

Levelton's core service area of the Environment and Energy Division includes Compliance Assurance and Environmental Management Planning. This fulfills a growing business need for companies that are increasingly recognizing the need to control their environmental risks and liabilities. These services apply to large and small commercial and industrial operations in such diverse businesses as boatyards and marinas, ready mix concrete operators, the oil and gas sector and full scale industrial ventures.

Audits and Environmental Compliance

Accordingly, Levelton has developed the capability to conduct environmental compliance audits and develop environmental management systems for parent organizations or third party business interests. For companies operating under Provincial permits or approvals, audits typically focus on regulatory stewardship. For businesses where permits are not required then audits default to Federal legislation and industry codes of practice (COPs) or best management standards as a framework. Levelton has a library of COPs for a wide range of operations applicable to Western Canada. Beyond the obvious, mitigating environmental risk involves not only maintaining a clean stewardship record, but it also requires that management and employees must be keenly aware of their individual environmental responsibilities and that plans must be in place to ensure swift corrective action should the unexpected occur.

Levelton also assists clients with the implementation of environmental management plans. From compliance testing and regulatory submissions to spill response protocols and Gaussian dispersion modeling, our engineers, scientists and technicians have the resources available to cater to a wide range of needs.





Environmental Management Planning

Founded on sound loss management principles a well prepared environmental management plan (EMP) can be used to demonstrate a 'due diligence' defence in the event of legal action resulting from an environmental incident. Levelton has considerable expertise in developing EMPs for its clients. These can be tailor made to suit individual industrial and commercial operations taking into consideration air emissions, releases to land or water and waste disposal as applicable.

An effective EMP incorporates the following elements and objectives:

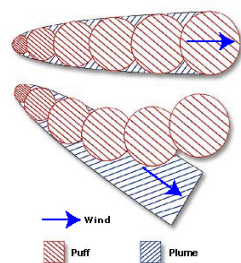
- Documents all environmental responsibilities including permit or approval related emissions limits, monitoring and reporting obligations;
- Specifies controls that the operation has implemented and maintains with the objective of mitigating environmental risk;
- Contains emergency procedures to be followed in the event on environmental upset, spill or release;
- Provides a framework to facilitate compliance auditing and to maintain audit transparency;
- Is founded on the principles of adaptive management. Periodic reviews must be undertaken to accommodate changes and improvements in the operation;
- Is a 'living' document demonstrating the company's ongoing commitment to environmental excellence.



Compliance Monitoring and Environmental Response

Continuous emissions monitoring and measurement of ambient air quality go hand-in-hand with stewardship reporting. Accurate, quality controlled data measured using state of the art equipment are invaluable in demonstrating sound environmental responsibility.

Levelton has a first rate team of technical experts with years of experience in air monitoring and compliance reporting. We can design and implement long term programs, or alternatively execute short term, specific event monitoring, for example in response to flaring or well testing monitoring requirements. Levelton has the staff and equipment to get the job done, quickly and efficiently.



Levelton has a wealth of experience in dispersion modeling which can be used either in a predictive mode, or reactively to track the movement of unlicensed releases and calculate locations of highest ground level concentrations and probability of environmental impact.

Levelton can also develop and implement environmental response programs tailored to meet specific needs. These may include monitoring and dispersion modelling in addition to protocols for quick resolution of a wide spectrum of environmental issues ranging from spills, air releases and odour complaints to any related public or regulatory concerns.