



Eclipse Regulatory Compliance Specialists

2009 Information Package

Aligning your regulatory needs



Eclipse Regulatory Compliance Specialists

Eclipse Regulatory Compliance Specialists specializes in oil and gas pipeline, gas gathering and facilities projects.

Eclipse offers regulatory compliance consultation to the oil, gas and industrial sectors. Our team of professionals has in-depth knowledge of regulatory compliance with respect to oil and gas production and processing in the Canadian marketplace.

We have developed comprehensive checklists to address all regulatory application requirements for all types of projects including:

- Well Licensing
- Sweet and Sour Gas Pipelines
- Sour Gas Gathering Systems
- Sweet and Sour Gas Processing
- Sulphur Recovery
- NGL Recovery
- Compressor Stations
- Field Facilities
- Conventional Oil Batteries
- Oil Satellites
- Heavy Oil Production Facilities
- Water Injection Facilities
- Pump Stations
- Power Generation Facilities
- Commingling
- Gas Over Bitumen
- GOR Relief
- Major River Crossings
- Flaring Approvals
- Power Plants





Regulatory Relationships

Eclipse has developed excellent long-term, personal relationships with the various regulatory bodies throughout Canada in the oil & gas industry.

This translates to effective scheduling, expediting and planning, and real action from the boards when required.

Eclipse has significant experience and strong ties with:



Energy Resources
Conservation Board



Alberta Environment (AENV)



Alberta Boiler &
Safety Association



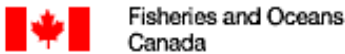
Alberta Sustainable
Resource Development.



BC Oil & Gas
Commission (OGC)



BC Ministry of Environment



Department of
Fisheries & Oceans



Indian & Northern Affairs



National
Energy Board

National Energy Board (NEB)



Saskatchewan Environmental
Assessment & Review



Saskatchewan Industry &
Resources (SIR)

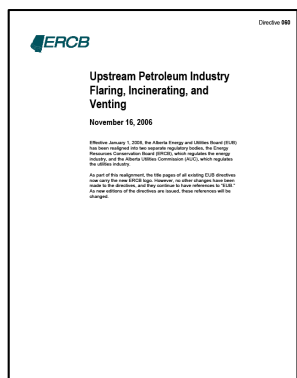
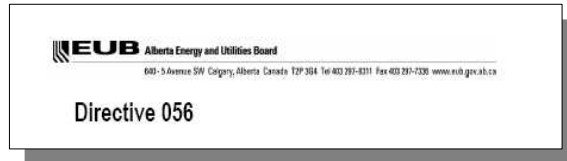


Alberta Energy Resources Conservation Board (ERCB)

Eclipse has executed well over 2,000 applications within Alberta and is at the forefront of regulatory requirements in Alberta for oil and gas pipeline and facility applications.

Directive 56 – Energy Development Applications and Schedules

Eclipse is up to date on Directive 56 and the subsequent impacts on Application requirements. D56 provides details for Development Applications in Alberta. Sections include Participant Involvement, Energy Development Licence Applications, Application Audit Process, Facility Licence Applications, Pipeline Licence Applications and Well Licence Applications. D56 includes the necessary forms, schedules and procedures.

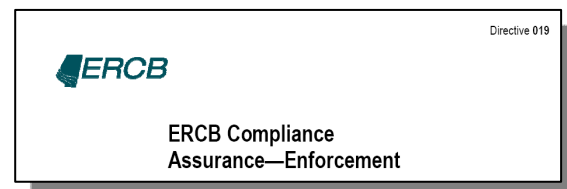


Directive 60 – Flaring, Incinerating & Venting

ERCB Directive 60 provides details of ERCB requirements for upstream flaring, incinerating and venting in Alberta. The Directive that has been updated released in Draft format in January 2003. The finalized Directive has updated requirements for upstream flaring in Alberta and has several clarifications to requirements. Eclipse is completely up to date on the new guidelines for flaring and assessing sour flares, incinerating and venting gas.

Directive 19 – ERCB Compliance Assurance - Enforcement

The updated ERCB Directive regarding self-auditing of assets and acquired assets is critical to Owner companies, as this has a direct impact on the Enforcement actions of the ERCB.




Additional Directives Eclipse can provide expertise for include but are not limited to:

- Directive 07 – Production Accounting Handbook
- Directive 13 – Suspension Requirements for Wells
- Directive 20 – Well Abandonment Guide
- Directive 28 – Applications for Power Plants, Substations and Transmission Lines
- Directive 38 – Noise Control Directive
- Directive 55 – Storage Requirements for Upstream Petroleum Industry
- Directive 64 – Requirements and Procedures for Facilities.
- Directive 65 – Resources Applications for Conventional Oil & Gas Reservoirs
- Directive 66 – Requirements and Procedures for Pipelines
- Directive 71 – Emergency Preparedness and Response Requirements

ERCB (Continued)

Directive 64 – Requirements & Procedures for Facilities

|  | | FACILITIES COMPLIANCE CHECKLIST | | ERCB FC 020-09-00 August 16, 2006 Page 1 of 2 | | | | | |
|---|--------------------------------------|--|--------------------------|---|----|--------------------------|--------------------------|-------------------|----|
| The following major tasks must be performed and completed prior to any construction beginning for a Production Facility Project. Each one of these major categories has their own individual checklist to complete the major tasks. | | | | | | | | | |
| PROJECT INFORMATION PROJECT NAME: _____ PROJECT NO.: _____ ENGINEERING REF NO.: _____ PROJECT FILE: _____ COMPANY NAME: _____ COMPANY CONTACT: _____ TEL. NO.: _____ FAX NO.: _____ EMAIL: _____ INVOICE CONTACT: _____ | | | | | | | | | |
| FACILITY Name: _____ Location: _____ Single Well Gas Battery <input type="checkbox"/> Multiwell Battery <input type="checkbox"/> Single Well Oil Battery <input type="checkbox"/> Gas Plant <input type="checkbox"/> Group Gas Well Battery <input type="checkbox"/> Gas Prorating Battery <input type="checkbox"/> Grassroots <input type="checkbox"/> Modification <input type="checkbox"/> | | | | | | | | | |
| MEASUREMENT | | | | | | | | | |
| | Regulation | Applicable | | Facility Design | | Compliant | | Corrective Action | |
| | | Yes | No | Yes | No | Yes | No | Yes | No |
| 1. Gas | Guide 64- Facility Inspection Manual | <input type="checkbox"/> | <input type="checkbox"/> | | | <input type="checkbox"/> | <input type="checkbox"/> | | |
| 2. Hydro Carbon Liquid | Guide 64- Facility Inspection Manual | <input type="checkbox"/> | <input type="checkbox"/> | | | <input type="checkbox"/> | <input type="checkbox"/> | | |
| 3. Water | Guide 64- Facility Inspection Manual | <input type="checkbox"/> | <input type="checkbox"/> | | | <input type="checkbox"/> | <input type="checkbox"/> | | |
| 4. Other Products | Guide 64- Facility Inspection Manual | <input type="checkbox"/> | <input type="checkbox"/> | | | <input type="checkbox"/> | <input type="checkbox"/> | | |
| EQUIPMENT | | | | | | | | | |
| | Regulation | Applicable | | Facility Design | | Compliant | | Corrective Action | |
| | | Yes | No | Yes | No | Yes | No | Yes | No |
| 5. Spacing | Guide 64- Facility Inspection Manual | <input type="checkbox"/> | <input type="checkbox"/> | | | <input type="checkbox"/> | <input type="checkbox"/> | | |
| 6. Flare System | Guide 64- Facility Inspection Manual | <input type="checkbox"/> | <input type="checkbox"/> | | | <input type="checkbox"/> | <input type="checkbox"/> | | |
| 7. Drain System | Guide 64- Facility Inspection Manual | <input type="checkbox"/> | <input type="checkbox"/> | | | <input type="checkbox"/> | <input type="checkbox"/> | | |


Eclipse is extremely well versed with respect to the role of the ERCB field centre inspectors. We have simplified templates & procedures to ensure full compliance including:

- Measurement of Gas, HCL, Water etc.
- Spacing
- Flare & Drain Systems
- Signage/Security
- Pop Tank
- Emergency Shut-down
- Compressor Installation
- Storage Requirements
- Dispersion Modeling
- Odour, Smoke & Noise Emissions
- Waste Management
- Housekeeping
- Spills
- Pits
- Surface Runoff

Directive 66 – Requirements & Procedures for Pipelines

We also have simplified templates & procedures to ensure our clients achieve full compliance for pipelines with respect to:

- Pipeline Specifications
- Construction
- Ground Disturbance
- Pressure Testing
- Discontinued / Abandoned Pipelines
- Operations Review Incident Cause

|  | | PIPELINE COMPLIANCE CHECKLIST | | ERCB FC 020-09-00 August 16, 2006 Page 1 of 1 | | | | | |
|---|---|--------------------------------------|--------------------------|---|----|--------------------------|--------------------------|-------------------|----|
| The following major tasks must be performed and completed prior to any construction beginning for a Production Facility Project. Each one of these major categories has their own individual checklist to complete the major tasks. | | | | | | | | | |
| PROJECT INFORMATION PROJECT NAME: _____ PROJECT NO.: _____ ENGINEERING REF NO.: _____ PROJECT FILE: _____ COMPANY NAME: _____ COMPANY CONTACT: _____ TEL. NO.: _____ FAX NO.: _____ EMAIL: _____ INVOICE CONTACT: _____ | | | | | | | | | |
| FACILITY Name: _____ Location: _____ Single Well Gas Battery <input type="checkbox"/> Multiwell Battery <input type="checkbox"/> Single Well Oil Battery <input type="checkbox"/> Gas Plant <input type="checkbox"/> Group Gas Well Battery <input type="checkbox"/> Gas Prorating Battery <input type="checkbox"/> Grassroots <input type="checkbox"/> Modification <input type="checkbox"/> | | | | | | | | | |
| MEASUREMENT | | | | | | | | | |
| | Regulation | Applicable | | Facility Design | | Compliant | | Corrective Action | |
| | | Yes | No | Yes | No | Yes | No | Yes | No |
| 1. Pipeline Specifications | Directive 66- Requirements and Procedures for Pipelines | <input type="checkbox"/> | <input type="checkbox"/> | | | <input type="checkbox"/> | <input type="checkbox"/> | | |
| 2. Construction | Directive 66- Requirements and Procedures for Pipelines | <input type="checkbox"/> | <input type="checkbox"/> | | | <input type="checkbox"/> | <input type="checkbox"/> | | |
| 3. Ground Disturbance | Directive 66- Requirements and Procedures for Pipelines | <input type="checkbox"/> | <input type="checkbox"/> | | | <input type="checkbox"/> | <input type="checkbox"/> | | |
| 4. Pressure Testing | Directive 66- Requirements and Procedures for Pipelines | <input type="checkbox"/> | <input type="checkbox"/> | | | <input type="checkbox"/> | <input type="checkbox"/> | | |
| 5. Discontinued Pipeline | Directive 66- Requirements and Procedures for Pipelines | <input type="checkbox"/> | <input type="checkbox"/> | | | <input type="checkbox"/> | <input type="checkbox"/> | | |
| 6. Abandoned Pipeline | Directive 66- Requirements and Procedures for Pipelines | <input type="checkbox"/> | <input type="checkbox"/> | | | <input type="checkbox"/> | <input type="checkbox"/> | | |
| 7. Operations Review | Directive 66- Requirements and Procedures for Pipelines | <input type="checkbox"/> | <input type="checkbox"/> | | | <input type="checkbox"/> | <input type="checkbox"/> | | |
| 8. Incident Cause | Directive 66- Requirements and Procedures for Pipelines | <input type="checkbox"/> | <input type="checkbox"/> | | | <input type="checkbox"/> | <input type="checkbox"/> | | |



Oil & Gas Commission (OGC)

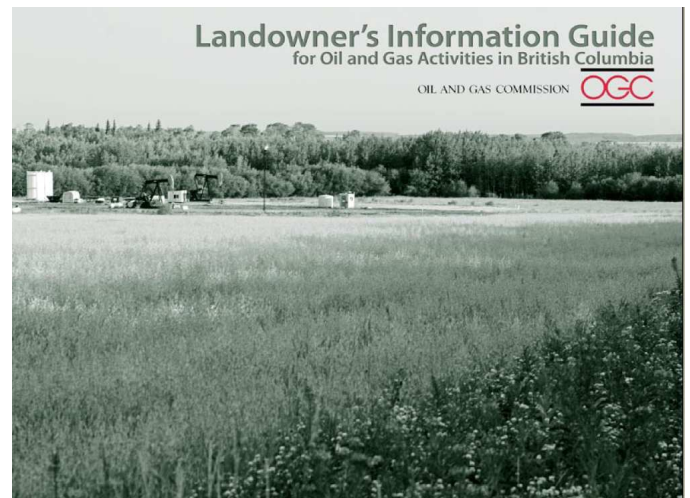
Eclipse has been executing projects in northeastern British Columbia for several years and is well versed in the requirements of the OGC and Ministry of Environment (MOE).

Several of the regulatory requirements, regulations, manuals and guides have been updated in British Columbia over the last 24 months and continue to be updated. Eclipse is completely up to date on these including the new OGC Pipeline & Facilities - Applications Resource Book, and KERMIT requirements.

In addition, Eclipse is involved in **OGRII** – the Oil & Gas Regulatory Improvement Initiative, which is an OGC Committee set up to improve and streamline the overall regulatory process in British Columbia.

Relevant regulations Eclipse will consult on include:

- Drilling & Production Regulations
- Oil and Gas Waste Regulation
- Sour Pipeline Regulation
- Flaring Incinerating and Venting Reduction Guideline
- Inspection & Compliance Operations Manual
- Pipeline Act & Regulation
- Public Involvement Guideline
- Pipeline & Facilities Operations Manual
- Facilities and Measurement Guide
- Landowners Information Guide
- Planning & Construction Guide
- Stream Crossing Planning & User Guide
- Agricultural Land Commission



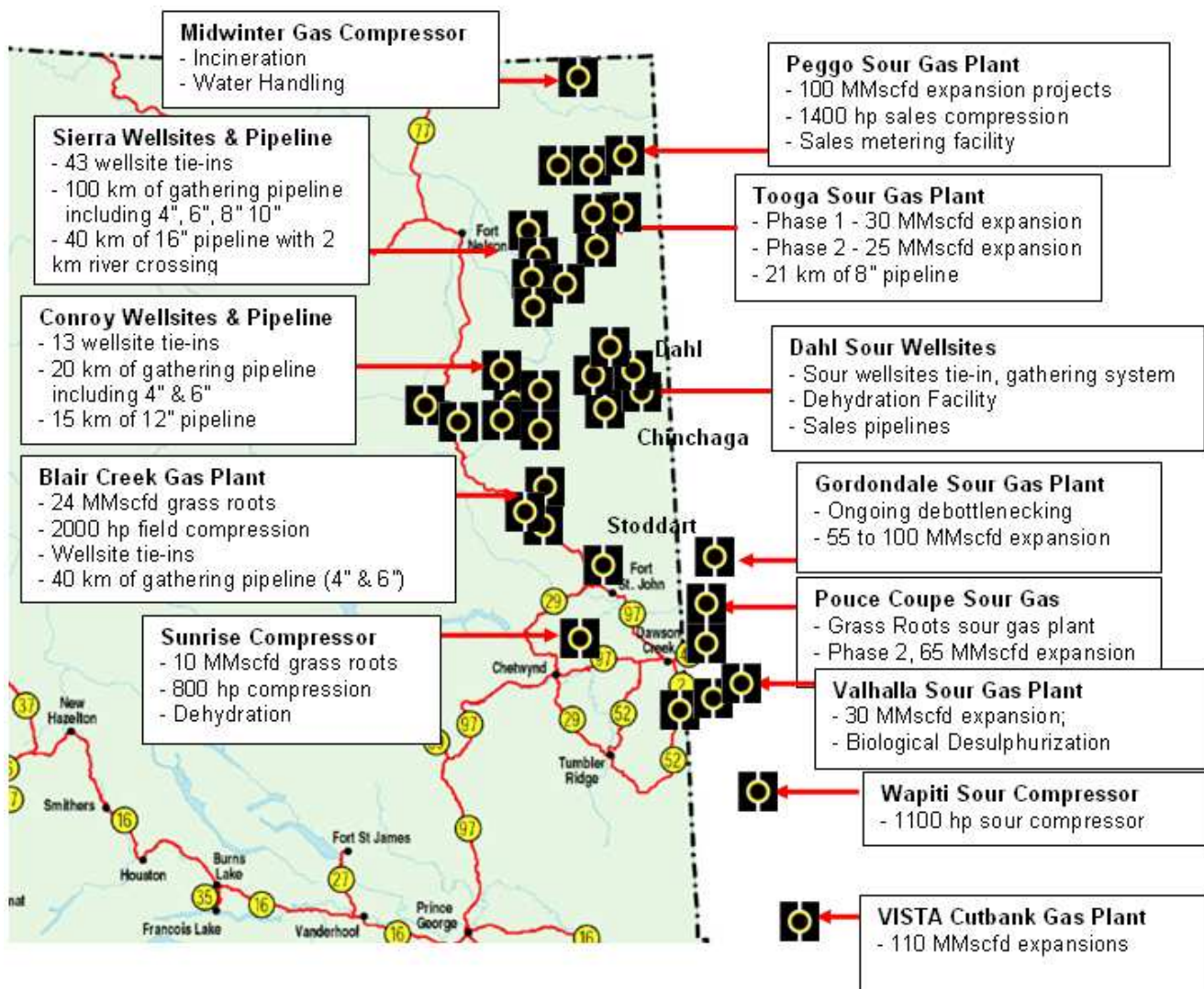
ERCS has created an OGC Audit Checklist to ensure you are up to date with all information BC requires in the event of an audit. Furthermore, ERCS has created a tool to assess the compliance posture of all of your pipelines and facilities by determining deficient items in KERMIT. Specifically it can help to determine missing notices and As-Builts, and licenses that should be cancelled. This analysis can be conducted as a one time “snapshot” evaluation, or as an ongoing service to our clients.

| SiteNo | Status | Detail Type | Activity | Appro.Date | NCSDate | NPTDate | LTODate | AsBuiltDate |
|-----------|--------|---------------|--------------------------------------|--------------|--------------|--------------|--------------|-------------|
| 000000022 | New | On Lease Pipe | Repair/Modify Facility/On-Lease Pipe | Dec 20, 1994 | missing | missing | missing | missing |
| 000000054 | Active | Compressor | Add/Delete Production Equipment | Jun 6, 1998 | Jul 17, 1998 | Jul 17, 1998 | Jul 17, 1998 | Oct 7, 1998 |
| 000000054 | New | Compressor | Add/Delete Production Equipment | Mar 10, 2000 | missing | missing | missing | missing |

Northern Alberta and British Columbia Projects

Eclipse has successfully executed projects throughout northern Alberta and British Columbia and is well aware of the application and approval process with the both the ERCB and BC Oil and Gas Commission.

The graphic below represents some of the recent sour and sweet gas projects executed by Eclipse staff in northern British Columbia and Alberta.





Alberta & British Columbia Regulatory Project Examples

| Area | Project Description | Regulatory Requirements |
|-----------------|---|---|
| Pouce Coupe | Sour Gas Plant Expansion From 22 MMscfd to 45 MMscfd; Major Bridge Construction | <ul style="list-style-type: none"> • ERCB Hearing • ERCB Facility Approvals • AENV River Crossing Approvals, DFO, Coast Guard |
| Cutpick | 28 Km of 6 Inch Pipeline, Pig Launching Facilities, Corrosion Inhibitor System, SCADA, with Major River Crossing | <ul style="list-style-type: none"> • ERCB Pipeline & Facility Applications • AENV River Crossing Approvals, Dept of Fisheries, Coast Guard • Conservation and Reclamation Application • Industry, First Nations & Public Notification |
| Musreau | Gas plant expansion to 60 MMscfd; added De-ethanizer, added liquid handling | <ul style="list-style-type: none"> • ERCB Facility Approvals • Industry, First Nations & Public Notification |
| Moon Creek | Compressor Station, Well Tie-In and 22 Km of New Pipeline Including Multiple Creek and River Crossings | <ul style="list-style-type: none"> • ERCB Facilities & Pipeline Approvals • Caribou Protection Plan • 22 Creek & River Crossing Notifications and AENV / Dept of Fisheries Approvals |
| Gilby | Evaluate and Re-licence 40 Gas Facilities and Pipelines that were originally licensed sweet but have turned sour | <ul style="list-style-type: none"> • PFD, Public & Industry Notification, Site Plan, Gas Analysis, Set Backs, Vented & Flared Gas Allowable Volumes, Level Classification and H2S Release Calculations |
| Turin | 5 Tonne/Day Sulphur Recovery Unit Added to Existing Amine Facility | <ul style="list-style-type: none"> • ERCB Audit Package with Detail Regarding Public & Industry Notifications, Gas Analysis, Emission Data, Process Data, Noise Emission Assessment • AENV Approval Regarding Environmental Protection and Enhancement Act |
| N/A | Pipeline Integrity Manuals | <ul style="list-style-type: none"> • CSA Z662 Annex N • CSA Z662 Annex M |
| Tooga | Phase 1 - 30 MMscfd Sour Gas Plant Expansion with 22 km of 8" Pipeline Phase 2 – 25 MMscfd expansion | <ul style="list-style-type: none"> • MWLAP Registration • OGC Facility and Operating Approvals • Forestry Technical Review Package • BCBSA Approval • Industry, First Nations & Public Notification |
| Dahl | Four Sour Wellsite Tie-Ins, Gathering Systems, New Dehydration Facility, Sales Pipelines | <ul style="list-style-type: none"> • OGC Facility Approvals (for Dehy. Facility, Wellsites & Pipelines), Timber Harvest & Field Assessment • BCBSA Approval • Industry, First Nations & Public Notification |
| Lone Pine Creek | Phase I – 100 CBM well tie in program, Phase II – 100 CBM well tie in program | <ul style="list-style-type: none"> • ERCB Pipeline and Facility Approvals • AENV Water Crossing Notifications |
| Midwinter | Environmental Evaluation; Upgrade of Water Handling system; installation of incineration for Dehy; Fuel Gas Scrubber | <ul style="list-style-type: none"> • MWLAP Registration • OGC Facility and Operating Approvals • Industry, First Nations & Public Notification • BCBSA Approval |
| Sunrise | Grass Roots 10 MMscfd Gas Plant with inlet separation, 800 hp compression, dehydration, incineration and flare system | <ul style="list-style-type: none"> • MWLAP Registration • OGC Facility & Operation Approvals • Industry, First Nations & Public Notification |
| Buick Creek | Booster Compressor Installation, Slug Catcher, PLC Upgrade | <ul style="list-style-type: none"> • OGC Facility and Operating Approvals • Industry, First Nations & Public Notification • BCBSA Approval |



Province of Saskatchewan

The Province of Saskatchewan owns 25.3 million hectares of petroleum and natural gas rights in the surveyed area of the province. This represents about 78% of the total petroleum and natural gas rights in the province. The remaining 22% of the rights are owned by individuals, companies, First Nation bands and the Federal Government.

Eclipse complies with the legislated mandate for the responsible development of the province's oil and gas resources. They are set out in the following:

Relevant acts and regulations Eclipse will consult on include but are not limited to:

- The Department of Energy & Mines Act
- The Oil and Gas Conservation Act
- The Mineral Resources Act
- Mineral Disposition Regulations
- The Pipelines Act
- The Pipelines Regulations
- Minister's Orders for Oil and Gas including Pool Regulation Orders
- Saskatchewan Environmental Assessment Act Guide
- The Guidelines for Preparation of an Environmental Protection Plan





North of 60°

Northern Canada (Yukon, NWT and Nunavut) is one of the richest petroleum resources. To this point exploration has revealed more than 1.75 Billion barrels of oil and 4 trillion cubic feet of gas. Canadian Oil and Gas Drilling Regulations govern the exploration, drilling and conservation of oil and gas and specify measures to ensure the safety of these operations.

Northern Canada is trying to maintain a fair balance between the social/economic growth and environmental protection. Regulations involving multiple federal government departments, territorial and First Nation authorities help to aid this balance. All areas require a great deal of public consultation; Eclipse is familiar with notifying and addressing public concerns in many forms, from mailings, advertisement to public hearings and meetings with specific community groups, it is understood that prior to notification/consultation a Comprehensive Study Report (CSR) that reviews the social and environmental impacts of any proposed project is forwarded to the Ministry of Environment and the National Energy Board.

Eclipse also acknowledges areas, which are included in traditional land settlements with the First Nations, knowing several approval processes take place. For example the Gwich'in, Inuvialuit and Sahtu all have processes to grant land use permits. These processes usually require consultation with a local community committee throughout the planning and operation of any development. Often, First Nations and Inuit participation in the development and management of northern projects is not considered early enough, resulting in delays in regulatory decision making.

Eclipse understands all these regulations and has a working relationship with local, provincial and federal regulatory officials. This helps to create a more efficient and effective regulatory environment. Pertinent acts and regulations Eclipse will consult on include but are not limited to:

- Arctic Waters Pollution Prevention Act
- Canada Oil and Gas
 - Drilling Regulations
 - Installations Regulations
 - Operations Act and Operation Regulations
 - Production and Conservation Regulations
- Canada Petroleum Resources Act
- Canada Water Act
- Cooperative Plan
- Frontier Lands Registration Regulations/ Petroleum Royalty Regs
- Mackenzie Valley Land Use Regulations
- Mackenzie Valley Resource Management Act
- NWT Act and Waters Regulations
- Nunavut Waters and Nunavut Surface Rights Tribunal Act
- Oil and Gas Approvals in the NWT
 - Sahtu Settlement Area
 - Inuvialuit Settlement Region
 - Gwich'in Settlement Area
 - Beaufort Sea
 - Southern Mackenzie Valley
- Territorial Lands Act
- Yukon Surface Rights Board Act





Well, Facility & Pipeline Applications

Eclipse Regulatory personnel have successfully executed thousands of regulatory applications for oil and gas projects in Western Canada.

We maintain a comprehensive database of applications and approvals for all the relevant regulatory bodies to ensure efficient retrieval of historical information.

Eclipse has also created and maintains several Regulatory Requirements Checklists for each regulatory body as appropriate to region and province.

These checklists provide a detailed list of technical and operation questions to ensure that no critical details are missed, and approval times are minimized.

| Requirement | Yes | No | Not Applicable | Remarks | Issue | Response | Resolution | Resolution Date | Resolution Status |
|-------------|-----|----|----------------|---------|-------|----------|------------|-----------------|-------------------|
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| 1.1.1.100 | | | | | | | | | |

Stakeholder Notifications

Another key service provided by Eclipse includes Stakeholder Notifications such as:

- LSAS Searches
- Landowner Consultation
- Industry Notification
- Trapper Searches
- Road, Pipe and Power Line Searches
- Archaeological Site Assessments

Environmental Requirements

Eclipse is also pleased to provide consulting regarding regulatory Environmental Requirements such as:

- Odours & Emissions
- Land use
- Water quality
- Timber Salvage
- Wildlife Protection



Schedule Management & Expediting

For overall management of a Project Schedule, it is critical to properly estimate Application and Approval timelines in to the planning. Coordination, tracking and expediting of regulatory applications are often overlooked tasks. There must be a DRIVER for all regulatory applications and coordination of the Survey, Land, Engineering and Regulatory deliverables.

Eclipse is completely familiar with the coordination of all parties as well as defining the appropriate Regulatory Bodies and required applications. Typical schedule impacts for an Alberta Pipeline project includes:

ERCB Pipeline Agreements

- Industry Notifications
- Pipeline Agreement
- ERCB Approval



Up to 6 weeks

Pipeline Crossings and requirement for agreements with

- Landowner (land crossing)
- Affected Company (pipeline crossing)
- Municipality (gravel road crossing)
- Alberta Transportation (paved road crossing)
- AENV Water Resource Mgmt (Class D Creek Crossing)
- Dept of Fisheries & Oceans (Class B River Crossing)



Up to 7 weeks

Alberta Environment (AENV) and Water Resource Management

- Fish & Wildlife Assessment
- Geotechnical Studies
- Notification



Up to 7 weeks

Alberta Environment (AENV) and Alberta Sustainable Resources

- Caribou Protection Plan
- October 15 Deadline



Up to 4 weeks

Department of Fisheries & Oceans

- River Crossings



Up to 4 weeks

Emergency Response Plan

- Sour Gas ERP



Up to 10 weeks



Sour Gas Facility Expertise

With respect to sour gas, Eclipse is fully experienced and familiar with:

- AENV Sour Gas Plant Applications/Renewals
- Emergency Response Planning (ERCB Directive 71)
- Emergency Planning Zone (EPZ) Calculations
- Flaring Restrictions (ERCB Directive 60)
- Dispersion Modelling
- Sulphur Recovery (ERCB ID2001)
- Environmental Protection and Enhancement Act
- Substance Release Regulation
- Acid Gas Injection



Along with the specific sour gas expertise, Eclipse is fully knowledgeable of all Environmental requirements relative to sour gas processing facilities, such as odours, emissions, related land use, wildlife protection, etc.

AENV Gas Plant Applications & Renewals

The table below is a sample of some recent sour gas plant regulatory projects and AENV renewals that were completed by Eclipse. These projects have included AENV renewals, amendments and approvals, AENV approvals regarding the Environmental Protection and Enhancement Act, ERCB Audit Packages with detail regarding Public & Industry Notifications, Gas Analysis, Emission Data, Process Data and Noise Emission Assessments to name a few.

| Company | Sour Gas Processing Plant |
|----------------------------------|---|
| Paramount Energy Operating Corp. | Saleski Gas Plant |
| Paramount Energy Operating Corp. | Thickwood Gas Plant |
| Devon Canada Corp. | Goodfish Lake |
| Devon Canada Corp. | Cecil Gas Plant |
| Devon Canada Corp. | Coleman Gas plant |
| ConocoPhillips Canada | Medicine River Gas Plant |
| Duke Energy Field Services | Pouce Coupe Gas Plant (Grass Roots) |
| Duke Energy Field Services | Tooga Gas Plant |
| Keyspan Energy Canada | Rimbey Gas Plant |
| VISTA Midstream Solutions | Turin Gas Plant |
| EnCana Corporation | Bantry Gas Plant (expansion & sulphur recovery) |
| EnCana Corporation | Black Butte Gas Plant |
| Ketch Resources | Fontas Gas Plant |
| Ketch Resources | Worsley Gas Plant |
| Barrick Energy Inc. | Blair Creek Gas Plant |
| Bearspaw Petroleum Ltd. | Marlowe Gas Plant |
| TAQA North Ltd. | Valhalla Gas Plant (expansion & sulphur recovery) |



Pipeline Amendment Expertise

Eclipse has significant experience with licence amendments for pipelines. We are fully familiar with the ERCB Directive 56 requirements for resolution for various scenarios including:

- Complete pipeline removal
- Line Splits
- Abandonment of pipeline
- Specification Changes
- Discontinuation of pipeline
- H₂S Change
- MOP Change
- Substance Change
- Flow Reversal
- Liner Installation
- Resumption of discontinued pipeline
- Resumption of abandoned pipeline/pipeline installations



Along with the specific Directive 56 expertise, Eclipse is fully knowledgeable of all regulatory requirements for pipeline design, construction, discontinuation, removal and abandonment.

Eclipse now also utilizes our **Total Compliance System**. This is an excellent web based tool that allows oil & gas clients to understand and manage their pipelines & facilities with respect to regulations. Based on the capture of all the critical data, we can query our system which creates a spreadsheet showing deficiencies, as well as the ability to suggest Corrective Action Required.

Advantages

- Achieve 100% compliance with respect to licensing & operations
- Easy access to information & documents
- Keep you informed of changing regulations
- Better understand your regulatory requirements
- Continued compliance when making changes to existing infrastructure
- Understand the downstream effects of changes to your system
- Ensure ongoing compliance in the face of changing regulations

Whether you want to get a better handle on your current situation or you are looking to implement an ongoing maintenance program... The Eclipse Compliance Guarantee Program (CGP) can help you achieve your goals & a 100% regulatory compliance record



Eclipse Clientele

Eclipse has several clients; through impeccable quality and reliable regulatory compliance knowledge upon project executions has resulted in long term working relationships.



Murphy Oil



Apache Corporation



Advantage Energy Income Fund



Equinox Engineering Ltd.



Paramount Energy Trust



BP Canada Energy



EnCana Corporation



Crew Energy Inc.



Alberta Clipper



Storm Exploration Inc.



Spectra Energy



Breaker Energy Ltd.



TAQA NORTH Ltd.



Devon Canada Corp



Grey Wolf Exploration Inc.



Richards Oil & Gas



ARC Resources



Husky Energy Inc.



Great Plains Exploration Inc.



SemCAMS



Suncor Energy Inc



Talisman Energy Inc..



Penn West Energy



ConocoPhillips Canada



Connacher Oil and Gas



Barrick Energy Inc.



AltaGas Income Trust



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*Regulatory specialists
for the oil & gas industry*