

SIN 899-2 – Environmental Compliance Services

- ***Environmental Compliance Audits***
- ***Compliance Management and/or Contingency Planning***
- ***Permitting***
- ***Spill Prevention/Control and Countermeasure Plans***
- ***Pollution Prevention Surveys***



Environmental Compliance Services

Our senior staff members each have over 20 years of experience in environmental compliance services. MCS focuses on helping our clients minimize health and safety risks by outlining best practices for effective compliance and management structures. We have helped a wide variety of clients such as hospitals, school districts, oil refineries, ranches, and parks to develop disposal alternatives. We assist in the assessment of waste alternatives and conduct source identification. Our scientists have considerable experience with compliance issues faced by most industries and good relationships with the regulating agencies.

Our services under this SIN are:

Environmental Compliance Services

MCS personnel perform compliance audits to review and identify federal and state environmental regulations and policies applicable to sites undergoing audits. We conduct field investigations including soil sampling, water sampling, air monitoring, hazardous material testing, wastewater discharge sampling, and groundwater monitoring well installation. MCS has performed many Phase I and Phase II environmental site assessments (ESAs).

Compliance Management and/or Contingency Planning

MCS has provided compliance management services for a variety of facilities throughout the northwestern United States. Our staff is well versed in federal, state, and local regulations including the Clean Water Act (CWA), the Resource Conservation and Recovery Act, the Superfund Amendments and Reauthorization Act, and the Code of Federal Regulations.

Permitting

MCS provides permitting assistance for projects that involve air, water, waste, and land use. We have strong knowledge of all regulations from the local to federal levels and have good relationships with the regulatory agencies. Our staff has considerable experience with assisting our clients through the review and approval process entailed in permit applications.

Spill Prevention/Control and Countermeasure (SPCC) Plans

MCS scientists have conducted numerous SPCC inspections for a variety of clients. Our engineers have designed spill containment structures, investigated sources of hazardous materials, and evaluated alternative waste treatment methods. We work with our clients to develop disposal alternatives that prevent pollution and protect surface water and groundwater.

Pollution Prevention Surveys

MCS has the expertise to ensure compliance with regulations such as the CWA through preparation of permits, stormwater pollution prevention plans, and stormwater monitoring. We work with our clients to develop strategies to reduce or eliminate emissions and assist them with achieving their pollution prevention goals.

Projects

Saint Patrick Hospital and Health Sciences Center

MCS has completed several environmental projects for Saint Patrick Hospital in Missoula, Montana. Projects included an asbestos inspection, abatement design, and air monitoring for an implosion demolition project of the old hospital building. MCS completed three Phase I ESAs as part of their expansion on surrounding properties in the downtown area. One assessment identified two properties that operated gas stations. Subsequent subsurface investigations identified how petroleum releases at each site had impacted the groundwater. MCS currently monitors both sites and is developing a groundwater remediation plan at one site.



Phase I Environmental Site Assessments

Groundwater Assessment and Monitoring

Asbestos Inspection

Abatement Design

Air Monitoring

MCS recently completed a site assessment at a former Montana Department of Transportation/Missoula City Shop property as part of a proposed property transfer. The assessment included advancing 16 borings and installing four groundwater monitoring wells in areas of recognized environmental risk. The assessment also included a random grid sampling protocol on the part of the property which housed a metal recycling facility and tannery. MCS is currently participating in the property negotiation by identifying remediation costs for multiple future use scenarios.



Environmental Assessment
Hazardous Materials
Soil Remediation
Phase I and II Environmental Site Assessments

Bloomfield Farmers Union Oil Company Environmental Facility Management, Farmers Union Oil Company

MCS conducted a remedial investigation for gasoline contamination at this petroleum bulk facility. Work included installing and monitoring 10 groundwater monitoring wells, monitoring and interpreting two dissolved gasoline plumes to determine threats to nearby water supply wells, and recovering of free diesel product from a third release. In addition, we advanced PowerProbe™ test holes, obtained water samples, and analyzed water samples using an on-site, portable gas chromatograph to determine the down gradient extent of the dissolved plumes. Results of the down gradient and existing water quality data were used to develop a risk-based corrective action model for the site. Semiannual monitoring is ongoing. A 24-hour pumping test was performed to develop a conceptual model of the semi-confined aquifer.

Spokane Schools Environmental Services, Spokane School District

MCS provides environmental management and assessment services to support approximately \$180,000,000 of demolition, renovation, and acquisition of school properties in Spokane. We performed hazardous materials inspections for removal of storage containers and/or remediation of releases to the soil and Phase I and Phase II ESAs of a city block slated for acquisition as part of a high school expansion. The site assessments included investigation of a former gas station, dry cleaner, auto body and paint shop, and automotive garage. We also addressed issues related to off-site contamination from tetrachloroethylene.