

# **ERCB Monthly Enforcement Action Summary**

March 2009

## ENERGY RESOURCES CONSERVATION BOARD ST108: ERCB Monthly Enforcement Action Summary, March 2009

July 2009

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|  |   |                                | March 2009                              |   |
|--|---|--------------------------------|---|---|
| ERCB   | Compliance Category                       | Initial Audits/<br>Inspections | Number of<br>High Risk<br>Noncompliance | Compliance Rate<br>with<br>High Risk<br>Noncompliance |
| Applications Branch  | Doutining at layer and                    | 00                             | 1                                       | 00.00/  |
| Facilities Applications Group  Audit Section                                     | Participant Involvement                   | 82                             | 1                                       | 98.8%   |
| , taati Gootlon  | Facilities Technical                      | 13                             | 3                                       | 77%   |
|  | Pipelines/Pipeline                        | 16                             | 0                                       | 100%  |
|  | Installations Technical                   |                                |   |   |
|  | Wells Technical                           | 62                             | 0                                       | 100%  |
| Resources Applications Group Enforcement & Surveillance Section and Coal Section | Control Wells                             | N/A                            | 1                                       | N/A   |
|  | Commingling                               | N/A                            | 5                                       | N/A   |
|  | Injection/Disposal                        | N/A                            | 1                                       | N/A   |
|  | Groundwater Protection                    | N/A                            | 9                                       | N/A   |
|  | Spacing                                   | N/A                            | 1                                       | N/A   |
| Subtotal   |   | 173                            | 21                                      | 88%   |
| Compliance and Operations  Branch  |   |                                |   |   |
| Operations Group<br>Production Operations<br>Section                             | Production Measurement & Reporting        | 11                             | 8                                       | 27%   |
| Environment Group<br>Waste and Storage Section                                   | Oilfield Waste<br>Generator               | 3                              | 3                                       | 0%  |
|  | Drilling Waste Audits                     | 2                              | 2                                       | 0%  |
| Well Operations Section  | Flaring, Incinerating, and Venting Audits | 3                              | 1                                       | 67%   |
| Subtotal   |   | 19                             | 14                                      | 26%   |
| Public Safety/Field<br>Surveillance Branch                                       |   |                                |   |   |
|  | Drilling Operations                       | 29                             | 4                                       | 86%   |
|  | Well Servicing                            | 51                             | 2                                       | 96%   |
|  | Oil Facilities                            | 365                            | 2                                       | 99.5%   |
|  | Gas Facilities                            | 438                            | 6                                       | 98.6%   |
|  | Pipelines                                 | 225                            | 16                                      | 93%   |
|  | Drilling Waste                            | 8                              | 0                                       | 100%  |
|  | Well Site Inspections                     | 472                            | 3                                       | 99.2%   |
|  | Waste Management                          | 8                              | 1                                       | 88%   |
| Subtotal   |   | 1596                           | 34                                      | 98%   |
| Resources Branch Geology and Reserves Group Reserves & Allowables                | Oil Overproduction                        | 406                            | 4                                       | 99.0%   |
| Section  |   | 400                            | A                                       | 00.00/  |
| Subtotal<br>Fort McMurray  |   | 406                            | 4                                       | 99.0%   |
| FOIL WIGHTUITAY  | Mineable Oil Sands                        | n/a                            | 1                                       | n/a   |
| Total Audit/Inspections  | WILLEADIE OII SALIUS                      | 2194                           | 74                                      | 96.6%   |
| High Risk  |   | 2.07                           | '-                                      | 30.070  |

Note: Compliance category data are evaluated annually and results presented in ST99 ERCB Provincial Surveillance and Compliance Summary.

| # | Liconoco                 | ERCB Group/                                    | Noncompliance  | Date of Enforcement    | Surface Lagation   | ERCB Action(s) and Licensee   |                 |  |
|---|--------------------------|--|--|------------------------|--|---|-----------------|--|
| 1 | Advantage Oil & Gas Ltd. | Field Surveillance/ Pipelines                  | Pipeline is operating but is shown as discontinued or abandoned in ERCB records. | March 10, 2009         | O4-09-047-08W4 M.D. of Wainwright  | Response  Operations were not suspended, as there was no existing or potential impact/hazard to the environment or the public.  Licensee submitted an application to amend the licence.   |                 |  |
|   |                          |  |  |                        |  | Licensee provided a plan to address the noncompliance and prevent future occurrences.  Compliance achieved.   |                 |  |
| 2 | Apache Canada            | Field Surveillance/                            | Domago by others   | March 17, 2009         | 10-21-038-07W4   | Operations suspended.   |                 |  |
| 2 | Ltd.                     | Pipelines proper procedures were not followed. |  | proper procedures were | proper procedures were   | March 17, 2009  | M.D. of Provost | Licensee required to provide a plan to address the noncompliance and prevent future occurrences. |
|   |                          |  |  |                        |  | Licensee reviewed its ground disturbance policies and procedures with all staff.  |                 |  |
|   |                          |  |  |                        |  | Licensee provided a plan to address the noncompliance and prevent future occurrences.   |                 |  |
|   |                          |  |  |                        |  | Compliance achieved.  |                 |  |
| 3 | Apache Canada<br>Ltd.    | Resources Applications/<br>Control Wells       | Failure to resolve issues or notify the ERCB of unresolved issues.               | March 20, 2009         | 04-22-043-21W4<br>09-28-043-21W4<br>12-36-043-22W4<br>16-29-042-21W4<br>06-28-042-21W4<br>14-29-042-21W4<br>05-32-042-21W4<br>Camrose County | Licensee confirmed in writing that the noncompliance has been addressed and that the well has been shut in and will remain shut in until the requisite approval is obtained.  Licensee provided a plan to address the noncompliance and prevent future occurrences. |                 |  |
|   |                          |  |  |                        |  | Currently under review.   |                 |  |

| # | Licensee                | ERCB Group/<br>Compliance Category       | Noncompliance<br>Event  | Date of<br>Enforcement | Surface Location   | ERCB Action(s) and Licensee Response  |
|---|-------------------------|--|---|------------------------|--|---|
| 4 | Apache Canada<br>Ltd.   | Resources Applications/<br>Commingling   | Commingling without approval.   | March 31, 2009         | 11-30-033-03W5<br>06-27-033-04W5<br>08-04-034-04W5<br>Mountain View County | Licensee confirmed in writing that the noncompliance has been addressed and that the well has been shut in and will remain shut in until the requisite approval is obtained.  |
|   |                         |  |   |                        |  | Licensee provided a plan to address the noncompliance and prevent future occurrences.   |
|   |                         |  |   |                        |  | Compliance achieved.  |
| 5 | ARC Resources           | Field Surveillance/                      | Accumulator pressure  | March 23, 2009         | 15-27-048-07W5   | Operations suspended.   |
|   | Ltd.                    | Drilling Operations                      | dropped below 8400<br>kPa after function test<br>(of all required BOP<br>components) with the<br>recharge pump off. |                        | Brazeau County   | Licensee implemented new procedures for checking accumulator function tests.  Licensee provided a plan to address the noncompliance and prevent future occurrences.   |
|   |                         |  |   |                        |  | Compliance achieved.  |
| 6 | Arcan Resources<br>Ltd. | Geology and Reserves/ Oil Overproduction | Failure to retire oil overproduction.   | March 4, 2009          | 05-17-096-09W6   | Operations not suspended because all cumulative overproduction has  |
|   |                         |  |   |                        | Clear Hills County   | been retired.  Licensee confirmed in writing that all overproduction is retired.  Licensee was directed to develop and implement a plan to address the noncompliance and prevent future occurrences.  All overproduction retired.  Compliance achieved. |

| Hig | h Risk Enforcemen           | t Action 1 <sup>1</sup>                                  |  |                        |                                   |   |
|-----|-----------------------------|--|--|------------------------|-----------------------------------|---|
| #   | Licensee                    | ERCB Group/<br>Compliance Category                       | Noncompliance<br>Event   | Date of<br>Enforcement | Surface Location                  | ERCB Action(s) and Licensee Response  |
| 7   | Arcan Resources<br>Ltd.     | Resources Applications/<br>Injection/Disposal            | Injection or disposal without approval.  | March 16, 2009         | 14-28-068-08W5 M.D. of Big Lakes  | Licensee confirmed in writing that the noncompliance has been addressed and that the well has been shut in and will remain shut in until requirements have been met in accordance with Directive 051: Injection and Disposal Wells - Well Classifications, Completions, Logging and Testing Requirements and Directive 065: Resources Applications for Conventional Oil and Gas Reservoirs  Licensee provided a plan to address the noncompliance and prevent future occurrences.  Licensee resumed injection operations prior to receiving Directive 051 approval.  Compliance not achieved. |
| 8   | Artemis<br>Exploration Inc. | Environment Group/<br>Oilfield Waste Generator<br>Audits | Oilfield waste was not properly classified as either dangerous (DOW) or non-dangerous (non-DOW). | March 6, 2009          | 07-04-041-03W4<br>M.D. of Provost | Suspension of operations at this time was not deemed appropriate as disposal operations were completed in 2007.  Licensee provided a plan to address the noncompliance and prevent future occurrences.  Compliance achieved.  |

| #  | Licensee                    | ERCB Group/<br>Compliance Category                       | Noncompliance<br>Event  | Date of<br>Enforcement | Surface Location                    | ERCB Action(s) and Licensee Response   |
|----|-----------------------------|--|---|------------------------|-------------------------------------|--|
| 9  | Artemis<br>Exploration Inc. | Environment Group/<br>Oilfield Waste Generator<br>Audits | Oilfield waste was not properly classified as either dangerous (DOW) or non-dangerous (non-DOW).  Oilfield waste was transferred to an unapproved transfer station.   | March 6, 2009          | 05-03-041-03W4<br>M.D. of Provost   | Suspension of operations at this time was not deemed appropriate. as disposal operations were completed in 2007.  Licensee provided a plan to address the noncompliance and prevent future occurrences.  Compliance achieved.      |
| 10 | Auriga Energy<br>Inc.       | Field Surveillance/<br>Pipelines                         | Pressure Testing -safety precautions unsatisfactory.  | March 24, 2009         | 10-31-055-20W4<br>Strathcona County | Operations suspended.  Licensee updated its pipeline integrity and management policies.  Licensee provided a plan to address the noncompliance and prevent future occurrences.  Compliance achieved.                               |
| 11 | Berens Energy<br>Ltd.       | Field Surveillance/<br>Drilling Operations               | Noncompliance with other ERCB requirements - Abandonment procedures not in accordance with Directive 020 requirements:  1) Cement plug must be pressure tested at a stabilized pressure of 7000 kPa for 10 minutes.  2) The location of the cement plug must be confirmed by one of the approved methods described in Appendix 1. | March 5, 2009          | 09-35-048-13W5 Yellowhead County    | Operations were not suspended, as abandonment operations had already occurred.  Licensee updated internal procedures.  Licensee provided a plan to address the noncompliance and prevent future occurrences.  Compliance achieved. |

| Higl | n Risk Enforcemen                        | t Action 1 <sup>1</sup>                                      |   |                        |                                 |  |
|------|--|--|---|------------------------|---------------------------------|--|
| #    | Licensee                                 | ERCB Group/<br>Compliance Category                           | Noncompliance<br>Event  | Date of<br>Enforcement | Surface Location                | ERCB Action(s) and Licensee Response   |
| 12   | Bonavista<br>Petroleum Ltd.              | Facilities Applications/<br>Facilities Technical             | Not completing an acceptable noise impact assessment prior to application.  | March 17, 2009         | 16-30-060-13W5 Woodlands County | Operations were not suspended, as there was no existing potential impact/hazard to the environment or the public.  |
|      |  |  |   |                        |                                 | Licensee provided a plan to address the noncompliance and prevent future occurrences.  |
|      |  |  |   |                        |                                 | Compliance achieved.   |
| 13   | Bonavista<br>Petroleum Ltd.              | Operations Group/<br>Production Measurement<br>and Reporting | Inaccurate reporting of vent gas.  Inaccurate accounting and reporting of actual hydrocarbons liquid production.  Inaccurate accounting and reporting of actual gas production. | March 27, 2009         | 02-20-036-03W5  Red Deer County | Operations were not suspended, as there was no existing or potential impact/hazard to the environment or the public.  Licensee submitted its amended accounting figures.  Licensee provided a plan to address the noncompliance and prevent future occurrences.  Currently under review. |
| 14   | Canadian Natural<br>Resources<br>Limited | Fort McMurray/<br>Mineable Oil Sands                         | Venting, flaring or<br>wasting of any<br>significant amount of<br>gaseous or liquid<br>hydrocarbon without the<br>permission of the Board<br>except in case of<br>emergency.    | March 4, 2009          | Approval No. 9752A              | Operations were not suspended, as there was no existing or potential impact/hazard to the environment or the public.  Licensee provided a plan to address the noncompliance and prevent future occurrences.  Compliance achieved.  |

| Hig | h Risk Enforcement                       | t Action 1 <sup>1</sup>   |  |                        |  |  |
|-----|--|---|--|------------------------|--|--|
| #   | Licensee                                 | ERCB Group/<br>Compliance Category                              | Noncompliance<br>Event   | Date of<br>Enforcement | Surface Location                       | ERCB Action(s) and Licensee Response   |
| 15  | Canadian Natural<br>Resources<br>Limited | Field Surveillance/<br>Pipelines                                | Pipeline is operating but is shown as discontinued or abandoned in ERCB records.           | March 17, 2009         | 04-34-067-04W6<br>M.D. of Greenview    | Operations were not suspended, as the pipeline was discontinued, the line will retain its current discontinued status and shall not be returned to service until the line integrity is proved, and proper ERCB approvals have been attained. |
|     |  |   |  |                        |  | Licensee capped the pipeline and left it abandoned.  |
|     |  |   |  |                        |  | Licensee provided a plan to address the noncompliance and prevent future occurrences.  |
|     |  |   |  |                        |  | Compliance achieved.   |
| 16  | Canadian Natural<br>Resources<br>Limited | Field Surveillance/<br>Oil Facilities                           | Spill on/off lease not adequately controlled/ cleaned up.                                  | March 24, 2009         | 12-36-011-17W4<br>M.D. of Taber        | Operations were not suspended, as there was no immediate threat to either public safety or the environment because the licensee cleaned up the spill immediately.  Licensee provided a plan to address the noncompliance and                 |
|     |  |   |  |                        |  | prevent future occurrences.  |
|     |  |   |  |                        |  | Compliance achieved.   |
| 17  | CCS Inc.                                 | Public Safety/Field<br>Surveillance Branch/<br>Waste Facilities | Flame-type equipment without workable flame arrester less than 25 m from a process vessel. | March 6, 2009          | 12-31-077-05W6<br>M.D. of Spirit River | Operations were not suspended, as the noncompliance was corrected at the time of the inspection.   |
|     |  |   |  |                        |  | Licensee installed nuts/bolts on the flame arrester.   |
|     |  |   |  |                        |  | Licensee provided a plan to address the noncompliance and prevent future occurrences.  |
|     |  |   |  |                        |  | Compliance achieved.   |

| #  | Licensee                               | ERCB Group/<br>Compliance Category                           | Noncompliance<br>Event  | Date of Enforcement | Surface Location                   | ERCB Action(s) and Licensee Response   |
|----|--|--|---|---------------------|------------------------------------|--|
| 18 | ConocoPhillips<br>Canada (BRC)<br>Ltd. | Operations Group/<br>Production Measurement<br>and Reporting | Inaccurate vent gas estimation.  Inaccurate gas volume calculations.  Inaccurate accounting and reporting of gas dispositions.  Inaccurate accounting and reporting of gas receipts.  Inaccurate reporting of flare gas.  Inaccurate reporting of vent gas.  Inaccurate accounting and reporting of actual hydrocarbons liquid production.  Inaccurate accounting and reporting of actual gas production. | March 24, 2009      | 11-10-064-05W6 M.D. of Greenview   | Operations were not suspended, as there was no existing or potential impact/hazard to the environment or the public.  Licensee submitted its amended accounting figures.  Licensee provided a plan to address the noncompliance and prevent future occurrences.  Currently under review. |
| 19 | Crocotta Energy<br>Inc.                | Facilities Applications/<br>Facilities Technical             | Not completing an acceptable noise impact assessment prior to filing the application.   | March 17, 2009      | 04-20-061-11W5<br>Woodlands County | Licence(s) was not cancelled or suspended, as the noncompliance was promptly corrected.  Licensee provided a plan to address the noncompliance and prevent future occurrences.  Compliance achieved.   |

| Hig | h Risk Enforcemen       | t Action 11  |   |                        |  |  |
|-----|-------------------------|--|---|------------------------|--|--|
| #   | Licensee                | ERCB Group/<br>Compliance Category                           | Noncompliance<br>Event  | Date of<br>Enforcement | Surface Location                         | ERCB Action(s) and Licensee Response   |
| 20  | Daylight Energy<br>Ltd. | Field Surveillance/<br>Pipelines                             | Road crossings are unsatisfactory – pipeline wall thickness does not meet the requirements.   | March 6, 2009          | 01-05-069-12W6  County of Grande Prairie | Operations suspended.  Licensee installed a thicker walled pipeline to meet the requirements.  Licensee provided a plan to address the noncompliance and prevent future occurrences.  Compliance achieved.   |
| 21  | Devon Canada            | Operations Group/<br>Production Measurement<br>and Reporting | Inaccurate accounting and reporting of actual gas production.   | March 20, 2009         | 01-33-041-06W5<br>Clearwater County      | Operations were not suspended, as there was no existing or potential impact/hazard to the environment or the public.  Licensee submitted its amended accounting figures.  Licensee provided a plan to address the noncompliance and prevent future occurrences.  Currently under review. |
| 22  | Devon Canada            | Operations Group/<br>Production Measurement<br>and Reporting | Inaccurate accounting and reporting of actual gas production.  Inaccurate accounting and reporting gas receipts.  Inaccurate accounting and reporting of actual water production. | March 20, 2009         | 01-33-041-06W5<br>Clearwater County      | Operations were not suspended, as there was no existing or potential impact/hazard to the environment or the public.  Licensee submitted its amended accounting figures.  Licensee provided a plan to address the noncompliance and prevent future occurrences.  Currently under review. |

| Hig | h Risk Enforcemen              | t Action 1 <sup>1</sup>   |  |                        |                                  |  |
|-----|--------------------------------|---|--|------------------------|----------------------------------|--|
| #   | Licensee                       | ERCB Group/<br>Compliance Category                                | Noncompliance<br>Event   | Date of<br>Enforcement | Surface Location                 | ERCB Action(s) and Licensee Response   |
| 23  | Devon Canada<br>Corporation    | Field Surveillance/<br>Oil Facilities                             | Noncompliant with other ERCB requirement – extensive staining and spillage having the potential to adversely impact the environment. | March 20, 2009         | 10-36-038-08W5 Clearwater County | Operations were not suspended, as the noncompliance was promptly corrected.  Licensee cleaned up the spill.  Licensee provided a plan to address the noncompliance and prevent future occurrences.  Compliance achieved.   |
| 24  | Eagle Rock<br>Exploration Ltd. | Operations Group/<br>Flaring, Incinerating, and<br>Venting Audits | Flaring solution gas from<br>an oil/bitumen well with<br>a gas oil ration greater<br>than 3000 m <sup>3</sup> /m <sup>3</sup>        | March 4, 2009          | 06-15-001-16W4<br>Medicine Hat   | Operations suspended.  Licensee required to provide a plan to address the noncompliance and prevent future occurrences.  A meeting was held with the operator on March 30, 2009. An action plan has been submitted but gas conservation has not been implemented.  The facility will remain shut in until gas conservation has been implemented. |
| 25  | Eagle Rock<br>Exploration Ltd. | Field Surveillance/<br>Gas Facilities                             | Underground tank(s) not tested at the required 3-year frequency/operator cannot demonstrate tank integrity.                          | March 6, 2009          | 14-15-001-16W4 Cypress County    | Operations suspended. Licensee tested the tank(s).  Licensee provided a plan to address the noncompliance and prevent future occurrences.  Compliance achieved.  |

| #  | Licensee              | ERCB Group/<br>Compliance Category     | Noncompliance<br>Event   | Date of<br>Enforcement | Surface Location                                      | ERCB Action(s) and Licensee Response  |
|----|-----------------------|--|--|------------------------|---|---|
| 26 | EnCana<br>Corporation | Resources Applications/<br>Commingling | Commingling without approval.  | March 18, 2009         | 08-30-017-18W4<br>16-34-017-18W4<br>Vulcan County     | Licensee confirmed in writing that the noncompliance has been addressed.  Licensee provided a plan to address the noncompliance and prevent future occurrences.  Currently under review.  |
| 27 | EnCana<br>Corporation | Resources Applications/<br>Spacing     | Failure to apply to rescind or vary the area of a holding when common ownership is no longer in place. | March 18, 2009         | Sections 29, 30 and 31-<br>017-18W4.<br>Vulcan County | Milk River, Medicine Hat, and White Speckled Shale operations were not suspended, as compliance was promptly restored.  Licensee provided a summary of future plans with respect to production from the Belly River from the Belly River Holdings.  Licensee provided a plan to address the noncompliance and prevent future occurrences.  Compliance achieved. |
| 28 | EnCana<br>Corporation | Resources Applications/<br>Commingling | Commingling without approval.  | March 20, 2009         | 13-22-027-21W4<br>Kneehill County                     | Licensee confirmed in writing that the noncompliance has been addressed and that the well has been shut in and will remain shut in until the requisite approval is obtained.  Licensee provided a plan to address the noncompliance and prevent future occurrences.  Compliance achieved.   |

| #  | Licensee                     | ERCB Group/<br>Compliance Category          | Noncompliance<br>Event   | Date of<br>Enforcement | Surface Location                      | ERCB Action(s) and Licensee Response  |
|----|------------------------------|---|--|------------------------|---------------------------------------|---|
| 29 | EnCana<br>Corporation        | Field Surveillance/<br>Drilling Operations  | Blowout preventer hydraulic line end fittings located within 7 m of the wellbore not fire rated. | March 26, 2009         | 12-05-079-11W6<br>Saddle Hills County | Operations suspended.  Licensee installed the correct type of end fittings that were fire rated.  Licensee provided a plan to address the noncompliance and prevent future occurrences.  Compliance achieved.   |
| 30 | EnCana Oil &<br>Gas Co. Ltd. | Field Surveillance/<br>Well Site Inspection | Noncompliant with other ERCB requirement – contaminated material stored directly on the ground.  | March 19, 2009         | 13-03-083-20W4 M.D. of Opportunity    | Operations were not suspended, as there was no existing or potential impact/hazard to the environment or the public.  Licensee cleaned up the contaminated material.  Licensee provided a plan to address the noncompliance and prevent future occurrences.  Compliance achieved. |

| #  | Licensee                     | ERCB Group/<br>Compliance Category                | Noncompliance<br>Event  | Date of<br>Enforcement | Surface Location                  | ERCB Action(s) and Licensee Response  |
|----|------------------------------|---|---|------------------------|-----------------------------------|---|
| 31 | Enterra Energy<br>Corp.      | Resources Applications/<br>Groundwater Protection | Failure to immediately notify the ERCB of water production above the threshold. | March 3, 2009          | 02-04-039-03W4<br>M.D. of Provost | Operations were not suspended, in accordance with Directive 044: Requirements for the Surveillance, Sampling, and Analysis of Water Production in Oil and Gas Wells Completed Above the Base of Groundwater Protection.  Licensee determined the source and composition of the produced water and provided a water analysis.  Licensee provided a plan to address the noncompliance and prevent future occurrences.  Compliance achieved. |
| 32 | EOG Resources<br>Canada Inc. | Resources Applications/<br>Commingling            | Improper use of the decision trees.   | March 20, 2009         | 06-13-030-24W4  Kneehill County   | Licensee confirmed in writing that the noncompliance has been addressed and that the well has been shut in and will remain shut in until the requisite approval is obtained.  Licensee provided a plan to address the noncompliance and prevent future occurrences.  Currently under review.  |

| Higl | h Risk Enforcemen        | t Action 1 <sup>1</sup>                           |   |                        |                                    |  |
|------|--------------------------|---|---|------------------------|------------------------------------|--|
| #    | Licensee                 | ERCB Group/<br>Compliance Category                | Noncompliance<br>Event  | Date of<br>Enforcement | Surface Location                   | ERCB Action(s) and Licensee Response   |
| 33   | Exshaw Oil Corp.         | Geology and Reserves/<br>Oil Overproduction       | Failure to retire oil overproduction.   | March 31, 2009         | 14-21-077-07W6 Saddle Hills County | Operations not suspended because all cumulative overproduction has been retired.  Licensee confirmed in writing that all overproduction is retired.  Licensee was directed to develop and implement a plan to address the noncompliance and prevent future occurrences.  All overproduction retired.  Compliance achieved.   |
| 34   | Fairmount<br>Energy Inc. | Resources Applications/<br>Groundwater Protection | Failure to immediately notify the ERCB of water production above the threshold. | March 3, 2009          | 05-13-049-28W4 Leduc County        | Operations were not suspended, in accordance with Directive 044: Requirements for the Surveillance, Sampling, and Analysis of Water Production in Oil and Gas Wells Completed Above the Base of Groundwater Protection.  Licensee determined the source and composition of the produced water and provided a water analysis.  Licensee provided a plan to address the noncompliance and prevent future occurrences.  Currently under review. |

| Higl | h Risk Enforcemen                | t Action 11                                       |  |                        |  |  |
|------|----------------------------------|---|--|------------------------|--|--|
| #    | Licensee                         | ERCB Group/<br>Compliance Category                | Noncompliance<br>Event   | Date of<br>Enforcement | Surface Location   | ERCB Action(s) and Licensee Response   |
| 35   | Fairwest Energy<br>Corporation   | Resources Applications/<br>Groundwater Protection | Failure to immediately notify the ERCB of water production above the threshold.            | March 3, 2009          | 05-04-032-09W4<br>Special Area 4<br>(near Youngstown)<br>04-25-032-10W4<br>Special Area 2<br>(near Richdale) | Operations were not suspended, in accordance with Directive 044: Requirements for the Surveillance, Sampling, and Analysis of Water Production in Oil and Gas Wells Completed Above the Base of Groundwater Protection.  Licensee determined the source and composition of the produced water and provided a water analysis, under review.  Licensee provided a plan to address the noncompliance and prevent future occurrences.  Currently under review. |
| 36   | Great Plains<br>Exploration Inc. | Field Surveillance/<br>Gas Facilities             | Flame-type equipment without workable flame arrester less than 25 m from a process vessel. | March 24, 2009         | 02-20-066-21W4  County of Athabasca  | Operations were not suspended as the noncompliance was corrected during the inspection.  Licensee installed the screw plate.  Licensee provided a plan to address the noncompliance and prevent future occurrences.  Compliance achieved.  |

| #  | Licensee                    | ERCB Group/<br>Compliance Category  | Noncompliance<br>Event  | Date of<br>Enforcement  | Surface Location  | ERCB Action(s) and Licensee Response  |
|----|-----------------------------|---|---|---|---|---|
| 37 | Harvest<br>Operations Corp. | perations Corp. Groundwater Protection notify the ERCB of water production above the threshold.  M.D. of Lesser Slave River  02-07-087-10W5 | March 3, 2009   | M.D. of Lesser Slave<br>River   | Operations were not suspended, in accordance with Directive 044: Requirements for the Surveillance, Sampling, and Analysis of Water Production in Oil and Gas Wells Completed Above the Base of Groundwater Protection. |   |
|    |                             |   |   | Licensee determined the source and composition of the produced water and provided a water analysis. |   |   |
|    |                             |   |   | Licensee provided a plan to address the noncompliance and prevent future occurrences.               |   |   |
|    |                             |   |   |   |   | Currently under review.   |
| 38 | Harvest<br>Operations Corp. | Geology and Reserves/<br>Oil Overproduction   | Failure to retire oil overproduction.                               | March 31, 2009  | 07-06-044-06W5  Clearwater County   | Licensee confirmed that the well has been shut in and will remain shut in until all overproduction has been retired.        |
|    |                             |   |   |   |   | Licensee was directed to develop<br>and implement a plan to address<br>the noncompliance and prevent<br>future occurrences. |
|    |                             |   |   |   |   | All overproduction retired.   |
|    |                             |   |   |   |   | Compliance achieved.  |
| 39 | Husky Oil                   | Field Surveillance/   | Mechanical excavation   | March 23, 2009  | 09-32-108-07W6  | Operations suspended.   |
|    | Operations<br>Limited       | Pipelines   | takes place within 5 m of existing pipeline prior to hand exposure. |   | M.D. of Mackenzie   | Licensee reviewed its ground disturbance policies with staff.   |
|    |                             |   |   |   |   | Licensee provided a plan to address the noncompliance and prevent future occurrences.                                       |
|    |                             |   |   |   |   | Compliance achieved.  |

| #  | Licensee                       | ERCB Group/<br>Compliance Category                | Noncompliance<br>Event   | Date of<br>Enforcement | Surface Location                      | ERCB Action(s) and Licensee Response   |
|----|--------------------------------|---|--|------------------------|---------------------------------------|--|
| 40 | Intrepid Energy<br>Corporation | Field Surveillance/<br>Pipelines                  | Pipeline sign missing or defaced on both sides of a crossing.                        | March 27, 2009         | 16-18-036-01W5<br>Red Deer County     | Operations were not suspended, as the licensee installed new signs.  Licensee provided a plan to address the noncompliance and prevent future occurrences.  Compliance achieved.   |
| 41 | Iteration Energy<br>Ltd.       | Resources Applications/<br>Groundwater Protection | Failure to immediately notify the ERCB of water production above the threshold.      | March 3, 2009          | 11-03-079-14W4<br>Lac La Biche County | Operations were not suspended, in accordance with Directive 044: Requirements for the Surveillance, Sampling, and Analysis of Water Production in Oil and Gas Wells Completed Above the Base of Groundwater Protection.  Licensee determined the source and composition of the produced water and provided a water analysis.  Licensee provided a plan to address the noncompliance and prevent future occurrences.  Currently under review. |
| 42 | Just Freehold<br>Energy Corp.  | Field Surveillance/<br>Well Site Inspection       | Residents within required radius not notified or flaring or venting (Directive 060). | March 13, 2009         | 10-19-038-26W4<br>Red Deer County     | Operations were not suspended as the well is shut in.  Licensee implemented new flaring and venting procedures to ensure notification is completed.  Licensee provided a plan to address the noncompliance and prevent future occurrences.  Compliance achieved.   |

|    |                                     | EDCD Crown/   | Nancompliance  | Data of                |   | EDCD Action(s) and Licenses   |
|----|-------------------------------------|---|--|------------------------|---|---|
| #  | Licensee                            | ERCB Group/<br>Compliance Category                  | Noncompliance<br>Event   | Date of<br>Enforcement | Surface Location                                      | ERCB Action(s) and Licensee Response  |
| 43 | Koch Exploration<br>Canada G/P Ltd. | Facilities Applications/<br>Participant Involvement | Incomplete public and/or industry personal consultation and notification prior to filing the application.                              | March 24, 2009         | 16-34-080-18W5  Northern Sunrise County               | Licence(s) not cancelled or suspended as the noncompliance was promptly corrected.  Licensee provided a plan to address the noncompliance and prevent future occurrences.  Compliance achieved.   |
| 44 | Korea National<br>Oil Corporation   | Field Surveillance/<br>Well Site Inspection         | Noncompliance with other ERCB regulations and requirements - release criteria in Directive 055/Directive 058 not met prior to release. | March 4, 2009          | 01-12-076-07W4  Regional Municipality of Wood Buffalo | Operations were not suspended because the flow test at this location was complete, the released fluid was frozen and no additional fluids would be pimped off site.  Licensee has updated internal procedures to ensure that all fluids meet the minimum required criteria of ERCB directives prior to any controlled release of fluids offsite.  Licensee has updated internal procedures to ensure that contact is regularly made with ERCB and Alberta Environment during the course of field work.  Licensee provided a plan to address the noncompliance and prevent future occurrences.  Compliance achieved. |

| Higl | h Risk Enforcemen            | t Action 11                           |   |                        |                                |   |
|------|------------------------------|---------------------------------------|---|------------------------|--------------------------------|---|
| #    | Licensee                     | ERCB Group/<br>Compliance Category    | Noncompliance<br>Event  | Date of<br>Enforcement | Surface Location               | ERCB Action(s) and Licensee Response  |
| 45   | Mec Operating<br>Company ULC | Field Surveillance/<br>Gas Facilities | Flare gas/acid gas/<br>vented gas -no acid gas<br>measurement, or total<br>acid gas not measured. | March 4, 2009          | 07-23-049-27W4<br>Leduc County | Operations were not suspended, as there was no existing or potential impact/hazard to the environment or the public.        |
|      |                              |                                       |   |                        |                                | Licensee installed a dilution gas meter.  |
|      |                              |                                       |   |                        |                                | Licensee provided a plan to address the noncompliance and prevent future occurrences.                                       |
|      |                              |                                       |   |                        |                                | Compliance achieved.  |
| 46   | NAL Resources                | Geology and Reserves/                 | Failure to retire oil   | March 4, 2009          | 10-19-024-19W4                 | Licensee confirmed that the well  |
|      | Limited                      | Oil Overproduction                    | overproduction.   |                        | Wheatland County               | has been shut in and will remain<br>shut in until all overproduction has<br>been retired.                                   |
|      |                              |                                       |   |                        |                                | Licensee was directed to develop<br>and implement a plan to address<br>the noncompliance and prevent<br>future occurrences. |
|      |                              |                                       |   |                        |                                | All overproduction retired.   |
|      |                              |                                       |   |                        |                                | Compliance achieved.  |

| Licensee                         | ERCB Group/ Compliance Category   | Noncompliance<br>Event   | Date of<br>Enforcement   | Surface Location  | ERCB Action(s) and Licensee Response   |
|----------------------------------|---|--|--|---|--|
| NEO Exploration Inc.             | Resources Applications/ Groundwater Protection  Failure to immediately notify the ERCB of water production above the threshold.  March 3, 2009  08-18-010-15W4 09-33-010-15W4 M.D. of Taber | 09-33-010-15W4   | Operations were not suspended, in accordance with Directive 044: Requirements for the Surveillance, Sampling, and Analysis of Water Production in Oil and Gas Wells Completed Above the Base of Groundwater Protection.  Licensee determined the source  |   |  |
|                                  |   |  |  | and composition of the produced water and provided a water analysis.  Licensee provided a plan to address the noncompliance and prevent future occurrences.  Currently under review.  |  |
| Paramount Energy Operating Corp. | Resources Applications/<br>Groundwater Protection   | Failure to immediately notify the ERCB of water production above the threshold.  | March 3, 2009  | 09-26-079-06W4<br>05-12-080-06W4<br>Regional Municipality of<br>Wood Buffalo  | Operations were not suspended, in accordance with <i>Directive 044:</i> Requirements for the Surveillance, Sampling, and Analysis of Water Production in Oil and Gas Wells Completed Above the Base of Groundwater Protection.  Licensee to determine the source   |
|                                  |   |  |  |   | and composition of the produced water and provide a water analysis. Extension granted due to winter access.  Licensee provided a plan to address the noncompliance and prevent future occurrences—under  |
|                                  | NEO Exploration Inc.  Paramount Energy  | NEO Exploration Inc.  Resources Applications/ Groundwater Protection  Paramount Energy  Resources Applications/ Groundwater Protection | NEO Exploration Inc.  Resources Applications/ Groundwater Protection  Resources Applications/ Groundwater Protection  Resources Applications/ Groundwater Protection  Resources Applications/ Service of the production above the production above the production above the production above the service of the production above the service of the production above the produ | Licensee       Compliance Category       Event       Enforcement         NEO Exploration Inc.       Resources Applications/ Groundwater Protection       Failure to immediately notify the ERCB of water production above the threshold.       March 3, 2009         Paramount Energy Operating Corp.       Resources Applications/ Groundwater Protection       Failure to immediately notify the ERCB of water production above the       March 3, 2009 | Licensee       Compliance Category       Event       Enforcement       Surface Location         NEO Exploration Inc.       Resources Applications/ Groundwater Protection       Failure to immediately notify the ERCB of water production above the threshold.       March 3, 2009       08-18-010-15W4 09-33-010-15W4 M.D. of Taber         Paramount Energy Operating Corp.       Resources Applications/ Groundwater Protection       Failure to immediately notify the ERCB of water production above the production above the       March 3, 2009       09-26-079-06W4 05-12-080-06W4 Regional Municipality of |

| #  | Licensee          | ERCB Group/<br>Compliance Category   | Noncompliance<br>Event  | Date of<br>Enforcement | Surface Location  | ERCB Action(s) and Licensee Response   |
|----|-------------------|--|---|------------------------|---|--|
| 49 | Petro Buyers Inc. | Field Surveillance/  | Operator is aware of a reportable release but neglects to report it.                                | March 2, 2009          | 04-36-049-06W5  | Operations suspended.  |
|    |                   | Pipelines  |   |                        | Brazeau County  | Licensee cleaned up the spill.   |
|    |                   |  |   |                        |   | Licensee provided a plan to address the noncompliance and prevent future occurrences.          |
|    |                   |  |   |                        |   | Compliance achieved.   |
| 50 | Petro Buyers Inc. | Field Surveillance/<br>Pipelines   | Controlled Area - disregard for the requirements for marking of pipelines inside a controlled area. | March 3, 2009          | 04-36-049-06W5  | Operations were not suspended, as the pipeline was already shut in due                         |
|    |                   |  |   |                        | Brazeau County  | to a recent pipeline failure.  |
|    |                   |  |   |                        |   | Licensee located and marked all within required 30 m search area prior to resuming excavation. |
|    |                   |  |   |                        |   | Licensee updated procedures on preparation for ground disturbance.                             |
|    |                   |  |   |                        |   | Licensee provided a plan to address the noncompliance and prevent future occurrences.          |
|    |                   |  |   |                        |   | Require a plan to address the noncompliance and prevent future occurrences.                    |
|    |                   |  |   |                        |   | Compliance achieved.   |
| 51 | Petro Buyers Inc. | Field Surveillance/  | No operations and   | March 6, 2009          | 04-36-049-06W5  | Operations suspended.  |
|    | Pipelines         | Pipelines  | maintenance procedures manual, or not followed.   |                        | Brazeau County  | Licensee installed a cathodic protection system.   |
|    |                   | External Corrosion Control/Cathodic Surveys -Cathodic protection system-not operational or not |   |                        | Licensee provided a plan to address the noncompliance and prevent future occurrences.  Compliance achieved. |  |

| #  | Licensee                                       | ERCB Group/<br>Compliance Category          | Noncompliance<br>Event  | Date of<br>Enforcement | Surface Location                                      | ERCB Action(s) and Licensee Response   |
|----|--|---|---|------------------------|---|--|
| 52 | Petro Buyers Inc.                              | Field Surveillance/<br>Pipelines            | No operations and maintenance procedures manual, or not followed.  External Corrosion Control/Cathodic Surveys -Cathodic protection system-not operational or not installed.  Internal Corrosion Control -Internal corrosion control—no monitoring and mitigation in corrosive environment. | March 10, 2009         | 12-35-049-06W5 Brazeau County                         | Operations suspended.  Licensee implemented an operations and maintenance procedures manual.  Licensee installed a cathodic protection system.  Licensee implemented a corrosion control program.  Licensee provided a plan to address the noncompliance and prevent future occurrences.  Compliance achieved. |
| 53 | Peyto<br>Exploration &<br>Development<br>Corp. | Environment Group/<br>Drilling Waste Audits | ERCB approval was not obtained by licensee when using advanced gel chemical system.   | March 16, 2009         | 09-23-055-21W5<br>11-23-055-20W5<br>Yellowhead County | Suspension of operations at this time was not deemed appropriate as disposal operations were completed in 2008.  Licensee provided a plan to address the noncompliance and prevent future occurrences.  Compliance achieved.   |
| 54 | Peyto<br>Exploration &<br>Development<br>Corp. | Environment Group/<br>Drilling Waste Audits | Sump closure was not completed within 12 months of drilling rig release.  | March 16, 2009         | 16-03-054-22W5<br>Yellowhead County                   | Operations were not suspended, as further delays to the disposal operations would have resulted in a further risk to the environment.  Licensee provided a plan to address the noncompliance and prevent future occurrences.  Compliance achieved.   |

| #  | Licensee                       | ERCB Group/ Compliance Category                              | Noncompliance<br>Event   | Date of<br>Enforcement | Surface Location                      | ERCB Action(s) and Licensee Response   |
|----|--------------------------------|--|--|------------------------|---------------------------------------|--|
| 55 | Power Play<br>Resources Ltd.   | Facilities Applications/<br>Facilities Technical             | Not completing an acceptable noise impact assessment prior to filing an application.   | March 5, 2009          | 09-18-082-07W6<br>Saddle Hills County | Licence(s) not cancelled or suspended, as the noncompliance was promptly corrected.  Licensee provided a plan to address the noncompliance and prevent future occurrences.  Compliance achieved.   |
| 56 | Provident<br>Acquisitions Inc. | Field Surveillance/<br>Pipelines                             | Corrosion Internal - There is no documented monitoring or mitigation program in place and/or company is not following program. | March 18, 2009         | 14-07-014-18W4<br>M.D. of Taber       | Operations were not suspended, as the failed segment of the pipeline has been isolated and repaired and is no longer in use.  Licensee implemented a corrosion control program to help address abandoned segments of pipelines.  Licensee provided a plan to address the noncompliance and prevent future occurrences.  Compliance achieved. |
| 57 | Provident Energy<br>Ltd.       | Operations Group/<br>Production Measurement<br>and Reporting | Inaccurate reporting of vent gas.  | March 27, 2009         | 14-23-040-02W5 Ponoka County          | Operations were not suspended, as there was no existing or potential impact/hazard to the environment or the public.  Licensee submitted its amended accounting figures.  Licensee provided a plan to address the noncompliance and prevent future occurrences.  Currently under review.   |

| Higl | n Risk Enforcemen         | t Action 1 <sup>1</sup>                                      |  |                        |                                    |   |
|------|---------------------------|--|--|------------------------|------------------------------------|---|
| #    | Licensee                  | ERCB Group/<br>Compliance Category                           | Noncompliance<br>Event   | Date of<br>Enforcement | Surface Location                   | ERCB Action(s) and Licensee Response  |
| 58   | Provident Energy<br>Ltd.  | Operations Group/<br>Production Measurement<br>and Reporting | Inaccurate reporting of vent gas.  No approval when required.  Inaccurate accounting and reporting of actual gas production.  Inaccurate accounting and reporting of gas dispositions. | March 27, 2009         | 14-25-040-02W5 Lacombe County      | Operations were not suspended, as there was no existing or potential impact/hazard to the environment or the public.  Licensee submitted its amended accounting figures.  Licensee provided a plan to address the noncompliance and prevent future occurrences.  Currently under review.  |
| 59   | Sabretooth<br>Energy Ltd. | Resources Applications/<br>Groundwater Protection            | Failure to immediately notify the ERCB of water production above the threshold.  | March 3, 2009          | 09-15-079-10W6 Saddle Hills County | Operations were not suspended, in accordance with Directive 044: Requirements for the Surveillance, Sampling, and Analysis of Water Production in Oil and Gas Wells Completed Above the Base of Groundwater Protection.  Licensee determined the source and composition of the produced water and provided a water analysis.  Licensee provided a plan to address the noncompliance and prevent future occurrences.  Compliance achieved. |

| Hig | h Risk Enforcemen             | t Action 11                                |  |                        |                                   |   |
|-----|-------------------------------|--|--|------------------------|-----------------------------------|---|
| #   | Licensee                      | ERCB Group/<br>Compliance Category         | Noncompliance<br>Event   | Date of<br>Enforcement | Surface Location                  | ERCB Action(s) and Licensee Response  |
| 60  | Second Wave<br>Petroleum Inc. | Field Surveillance/<br>Drilling Operations | Accumulator pressure dropped below 8400 kPa after function test (of all required BOP components) with the recharge pump off. | March 2, 2009          | 08-20-038-03W4<br>M.D. of Provost | Operations suspended.  Licensee repaired the accumulator and performed a function test.  Licensee provided a plan to address the noncompliance and prevent future occurrences.  Compliance achieved.  |
| 61  | SemCAMS ULC                   | Field Surveillance/<br>Gas Facilities      | H <sub>2</sub> S emissions off lease (identify source and cause).  | March 20, 2009         | 05-31-054-22W5 Yellowhead County  | Operations were not suspended, as mitigative measures have been put in place by shutting off the fuel gas that flows into this tank.  Licensee made repairs to the tank that was the source of the odour(s).  Licensee provided a plan to address the noncompliance and prevent future occurrences.  Compliance achieved. |
| 62  | Strike Petroleum<br>Ltd.      | Field Surveillance/<br>Pipelines           | Corrosion External -<br>Cathodic protection not<br>installed within one year<br>of service/operation.                        | March 20, 2009         | 08-08-020-19W4  Vulcan County     | Operations suspended.  Licensee repaired the pipeline and installed a cathodic protection program.  Licensee provided a plan to address the noncompliance and prevent future occurrences.  Compliance achieved.   |

| Hig | h Risk Enforcemen           | t Action 1 <sup>1</sup>                                      |   |                     |  |   |
|-----|-----------------------------|--|---|---------------------|--|---|
| #   | Licensee                    | ERCB Group/<br>Compliance Category                           | Noncompliance<br>Event  | Date of Enforcement | Surface Location   | ERCB Action(s) and Licensee Response  |
| 63  | Sword Energy<br>Inc.        | Operations Group/<br>Production Measurement<br>and Reporting | Delivery point hydrocarbon liquid measuring device does not exist, is not installed correctly, or in use. | March 27, 2009      | 04-25-023-14W4<br>Special Area 2<br>(near Cessford)                      | Operations were not suspended, as there was no existing or potential impact/hazard to the environment or the public.  Licensee submitted its amended  |
|     |                             |  |   |                     |  | accounting figures.  Licensee provided a plan to address the noncompliance and prevent future occurrences.  Currently under review.   |
| 64  | Taqa North Ltd.             | Field Surveillance/<br>Gas Facilities                        | Flame-type equipment<br>without workable flame<br>arrester less than 25 m<br>from a process vessel.       | March 20, 2009      | 08-12-039-08W5 Clearwater County   | Operations were not suspended, as the noncompliance was promptly corrected.  Licensee installed nuts/bolts on the flame arrester.  Licensee provided a plan to address the noncompliance and prevent future occurrences.  Compliance achieved.  |
| 65  | Vermilion<br>Resources Ltd. | Resources Applications/<br>Commingling                       | Commingling without approval.   | March 20, 2009      | 10-24-064-22W4<br>County of Athabasca<br>14-32-042-01W5<br>Ponoka County | Licensee confirmed in writing that the noncompliance has been addressed and that the well has been shut in and will remain shut in until the requisite approval is obtained.  Licensee provided a plan to address the noncompliance and prevent future occurrences.  Compliance achieved. |

| #  | Licensee                    | ERCB Group/<br>Compliance Category                           | Noncompliance<br>Event   | Date of<br>Enforcement | Surface Location                  | ERCB Action(s) and Licensee Response   |
|----|-----------------------------|--|--|------------------------|-----------------------------------|--|
| 66 | Winstar<br>Resources Ltd.   | Operations Group/<br>Production Measurement<br>and Reporting | Inaccurate reporting of vent gas.  Delivery point hydrocarbon liquid measuring device does not exist, is not installed correctly, or in use. | March 30, 2009         | 12-06-008-15W4<br>M.D. of Taber   | Operations were not suspended, as there was no existing or potential impact/hazard to the environment or the public.  Licensee submitted its amended accounting figures.  Licensee provided a plan to address the noncompliance and prevent future occurrences.  Currently under review.   |
| 67 | Yellow Brick<br>Energy Ltd. | Resources Applications/<br>Groundwater Protection            | Failure to immediately notify the ERCB of water production above the threshold.  | March 3, 2009          | 06-16-036-01W5<br>Red Deer County | Operations were not suspended, in accordance with Directive 044: Requirements for the Surveillance, Sampling, and Analysis of Water Production in Oil and Gas Wells Completed Above the Base of Groundwater Protection.  Licensee determined the source and composition of the produced water and provided a water analysis.  Licensee provided a plan to address the noncompliance and prevent future occurrences.  Currently under review. |

| High | n Risk Enforcement       | t Action 1 <sup>1</sup>               |   |                     |                                  |   |
|------|--------------------------|---------------------------------------|---|---------------------|----------------------------------|---|
| #    | Licensee                 | ERCB Group/<br>Compliance Category    | Noncompliance<br>Event  | Date of Enforcement | Surface Location                 | ERCB Action(s) and Licensee Response  |
| 68   | Zargon Oil & Gas<br>Ltd. | Field Surveillance/<br>Well Servicing | Noncompliant with other ERCB requirement – no documentation on Directive 033: Well Servicing and Completions Operations - Interim Requirement Regarding the Potential for Explosive Mixtures and Ignition in Wells. | March 2, 2009       | 05-01-008-17W4<br>M.D. of Taber  | Operations suspended.  Licensee reviewed the requirements of <i>Directive 033</i> .  Licensee provided a plan to address the noncompliance and prevent future occurrences.  Compliance achieved.  |
| 69   | Zargon Oil & Gas<br>Ltd. | Field Surveillance/<br>Well Servicing | Crew blowout preventer training - Crew drills not being performed.  | March 4, 2009       | 07-21-050-10W5<br>Brazeau County | Operations were not suspended, as the well servicing operations had been completed for the day.  Licensee implemented checklists to ensure that crew drills are being performed.  Licensee provided a plan to address the noncompliance and prevent future occurrences.  Compliance achieved. |

| # | Licensee       | ERCB Group/ Compliance Category | Noncompliance<br>Event  | Date of<br>Enforcement | Surface Location  | ERCB Action(s) and Licensee Response   |
|---|----------------|---------------------------------|---|------------------------|-------------------|--|
|   | Penn West      | Field Surveillance/             | Poor construction   | March 5, 2009          | 10-25-067-10W5    | Licensee had a previous High Risk  |
|   | Petroleum Ltd. | Pipelines                       | practices resulting in failure within one year's service/operation. |                        | M.D. of Big Lakes | Action 2 in this category and failed to operate in compliance within the 60-day time period. |
|   |                |                                 |   |                        |                   | Operations suspended.  |
|   |                |                                 |   |                        |                   | Licensee repaired the pipeline and corrected the improper support of the pipeline.           |
|   |                |                                 |   |                        |                   | Licensee provided a plan to addre<br>the noncompliance and prevent<br>future occurrences.    |
|   |                |                                 |   |                        |                   | Licensee met with the ERCB to review its action plan.  |
|   |                |                                 |   |                        |                   | Compliance achieved.   |

| High | Risk Enforcement | Action 3 (Failure to Comply        | or Demonstrated Disrega | ard) <sup>3</sup>      |                  |                                      |
|------|------------------|------------------------------------|-------------------------|------------------------|------------------|--------------------------------------|
| #    | Licensee         | ERCB Group/<br>Compliance Category | Noncompliance<br>Event  | Date of<br>Enforcement | Surface Location | ERCB Action(s) and Licensee Response |
|      | None             |                                    |                         |                        |                  |                                      |

| # | Licensee                  | ERCB Group/ Compliance Category  | Noncompliance<br>Event           | Date of<br>Enforcement | Surface Location  | ERCB Action(s) and Licensee Follow-up   |
|---|---------------------------|--|----------------------------------|------------------------|---|---|
| 1 | Devexco<br>Resources Ltd. | Corporate Compliance/ Noncompliance with Liability Management Program Requirements | Failure to pay security deposit. | March 4, 2009          | Well licences: 01-06-045-04W4 08-06-045-04W4 09-06-045-04W4 M.D. of Wainwright  02-13-029-02W5 Mountain View County  03-07-057-01W5 County of Barrhead Facility licence: 00/03-07-057-01W5 County of Barrhead  Pipelines: 01-06-045-04W4 M.D. of Wainwright | This is an escalation from previous enforcement actions reported on December 30, 2008, and January 21, 2009.  Global Refer status.  Issuance of Abandonment Orders No. AD 2009-7, AD 2009-8, AD 2009-9, AD 2009-10, AD 2009-11 AND Closure/Abandonment Order No.: AD 2009-12.  Abandonment of well and facility licences, and suspension and abandonment of pipeline licences.  Licensee required to abandon the licences or pay the security deposit and provide a written explanation acceptable to the ERCB addressing the failure to respond and detailing steps to prevent future occurrences. Senior Devexco Resources representatives with provincial authority must meet with the ERCB to review Devexco Resources Ltd.'s noncompliant history and corrective action plan.  Devexco Resources Ltd. successfully transferred three well licences to an eligible licensee, fully secured its post-transfer LLR, provided a written explanation addressing the failure to respond and detailing steps to prevent future occurrences, and met with the ERCB's Enforcement Section |

| # | Licensee                     | ERCB Group/<br>Compliance Category  | Noncompliance<br>Event           | Date of<br>Enforcement | Surface Location  | ERCB Action(s) and Licensee Follow-up  |
|---|------------------------------|---|----------------------------------|------------------------|---|--|
|   |                              |   |                                  |                        |   | to review Devexco Resources Ltd.'s noncompliant history and corrective action plan.  |
|   |                              |   |                                  |                        |   | Compliance achieved.   |
| 2 | First West<br>Petroleum Inc. | Corporate Compliance/<br>Noncompliance with<br>Liability Management<br>Program Requirements | Failure to pay security deposit. | March 9, 2009          | Well licences: 07-12-026-03W4 07-12-026-03W4 09-12-026-03W4 12-12-026-03W4 14-12-026-03W4 M.D. of Acadia  08-16-034-16W4 County of Stettler 01-32-047-06W4 01-32-047-06W4 08-32-047-06W4 County of Vermilion River  11-28-052-01W5 12-30-054-01W5 Parkland County  04-05-055-24W4 Sturgeon County  05-03-058-14W5 Woodlands County  05-31-066-23W4 01-36-066-24W4 County of Athabasca Facility licence: 00/01-32-047-06W4 County of Vermilion River | This is an escalation from a previous enforcement action initially reported on February 20, 2009.  Global Refer status.  Issuance of Closure Orders No. C 1147 and C 1150  Suspension of well and facility licences.  Licensee required to pay the security deposit and provide a written explanation acceptable to the ERCB addressing the failure to respond and detailing steps to prevent future occurrences.  First West Petroleum Inc. submitted the full security amount and provided a written explanation acceptable to the ERCB addressing the failure to respond and detailing steps to prevent future occurrences.  Compliance achieved. |

| Energy Corp.  Noncompliance with Liability Management Program Requirements  deposit.  Deposit. Deposit. Deposit. Dep | # | Licensee   | ERCB Group/ Compliance Category  | Noncompliance<br>Event        | Date of<br>Enforcement | Surface Location   | ERCB Action(s) and Licensee Follow-up  |
|--|---|------------|--|-------------------------------|------------------------|--|--|
| A working interest participant   |   | Magnus One | Compliance Category  Corporate Compliance/ Noncompliance with Liability Management | Event Failure to pay security | Enforcement            | Well licences: 09-11-012-22W4 09-18-012-19W4 11-18-012-19W4 11-08-012-19W4 County of Lethbridge  12-26-031-12W4 Special Area 2 (near Richdale) Facility licences: 00/11-08-012-19W4 00/01-18-012-19W4 County of Lethbridge  Pipelines: 11-18-012-19W4 09-18-012-19W4 | This is an escalation from previous enforcement actions reported on January 14, 2009, and February 5, 2009.  Global Refer status.  Issuance of Abandonment Orders No. AD 2009-14, AD 2009-15, AD 2009-16 AND Closure/Abandonment Order No.: AD 2009-17.  Abandonment of well and facility licences, and suspension and abandonment of pipeline licences.  Licensee required to abandon the licences or pay the security deposit and provide a written explanation acceptable to the ERCB addressing the failure to respond and detailing steps to prevent future occurrences. Senior Magnus One Energy Corp. representatives with provincial authority must meet with the ERCB to review Magnus One Energy Corp.'s noncompliant history and corrective action plan.  Magnus One Energy Corp. failed to comply.  A working interest participant satisfactorily abandoned the well |

| # | Licensee        | ERCB Group/ Compliance Category      | Noncompliance<br>Event                                       | Date of<br>Enforcement | Surface Location                             | ERCB Action(s) and Licensee Follow-up   |
|---|-----------------|--------------------------------------|--|------------------------|--|---|
| 4 | NVI Mining Ltd. | Corporate Compliance/<br>Orphan Levy | Failure to pay 2008<br>Orphan Fund Levy plus<br>20% penalty. | March 10, 2009         | 16-07-026-16W4 Special Area 2 (near Dorothy) | This is an escalation from previous enforcement actions reported on December 17, 2008, and February 4, 2009  Global Refer status.  Issuance of Abandonment Order No.: AD 2009-13.  Abandonment of well licence.  Licensee required to abandon the licence or pay the 2008 Orphan Fund Levy 20% penalty and provide a written explanation acceptable to the ERCB addressing the failure to respond and detailing steps to prevent future occurrences. Senior NVI Mining Ltd. representatives with provincial authority must meet with the ERCB to review NVI Mining Ltd.'s noncompliant history and corrective action plan.  NVI Mining Ltd. submitted full payment of its 2008 Orphan Fund Levy and 20% penalty, submitted a written explanation acceptable to the ERCB addressing the failure to respond and detailing steps to prevent future occurrences, and met with the ERCB to review the noncompliant history and corrective action plan.  Compliance achieved. |

| # | Licensee                             | ERCB Group/<br>Compliance Category                                  | Noncompliance<br>Event  | Date of<br>Enforcement | Surface Location               | ERCB Action(s) and Licensee Follow up   |
|---|--------------------------------------|---|---|------------------------|--------------------------------|---|
| 1 | Alberta Pinnacle<br>Oil Company Ltd. | Corporate Compliance/<br>Petroleum and Natural<br>Gas Rights Expiry | Failure to prove to the satisfaction of the ERCB that Alberta Pinnacle Oil Company Ltd. has a valid entitlement to the right to produce the well. | March 24, 2009         | 04-09-034-20W4 Starland County | Global Refer status.  Issuance of Closure Order No.: C 1151.  Suspension of well licence.  Licensee required to complete one of the following: a) reacquire or reinstate the mineral rights; b) convert the well for water disposal or injection; c) transfer the well licence to a viable licensee and link the wellbore to an active mineral agreement; or d) abandon the well.  In addition, licensee required to provide a written explanation acceptable to the ERCB identifying the root causes of the noncompliance and detailing steps to prevent occurrence of a similar event, and meet with the ERCB to explain its noncompliance issues and the devised action plan.  Alberta Pinnacle Oil Company Ltd. failed to comply. Abandonment Order No. AD 2009-23 subsequently issued.  Alberta Pinnacle Oil Company Ltd. failed to subsequently comply with the Abandonment Order. The ERCB notified Alberta Pinnacle Oil Company Ltd. of its intention to have the well abandoned as a |

| # | Licensee         | ERCB Group/<br>Compliance Category                                  | Noncompliance<br>Event             | Date of<br>Enforcement | Surface Location        | ERCB Action(s) and Licensee Follow up  |
|---|------------------|---|------------------------------------|------------------------|-------------------------|--|
|   |                  |   |                                    |                        |                         | result of the breaching of the Abandonment Order.  |
|   |                  |   |                                    |                        |                         | Alberta Pinnacle Oil Company Ltd. and working interest participant Calstar Oil & Gas Ltd. were subsequently deemed defaulting working interest participants, and well licence designated orphan for the purposes of abandonment.   |
| 2 | Ltd. Petroleum a | Corporate Compliance/<br>Petroleum and Natural<br>Gas Rights Expiry | um and Natural satisfaction of the | March 4, 2009          | 08-36-097-08W6          | Global Refer status.   |
|   |                  |   |                                    |                        | M.D. of Northern Lights | Issuance of Closure Order<br>No.: C 1148.  |
|   |                  |   |                                    |                        |                         | Suspension of well licence.  |
|   |                  |   |                                    |                        |                         | Licensee required to: abandon the 08-36-097-08W6 well; complete the Digital Data Submission indicating both the downhole and surface abandonment; provide a written explanation acceptable to the ERCB addressing the failure to respond and detailing steps to prevent future occurrences; and, meet with the ERCB to review its noncompliance history and action plan. |
|   |                  |   |                                    |                        |                         | Arcan Resources Ltd. subsequently abandoned the well, completed the Digital Data Submission, submitted an action plan that was accepted by the ERCB, and met with the ERCB to review the noncompliance issues and the devised corrective action plan.  |

| Legi | Legislative/Regulatory Enforcement Action <sup>5</sup> |   |   |                        |  |   |  |
|------|--|---|---|------------------------|--|---|--|
| #    | Licensee   | ERCB Group/<br>Compliance Category                                  | Noncompliance<br>Event  | Date of<br>Enforcement | Surface Location   | ERCB Action(s) and Licensee Follow up   |  |
| 3    | First West<br>Petroleum Inc.                           | Corporate Compliance/ Petroleum and Natural Gas Rights Expiry       | Failure to prove to the satisfaction of the ERCB that First West Petroleum Inc. has a valid entitlement to the right to produce the well. | March 9, 2009          | 01-36-066-24W4 County of Athabasca   | Global Refer status.  Issuance of Closure Order No.: C 1149.  Suspension of well licence.  Licensee required to abandon the 01-36-066-24W4 well; complete the Digital Data Submission indicating both the downhole and surface abandonment; provide a written explanation acceptable to the ERCB addressing the failure to respond and detailing steps to prevent future occurrences; and, meet with the ERCB to review its noncompliance history and action plan.  First West Petroleum Inc. failed to comply. Abandonment Order No. AD 2009-29 subsequently issued.  First West Petroleum Inc. failed to subsequently comply with the Abandonment Order. The ERCB notified First West Petroleum Inc. of its intention to have the well abandoned as a result of the breaching of the Abandonment Order. |  |
| 4    | SynCo Exploration Inc.                                 | Corporate Compliance/<br>Petroleum and Natural<br>Gas Rights Expiry | Failure to prove to the satisfaction of the ERCB that SynCo Exploration Inc. has valid entitlements to the right to produce the wells.    | March 17, 2009         | 03-30-097-19W5 (2 well licenses at this surface location)  M.D. of Northern Lights | This is an escalation from a previous enforcement action initially reported on February 13, 2009.  Global Refer status.   |  |

| Legis | Legislative/Regulatory Enforcement Action <sup>5</sup> |                                    |                        |                        |                  |   |  |
|-------|--|------------------------------------|------------------------|------------------------|------------------|---|--|
| #     | Licensee   | ERCB Group/<br>Compliance Category | Noncompliance<br>Event | Date of<br>Enforcement | Surface Location | ERCB Action(s) and Licensee Follow up   |  |
|       |  |                                    |                        |                        |                  | Issuance of Abandonment Order<br>No.: AD 2009-18.   |  |
|       |  |                                    |                        |                        |                  | Abandonment of well licences.  Licensee required to: abandon the 02/03-30-097-19W5/0 and 00/03-30-097-19W5/0 wells; complete the Digital Data Submission indicating both the downhole and surface abandonment; provide a written explanation acceptable to the ERCB addressing the failure to respond and detailing steps to prevent future occurrences; and, meet with the ERCB to review their noncompliance history and action |  |
|       |  |                                    |                        |                        |                  | plan.  ERCB subsequently granted an extension until August 30, 2009, to abandon the subject wells.  |  |

#### **Endnotes**

#### <sup>1</sup> Directive 019 – High Risk Enforcement Action 1 Summary

In accordance with Directive 019: ERCB Compliance Assurance-Enforcement, High Risk Enforcement Action 1 is initiated against a licensee when the ERCB identifies a High Risk noncompliance event. To address High Risk Enforcement Action 1, the licensee must: immediately correct/address the High Risk noncompliance; if necessary, suspend operations (partial or full), when safe to do so, to remove the existing or potential impact/hazard (suspension will not occur if it results in an increased impact/hazard to the environment or public; compliance must be achieved prior to start-up); develop and implement a written action plan within 60 days (or in the time specified by the ERCB group); notify the ERCB group that the High Risk noncompliance has been corrected/addressed in the specified time. In addition, the ERCB will also apply one or more of the following enforcement actions as its authority provides: noncompliance fees; self-audit or inspections; increased audits or inspections; partial or full suspension until the noncompliance is corrected/addressed; suspension and/or cancellation of permit, licence, or approval.

### <sup>2</sup> Directive 019 – High Risk Enforcement Action 2 (Persistent Noncompliance) Summary

In accordance with Directive 019: ERCB Compliance Assurance-Enforcement, High Risk Enforcement Action 2 is initiated against a licensee who has an unacceptable rate, ratio, percentage or number of noncompliances, either in the same or in different compliance categories. To address High Risk Enforcement Action 2, the licensee must; immediately correct/address the High Risk noncompliance; develop and implement a written action plan within 30 days (or in the time specified by the ERCB group) addressing the root causes of previous noncompliance events and detailing what the licensee will do to prevent future noncompliance events in this compliance category/categories; if operations were suspended. have the action plan approved by the ERCB group before start-up; and review the action plan with the ERCB group in a meeting. In addition, the ERCB will also apply one or more of the following enforcement actions as its authority provides; noncompliance fees; self-audit or inspections; increased audits or inspections; partial or full suspension; suspension and/or cancellation of permit, licence, or approval.

#### <sup>3</sup> *Directive 019* – High Risk Enforcement Action 3 Summary

In accordance with Directive 019: ERCB Compliance Assurance-Enforcement. High Risk Enforcement Action 3 is initiated against a licensee who has failed to comply with the requirements of High Risk Enforcement Action 1, 2, or 3, or has demonstrated disregard of ERCB requirements that have been identified as High Risk. To address High Risk Enforcement Action 3. the licensee must: immediately correct/address the High Risk noncompliance; if necessary, suspend operations (partial or full), when safe to do so, to remove the existing or potential impact/hazard (suspension will not occur if it results in an increased impact/hazard to the environment or public); develop and implement a written action plan acceptable to the ERCB group that addresses the root causes of noncompliance events and details what the licensee will do to prevent future noncompliance events in this compliance category; and meet with the ERCB group to review and have the action plan approved before start-up of operations if operations were suspended. The ERCB will also apply one or more of the following enforcement actions as its authority provides: noncompliance fees; self-audit or inspections; third-party audits or inspections; partial or full suspension; suspension and/or cancellation of permit, licence, or approval; issuance of an Order (Miscellaneous, Closure, or Abandonment); "Refer" status; focused or global,

High Risk Enforcement Action 3 with global Refer results in formal orders to comply (Closure, Miscellaneous and Abandonment) and the imposition of the global Refer status against the licensee. The global Refer status indicates a licensee's inability or unwillingness to comply. The status will be considered by the ERCB when deciding to approve or deny future and pending applications by the licensee to the ERCB. In addition, conditions for continued operation may be applied to the entire company.

#### <sup>4</sup> Directive 019 – Low Risk Enforcement Action – Global Refer Summary

In accordance with Directive 019: ERCB Compliance Assurance-Enforcement, Low Risk Enforcement Action – global Refer is initiated against a licensee who has failed to correct/address a Low Risk noncompliance event in the time specified by the ERCB group. Low Risk Enforcement Action - global Refer enforcement results in the imposition of the global Refer status against the licensee and may result in formal orders to comply (Closure, Miscellaneous and Abandonment). The global Refer status indicates a licensee's inability or unwillingness to comply. The status will be considered by the ERCB when deciding to approve or deny future and pending applications by the licensee to the ERCB. In addition, conditions of continued operation may be applied to the entire company. To address Low Risk Enforcement Action, the licensee must: immediately correct/address the Low Risk noncompliance within the time specified by the ERCB group; notify the ERCB group that the Low Risk noncompliance has been corrected/addressed in the specified time; and provide a written explanation acceptable to the ERCB group addressing the failure to respond and detailing steps to prevent future occurrences.

#### <sup>5</sup> Legislative/Regulatory Enforcement Action Summary

In accordance with certain legislative authorities, Legislative/Regulatory enforcement results in the imposition of the global Refer status against the licensee and may result in formal orders to comply (Closure, Miscellaneous and Abandonment). The global Refer status indicates a licensee's inability or unwillingness to comply. The status will be considered by the ERCB when deciding to approve or deny future and pending applications by the licensee to the ERCB. In addition, conditions for continued operation may be applied to the entire company. Enforcement actions that are not administered through Directive 019, but rather through existing legislation, and for which enforcement proceeds directly to a formal order and global Refer are: mineral lease expiry, surface lease expiry, environmental and public safety concerns, and failure to demonstrate the right to the purpose of the wellbore, the right to access the surface, and a working interest ownership in the property.