Resume

William C. Olson
14 Cosmic Way
Lamy, NM 87540
(505) 466-2969

Education

M.S. Hydrology, 1989, NM Institute of Mining and Technology, Socorro, NM
B.S. Geology, 1983, NM Institute of Mining and Technology, Socorro, NM

Boards and Commissions

1991 – 2004, New Mexico Water Quality Control Commission
2005 – 2010, New Mexico Oil Conservation Commission

Employment

William Olson Consulting Services
14 Cosmic Way
Lamy, NM 87540

Title: Owner
Dates Employed: 03/12 – 11/12

Assisted New Mexico Environment Department in development of Copper Mine Rules. Duties included preparing for and leading monthly Copper Rule Technical Committee meetings, preparing for and attending Copper Rule Advisory Committee meetings, conducting outreach with the mining industry and other government agencies and stakeholders for input on the content of proposed rules, reviewing regulations of other states, and assisting in the preparation of Department drafts incorporating stakeholder comments.

NM Environment Department
Ground Water Quality Bureau
1190 St. Francis Drive
Santa Fe, NM 87505

Title: Bureau Chief
Dates Employed: 10/04 – present

Supervise and manage environmental regulatory personnel for the Ground Water Quality Bureau including the Mining Environmental Compliance Section, Pollution Prevention Section, Remediation Oversight Section, Superfund Oversight Section, and Grants and Planning Section. Serve as a commissioner on the Oil Conservation Commission as a designee of the Secretary of the Energy, Minerals, and Natural Resources Department. Supervise fiscal management of budgets. Direct and

approve permitting and enforcement of discharge plans, and investigation and abatement of contaminated soil and ground water pursuant to the New Mexico Water Quality Act and New Mexico Water Quality Control Commission (WQCC) regulations; investigation and remediation of contaminated properties pursuant to the Voluntary Remediation Act (VRA) and Voluntary Remediation Regulations; investigation and remediation of abandoned sites in support of the U.S. Environmental Protection Agency (EPA) Superfund Program, and implementation of the New Mexico Environment Department's (NMED) responsibilities under the New Mexico Mining Act. Develop and write rules and regulatory language and guidelines. Conduct, lead and participate in public and industry regulatory work groups and meetings. Coordinate activities and actions with state, federal and local governmental organizations. Testify as an expert witness at regulation and rule making hearings. Testify as an expert witness at permitting and enforcement hearings. Represent NMED at public meetings and conferences. Interpret federal and state rules and regulations. Communicate with and advise industry and the public on laws, rules, regulations and procedures, and their interpretation.

NM Energy, Minerals & Natural Resources Dept.
Oil Conservation Division
Environmental Bureau
1220 St. Francis Dr.
Santa Fe, NM 87505

Title: Senior Hydrologist
Dates Employed: 11/97 – 10/04

Implement environmental regulatory permitting and enforcement programs under the New Mexico Oil & Gas Act, Water Quality Act and Geothermal Act for permitting of discharge plans, and reclamation and abatement of contaminated soil and ground water at oil, natural gas and geothermal facilities. Serve on the New Mexico Water Quality Control Commission as designee for the Director of the OCD. Supervise and review hydrological, geological and engineering work products of 3 Bureau staff. Train district staff in permitting and enforcement of rules, regulations and guidelines, sample collection and inspections. Develop and write rules and regulatory language and guidelines for environmental permitting. Conduct, lead and participate in public and industry regulatory work groups and meetings. Coordinate activities and actions with state, federal and local governmental organizations. Testify as an expert witness at regulation and rule making hearings. Develop, write and evaluate pricing agreements and contracts for soil and ground water remediation, and laboratory analytical services. Direct and supervise contractors on state funded investigations of ground water contamination under the Oil & Gas Reclamation Fund. Oversee, manage, develop, evaluate, write, issue and enforce environmental permits for the protection of ground water and surface water, and soil and ground water remediation and abatement plans. Negotiate technical engineering controls and hydrogeological issues on soil and ground water remediation permits and plans with industry, environmental groups, governmental agencies, consultants and private landowners. Testify as an expert witness at OCD and New Mexico Oil Conservation Commission permitting and enforcement hearings. Evaluate, conduct and supervise analyses of hydrological, geological, engineering and chemical data, and engineering controls for technical adequacy and feasibility on environmental permits, and for abatement of soil and ground water pollution. Perform and supervise field inspections, water and waste quality sampling and other field tests to ensure compliance with applicable permits, rules, orders and regulations. Respond to public complaints and concerns of ground water and soil contamination. Conduct and supervise soil, water, effluent and waste quality sampling for field and laboratory analysis. Represent the OCD at public meetings and conferences. Write and present papers on technical and environmental regulatory issues at conferences. Interpret federal and state rules and regulations. Communicate with and advise industry and the public on laws, rules, regulations and procedures, and their interpretation.

NM Energy, Minerals & Natural Resources Dept.
Oil Conservation Division
Environmental Bureau
1220 St. Francis Dr.
Santa Fe, NM 87505

Title: Geologist 4
Dates Employed: 6/92 – 11/97

Implement and enforce environmental regulatory programs under the New Mexico Oil & Gas Act, Water Quality Act and Geothermal Act for permitting of discharge plans, and reclamation and abatement of contaminated soil and ground water at oil, natural gas and geothermal facilities. Serve on the New Mexico Water Quality Control Commission as designee for the Director of the OCD. Develop and write rules and regulatory language and guidelines for environmental permitting. Conduct, lead and participate in public and industry regulatory work groups and meetings. Coordinate activities and actions with state, federal and local governmental organizations. Testify as an expert witness at regulation and rule making hearings. Train district staff in permitting and enforcement of rules, regulations and guidelines, sample collection and inspections. Oversee, manage, develop, evaluate, write, issue and enforce environmental permits for the protection of ground water and surface water, and soil and ground water remediation and abatement plans. Negotiate technical engineering controls and hydrogeological issues on soil and ground water remediation permits and plans with industry, environmental groups, governmental agencies, consultants and private landowners. Testify as an expert witness at OCD and New Mexico Oil Conservation Commission permitting and enforcement hearings. Evaluate, conduct and supervise analyses of hydrological, geological, engineering and chemical data, and engineering controls for technical adequacy and feasibility on environmental permits, and for abatement of soil and ground water pollution. Conduct and supervise field inspections, and soil, water and waste quality sampling and other field tests to ensure compliance with applicable permits, rules, orders and regulations. Respond to public complaints and concerns of ground water and soil contamination. Represent the OCD at public meetings and conferences. Write and present papers on technical and environmental regulatory issues at conferences. Interpret federal and state rules and regulations. Communicate with and advise industry and the public on laws, rules, regulations and procedures, and their interpretation.

NM Energy, Minerals & Natural Resources Dept.
Oil Conservation Division
Environmental Bureau
310 Old Santa Fe Trail
Santa Fe, NM 87505

Title: Geologist 3
Dates Employed: 2/90 – 6/92

Implement and enforce environmental regulatory programs under the New Mexico Oil & Gas Act, Water Quality Act and Geothermal Act for permitting of discharge plans, and reclamation and abatement of contaminated soil and ground water at oil and natural gas facilities. Serve on the New Mexico Water Quality Control Commission as designee for the Director of the OCD. Develop and write rules and regulatory language and guidelines for environmental permitting. Conduct, lead and participate in public and industry regulatory work groups and meetings. Coordinate activities and actions with state, federal and local governmental organizations. Testify as an expert witness at regulation and rule making hearings. Train district staff in permitting and enforcement of rules, regulations and guidelines, sample collection and inspections. Oversee, manage, develop, evaluate, write, issue and enforce environmental permits for the protection of ground water and surface water, and soil and ground water remediation and abatement plans. Negotiate technical engineering controls and

hydrogeological issues on soil and ground water remediation permits and plans with industry, environmental groups, governmental agencies, consultants and private landowners. Testify as an expert witness at OCD and New Mexico Oil Conservation Commission permitting and enforcement hearings. Evaluate and conduct analyses of hydrological, geological, engineering and chemical data, and engineering controls for technical adequacy and feasibility on environmental permits, and for abatement of soil and ground water pollution. Conduct field inspections, and soil, water and waste quality sampling and other field tests to ensure compliance with applicable permits, rules, orders and regulations. Respond to public complaints and concerns of ground water and soil contamination. Represent the OCD at public meetings and conferences. Write and present papers on technical and environmental regulatory issues at conferences. Interpret federal and state rules and regulations. Communicate with and advise industry and the public on laws, rules, regulations and procedures, and their interpretation.

NM Environmental Improvement Division
Ground Water Bureau
1190 St. Francis Dr.
Santa Fe, NM 87505

Title: Water Resource Spec 2
Dates Employed: 3/88 – 2/90

Oversee, manage, develop, evaluate, write, issue and enforce environmental permits for soil and ground water remediation, reclamation and abatement under the New Mexico Water Quality Act and Water Quality Control Commission Regulations. Negotiate technical engineering controls and hydrogeological issues on soil and ground water remediation permits and plans with industry, environmental groups, governmental agencies, consultants and private landowners. Train staff in monitor well drilling, monitor well construction and water quality sampling activities. Participate in public and industry regulatory work groups and meetings. Coordinate activities and actions with state, federal and local governmental organizations. Evaluate and conduct analyses of hydrological, geological, engineering and chemical data, and engineering controls for technical adequacy and feasibility for remediation and abatement of soil and ground water pollution. Conduct field inspections, and soil, water and waste quality sampling and other field tests to ensure compliance with applicable permits, rules, orders and regulations. Respond to and investigate public complaints and concerns of ground water and soil contamination. Represent the New Mexico Environmental Improvement Division at public meetings. Write and present papers on technical and environmental regulatory issues at conferences. Interpret federal and state rules and regulations. Communicate with and advise industry and the public on laws, rules, regulations and procedures, and their interpretation. Serve as Quality Assurance Officer and develop and write EPA Quality Assurance/Quality Control plans. Supervise and operate drilling rig for installation of soil borings and ground water monitoring wells.

NM Energy, Minerals & Natural Resources Dept.
Oil Conservation Division
Environmental Bureau
310 Old Santa Fe Trail
Santa Fe, NM 87505

Title: Water Resource Spec. 2
Dates Employed: 9/86 – 3/88

Conducted a hydrogeologic study on the impact of oil and gas waste disposal practices on ground water in the San Juan Basin. Evaluate geologic and hydrologic information submitted with permit applications. Conduct field inspections, and soil, water and waste quality sampling and other field tests

to ensure compliance with applicable permits, rules, orders and regulations. Respond to and investigate public complaints and concerns of ground water and soil contamination. Participate in public and industry regulatory work groups and meetings. Assist and advise industry and the public on laws, rules, regulations and procedures, and their interpretation.

Professional Memberships and Associations

New Mexico Geological Society