

Crimson has the experience and expertise to design and implement a regulatory compliant emission program to meet your needs.

Regulatory requirements for air emissions compliance are continuously being established to ensure effective air emission management. These regulations and targets aim to reduce air pollutants and minimize related harmful effects. We have established procedures to effectively guide your company through the process to remain compliant with evolving regulations.

ASSESSMENT

MANAGEMENT STRATEGY

PLANNING

MEET TARGET DEADLINES

COMPLIANCE REPORTING

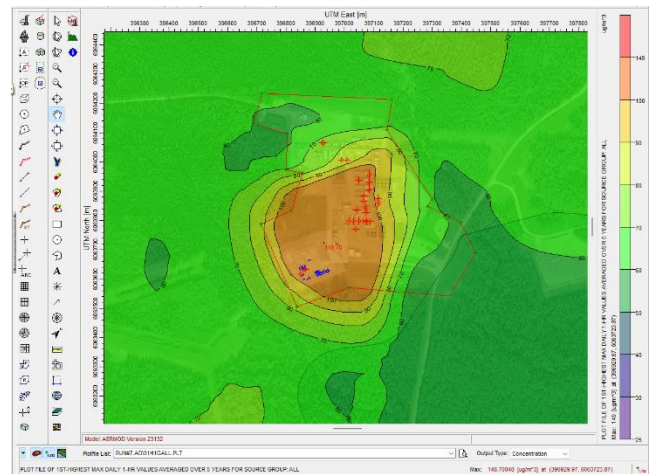
Crimson can assist with air emissions management initiatives and programs outlined below. We will navigate you through existing and new regulations as they are developed, determine if they are applicable to your facilities and implement a management program to meet target timelines.

STACK DESIGN AND DISPERSION MODELLING

Crimson utilizes both AERMOD and CALPUFF models to assist our clients in determination of flare stack design and placement on sites and for air dispersion modelling. The dispersion modelling can be utilized in new or existing projects for permitting, amendments, renewals or for resolution of public complaints.

AERMOD models are the industry accepted model for most air dispersion projects. The model incorporates local terrain effects and meteorological data to predict the air dispersion of several contaminants.

Occasionally it is recommended to utilize CALPUFF model for the dispersion. Our modelers will ensure that your project meets or exceeds regulatory requirements.



EMISSION MANAGEMENT PLANS AND GRANT APPLICATIONS

Crimson assists clients in development, implementation, reviewing and improving systems to meet regulatory requirements. Management plans are an important planning tool to ensure continued compliance with ever changing regulations.

Crimson has assisted clients in developing custom plans around fugitive emissions, methane reductions and GHG quantifications.

These management plans are often required for applications under various grants or initiatives. Crimson regularly updates clients with opportunities for funding in support of early action on regulatory requirements.

Crimson can effectively manage these project from

REGULATORY REPORTING

Crimson is fully fluent in the reporting requirements for the following programs:

- Federal National Pollutant Release Inventory (NPRI)
- Federal Multi-Sector Air Pollutants Regulations (MSAPR)
- Federal Greenhouse Gas Reporting
- Federal Methane Emissions Inventory
- Alberta Methane Emissions Reporting
- Environmental Protection and Enhancement Act (EPEA)
- Alberta Annual Dehydrator Benzene Inventory
- B.C. Ministry of Environment Greenhouse Gas Reporting

Each of these regulatory requirements have specific reporting thresholds and reporting timelines, Crimson works with clients to ensure complete and timely reporting is completed.