To: *Todd Everts, Legislative Environmental Policy Office (LEPO)*

From: *Mark Simonich, Director, Department of Environmental Quality (DEQ)*

Date: *January 12, 2000*

Subject: *DEQ Information for the Land Use/Environmental Trends Subcommittee*

Senator Bill Chrismore, chairman of the Environmental Quality Council (EQC), sent a letter to directors of state natural resource departments on December 28, 1999, asking them to respond to four questions which would help the council's *Land Use/Environmental Trends Subcommittee* address the study topic of environmental conditions and trends.

DEQ's answers to the questions include:

What environmental data is presently collected by Montana's land use/environmental programs and a description of how valuable that data is in being able to describe conditions and identify environmental trends over time?

DEQ is a large agency, which collects a great deal of scientific and technical information in the course of administering its laws and regulations. Much of the information is focused on specific purposes. Attached are selected references from the *DEQ Handbook.* This will not only provide a description of the programs, it also has a section titled *DEQ Contacts*, which provides an alphabetic listing of subjects, contacts and telephone numbers. The *Contacts* list also cross-references subjects. This enables one to see possible information relationships between various subjects. (Reference electronic attachment).

What environmental indicators have been developed (if any) by the programs and a description of how useful those indicators are in describing conditions and identifying environmental trends?

DEQ programs that gather, review and verify information generally do not develop environmental indicators.

Planning has always been an important part of DEQ. This importance was underscored by the creation of the Planning, Prevention and Assistance Division (PPAD) as one of the principal divisions in the DEQ.

In response to the questions on indicators and trends, Art Compton, administrator of PPAD, provided the following information:

Water Quality

DEQ's biennial 305(b) Water Quality Assessment Report is intended to provide information on statewide water quality conditions and trends. Previously, there was a limited amount of new information on which to make meaningful biennial reassessments. This changed due to two new initiatives:

1) DEQ's recent design and phased implementation of a statewide status and trends monitoring program (which will include fixed-location index stations, random waterbody assessments, and monitoring of "least-impacted" reference waterbodies), and
2) The department's stepped-up TMDL monitoring efforts (including the "list" reappraisal, the required TMDL effectiveness monitoring, the public listing/de-listing petition process, and the intensive monitoring required for TMDL development). When fully implemented, DEQ should be in an excellent position to provide periodic statewide water quality summary information, including: water quality status and time trends at representative index locations; water quality status by major geographic region, including the prevalence, severity and causes/sources of major water quality problem types; and regional benchmark water quality information as a basis for comparison and water quality goal-setting.

Air Quality

DEQ's current State and Local Air Monitoring Network is designed on the basis of suspected problem areas. The department monitors where it expects to get the best information for the money available for monitoring. DEQ hasn't had the luxury of a comprehensive network of fixed index stations due to the high operating costs. However, some stations have been in place for many years and the data are conducive to trends analyses. The department has used these data to show localized air quality "success stories" and to document standards attainment following SIP implementation. There are other options for providing meaningful statewide air quality information to the public, including numbers, locations and status of designated air quality non-attainment areas, frequencies and magnitude of standards excursions for all criteria pollutants based on our current network coverage, and air pollutant emissions information from the Air and Waste Management Bureau's tracking database.

In summary, the DEQ believes it will soon be in a position to provide a meaningful, semi-quantitative biennial statewide air and water quality summary. The DEQ would appreciate the opportunity to explore this matter more thoroughly with EQC.

Whether or not it is possible to narratively or otherwise incorporate a qualitative description of environmental conditions and trends into the biennial compliance and enforcement report to EQC?

Section 75-1-314, MCA, requires DEQ to report on environmental compliance and enforcement. Specifically this information includes data on the regulated community, noncompliances and the department's response to those noncompliances. Enforcement and compliance information focuses on regulatory requirements and does not provide any description of the quality of the environment. An example is that if all of the wastewater discharges were in 100 % compliance with their permits, that can not be used to indicate that streams are not degraded by wastewater.

Section 75-1-314(2), MCA, states, "When practical, reporting required in subsection (1) should include quantitative trend information." It is not possible to incorporate a qualitative description of environmental conditions or trends into the compliance and enforcement report because the report does not contain any environmental data. Enforcement trends can be used to somewhat characterize the level of compliance associated with a particular media or industry, but this analysis can not be translated into any indication of the quality of the environment.

Your agency's recommendations and suggestions for documenting the physical conditions and trends in Montana's environmental resources.

Please reference the second question.

If you have any questions or comments, do not hesitate to call or contact me by e-mail.

cc: Sen. Crismore, chairman EQC

D E Q Handbook

(Selected Information)

What is DEQ?

The Department of Environmental Quality (DEQ) came into existence on July 1, 1995, as the result of Senate Bill 234 passed by the 1995 Legislature. DEQ consists of the environmental programs from the former Department of Health and Environmental Sciences, along with the Energy Division from the Department of Natural Resources and Conservation, and the Reclamation Division in the former Department of State Lands. DEQ has experienced an internal reorganization and has a new structure, new divisions and some new staff. This handbook is designed to guide you through the DEQ.

Key Contact List: area code (406)

Director	**Mark Simonich**	**444-2544**
Deputy Director	**Curt Chisholm**	**444-2544**
Chief Legal Counsel	**John North**	**444-2630**
Administrative Officer	**Tom Ellerhoff**	**444-5263**
Communications Manager	**Dan Rapkoch**	**444-2929**
Personnel Officer	**Brent Rabe**	**444-6717**
Centralized Services Division		
Administrator	**Dave Thorsen**	**444-4256**
Enforcement Division		
Administrator	**John Arrigo**	**444-5327**
Permitting & Compliance Division		
Administrator	**Jan Sensibaugh**	**444-5270**
Planning, Prevention & Assistance Division		
Administrator	**Art Compton**	**444-6697**
Remediation Division		
Administrator	**Sandi Olsen**	**444-3006**
Petroleum Tank Release Compensation Board		

EQC Water Policy Subcommittee
January 20, 2000

Exhibit 4

INTRODUCTION

From the mountains to the plains, Montanans value the special place we call home and we encourage everyone to share the responsibility of protecting our precious asset. The Montana Department of Environmental Quality is responsible for administering state and federal environmental laws and regulations established by the Legislature and Congress to protect our air, land and water, while at the same time offering economic opportunity to the people who live here. DEQ strives to make permitting and regulatory decisions that balance public and private needs and outcomes for the greatest public benefit. The intent of environmental regulations and standards is to protect the public health by preventing serious injury or illness. The DEQ encourages innovative thinking and seeks practical, long-term solutions that serve the public interest and minimize the environmental effect of existing and proposed activities.

The department was created in 1995 in order to streamline the natural resource regulatory functions of state government. The DEQ is organized under functional lines to meet the needs of Montanans.

The Director's Office includes the director's staff, a centralized Legal Unit and a centralized Personnel Unit. The Director's Office is charged with carrying out the administration, management, planning and evaluation of the department's mission and statutory responsibilities. The Director's Office provides legal support, personnel support for agency programs, and is the primary liaison with federal and state agencies. The Director's Office also provides both external and internal public information and communications.

The department is split into five divisions:

The Centralized Services Division is a support element of the DEQ structure. It includes data management, fiscal and accounting, contracts and procurement.

Enforcement: Formal enforcement, inspection, monitoring and training, third-party complaint investigations, and emergency spills.

Permitting and Compliance: Permit issuance and compliance monitoring for projects relating to air, water, public water supplies, solid and hazardous waste, subdivisions, motor vehicle recycling, open cut, hard rock, and coal and uranium mines, and applicable facilities under the Major Facility Siting Act.

Planning, Prevention and Assistance: Planning, policy and standards development relating to air quality State Implementation Plans, water quality, non-point source management, groundwater protection, and solid waste management.

Remediation: Abandoned mine reclamation, hazardous spill cleanup, underground storage tanks and leaking underground storage tanks, Comprehensive Environmental Response, Compensation and Liability Act (federal Superfund), Comprehensive Environmental Cleanup and Responsibility Act (state Superfund).

The goal of each DEQ employee is to have a well-defined regulatory entity that makes sound, understandable decisions, quickly and openly. We encourage your thoughts, or criticisms of the department and how it works for the people of the Treasure State.

Centralized Services Division

The Centralized Services Division provides services to the department in the following areas: central budgeting, accounting, fiscal reporting, internal auditing, procurement, including contracts for services and the purchasing of supplies and equipment, and information technology services. The division works with other state agencies, the Governor's Office, the legislative branch, federal agencies, legislative groups, and the public regarding the fiscal management of the department.

Enforcement Division

The Enforcement Division implements, coordinates and tracks DEQ's enforcement activities. This involves investigating and responding to spills and citizens complaints that allege impacts to human health or the environment.

DEQ has enforcement authority for: emissions affecting air quality, handling and disposal of hazardous wastes, asbestos removal and disposal, coal mining, gravel pits, hard rock mining, construction of large powerlines/pipelines/electrical generation facilities, discharges of pollutants to surface or ground water, disposal of solid wastes, disposal of junk vehicles, subdivision development, community wastewater disposal and public drinking water supplies.

The division has one bureau, the Case Management Bureau.

Permitting & Compliance Division

The Permitting and Compliance Division reviews and assesses all environmental permit and license applications to determine the correct control measures and requirements needed to meet the laws and rules that have been enacted to protect the quality of the state's air, water, and land, and preventing the depletion of its natural resources.

This division prepares the appropriate environmental review documents to comply with the Montana Environmental Policy Act (MEPA). This work includes coordination and preparation of environmental impact statements, ensuring methods and standards are consistent with department policy, and coordination with regulatory programs in the division, the department and other state and federal agencies.

The division also conducts all facility inspections and reviews reports to determine compliance with permit conditions and the laws and regulations. If violations are discovered, the division provides the technical assistance needed to bring the facility back into compliance or prepares an enforcement request for further action by the Enforcement Division.

The Permitting and Compliance Division is organized into the following five bureaus:

- Air and Waste Management
- Community Services
- Environmental Management
- Industrial and Energy Minerals
- Water Protection

Air & Waste Management Bureau ***(406) 444-3490***
Don Vidrine, Bureau Chief

The Air and Waste Management Bureau regulates air pollution, hazardous waste management, and asbestos abatement through permitting and compliance activities.

Bureau activities include:

- Issuing air quality preconstruction and operation permits;
- Inspecting and providing compliance assistance for air emission sources;
- Certifying asbestos abatement contractors;
- Tracking and inspecting asbestos abatement projects;
- Issuing permits for open burning activities;
- Coordinating operation of the Montana Smoke Management Program with the major open burning entities;
- Issuing operating, post-closure, and corrective action permits to hazardous waste treatment, storage, and disposal facilities;
- Inspecting and providing compliance assistance to hazardous waste generators, transporters, and recyclers.

Community Services Bureau ***(406) 444-4400***
Jon Dilliard, Bureau Chief

The Community Services Bureau regulates waste management and public drinking water facilities in Montana. Through reviews, approvals, licensing, certifications, compliance monitoring, training and technical assistance the bureau assures that the environment is adequately protected from the hazards of waste disposal and the public's health is maintained through a safe and adequate supply of drinking water. Additionally, the bureau licenses and regulates motor vehicle wrecking facilities and administers a statewide junk vehicle collection program that protects the scenic beauty of Montana's landscape.

Bureau's activities include:

- Provide technical review and approval of public drinking water and wastewater system design and operational plans;
- Conduct sanitary surveys of public drinking water systems and provide technical assistance to help systems maintain compliance;
- Monitor and oversee required public drinking water system sampling to assure the delivery of safe water to the users of the system;
- Maintain a comprehensive record system for public drinking water sampling results and design and maintenance activities;
- Provide training and certification for operators of drinking water and wastewater systems;
- Provide technical review and licensing of solid waste treatment and disposal facility designs and operational plans;
- Conduct inspections of solid waste management facilities and provide technical assistance to maintain compliance;
- License septic tank pumpers and inspect disposal sites for tank and sump wastes;
- Provide training for owners and operators of solid waste disposal facilities;
- Review and license motor vehicle wrecking facilities and junk vehicle graveyards;

- Conduct inspections at motor vehicle wrecking facilities and junk vehicle graveyards and provide technical assistance to assure compliance;
- Oversee county junk vehicle collection programs and administer a grant to fund the activities of the county programs;
- Provide training and assistance for county junk vehicle program directors.

Environmental Management Bureau *(406) 444-6791*
Warren McCullough, Bureau Chief

The Environmental Management Bureau (EMB) regulates activities governed by the Metal Mine Reclamation Act and the Major Facility Siting Act (MFSA). The EMB coordinates the permitting process for proposed "hard rock" mines and quarries, issues permits when appropriate, inspects permitted mining operations and ensures that disturbed areas are properly reclaimed after mining ends. It also performs environmental reviews for large powerlines, pipelines, conversion and generation faciliites proposed under the MFSA.

Bureau functions include:

- Regulation of Small Miner activities;
- Regulation of exploration for "hard rock" minerals;
- Permit review for proposed gold, silver, copper and other metal mines, including interaction with federal and other state agencies;
- Inspections and compliance assistance at operating "hard rock" mines and quarries;
- Calculation, periodic review and maintenance of reclamation bonds, and ensuring that reclamation is carried out properly after mining operations cease;
- Oversight of construction and operation of major facilities which generate electricity or produce gas derived from coal or liquid hydrocarbons;
- Oversight of large fuel pipelines and large electrical transmission lines; and
- Regulation of exploration for geothermal resources and enrichment of uranium minerals.

Industrial & Energy Minerals Bureau *(406) 444-4970*
Steve Welch, Bureau Chief

The Industrial and Energy Minerals Bureau administers the Montana Strip and Underground Mine Reclamation Act, the Montana Strip and Underground Mine Siting Act, the Montana Opencut Mining Act, and the Montana Environmental Policy Act. The bureau oversees permitting and compliance activities for coal and uranium prospecting, mining, and reclamation, and opencut mining (sand, gravel, bentonite, topsoil, peat, scoria, and clay).

Bureau activities and responsibilities include:

- Responsible for overall administration and regulation of surface and underground coal and uranium prospecting and mining and opencut mining for the entire state;
- Determine completeness and technical adequacy of all coal, uranium, and opencut mine permit applications;
- Conduct multi-disciplined analysis of prospecting and mining applications, amendments, and revisions;
- Calculate and secure the correct bond and amount to ensure completion of reclamation;

- Conduct regular, discipline specific and multi-disciplinary, on-site compliance evaluations of all permitted operations;
- Review and analyze all monitoring data and annual reports for accuracy, completeness and anomalies;
- Coordinate and participate in a variety of technical, public meetings;
- Provide technical assistance and outreach to the mine operators and interested citizens;
- Respond to citizen complaints related to mining of coal and opencut minerals;
- Ensure compliance with applicable regulations;
- Ensure reclamation of those sites on which the bond has been forfeited;
- Coordinate and communicate with inter- and intra-agency personnel and groups to facilitate and ensure efficiency and completeness of actions taken.

Water Protection Bureau *(406) 444-3080*
Bonnie Lovelace, Bureau Chief

The Water Protection Bureau works with Montana's communities, residents, businesses, industries and agencies to safeguard our state's surface and ground water and to ensure that all are in compliance with state and federal regulations and guidelines. To prevent pollution of these precious water resources, the bureau's specialists are responsible for:

- Executing federal and state water quality guidelines and regulations;
- Reviewing activities to determine significance of potential water degradation;
- Investigating reported conditions relating to pollution of state waters;
- Assessing and approving — or disapproving — water and wastewater applications for subdivisions;
- Determining whether potential water pollution from new sources will meet legal requirements;
- Evaluating and issuing permits for discharging into state surface and ground waters (Montana Pollutant Discharge Elimination System or Montana Ground Water Pollution Control System permits);
- Verifying compliance with Section 401 of the federal Clean Water Act, which regulates dredge and fill disposal activities;
- Evaluating applications for short-term exemptions from surface water quality standards (3A authorizations), which may be issued for public health protection, construction, pesticide application, or emergency environmental remediation;
- Inspecting monitoring equipment and/or sampling effluents and reviewing record keeping to ensure compliance with permit limitations;
- Fielding telephone and written requests for information about permitting, compliance and pollution prevention; and
- Advising, consulting and cooperating with other states, other state and federal agencies, affected groups, political subdivisions and industries to prevent pollution and enforce water protection laws and regulations.

Montana Environmental Policy Act (MEPA) Unit

This unit was formed to provide MEPA coordination and support to the bureaus and the division. The unit coordinates MEPA compliance and is responsible for providing the program guidance necessary to effectively manage and track activities within the division. Examples of specific activities include:

- MEPA contracting and EIS coordination;
- MEPA guidance in conjunction with the Director's Office;
- Public involvement guidance;
- Coordination with other state and federal agencies.

Planning, Prevention & Assistance Division

The Planning, Prevention and Assistance Division develops integrated water, air, waste management and energy plans to protect Montana's environmental resources. The division monitors ambient environmental conditions and maintains records and data describing the quality of Montana's environment. The division encourages businesses, local governments and citizens to adopt new products, technologies and practices that avoid environmental damage to the public's resources. It provides financial and technical assistance to overcome market and institutional barriers hindering the implementation of cleaner business, energy utilization and public works practices and the installation of better equipment.

Monitoring & Data Management Bureau (406) 444-4820
Gary Ingman, Bureau Chief

The Monitoring and Data Management Bureau monitors air and water quality conditions and trends statewide, and assesses sources and severity of pollution problems. Bureau staff develop and convey pertinent and reliable information on the condition of Montana's environment to resource managers and the public.

The bureau has responsibility for operation of statewide air and water quality monitoring networks, conducts inventories of pollution sources, identifies impaired streams, lakes and airsheds, and maintains statewide environmental monitoring databases. A variety of technical support services are provided to the department and the public, including assistance in developing comprehensive pollution control plans.

Bureau activities include:

- Operation of statewide air and water quality monitoring networks;
- Water quality assessment of lakes, streams and wetlands;
- Identification of impaired waters and air quality nonattainment areas;
- Air emission inventories, traffic counts and residential wood burning surveys;
- Air quality dispersion, receptor and vehicle emission modeling and analysis;
- Water quality modeling and watershed analysis;
- Air quality permit application reviews and Prevention of Significant Deterioration (PSD) increment tracking;
- Meteorological services and emergency air quality forecasting;
- Operation and maintenance of statewide air and water quality databases;
- Preparation of reports on the condition of Montana's environment;
- Dissemination of monitoring data and assessments through Internet and conventional methods;
- Technical assistance in development of air and water pollution abatement plans (SIPs and TMDLs);
- Monitoring and assessment protocols and training;
- Citizen volunteer water quality monitoring coordination;
- Monitoring equipment maintenance and calibration; and
- Data quality assurance and quality control.

Pollution Prevention Bureau *(406) 444-4643*
Lou Moore, Bureau Chief

The Pollution Prevention Bureau works in the areas of air quality, water quality, land conservation, and energy efficiency with the common theme of finding ways to prevent pollution before it occurs. This bureau:

- Assists small businesses to understand, meet, and exceed environmental regulations through site visits, workshops and a toll free hot line 1-800-433-8773. This assistance is free and confidential;
- Delineates sources of water that supply public water supply wells and intakes, and assesses potential risks to these source waters;
- Educates the public and assists communities and other public water suppliers to develop plans that protect the source waters;
- Assists local governments in establishing and supporting local water quality districts;
- Promotes the reduction, reuse, recycling, and composting of wastes, and works to expand the markets to use these wastes productively;
- Researches, develops, demonstrates, and brings to the marketplace new technologies relating to energy efficiency, renewable energy and renewable resources;
- Leads statewide efforts to conserve wetlands for Montana, facilitates a wetlands council, and administers a wetlands grant program;
- Encourages efficient transportation alternatives including infrastructure recommendations and the development and use of alternative fuels and lubricants.

Resource Protection Planning Bureau *(406) 444-6697*
Robert Raisch, Bureau Chief

The Resource Protection Planning Bureau develops and implements management plans for watersheds, airsheds and energy. The bureau cooperates with the Monitoring and Data Management Bureau to oversee the development of Total Maximum Daily Loads. The bureau also coordinates the department's positions on environmental legislation, proposed rules and policies; develops environmental protection criteria, standards and rules; and provides economic modeling and analysis.

Bureau activities include:

- Outreach and education for nonpoint sources of water pollution;
- Identification and deployment of "Best Management Practices" for nonpoint sources of water pollution;
- Development of management plans for nonpoint sources of water pollution;
- Development of "Total Maximum Daily Loads (TMDLs)";
- Development of water quality criteria, classifications, and standards;
- Evaluation and proposal of site-specific and temporary water quality standards;
- Outreach and education on the health and environmental effects of water pollution;
- Reviewing and implementing plans for deregulating the electricity industry;
- Development of the state energy emergency contingency plan;
- Reviewing and recommending changes to utility integrated electric and natural gas resource plans;
- Economic modeling and analysis;
- Evaluation of the environmental benefits of proper transportation and land use planning;

- Development of a greenhouse gas emission reduction strategy;
- Preparation of "State Implementation Plans (SIPs)" for air quality non-attainment areas;
- Reviewing federally funded highway and other projects for conformity with the "State Implementation Plan (SIP)";
- Development of air quality standards and rules;
- Outreach and education on the health and environmental effects of air pollution;
- Strategic planning for the department;
- Coordination and integration of environmental protection policies and rules;
- Coordination of agency positions on environmental legislation, policies, rules and standards;
- Monitoring federal and state environmental legislation and rulemaking; and
- Development of ecosystem and regional integrated environmental plans.

Technical & Financial Assistance Bureau (406) 444-6697

Tom Livers, Bureau Chief

The Technical and Financial Assistance Bureau helps communities with infrastructure financing through loans for construction and improvement of drinking water and wastewater systems, and for energy retrofits to hospitals and public buildings. The bureau also promotes environmental protection and public health through technical assistance, education and outreach regarding energy efficiency and radon in public and commercial facilities. Another major emphasis is facilitating communication between the department and local governments regarding relevant environmental regulatory issues, and assisting local governments in addressing energy and environmental protection needs.

Bureau activities include:

- Technical and financial assistance to state and federal agencies, school districts and hospitals to improve energy efficiency in their facilities;
- Partnerships with local governments and the private sector to realize cost savings and to reduce energy use in buildings through efficiency improvements;
- Technical and financial assistance to communities, water and sewer districts through low-interest loans for drinking water and wastewater system construction and improvement and for related water pollution control projects;
- Training and technical assistance to water and wastewater treatment operators, water and sewer districts and communities;
- Engineering review of drinking water system improvements necessary to ensure safe, reliable, high quality water supplies;
- Public education regarding the health risks of radon gas and on methods for reducing the risks of exposure to radon;
- Training for architects, engineers, utility professionals, builders and building code officials in energy efficient design, energy codes, building practices and materials; and
- Communication between the department and local governments regarding relevant environmental regulatory issues, and local government assistance in addressing energy and environmental protection needs.

Remediation Division

The Remediation Division oversees investigation and cleanup activities at state and federal Superfund sites; reclaims abandoned mine lands; regulates, permits, and licenses underground storage tanks (USTs); implements corrective actions at sites with leaking USTs (LUSTs); and oversees groundwater remediation at sites where agricultural chemical spills, petroleum spills, or other improper placement of wastes have caused groundwater contamination. The purpose of all these activities is to protect human health and the environment, to prevent potential exposure to hazardous or deleterious substances that have been released to soil, sediment, surface water, or groundwater, and to ensure compliance with applicable state and federal regulations.

Remediation activities include: (1) characterizing the nature and extent of contamination, identifying the affected media and environmental impacts, and evaluating remedial alternatives and associated costs; (2) selecting, designing, and implementing remedial actions; (3) involving local governments and the public in cleanup actions, including coordination through technical and citizens advisory committees; (4) providing the legal framework for responsible parties to conduct cleanups; and (5) funding reasonable and necessary cleanups of petroleum releases for parties determined eligible by the Petroleum Tank Release Compensation Board (PTRCB). For some sites, the division retains independent technical experts to support the decision-making process, and engineering consultants and construction contractors for investigation, remediation, and construction work. The division regulates USTs to prevent leaks by specifying design standards for them, reviewing installation plans, and issuing permits and licenses.

Hazardous Waste Site Cleanup Bureau *(406) 444-1420/5970*

Mike Trombetta, Bureau Chief

The Hazardous Waste Site Cleanup Bureau oversees the investigation and cleanup of sites contaminated by hazardous materials and petroleum released by industrial and commercial operations other than mining. The bureau is responsible for remediation of soil or groundwater contamination resulting from chemical spills, releases of hazardous or solid wastes and petroleum releases. The bureau implements eight federal and state laws:

- Resource Conservation and Recovery Act (RCRA) Subtitle I (federal Underground Storage Tank Act);
- Comprehensive Environmental Response, Compensation and Liability Act (CERCLA, or federal Superfund program);
- Montana Underground Storage Tank Act;
- Montana Petroleum Storage Tank Cleanup Act;
- Comprehensive Environmental Cleanup and Responsibility Act (CECRA, or state Superfund program);
- Montana Voluntary Cleanup and Redevelopment Act (VCRA);
- Montana Water Quality Act (WQA).

Mine Waste Cleanup Bureau *(406) 444-1420*

Vic Andersen, Bureau Chief

The Mine Waste Cleanup Bureau is responsible for administering and overseeing remedial actions at historical mine sites, and ore-transport and processing facilities. The work includes implementation of parts of the state's non-regulatory program to reclaim land affected by abandoned mines. The bureau also implements provisions of the federal Comprehensive Environmental Response, Compensation and Liability Act (CERCLA, or federal Superfund program) and the Montana Comprehensive Environmental Cleanup and Responsibility Act (CECRA, or state Superfund program). The bureau contracts with technical consultants,

university researchers, and construction contractors for field studies, remedial design and other remedial work.

Technical Services Bureau *(406) 444-5970*
Jim Hill, Bureau Chief

The Technical Services Bureau implements the Underground Storage Tank (UST) Leak Prevention Program, including oversight of UST system inspections performed by private sector inspectors, permitting of UST installations, modifications and removals, and providing grants to local governments for UST- related education, outreach and compliance assistance.

The bureau makes recommendations to the Petroleum Tank Release Compensation Board regarding eligibility for reimbursement of cleanup and third party damage costs from the Petroleum Tank Release Cleanup Fund, and processes claims for reimbursement from the fund.

In coordination with the Centralized Services Division, the bureau plans, implements and manages electronic information systems and coordinates the development of Internet and geographic information systems for the Remediation Division.

Petroleum Tank Release Compensation Board

The Petroleum Tank Release Compensation Board administers the Petroleum Tank Release Cleanup Fund. The fund was created to:

- Protect public health and safety and the environment by providing prompt detection and cleanup of petroleum tank releases;
- Reimburse owners and operators for eligible costs caused by a release from a petroleum storage tank and approved by the Board;
- Assist certain tank owners and operators in meeting financial assurance requirements under state and federal law governing releases from petroleum storage tanks; and
- Provide tank owners with incentives to improve petroleum storage tank facilities in order to minimize the likelihood of accidental releases.

Petroleum Tank Release Compensation Board
July 1999

GARY BASSO	Ofc.	245-6511	Term ends: 6/30/2001
P. O. Box 30638	Home:	248-4181	Fax: 245-9887
Billings, MT 59107	Position: Representative of the insurance industry		
MARY ANN SHARON	Ofc.	683-2393	Term ends: 6/30/2000
P. O. Box 1257	Home:	683-2648	Fax:
Dillon, MT 59725	Position: Representative of the general public		
LINDA COCKHILL	Ofc.	442-4663	Term ends: 6/30/2002
P. O. Box 6013	Home:		Fax:
Helena, MT 59604	Position: Rep. of financial/banking industry		
LEE BRUNER	Ofc.	497-1200	Term ends: 6/30/2002
P. O. Box 2000	Home:		Fax:
Butte, MT 59702	Position: Attorney		
BURL FRENCH	Ofc.	744-4343	Term ends: 6/30/2001
P. O. Box 94	Home:		Fax:
Kalispell, MT 59903	Position: Rep. of petroleum services industry		
TIM HORNBACHER	Ofc.	442-0540	Term ends: 6/30/2000
1721 Cedar	Home:	458-9845	Fax: 442-0540

Helena, MT 59601	Position: Rep. of service station dealers
DALLAS HERRON P. O. Box 9200 Kalispell, MT 59904	Ofc. 755-6611 Term ends: 6/30/2001 Home: 752-7456 Fax: 756-0061 Position: Rep. of independent petroleum marketers and chain retailers

Montana's Laws Administered by DEQ

82-4-205, -239, -240, -242,-323, -341, -357, -371, -372, -424, -423, -424, -426, -445, -446, MCA
Abandoned Mine Reclamation

80-15-101, *et seq.*, MCA
Agricultural Chemical Groundwater Protection Act

90-4-101, *et seq.*, MCA
Alternative Energy Grant and Loan Program

75-2-501, *et seq.*, MCA
Asbestos Control Act

90-4-601, *et seq.*, MCA
Building Energy Conservation Program

75-2-101, *et seq.*, MCA
Clean Air Act of Montana

75-10-701, *et seq.*, MCA
Comprehensive Environmental Cleanup and Responsibility Act (CECRA)
(state Superfund Program)

75-10-601, *et seq.*, MCA
Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)
(state participation in federal Superfund Program)

75-6-201, *et seq.*, MCA
Drinking Water State Revolving Fund Act

90-4-1001, *et seq.*, MCA
Energy Policy--Goal and Development Process

90-4-301, *et seq.*, MCA
Energy Supply Emergency Powers Act

75-1-101, *et seq.*, MCA
Environmental Policy Act

75-10-451, MCA
Halogenated Solvent Users Registration

75-10-401, *et seq.*, MCA
Hazardous Waste Act

75-10-1001, *et seq.*, MCA
Infectious Waste Management Act

75-10-801, *et seq.*, MCA
Integrated Waste Management Act

75-20-101, *et seq.*, MCA
Major Facility Siting Act

75-10-901, *et seq.*, MCA
Megalandfill Siting Act

82-4-301, *et seq.*, MCA
Metal Mine Reclamation Act

75-10-501, *et seq.*, MCA
Motor Vehicle Recycling and Disposal Act

82-4-401, *et seq.*, MCA
Opencut Mining Act

75-11-301, *et seq.*, MCA
Petroleum Storage Tank Cleanup

75-6-101, *et seq.*, MCA
Public Water Supply Act

76-4-101, *et seq.*, MCA
Sanitation in Subdivisions Act

75-10-1201, *et seq.*, MCA
Septic Disposal

75-10-201, *et seq.*, MCA
Solid Waste Management Act

82-4-201, *et seq.*, MCA
Strip and Underground Mine Reclamation Act

82-4-101, *et seq.*, MCA
Strip and Underground Mine Siting Act

75-11-501, *et seq.*, MCA
Underground Storage Tank Act

75-11-201, *et seq.*, MCA
Underground Storage Tank Installer Licensing and Permitting Act

75-10-730, *et seq.*, MCA
Voluntary Cleanup and Redevelopment Act

75-1-1201, *et seq.*, MCA
Voluntary Environmental Audit Act

75-5-1101, *et seq.,* MCA
Water Pollution Control State Revolving Fund Act

75-5-101, *et seq.*, MCA
Water Quality Act

37-42-101, *et seq.,* MCA
Water Treatment Plant Operators Act

Federal Laws

Following is a list of federal statutes that govern certain environmental programs and activities administered by the DEQ.

15 U.S.C. 2641, *et. seq.*
Asbestos Hazard Emergency Response Act

42 U.S.C. 7401, *et. seq.*
Clean Air Act

33 U.S.C. 1251, *et. seq.*
Clean Water Act

42 U.S.C. 9601, *et. seq.*
Comprehensive Environmental Response, Compensation,
and Liability Act
(federal Superfund Program)

42 U.S.C. 6321, *et. seq.*
Energy Policy and Conservation Act

42 U.S.C. 6901, *et. seq.*
Resource Conservation and Recovery Act
(hazardous waste, municipal solid waste, underground storage tanks)

42 U.S.C. 300h, *et. seq.*
Safe Drinking Water Act

30 U.S.C. 1201, *et. seq.*
Surface Mining Control and Reclamation Act
(coal mining)

Board of Environmental Review

The Board of Environmental Review (BER) is composed of seven members appointed by the governor. The members must be representative of the geographic areas of the state. The membership must include persons who have expertise or backgrounds in the following areas: law, hydrology, local government planning, and environmental sciences. One person must either be a county health officer or a medical doctor.

The BER is both a quasi-legislative and quasi-judicial board. Its duties include rulemaking and determining appeals of department decisions.

Membership List

May 1999

JOE GERBASE, CHAIRMAN P.O. Box 849 Billings, MT 59103	Ofc. Home	248-2611 656-6248	Term Ends: 12/31/2000 Local Government Planning
SUSAN KIRBY BROOKE 208 James Avenue Bozeman, MT 59715	Ofc. Home	539-8135 539-8135	Term Ends: 12/31/2001 Public Member
RUSSELL HUDSON 8250 Farm to Market Road Libby, MT 59923	Ofc. Home	293-5698 293-5698	Term Ends: 12/31/2000 Public Member
KIM LACEY P.O. BOX 534 Glasgow, MT 59230	Ofc. Home	228-2222 228-8128	Term Ends: 12/31/2003 Public Member
ROGER PERKINS 1555 Sage Circle Laurel, MT 59044	Ofc. Home	628-8306 628-8306	Term Ends: 12/31/2000 Hydrologist
JOSEPH RUSSELL 723 5th Avenue East Kalispell, MT 59901	Ofc. Home	758-5828 752-6199	Term Ends: 12/31/2001 County Health Officer
GARON SMITH, Ph.D. 2015 26th Avenue Missoula, MT 59801	Ofc. Home	243-5606 728-4668	Term Ends: 12/31/2000 Scientist

DEQ Contacts

The list of DEQ contacts is divided into five sections: Air Quality; Energy; Mining; Solid and Hazardous Waste; and Water Quality. Entries are arranged alphabetically by topic.

There is extensive cross-referencing to help you find what you are looking for. If you look a topic up and do not find it, try to think of another name by which it might be known (for example, transmission line instead of power line). The person listed as the contact will either find the answer to your question or will refer you to the appropriate person. **Unless otherwise noted, telephone numbers have a 444 prefix.**

If you have suggestions to improve this list, call Nancy McLane at (406) 444-6763.

Air Quality

Asbestos control	John Podolinsky	2690
Automobile emissions	Tom Sanburg	3629
Burning restrictions	Dan Walsh	0285
Carbon monoxide	Debbie Skibicki	7916
Clean Air Act, Montana and Federal		
Ambient air standards	Bob Habeck	7305
Permitting and emission limits	Richard Knatterud	4114
Complaints, investigation, enforcement	Enforcement Division	0379
Compliance assistance	Pat Driscoll	0284
see also *Small Business Assistance*		

Data management		
AIRS – Air Quality Data Management System	Mike Field	5330
AFS – Air Facility Data Management System	Charles Homer	5279
Deicers, chemical	Debbie Skibicki	7916
Emergency response		
Contact DMA, Disaster and Emergency Services		841-3911
Hazardous materials emergency response team		
Emissions, air		
Area-wide, see *Modeling and analysis*		
Industrial sources – asphalt plants, mining, oil and gas wells, refineries, rock crushers	Pat Driscoll	0284
Continuous emissions monitoring (CEM)	Jim Hughes	247-4448
Source inventories, listings	Debbie Linkenbach	2742
Source testing	Tom Franklin	5265
Field offices		
Billings	Jim Hughes	247-4448
Missoula	Karen Wilson	523-4907
Forest fires, contact DNRC, Forestry Division, Missoula		542-4300
Smoke, ambient air quality standards	Bob Habeck	7305
Global warming (greenhouse gas)	Paul Cartwright	6761
Health and environmental impacts of air pollutants	Bob Habeck	7305
Incinerators	Dave Klemp	0286
Hazardous and non-hazardous waste		
Indoor air quality		
Contact Department of Labor and Industry Safety Bureau	Judy Murphy	5267
Industrial sources of air pollutants, see *Emissions*		
Lead, industrial sources	Rich Southwick	3403
Lead paint disposal	Tim Stepp	1517
Methane/landfills	Dave Klemp	0286
see also *ENERGY SECTION*		
Modeling and analysis	John Coefield	5272
Dispersion modeling		
Emissions inventories		
Meteorological analysis		
Monitoring and assessment	Gary Ingman	5320
Montana Air Monitoring Network	Elton Erp	5282
Nitrogen oxides	Debbie Skibicki	7916
Open burning	Dan Walsh	0285
Smoke Management Program		
Smoke management hotline – open burning daily restrictions (operates September 1 through November 30)		1-800-225-6779
Oxygenated fuel	Debbie Skibicki	7916
Ozone	Debbie Skibicki	7916
Particulates – road dust, wood stoves, tailpipe emissions, industrial	Debbie Skibicki	7916
Permit fees	Nancy Jones	5295
Permits	Richard Knatterud	4114
Facilities or equipment that contribute to air pollution		

Preconstruction	Dave Klemp	0286
Operating	Angelia Haller	1472
New Source Review in Non-attainment Areas	Dave Klemp	0286
Open burning	Dan Walsh	0285
Prevention of Significant Deterioration (PSD)	Dave Klemp	0286
Small business, air quality permit	Karen Ekstrom	2960
Planning, see *State Implementation Plans*		
Pollution prevention	Louise Moore	6749
Prescribed burning, see *Forest fires*		
Radon hotline		1-800-546-0483
Reformulated gasoline	Debbie Skibicki	7916
Regional haze	Debbie Skibicki	7916
Road dust	Debbie Skibicki	7916
Rules, see *Standards and rules*		
Small business air quality assistance – dry cleaners, auto body shops, chrome platers, small manufacturers, etc.	Karen Ekstrom	2960
Small business assistance hotline		1-800-433-8773
Smoke Management Program, see *Open Burning*		
Smoke School	Nancy Jones	5295
Snowmobile emissions	Howard Haines	6773
Standards and rules, state/federal	Charles Homer	5279
State Implementation Plans (SIPs)	Debbie Skibicki	7916
Area-specific plans		
Standards compliance, Federal		
Sulfur dioxide, industrial sources	Rich Southwick	3403
Transportation and land-use effects	Paul Cartwright	6761
	Marla Larson	6832
Vehicle emissions	Tom Sanburg	3629
Visibility	Debbie Skibicki	7916
Wood stoves – emissions, regulations, surveys	Tom Sanburg	3629
see also *ENERGY SECTION*		

Energy

Alternative fuels development	Howard Haines	6773
Biomass energy	Howard Haines	6773
Agriculture based fuels and lubricants		
Wood and animal manure wastes		
Building codes training and assistance	Brian Green	6768
Buildings, energy-efficiency programs		
Design, construction, training – homes, businesses	Brian Green	6768
Retrofit financing, technical assistance, commissioning – schools, health care facilities, local, state, and federal buildings	Georgia Brensdal	6750
Coal		
Planning, policy, supply, demand		
see also *MINING SECTION*		
Coal-fired electric power plants (large facilities)	Tom Ring	6785
Environmental review		
Siting and construction		

Cogeneration		
Biomass fired and combined cycle	Howard Haines	6773
Deregulation, electric and natural gas	Alan Davis	6756
Education	Kathi Montgomery	6778
Electrical generation facilities, large		
See *Coal-fired, Cogeneration, Hydroelectric, Wind*		
Electromagnetic fields, health effects	Art Compton	6697
Emergency planning		
Electricity shortages	Alan Davis	6756
Petroleum shortages	Paul Cartwright	6761
Emergency response		
Contact Disaster and Emergency Services		841-3911
Hazardous materials emergency response system		
Energy minerals, see *MINING SECTION*		
Ethanol fuel	Howard Haines	6773
Facility siting	Tom Ring	6785
Fuel cells	Maria Larson	6832
Gasohol, see *Ethanol fuel*		
Geothermal	Georgia Brensdal	6750
Hydroelectric power plants (large-scale)	Tom Ring	6785
Dam licensing/relicensing (FERC)		
Avista Corp. (WWP)	Tom Ring	6785
MPC Madison-Missouri	Nancy Johnson	6797
Environmental review	Tom Ring	6785
Siting and construction	Tom Ring	6785
Water rights permits, projects on state-owned		6601
lands, contact DNRC, Water Resources Div.		
Hydrogen, see *Alternative fuels development*		
Industrial technologies, energy-efficient	Ron Kainu	6752
Lighting, energy-efficient	Ron Kainu	6752
Low-income home weatherization, contact DPHHS	Jim Nolan	447-4260
Major Facility Siting Act (MFSA)	Tom Ring	6785
Methane exploration, production, regulation		
contact DNRC, Oil and Gas Division, Billings Headquarters		656-0040
Natural gas, see *Petroleum*		
Oil, see *Petroleum*		
Petroleum	Paul Cartwright	6761
Monitoring Program		
Planning, policy, supply, demand		
Violation escrow (PVE)	Ann Danzer	6755
Also contact DNRC, Oil and Gas Division		6675
Billings headquarters		656-0040
see also *SOLID AND HAZARDOUS WASTE SECTION*		
Photovoltaics	Clay White	6780
Pipelines, large	Tom Ring	6785
Environmental review		
Siting and construction		
Spills/leaks, see *Emergency response*		
Policy, planning, legislation, rulemaking	Alan Davis	6756
Power lines, see *Transmission lines*		
Recycling programs	Juliann Livingston	5307

see also *SOLID AND HAZARDOUS WASTE SECTION*		
Renewable energy, see *Biomass, Geothermal, Solar, Wind*		
Restructuring, electric and gas	Al Davis	6756
Siting and construction of large transmission lines, pipelines, and electric generation facilities (MFSA)	Tom Ring	6785
Snowmobiles, energy-efficient	Howard Haines	6773
Solar	Clay White	6780
Statistics	Paul Cartwright	6761
Transmission lines, large	Tom Ring	6785
Environmental review		
Siting and construction		
Transportation, energy-efficient		
Alternative fuels development	Howard Haines	6773
Transportation demand management	Paul Cartwright	6761
	Marla Larson	6832
Utility planning, electric and gas	Alan Davis	6756
Weatherization, see *Buildings – Energy-efficiency programs, Low-income home weatherization*		
Wind		
Environmental review (large projects)	Tom Ring	6785
Resource data and site analysis	Paul Cartwright	6761
Siting and construction	Tom Ring	6785
Wood stoves, energy-efficient	Howard Haines	6773
see also *AIR QUALITY SECTION*		

Mining

Abandoned mine reclamation, see *SOLID AND HAZARDOUS WASTE SECTION*	Vic Andersen	4972
Coal and uranium mining, prospecting, and reclamation	Steve Welch	4964
Field office – Billings (permit compliance)	Steve Regele	247-4433
MEPA compliance	Neil Harrington	4973
Mine data	Claudia Furois	4968
Permits	Neil Harrington	4973
Complaints, investigation, enforcement	Enforcement Division	0379
Billings	Rob Foster	247-4452
Hard rock mining – gold, copper, silver, platinum, precious gems, and other hard rock minerals	Warren McCullough	6791
Mine data	Pat Plantenburg	4960
Montana Environmental Policy Act (MEPA)		
Environmental impact statement coordination		
Records Management		
Technical review	Warren McCullough	6791
Permits		
Exploration license (hard rock and placer)	Scott Spano	4955
Operating/Milling/Reprocessing	Pat Plantenburg	4960
Small miners exclusion	Pete Strazdas	4962
Other permits	Warren McCullough	6791
Leases on state land, contact DNRC, Minerals Management Bureau	Barbara Hamburg	4561
Mine safety, contact Dept. of Labor and Industry,		6401

Safety Bureau		
Mining claims on federal lands, contact nearest BLM or Forest Service office		
Opencut mining – sand, gravel, bentonite, topsoil, peat, scoria, and clay	Steve Welch	4964
Field Offices		
Billings – Eastern region	Mark Carlstrom	247-4436
Kalispell – Western region	Rod Samdahl	755-8985
Opencut mining - *continued*		
MEPA compliance	Jerry Burke	4966
Mine data	Toni Meyering	3920
Permits, reclamation contract	Jerry Burke	4966
Superfund mine waste cleanup, see *SOLID AND HAZARDOUS WASTE SECTION*		
Uranium, see *Coal and uranium mining*		

Solid and Hazardous Waste

Abandoned/Inactive mine site cleanup	Vic Andersen	4972
Animal waste	Tim Byron	1454
Asbestos control, see *AIR QUALITY SECTION*		
Batteries (car and household)	Pat Crowley	5294
Boilers and industrial furnaces	Mark Hall	4096
Complaints, investigation, enforcement	Enforcement Division	0379
Community right-to-know – hazardous substances	Tom Ellerhoff	5263
Composting	Pat Crowley	5294
Construction and demolition waste	Tim Stepp	1517
Disposal facilities		
Hazardous waste	Becky Holmes	2876
Non-hazardous, see *Landfills, Landfarms, Composting*		
Emergency response		
Contact DMA, Disaster and Emergency Services		841-3911
Hazardous materials emergency response system		
Fluorescent lights		
Disposal	Bob Reinke	1435
Recycling	Laura Nicolai	9897
Freon		
Solvent	Bob Reinke	1435
Refrigerant		
contact U.S. EPA	Betsy Wahl	441-1130
Glass recycling	Laura Nicolai	9897
Hazardous substance cleanup	Mike Trombetta	5977
Agricultural chemicals – pesticides/herbicides,		
contact Department of Agriculture	Steve Baril	3730
DEQ contact	Carolyn DeMartino	5343
Groundwater sites – non-permitted	Carolyn DeMartino	5343
Inactive mine sites	Vic Andersen	4972
Industrial or commercial chemicals	Mike Trombetta	5977
Petroleum storage tank leaks	Jeff Kuhn	5976
see also *Superfund sites*		

Hazardous waste		
Generators, transporters, and recyclers	Bob Reinke	1435
Treatment, storage, and disposal facilities	Becky Holmes	2876
Household hazardous waste	Laura Nicolai	9897
Incinerators, see *AIR QUALITY SECTION*		
Industrial waste		
Hazardous	Bob Reinke	1435
Non-hazardous	Tim Stepp	1517
Integrated solid waste management	Laura Nicolai	9897
Junk Vehicle Program	Darrell Stankey	3048
Junkyards (any type of scrap material)	Darrell Stankey	3048
Also contact MDT, Right-of-way Bureau	Greg Hahn	6071
Landfarms	Andrea Vickory	1808
Landfills		
Licensing	Rick Thompson	5345
Regulations	Pat Crowley	5294
Lead paint disposal	Tim Stepp	1517
Leaking underground storage tanks, see *Underground storage tanks*		
Medical waste	Rick Thompson	5345
Mine waste, see *Abandoned/Inactive mine site cleanup, Superfund sites*		
Motor oil, used		
Disposal	Ken Platt	2874
Reuse/recycle	Laura Nicolai	9897
Motor vehicle wrecking facilities	Darrell Stankey	3048
Also contact Dept. of Justice, Motor Vehicle Division		4536
Also contact local government agencies for zoning ordinances		
Paper recycling	Juliann Livingston	5307
Pesticides/herbicides		
Application, disposal, contact Dept. of Agriculture	Steve Baril	3730
Contamination, cleanup	Steve Baril	3730
DEQ contact	Carolyn DeMartino	5343
Petroleum releases	Jeff Kuhn	5976
Petroleum Tank Release Compensation Fund	Paul Hicks	0936
Pollution prevention	Louise Moore	6749
Recycling programs	Juliann Livingston	5307
Septic disposal	Pat Crowley	5294
Solid waste reduction, reuse, and recycling programs	Juliann Livingston	5307
Spills/leaks, see *Emergency response*		
Superfund hotline		1-800-246-8198
Superfund Program		
Federal (CERCLA)		
Mine sites	Vic Andersen	4972
Non-mine sites	Denise Martin	0488
State (CECRA)	Denise Martin	0488

Brownfields	Aimee Reynolds	0492
Site list	Brenda Harpring	5974
Voluntary cleanup	Aimee Reynolds	0492
Tires, waste		
Disposal	Rick Thompson	5345
Reuse/recycle	Laura Nicolai	9897
Toxic Release Inventory	Tom Ellerhoff	5263
Underground Storage Tanks (UST)	Theresa Blazicevich	0493
Leak prevention		
Licensing UST installers/removers/inspectors		
Installation/removal permits		
Registering UST/inspections		
Leaking Underground Storage Tanks (LUST)		
Corrective action	Jeff Kuhn	5976
Field office – Billings	Craig Stagner	247-4451
Field office – Kalispell	Marcile Sigler	755-8985
Leak hotline		1-800-457-0568
Lists, UST/LUST sites	Nancy Primo	1420
see also *Petroleum Tank Release Compensation Fund*		
Waste-to-energy	Howard Haines	6773

Water Quality

Notes: Contact the Montana Department of Natural Resources and Conservation, Water Resources Division (444-6601) for information on state water projects, water appropriations, water rights, water reservations, well installation/logs, and floodplain management.

Contact the Montana Department of Fish, Wildlife and Parks, Fisheries Division (444-2449) for information on habitat protection, pollution control, and water resources.

Classification of state waters	Abe Horpestad	2459
Complaints, investigation, enforcement	Enforcement Division	0379
Contamination and cleanup	Carolyn DeMartino	5343
Discharge permits, see *Permits*		
Drinking water, see *Public water supply*		
Emergency response		
Contact DMA, Disaster and Emergency Services		841-3911
Hazardous materials emergency response system		
Groundwater		
Classification	Abe Horpestad	2459
Comprehensive Protection Plan	Louise Moore	6749
Discharge permits, see *Permits*		
List of remediation sites	Carolyn DeMartino	5343
Monitoring and data management, contact MBMG/Butte, Groundwater Information Center	Luke Buckley	496-4336
Pollution prevention	Louise Moore	6749
Remediation	Carolyn DeMartino	5343
Standards	Abe Horpestad	2459
see also *Source water protection, Watershed management*		
Hydroelectric development, see *ENERGY SECTION*		
Impaired waters list (surface water)	Bob Bukantis	4684
Lagoons (domestic, industrial, agricultural)	Tim Byron	1454
Lakes, see *Surface water*		

Monitoring and data management		
see Groundwater, Surface water		
Nondegradation authorizations and determinations	Eric Regensburger	0916
Nonpoint source pollution – agriculture, forestry, mining, etc.	Stuart Lehman	5319
Section 319 NPS grants		
Operator certification, see *Public wastewater systems, Public water supply*		
Permits, licenses, approvals		
Groundwater discharge (MGWPCS)	Fred Shewman	5329
Public wastewater systems		
SRF	Todd Teegarden	5324
Non-SRF	Terry Campbell	5311
Public water supply	Terry Campbell	5311
Section 401 certification		
Dredge and fill	Jeff Ryan	4626
Hydroelectric dams	Abe Horpestad	2459
Storm water discharge		
Construction	John Hernin	3927
Industrial and mining	Brian Heckenberger	5310
Subdivision approvals		
Surface water discharge (MPDES)	Fred Shewman	5329
308 authorization - remediation/pesticides	Jeff Ryan	4626
318 authorization - turbidity	Jeff Ryan	4626
Pesticides/Herbicides		
Application/disposal, contact Department of Agriculture	Steve Baril	3730
Contamination/cleanup	Steve Baril	3730
DEQ contact	Carolyn DeMartino	5343
Pollution, see *Groundwater, Surface water, Emergency response*		
Pollution prevention	Louise Moore	6749
Public wastewater systems		
Operator licensing and certification	Shirley Quick	2691
Operator training and technical assistance	Bill Bahr	5337
	Eric Minneti	4769
Plan review		
SRF projects	Todd Teegarden	5324
Non-SRF projects	Terry Campbell	5311
System improvement loans – SRF	Todd Teegarden	5324
Public water supply		
Bacteriological compliance	Sandi Ewing	5314
Field Office – Billings	Jerry Burns	247-4446
Field Office – Kalispell	Greg Butts	755-8985
General – drinking water quality, contamination, testing		4400
Operator licensing and certification	Shirley Quick	2691
Operator training and technical assistance	Eric Minneti	4769
Plan review		
SRF projects	Mark Smith	5325
Non-SRF projects	Terry Campbell	5311

Sample bottle requests		
contact DPHHS Environmental Laboratory		2642
System improvement loans – SRF	Mark Smith	5325
Technical assistance/water treatment	John Camden	4071
Rivers and streams, *see Surface water*		
Septic tanks and drain fields		
Individual – contact local county health department		
Subdivisions		
Sewer systems, *see Public wastewater systems*		
Source water protection program	Joe Meek	4806
Local Water Quality Districts	James Swierc	5492
	Russell Levens	0471
Source water delineations/risk assessments	James Swierc	5492
Wellhead protection program	Joe Meek	4806
Spills/leaks, see *Emergency response*		
Standards	Abe Horpestad	2459
State Revolving Fund, see *Public water supply, Public wastewater system*		
Wellhead Protection Program	Joe Meek	4806
Wells		
Disinfection	Rick Duncan	3425
Installation/Licensed monitoring well installers, contact DNRC Board of Water Well Contractors	Bob Rudio	6643
Logs, contact Montana Bureau of Mines and Geology	Luke Buckley	496-4336
Wetlands		
Wetland disturbances	Jeff Ryan	4626
Wetlands grants	Lynda Saul	6652
Wetlands Council	Lynda Saul	6652

Acronyms

BER	Board of Environmental Review
BLM	Bureau of Land Management, U.S.
CECRA	Comprehensive Environmental Cleanup and Responsibility Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
DEQ	Department of Environmental Quality, Montana
DMA	Department of Military Affairs, Montana
DNRC	Department of Natural Resources and Conservation, Montana
DPHHS	Department of Public Health and Human Services, Montana
EPA	Environmental Protection Agency, U.S.
FERC	Federal Energy Regulatory Commission
LUST	Leaking underground storage tank
MBMG	Montana Bureau of Mines and Geology
MDT	Montana Department of Transportation
MEPA	Montana Environmental Policy Act
MFSA	Montana Major Facility Siting Act

MGWPCS	Montana Groundwater Pollution Control System
MPDES	Montana Pollution Discharge Elimination System
NRIS	Natural Resource Information System
NRCS	Natural Resources Conservation Service
NPS	Nonpoint source pollution
PSD	Prevention of Significant Deterioration
PTRCB	Petroleum Tank Release Compensation Board
PTRCF	Petroleum Tank Release Cleanup Fund
RCRA	Resource Conservation and Recovery Act
SIP	State Implementation Plan
SRF	State Revolving Fund
TMDL	Total maximum daily load
USFS	Forest Service, U.S.
UST	Underground storage tank
VCRA	Voluntary Cleanup and Redevelopment Act