, WA 98362-0000
360-452-8471

Lummi Nation
Planner
2616 Kwina Rd.
Bellingham, WA 98226-9298
360-647-6278

Makah Tribal Counsel
Economic Development Director
PO Box 115
Neah Bay, WA 98357-0115
360-645-2205

Muckleshoot Tribe
Planner
39015 172nd Ave. SE
Auburn, WA 98002-9763
360-939-3311

Nisqually Indian Tribe
Planning Director
4820 She-Nah-Num Dr. SE
Olympia, WA 98513-9199
360-456-5221

Nooksack Indian Tribe
Administrative Officer
5048 Mt. Baker Highway
PO Box 157
Deming, WA 98244-0157
360-592-5176

Port Gamble S-Klallam Tribe
Environmental Planner
PO Box 280
Kingston, WA 98346-0280
360-297-2646

Puyallup Tribe
Planning Director
2002 E. 28th St.
Tacoma, WA 98404-4996
253-597-6200

Quileute Tribe
Planning Director
PO Box 279
La Push, WA 98350-0279
360-374-6163

Quinault Indian Nation
Planning Director
PO Box 189
Taholah, WA 98587-0189
360-276-8211

Sauk-Suaittle Tribe
Chairman
5318 Chief Brown Ln.
Darrington, WA 98241-9421
360-436-0132

Shoalwater Bay Tribe
Tribal Administrator
PO Box 130
Tokeland, WA 98590-0130
360-267-6766

Skokomish Tribe
Fisheries Habitat Biologist
541 N. Tribal Center Rd.
Shelton, WA 98584-9748
360-877-5213

Squaxin Island Tribe
Community Development Planner
70 SE Squaxin Ln.
Shelton, WA 98584-9200
360-426-9781

Spokane Tribe of Indians
Planning Director
PO Box 100
Wellpinit, WA 99040-0100
509-258-4581

Stillaguamish Tribe of Indians
Planner
3439 Stoluckquamish Ln.
PO Box 277
Arlington, WA 98223-0277
360-652-7362

Suquamish Tribe
Community Development Specialist
PO Box 498
Suquamish, WA 98392-0498
360-598-3311

Tulalip Tribes
Planning Director
6700 Totem Beach Rd.
Marysville, WA 98271-9694
360-653-4585

Upper Columbia United Tribes Director
Department of Biology
Mailstop: 72
Eastern Washington University
Cheney, WA 99004-2496
509-359-6397 or 509-359-7498

Yakima Indian Nation
Planner
PO Box 151
Toppenish, WA 98948-0151
509-865-5121

Appendix F. County public health districts

Adams County Health District
108 W. Main Ave.
Ritzville, WA 99169-1407
509-659-0090 ext. 262

Asotin County Health District
431 Elm St.
Clarkston, WA 99403-2694
509-758-3344

Benton–Franklin Health District
Environmental Health Division
800 W. Canal Dr.
Kennewick, WA 99336-3564
509-582-7761

Chelan–Douglas Health District
Environmental Health Division
411 Washington St.
Wenatchee, WA 98801-2887
509-664-5310

Clallam County Environmental Health
223 E. 4th St.
Port Angeles, WA 98362-3024
360-417-2415

Clark County
(see Southwest Washington Health District)

Columbia County Health District
Environmental Health Division
221 E. Washington Ave., Suite 101PH
Dayton, WA 99328-1317
509-382-3048

Cowlitz–Wahkiakum Health District
Environmental Health Services
PO Box 458
Longview, WA 98632-0458
360-577-0289

Douglas County
(see Chelan–Douglas Health District)

Ferry County
(see Northeast Tri-County Health District)

Franklin County
(see Benton–Franklin Health District)

Garfield County Health Department
Environmental Health Division
PO Box 130
Pomeroy, WA 99347-0130
509-843-3412

Grant County Health District
PO Box 37
Ephrata, WA 98823-0037
509-754-2011 ext. 397

Grays Harbor County Health Department
Environmental Health Division
PO Box 391
Montesano, WA 98563-0391
206-249-4413

Island County Environmental Health Department
PO Box 5000
Coupeville, WA 98239-5000
360-679-7350

Jefferson County Environmental Health Department
Castle Hill Center
615 Sheridan St.
Port Townsend, WA 98368-2439
360-385-9444

Bremerton–Kitsap County Health District
Environmental Health Division
109 Austin Dr.
Bremerton, WA 98312-1899
360-478-5285

Kittitas County Health Department
507 N. Nanum St., Room 102
Ellensburg, WA 98926-2898
509-962-7698

Klickitat County
(see Southwest Washington Health District)

Lewis County Health Department
Environmental Health
350 N. Market Blvd.
Chehalis, WA 98532-2626
360-740-1277

Lincoln County Environmental Health
PO Box 105
Davenport, WA 99122-0105
509-725-2501

Mason County Health Services
Environmental Health Section
426 W. Cedar
PO Box 1666
Shelton, WA 98584-1666
360-427-9670 ext. 553

Northeast Tri-County Health District
Environmental Health
260 S. Oak
PO Box 270
Colville, WA 99114-0270
509-684-2262

Okanogan County Health Department
Environmental Health Division
PO Box 231
Okanogan, WA 98840-0231
509-422-7140

Pacific County Dept. of Community Development
 Environmental Health Division
 PO Box 68
 South Bend, WA 98586-0068
 360-875-9356

Pend Oreille County
 (see Northeast Tri-County Health District)

Tacoma–Pierce County Health Department
 Mailstop: EHD-015
 3629 S. “D” St.
 Tacoma, WA 98408-6895
 253-591-6047

San Juan County Health Department
 PO Box 607
 Friday Harbor, WA 98250-0607
 360-378-4474

Seattle–King County Department of Public Health
 Environmental Health Division
 506 2nd Ave., Room 201
 Seattle, WA 98104-2336
 206-296-4722

Skagit County Health Department
 Administration Building, Room 301
 700 S. 2nd St.
 Mount Vernon, WA 98273-3864
 360-336-9380

Skamania County
 (see Southwest Washington Health District)

Snohomish Health District
 Environmental Health Division
 The Rucker Building
 3020 Rucker Ave., Suite 102
 Everett, WA 98201-3971
 360-339-5250

Southwest Washington Health District
 Environmental Health
 PO Box 1870
 Vancouver, WA 98663-1870
 360-695-9215

Spokane County Health District
 Environmental Health Division
 1101 W. College Ave., Suite 402
 Spokane, WA 99201-2037
 509-324-1560

Stevens County
 (see Northeast Tri-County Health District)

Thurston County Environmental Health
 Building 1
 2000 Lakeridge Dr. SW
 Olympia, WA 98502-6090
 360-786-5455

Wahkiakum County
 (see Cowlitz–Wahkiakum Health District)

Walla Walla County–City Health Department
 Environmental Health Division
 310 W. Poplar
 PO Box 1753
 Walla Walla, WA 99362-1753
 509-527-3290

Whatcom County Environmental Health
 PO Box 935
 Bellingham, WA 98227-0935
 360-676-6724

Whitman County Health Department
 Environmental Health Division
 310 N. Main St.
 Colfax, WA 99111-1893
 509-397-6282

Yakima County Health Department
 Environmental Health Division
 104 N. 1st St.
 Yakima, WA 98901-2667
 509-575-4040

Appendix G. Contacts for air-quality issues

WESTERN WASHINGTON

Department of Ecology
Northwest Regional Office
(Island, King, Kitsap, San Juan,
Skagit, and Snohomish counties)
3190 160th Ave. SE
Bellevue, WA 98008-5452
425-649-7100

Puget Sound Air Pollution Control Agency
(King, Kitsap, Pierce, and Snohomish counties)
110 Union St., Suite 500
Seattle, WA 98101-2012
Air Pollution Control Officer
206-343-8800
Everett—1-800-552-3565

Northwest Air Pollution Authority
(Island, Skagit, and Whatcom counties)
302 Pine St., #207
Mount Vernon, WA 98273-3852
Air Pollution Control Officer
360-428-1617
1-800-622-4627

Olympic Air Pollution Control Authority
(Clallam, Grays Harbor, Jefferson, Mason,
Pacific, and Thurston counties)
909 Sleater Kinney Rd. SE, #1
Lacey, WA 98503-1128
Air Pollution Control Officer
360-438-8768

Southwest Air Pollution Control Authority
(Clark, Cowlitz, Lewis, Skamania, and
Wahkiakum counties)
1308 NE 134th St.
Vancouver, WA 98685-2747
Air Pollution Control Officer
360-574-3058

EASTERN WASHINGTON

Department of Ecology
Central Regional Office
(Benton, Chelan, Douglas, Kittitas,
Klickitat, and Okanogan counties)
106 S. 6th Ave.
Yakima, WA 98902-3387
509-575-2490

Department of Ecology
Eastern Regional Office
(Ferry, Stevens, Pend Oreille, Lincoln,
Adams, Whitman, Asotin, Garfield,
Grant, and Columbia counties)
4601 N. Monroe, Suite 202
Spokane, WA 99205-1295
509-456-3114

Benton–Franklin Counties Clean Air Authority
650 George Washington Way
Richland, WA 99352-4289
Air Pollution Control Officer
509-545-2354

Grant County Clean Air Authority
PO Box 37
Ephrata, WA 98823-0037
Air Pollution Control Officer
509-754-2011

Spokane County
Air Pollution Control Authority
1101 W. College Ave., Suite 403
Spokane, WA 99201-2094
Air Quality Control Officer
509-456-4727

Yakima County Clean Air Authority
County Courthouse
128 N. 2nd St.
Yakima, WA 98901-2631
Air Pollution Control Officer
509-575-4116

FEDERAL

Environmental Protection Agency
Region 10, Mail Stop: AT-082
1200 6th Ave.
Seattle, WA 98101-3188
206-553-1275

Environmental Protection Agency
Operations Office
c/o Department of Ecology
PO Box 47600
Olympia, WA 98504-7600
360-753-9437