

***The Oil and Gas Conservation (Miscellaneous) Amendment Regulations, 2017***

EXISTING PROVISION	PROPOSED PROVISION	EXPLANATION
<p><b>NEW</b></p>	<p><b>Title</b>  <b>1</b> These regulations may be cited as <i>The Oil and Gas Conservation (Miscellaneous) Amendment Regulations, 2017</i>.</p>	<p>Title of the regulations.</p>
<p><b>Interpretation</b>  <b>2</b> For the purposes of the Act and in these regulations:                      (a) <b>“acknowledgement of reclamation”</b> means an acknowledgement of reclamation issued by the minister pursuant to subsection 56(4);                      (b) <b>“Act”</b> means <i>The Oil and Gas Conservation Act</i>;                       (c) <b>“approved”</b> means approved by the minister;                      (c.1) <b>“arm’s-length agreement”</b> means a transaction or agreement between persons that are not related persons;                      (d) <b>“battery”</b> means common storage facilities receiving production from a well or wells and includes equipment for separating the fluid into oil, gas, water and any other substances and for measurement;                      (e) <b>“blow-out”</b> means an unintended flow of oil, gas, water, products or other substances:</p>	<p><b>Interpretation</b>  <b>2</b> For the purposes of the Act and in these regulations:                      (a) <b>“acknowledgement of reclamation”</b> means an acknowledgement of reclamation issued by the minister pursuant to subsection 56(4);                      (b) <b>“Act”</b> means <i>The Oil and Gas Conservation Act</i>;                      (b.1) <b>“allowable rate of production”</b> means, in the case of a completion, the amount of oil or gas a well is authorized to produce subject to any applicable penalty factors;                      (c) <b>“approved”</b> means approved by the minister;                      (c.1) <b>“arm’s-length agreement”</b> means a transaction or agreement between persons that are not related persons;                      (d) <b>“battery”</b> means common storage facilities receiving production from a well or wells and includes equipment for separating the fluid into oil, gas, water and any other substances and for measurement;                      (e) <b>“blow-out”</b> means an unintended flow of oil, gas, water, products or other</p>	<p>New definitions are added :                      Allowable rates of production (b.1)                      Boss wellbore (f.01)                      Completion (f.2)</p> <p>Clause b.1 is added to define allowable rate of production (ARP) including its application to situations where ARP is subject to a penalty factor.</p>

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<p>(i) at the surface that cannot be controlled by existing well head or blow- out prevention equipment; or</p> <p>(ii) from one formation to another formation within a well that cannot be controlled by increasing fluid density;</p> <p>(f) <b>“blow-out preventer”</b> means a special casing head used in rotary drilling, well completions and workovers to prevent the uncontrolled escape of liquid or gas from a well;</p> <p>(f.1) <b>“business day”</b> means a day other than a Saturday, Sunday or holiday;</p> <p>(g) <b>“condensate”</b> means a liquid hydrocarbon product that existed in the reservoir in a gaseous phase at original conditions and that is recovered from a gas stream when pressure and temperature are reduced to not lower than those at atmospheric conditions;</p> <p>(h) <b>“cubic metre of gas”</b> means the volume of gas contained in one cubic metre of</p>	<p>substances:</p> <p>(i) at the surface that cannot be controlled by existing well head or blow- out prevention equipment; or</p> <p>(ii) from one formation to another formation within a well that cannot be controlled by increasing fluid density;</p> <p>(f) <b>“blow-out preventer”</b> means a special casing head used in rotary drilling, well completions and workovers to prevent the uncontrolled escape of liquid or gas from a well;</p> <p>(f.01) <b>“boss wellbore”</b> means the first wellbore drilled in a well;</p> <p>(f.1) <b>“business day”</b> means a day other than a Saturday, Sunday or holiday;</p> <p>(f.2) <b>“completion”</b> means a set of one or more wellbore contact intervals that function in unison to produce or inject fluids or to monitor reservoir performance;</p> <p>(g) <b>“condensate”</b> means a liquid hydrocarbon product with a density equal to or less than 780 kilograms per cubic metre that:</p> <p>(i) existed in the reservoir in a gaseous phase at original conditions; and</p> <p>(ii) is recovered from a gas stream when pressure and temperature are reduced to not lower than those at atmospheric conditions;</p> <p>(h) <b>“cubic metre of gas”</b> means the volume</p>	<p>New definitions for <b>boss wellbore</b> and <b>completion</b> are added to align the regulations with the Professional Petroleum Data Management (PPDM) standard used in IRIS.</p> <p>The definition of <b>condensate</b> is amended to clarify the criteria used for determining whether a liquid hydrocarbon is a condensate for the purposes of the regulations.</p>

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<p>space at a standard pressure of 101.325 kilopascals absolute and at a standard temperature of 15 degrees Celsius;</p> <p>(i) <b>“custody transfer point”</b> means the physical point where control or ownership of oil, gas, water, products or other substances transfers from one person to another;</p> <p>(j) <b>“date of first production or injection”</b> means the date on which a well commences:</p> <ul style="list-style-type: none"> <li>(i) production of oil, gas, water or other substances other than any injected completion fluids; or</li> <li>(ii) injection of oil, gas, water or other substances into a subsurface zone;</li> </ul> <p>(k) <b>“dehydrator”</b> means an apparatus designed and used to remove water from gas;</p> <p>(l) <b>“emergency response plan”</b> means a plan, in an approved form, to protect the public and the environment during emergencies that includes:</p> <ul style="list-style-type: none"> <li>(i) criteria to assess an emergency situation;</li> <li>(ii) procedures to mobilize and deploy response personnel and agencies; and</li> <li>(iii) procedures to establish communications and co-ordination;</li> </ul> <p>(m) <b>“facility”</b> means any building, structure, installation, equipment or appurtenance that is connected to or associated with the recovery,</p>	<p>of gas contained in one cubic metre of space at a standard pressure of 101.325 kilopascals absolute and at a standard temperature of 15 degrees Celsius;</p> <p>(i) <b>“custody transfer point”</b> means the physical point where control or ownership of oil, gas, water, products or other substances transfers from one person to another;</p> <p>(j) <b>“date of first production or injection”</b> means the date on which a well commences:</p> <ul style="list-style-type: none"> <li>(i) production of oil, gas, water or other substances other than any injected completion fluids; or</li> <li>(ii) injection of oil, gas, water or other substances into a subsurface pool;</li> </ul> <p>(k) <b>“dehydrator”</b> means an apparatus designed and used to remove water from gas;</p> <p>(l) <b>“emergency response plan”</b> means a plan, in an approved form, to protect the public and the environment during emergencies that includes:</p> <ul style="list-style-type: none"> <li>(i) criteria to assess an emergency situation;</li> <li>(ii) procedures to mobilize and deploy response personnel and agencies; and</li> <li>(iii) procedures to establish communications and co-ordination;</li> </ul> <p>(m) <b>“facility”</b> means any building, structure, installation, equipment or appurtenance that is connected to or</p>	<p>.</p> <p>The definition of <b>date of first production or injection</b> is amended to replace the word “zone” with “pool” to align with the PPDM data standard used by IRIS.</p>

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<p>development, production, storage, handling, processing, treatment or disposal of oil, gas, water, products or other substances, that are produced from or injected into a well, but does not include a pipeline;</p> <p>(n) <b>“first-time applicant”</b> means an applicant for a licence or an applicant for a transfer of a licence who has not previously held a licence issued pursuant to the Act;</p> <p>(o) <b>“flowline”</b> means a pipeline connecting a wellhead and:</p> <ul style="list-style-type: none"> <li>(i) an oil battery facility;</li> <li>(ii) a fluid injection facility; or</li> <li>(iii) a gas compression facility;</li> </ul> <p>and includes a pipe or system of pipes for the transportation of fluids within any of those facilities;</p> <p>(p) <b>“fresh-water-bearing formation”</b> means a permanent subsurface water bearing formation with a significant volume of recoverable water that has total dissolved solid concentrations of less than 4 000 milligrams per litre;</p> <p>(q) <b>“gas”</b> means natural gas, both before and after it has been subjected to absorption, purification, scrubbing or other treatment or process, and includes all</p>	<p>associated with the recovery, development, production, storage, handling, processing, treatment or disposal of oil, gas, water, products or other substances, that are produced from or injected into a well, but does not include a pipeline;</p> <p>(n) <b>“first-time applicant”</b> means an applicant for a licence or an applicant for a transfer of a licence who has not previously held a licence issued pursuant to the Act;</p> <p>(o) <b>“flowline”</b> means a pipeline connecting a wellhead and:</p> <ul style="list-style-type: none"> <li>(i) an oil battery facility;</li> <li>(ii) a fluid injection facility; or</li> <li>(iii) a gas compression facility;</li> </ul> <p>and includes a pipe or system of pipes for the transportation of fluids within any of those facilities;</p> <p>(o.1) <b>“fresh water”</b> means water that has a total dissolved solid concentration of less than 4,000 milligrams per litre;</p> <p>(p) <b>Repeal.</b></p> <p>(q) <b>“gas”</b> means natural gas, both before and after it has been subjected to absorption, purification, scrubbing or other treatment or process, and includes all</p>	<p>Proposing <b>fresh water</b> as a more flexible definition to replace <b>fresh-water-bearing formation (p)</b> .</p>

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<p>liquid hydrocarbons other than oil and condensate;</p> <p>(r) <b>“gas-oil ratio”</b> or <b>“GOR”</b> means the ratio of the number of cubic metres of gas produced from a given source in a given period to the number of cubic metres of oil produced from that source in that period;</p> <p>(s) <b>“gas well”</b> means:</p> <ul style="list-style-type: none"> <li>(i) a well that is capable of producing gas not associated with oil at the time of production;</li> <li>(ii) that part of a well in which the gas-producing zone is successfully segregated from the oil and in which gas is produced separately from the oil;</li> <li>(iii) a well from which gas is or is capable of being produced from a reservoir in association with no more than one cubic metre of oil for every 3 500 cubic metres of gas produced from the reservoir; or</li> <li>(iv) any other well that may be classified by the minister pursuant to clause 17(1)(l) of the Act as a gas well for the purposes of the Act and these regulations;</li> </ul> <p>(t) <b>“good production practice”</b> means production of oil or gas from a well at a rate not governed by a maximum allowable rate of production but limited to what can be produced on the basis of technical parameters without adversely</p>	<p>liquid hydrocarbons other than oil and condensate;</p> <p>(r) <b>“gas-oil ratio”</b> or <b>“GOR”</b> means the ratio of the number of cubic metres of gas produced from a given source in a given period to the number of cubic metres of oil produced from that source in that period;</p> <p>(s) <b>“gas well”</b> means:</p> <ul style="list-style-type: none"> <li>(i) a well that is capable of producing gas not associated with oil at the time of production;</li> <li>(ii) that part of a well in which the gas-producing pool is successfully segregated from the oil and in which gas is produced separately from the oil;</li> <li>(iii) a well from which gas is or is capable of being produced from a reservoir in association with no more than one cubic metre of oil for every 3 500 cubic metres of gas produced from the reservoir; or</li> <li>(iv) any other well that may be classified by the minister pursuant to clause 17(1)(l) of the Act as a gas well for the purposes of the Act and these regulations;</li> </ul> <p>(t) <b>“good production practice”</b> means production of oil or gas from a well at a rate not governed by a maximum allowable rate of production but limited to what can be produced on the basis of technical parameters without adversely</p>	<p>Proposing definition change to remove the word <b>zone</b> to align with data model standards adopted the Professional Petroleum Data Management (PPDM) Association.</p>

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<p>and significantly affecting:</p> <ul style="list-style-type: none"> <li>(i) the ultimate recovery of oil or gas;</li> <li>or</li> <li>(ii) the opportunity of other owners to obtain their share of production from the pool;</li> </ul> <p>(u) <b>“horizontal well”</b> means:</p> <ul style="list-style-type: none"> <li>(i) a well: <ul style="list-style-type: none"> <li>(A) with a portion drilled at an angle of at least 80 degrees from vertical, measured from a line connecting the initial point of penetration into the productive zone to the end point of the wellbore in the productive zone;</li> <li>(B) with a minimum wellbore length of 100 metres, measured from the initial point of penetration into the productive zone to the end point of the wellbore in the productive zone; and</li> <li>(C) that is approved for the purposes of this clause; or</li> </ul> </li> <li>(ii) any other well approved for the purposes of this clause;</li> </ul> <p>(v) <b>“multi-zone well”</b> means a well for the segregated production or injection from or into more than one zone through the same well bore;</p> <p>(w) <b>“occupied dwelling”</b> means a building occupied by a person on a temporary or</p>	<p>and significantly affecting:</p> <ul style="list-style-type: none"> <li>(i) the ultimate recovery of oil or gas;</li> <li>or</li> <li>(ii) the opportunity of other owners to obtain their share of production from the pool;</li> </ul> <p>(u) <b>“horizontal well”</b> means:</p> <ul style="list-style-type: none"> <li>(i) a well: <ul style="list-style-type: none"> <li>(A) with a portion drilled at an angle of at least 80 degrees from vertical, measured from a line connecting the initial point of penetration into the productive pool to the end point of the wellbore in the productive pool;</li> <li>(B) with a minimum wellbore length of 100 metres, measured from the initial point of penetration into the productive pool to the end point of the wellbore in the productive pool; and</li> <li>(C) that is approved for the purposes of this clause; or</li> </ul> </li> <li>(ii) any other well approved for the purposes of this clause;</li> </ul> <p>(v) <b>“multi-zone well”</b> means a well for the segregated production or injection from or into more than one zone through the same well bore;</p> <p>(w) <b>“occupied dwelling”</b> means a building occupied by a person on a temporary or</p>	<p>Proposing definition change to remove the word <b>zone</b> to align with data model standards adopted the Professional Petroleum Data Management (PPDM) Association.</p>

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<p>permanent basis;  (x) <b>“oil”</b> means crude petroleum oil and any other hydrocarbon, regardless of density, that is or is capable of being produced from a well in liquid form, but does not include condensate;  (y) <b>“oil shale core hole”</b> means any hole drilled into oil shale for the purpose of obtaining geological information or recovering a core of the oil shale;  (z) <b>“oil well”</b> means any well capable of producing oil other than a gas well;</p> <p>(aa) <b>“operator”</b> means:  (i) a person who, as owner, licensee, lessee, sublessee or assignee, has the right to carry on drilling, construction, operation, decommissioning or abandonment of a well or facility and the reclamation of the well or facility site;  (ii) a contractor who on behalf of the person mentioned in subclause (i) engages in any of the activities described in that subclause; or  (iii) the person designated by the minister as the operator of the well or facility;</p> <p>(bb) <b>“person”</b> includes a corporation, company, government, government</p>	<p>permanent basis;  (x) <b>“oil”</b> means crude petroleum oil and any other hydrocarbon, regardless of density, that is or is capable of being produced from a well in liquid form, but does not include condensate;  (y) <b>Repeal.</b></p> <p>(z) <b>“oil well”</b> means any well capable of producing condensate or oil other than a gas well;  (aa) <b>“operator”</b> means:  (i) a person who, as owner, licensee, lessee, sublessee or assignee, has the right to carry on drilling, construction, operation, decommissioning or abandonment of a well or facility and the reclamation of the well or facility site;  (ii) in the case of a pipeline, operator as defined in <i>The Pipeline Regulations, 2000</i>;  (iii) a contractor who on behalf of the person mentioned in subclause (i) or (ii) engages in any of the activities described in that subclause; or  (iv) the person designated by the minister as the operator of a well or facility.</p> <p>(bb) <b>“person”</b> includes a corporation, company, government, government</p>	<p>(Y) Proposed change to remove <b>oil shale core hole</b> definition. This well type is not provided any special provision and therefore does not need a separate definition from <b>well</b>.</p> <p>(Z) Proposed clarification that condensate is treated the same as oil when it’s produced from a well.</p> <p>Subclause (ii) proposed to modernize definition of <b>operator</b> by ensuring that it includes pipeline operators.</p>

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<p>agency, Crown corporation, syndicate, trust, firm, partnership, co-owner or party and the successors, heirs, executors, administrators or other legal representatives of any such person;</p> <p>(cc) <b>“pipeline”</b> means a pipeline as defined in <i>The Pipelines Act, 1998</i>;</p> <p>(dd) <b>“processing equipment”</b> means equipment used for the treatment and extraction of components, including water, gas, liquids and solids, from produced fluids, natural gas or crude oil and for the injection of those components;</p> <p>(ee) <b>“productive horizontal section”</b> means the portion of a horizontal well that is open to production from the subsurface formation;</p> <p>(ff) <b>“provincial highway”</b> means a provincial highway as defined in <i>The Highways and Transportation Act, 1997</i>;</p> <p>(gg) <b>“public facility”</b> means a public building or location where the presence of the public can be anticipated, including a hospital, place of business, campground, school or recreational facility or other building or location created for the use of the public;</p> <p>(hh) <b>“public highway”</b> means a public highway as defined in <i>The Highways and Transportation Act, 1997</i> but does not include a provincial highway;</p> <p>(ii) <b>“public notice”</b> means a notice</p>	<p>agency, Crown corporation, syndicate, trust, firm, partnership, co-owner or party and the successors, heirs, executors, administrators or other legal representatives of any such person;</p> <p>(cc) <b>“pipeline”</b> means a pipeline as defined in <i>The Pipelines Act, 1998</i>;</p> <p>(dd) <b>“processing equipment”</b> means equipment used for the treatment and extraction of components, including water, gas, liquids and solids, from produced fluids, natural gas or crude oil and for the injection of those components;</p> <p>(ee) <b>“productive horizontal section”</b> means the section of a horizontal well from the intermediate casing point or equivalent to the bottom hole of the wellbore;</p> <p>(ff) <b>“provincial highway”</b> means a provincial highway as defined in <i>The Highways and Transportation Act, 1997</i>;</p> <p>(gg) <b>“public facility”</b> means a public building or location where the presence of the public can be anticipated, including a hospital, place of business, campground, school or recreational facility or other building or location created for the use of the public;</p> <p>(hh) <b>“public highway”</b> means a public highway as defined in <i>The Highways and Transportation Act, 1997</i> but does not include a provincial highway;</p> <p>(ii) <b>“public notice”</b> means a notice</p>	<p>Proposed definition of <b>productive horizontal section</b> to align with definition contained in directive.</p>



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<p>published in the manner set out in section 7 and, if the minister considers it necessary, in any other manner specified by the minister;</p> <p>(jj) <b>“reclamation”</b> means the process of:</p> <p>(i) decontaminating, excavating, removing, sequestering, encapsulating, immobilizing, attenuating, degrading, processing or treating the contaminants in the soil or water in a manner so that, in the opinion of the minister, the contaminants no longer pose a threat or risk to human health, public safety, property or the environment; and</p> <p>(ii) re-contouring, landscaping, replacing or replenishing the topsoil and re-vegetating the surface of the soil so that it is compatible with its surroundings;</p> <p>(kk) <b>“segregate”</b> means to confine each fluid in a well to the proper zone or flow channel of that fluid so that the fluid is separated from all fluids in any other zone or flow channel;</p> <p>(ll) <b>“separator”</b> means an apparatus for separating liquid and gas at the surface as they are produced from a well;</p> <p>(mm) <b>“single-well battery”</b> means a</p>	<p>published in the manner set out in section 7 and, if the minister considers it necessary, in any other manner specified by the minister;</p> <p>(jj) <b>“reclamation”</b> means the process of:</p> <p>(i) decontaminating, excavating, removing, sequestering, encapsulating, immobilizing, attenuating, degrading, processing or treating the contaminants in the soil or water in a manner so that, in the opinion of the minister, the contaminants no longer pose a threat or risk to human health, public safety, property or the environment;</p> <p>(ii) re-contouring, landscaping, replacing or replenishing the topsoil and re-vegetating the surface of the soil so that it is compatible with its surroundings; and</p> <p>(iii) decommissioning a site to remove surface infrastructure, equipment, machinery, concrete, refuse and materials;</p> <p>(kk) <b>“segregate”</b> means to confine each fluid in a well to the proper flow channel of that fluid so that the fluid is separate from all fluids in any other flow channel;</p> <p>(ll) <b>“separator”</b> means an apparatus for separating liquid and gas at the surface as they are produced from a well;</p> <p>(mm) <b>“single-well battery”</b> means a</p>	<p>Subclause (iii) proposed to modernize definition of <b>reclamation</b> by ensuring that decommissioning a site is included as a part to the reclamation process.</p> <p>Proposing definition change to remove the word <b>zone</b> to align with data model standards adopted the Professional Petroleum Data Management (PPDM) Association.</p>

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<p>licensed well that treats production exclusively from that licensed well;            (nn) <b>“site”</b> means, when used in relation to a well, structure test hole, oil shale core hole or facility, the site of the well, structure test hole, oil shale core hole or facility and the area immediately adjacent to that site;</p> <p>(oo) <b>“structure test hole”</b> means any hole drilled for the purpose of obtaining geological and structural information to a point below the glacial drift that is no deeper than the base of the Second White Specks horizon, but does not include:</p> <ul style="list-style-type: none"> <li>(i) any hole drilled that penetrates a horizon that, in the opinion of the minister, is capable of producing oil or natural gas in commercial quantities;</li> <li>or</li> <li>(ii) any hole drilled for seismic testing;</li> </ul> <p>(pp) <b>“surface improvement”</b> means the following:</p> <ul style="list-style-type: none"> <li>(i) a railway;</li> <li>(ii) an above-ground pipeline;</li> <li>(iii) a canal;</li> <li>(iv) an above-ground power,</li> </ul>	<p>licensed well that treats production exclusively from that licensed well;            (nn) <b>“site”</b> means, when used in relation to a well, structure test hole, oil shale core hole or facility, the site of the well, structure test hole, oil shale core hole or facility and the area immediately adjacent to that site;</p> <p>(nn.1) <b>“spacing area E”</b> means the area established by a minister’s order dated May 17, 2017 pursuant to section 17 of the Act;</p> <p>(nn.2) <b>“stratigraphic unit”</b> means any approved interval definable with respect to a geological formation or unit;</p> <p>(oo) <b>Repeal.</b></p> <p>(pp) <b>“surface improvement”</b> means the following:</p> <ul style="list-style-type: none"> <li>(i) a railway;</li> <li>(ii) an above-ground pipeline;</li> <li>(iii) a canal;</li> <li>(iv) an above-ground power,</li> </ul>	<p>Re: (nn.1) Proposed definition for <b>spacing area E</b> to reflect proposed changes to section 38 defining set back distances for horizontal wells.</p> <p>Re: (nn.2) Data model standards from the Professional Petroleum Data Management (PPDM) Association adopted. New definition for <b>stratigraphic unit</b> proposed to align with standards.</p> <p>Re: (oo) Proposed change to remove <b>structure test holes</b>. This well type is now treated the same as any other well and so this term is no longer used in these regulations.</p>

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<p>telephone or other utility line;  (v) a road allowance;  (vi) a surveyed roadway;  (vii) an aircraft runway or taxiway;  (qq) <b>“treater”</b> means an apparatus for separating oil, gas and water at the surface as they are produced from a well;  (rr) <b>“unique well identifier”</b> or <b>“UWI”</b> means the number assigned to a well by the minister to provide a unique alphanumeric identity for the well;</p> <p>(ss) <b>“unreclaimed site”</b> means a site for which an acknowledgement of reclamation has not been issued by the minister pursuant to subsection 56(4);  (tt) <b>“urban centre”</b> means a city, town, village or hamlet with not fewer than 50 separate occupied dwellings;  (uu) <b>“vertical well”</b> means any well that is not a horizontal well;  (vv) <b>“waste processing facility”</b> means any facility that is constructed and operated for the purpose of containing, storing, handling, treating, processing, recovering, reusing, recycling, destroying or disposing of oil and gas waste;  (ww) <b>“water body”</b> means:  (i) a body of water; or  (ii) an area where water flows or is present, whether the flow or the</p>	<p>telephone or other utility line;  (v) a road allowance;  (vi) a surveyed roadway;  (vii) an aircraft runway or taxiway;  (qq) <b>“treater”</b> means an apparatus for separating oil, gas and water at the surface as they are produced from a well;  (rr) <b>“unique well identifier”</b> or <b>“UWI”</b> means the identifier assigned by the minister to a wellbore and applied to a completion to provide a unique alphanumeric identity that includes the bottom hole land description for the wellbore;  (ss) <b>“unreclaimed site”</b> means a site for which an acknowledgement of reclamation has not been issued by the minister pursuant to subsection 56(4);  (tt) <b>“urban centre”</b> means a city, town, village or hamlet with not fewer than 50 separate occupied dwellings;  (uu) <b>“vertical well”</b> means any well that is not a horizontal well;  (vv) <b>“waste processing facility”</b> means any facility that is constructed and operated for the purpose of containing, storing, handling, treating, processing, recovering, reusing, recycling, destroying or disposing of oil and gas waste;  (ww) <b>“water body”</b> means:  (i) a body of water; or  (ii) an area where water flows or is present, whether the flow or the</p>	<p>(rr) Data model standards from the Professional Petroleum Data Management (PPDM) Association adopted. New definition for <b>“unique well identifier”</b> proposed to align with standards.</p>

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<p>presence of water is continuous, seasonal or intermittent or occurs only during a flood;</p> <p>(xx) <b>“well”</b> means:</p> <p>(i) any opening in the ground made within Saskatchewan from which any oil, gas, oil and gas or other hydrocarbon is, has been or is capable of being produced from a reservoir;</p> <p>(ii) any opening in the ground that is made for the purpose of:</p> <p>(A) obtaining water to inject into an underground formation;</p> <p>(B) injecting any substance into an underground formation;</p> <p>(C) storing oil, gas or other hydrocarbons underground;</p> <p>or</p> <p>(D) monitoring reservoir performance and obtaining geological information; or</p> <p>(iii) any opening in the ground made for informational purposes pursuant to The Subsurface Mineral Conservation Regulations;</p> <p>but does not include seismic shot holes, structure test holes or oil shale core holes;</p> <p>(yy) <b>“working interest participant”</b> means a person who owns a legal or beneficial interest in a well or facility pursuant to an</p>	<p>presence of water is continuous, seasonal or intermittent or occurs only during a flood;</p> <p>(xx) <b>“well”</b> means:</p> <p>(i) any opening in the ground made within Saskatchewan from which any oil, gas, oil and gas or other hydrocarbon is, has been or is capable of being produced from a reservoir;</p> <p>(ii) any opening in the ground that is made for the purpose of:</p> <p>(A) obtaining water to inject into an underground formation;</p> <p>(B) injecting any substance into an underground formation;</p> <p>(C) storing oil, gas or other hydrocarbons underground;</p> <p>or</p> <p>(D) monitoring reservoir performance and obtaining geological information; or</p> <p>(iii) any opening in the ground made for informational purposes pursuant to The Subsurface Mineral Conservation Regulations;</p> <p>but does not include seismic shot holes;</p> <p>(yy) <b>“working interest participant”</b> means a person who owns a legal or beneficial interest in a well or facility pursuant to an</p>	<p>(xx.iii) Proposed change to remove <b>structure test holes or oil shale core holes</b>. These well types are now treated the same as any other well and so these terms are no longer used in these regulations.</p>

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<p>agreement that relates to the ownership of the well or facility;</p> <p>(zz) “zone” means any approved interval definable with respect to a geological</p>	<p>agreement that relates to the ownership of the well or facility;</p> <p>(xx.1) “wellbore” means a path drilled from the location where the drill bit is planned to or does penetrate the earth to a terminating point;</p> <p>(zz) <b>Repeal.</b></p>	<p>(xx.1) Data model standards from the Professional Petroleum Data Management (PPDM) Association adopted. New definition for <b>wellbore</b> is proposed to align with standards.</p> <p>(zz) Definition for <b>zone</b> is no longer required as a result of the adoption of PPDM standards.</p>
<p><b>NEW</b></p>	<p><b>Directives</b></p> <p><b>3.1</b> Every operator shall comply with the directives adopted by order of the minister pursuant to section 17 of the Act.</p>	<p>This amendment confirms that operators must comply with any directives approved by the minister pursuant to section 17. Directives will replace a number of regulations that are being repealed as part of these regulatory amendments.</p>
<p><b>Submission of information</b></p> <p><b>5(1)</b> Unless otherwise provided in these regulations, any sample, core, analysis, log, survey, test, form, report, statement, application, document, record or any other information required to be submitted to the minister pursuant to these regulations must be submitted in an approved form and manner.</p> <p>(2) Every person required to file or submit a sample, core, analysis, log, survey, test, form, report, statement, application, document, record or any other information pursuant to the Act, regulations or orders of the minister shall file or submit a complete and accurate</p>	<p><b>Submission of information</b></p> <p><b>5(1)</b> Unless otherwise provided in these regulations, any sample, core, analysis, log, survey, test, form, report, statement, application, document, record or any other information required to be submitted to the minister pursuant to these regulations must be submitted in an approved form and manner.</p> <p>(2) Every person required to file or submit a sample, core, analysis, log, survey, test, form, report, statement, application, document, record or any other information pursuant to the Act, regulations or orders of the minister shall file or submit a complete and accurate</p>	<p>No substantive changes. Amendments include:</p> <ul style="list-style-type: none"> <li>• Subsection 5(2) is amended to replace the phrase “prescribed by the Act” with “specified by the Act, regulations or orders”. “Prescribed” is a defined term in the Act and means prescribed in the regulations. “Specified” is a broader term and encompasses Acts and orders.</li> <li>• Subsection 5(3) is amended to remove the requirement to submit a well name. IRIS no longer requires well names to be included in an application.</li> <li>• Subsection 5(4) is amended to allow the minister to determine the form and</li> </ul>

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<p>sample, core, analysis, log, survey, test, form, report, statement, application, document, record or other information in the form and manner required by the minister and within the time prescribed by the Act, regulations or orders of the minister, as the case may be.</p> <p>(3) Every sample, core, analysis, log, survey, test, form, report, statement, application, document, record or any other information submitted in accordance with these regulations must be accurately labelled with the well name, licence number and unique well identifier of the well.</p> <p>(4) In addition to the requirements to file or submit a sample, core, analysis, log, survey, test, form, report, statement, application, document, record or any other information pursuant to the Act, regulations or orders of the minister, every person shall file or submit any other information that the minister considers necessary for the purposes of administering the Act and these regulations.</p>	<p>sample, core, analysis, log, survey, test, form, report, statement, application, document, record or other information in the form and manner required by the minister and within the time specified by the Act, regulations or orders of the minister, as the case may be.</p> <p>(3) Every sample, core, analysis, log, survey, test, form, report, statement, application, document, record or any other information submitted in accordance with these regulations must be accurately labelled with the well licence number and unique well identifier of the boss wellbore.</p> <p>(4) In addition to the requirements to file or submit a sample, core, analysis, log, survey, test, form, report, statement, application, document, record or any other information pursuant to the Act, regulations or orders of the minister, every person shall file or submit any other information that the minister considers necessary for the purposes of administering the Act and these regulations in an approved form and manner and within 14 days or any longer period that may be specified by the minister.</p>	<p>manner and time frame for the submission of other information.</p>
<p><b>Well name</b></p> <p><b>11</b> A well name must be created at the time a well is licensed in a manner determined by the minister.</p>	<p><b>REPEAL</b></p>	<p>This section is no longer required since well names are no longer used in IRIS for well licence administration.</p>
<p><b>Eligibility requirements to be issued a licence</b></p> <p><b>12(1)</b> No person is eligible to be issued a licence for a well, facility, structure test hole or oil shale core hole unless:</p>	<p><b>Eligibility requirements to be issued a licence</b></p> <p><b>12(1)</b> No person is eligible to be issued a licence for a well or facility unless:</p> <p>(a) that person:</p>	<p>Section is amended to:</p> <ul style="list-style-type: none"> <li>Remove the reference to structure test holes or oil shale holes in the repamble to subsection (1). All structure test holes and</li> </ul>

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<p>(a) that person:</p> <p>(i) is a working interest participant; or</p> <p>(ii) in the case of a well mentioned in subclause 2(xx)(i), is a working interest participant and has the right to produce the oil or gas from the well or the right to drill or operate the well; and</p> <p>(b) if that person is carrying on a business, that person’s business is registered to lawfully carry on business in Saskatchewan.</p> <p>(2) No licence shall be issued to, or transferred to or from, a person if:</p> <p>(a) that person:</p> <p>(i) has not paid the required fee pursuant to section 16 if the person is a first-time applicant;</p> <p>(ii) has not paid the required annual orphan fund levy pursuant to section 119; or</p> <p>(iii) owes any money to the Crown in right of Saskatchewan; or</p> <p>(b) that person’s business is not registered to lawfully carry on business in Saskatchewan.</p>	<p>(i) in the case of a facility, is a working interest participant; or</p> <p>(ii) in the case of a well:</p> <p>(A) is a working interest participant and;</p> <p>(B) has the right to produce the oil or gas from the well or has the right to drill or operate the well;</p> <p>(b) if that person is carrying on a business, that person’s business is registered to lawfully carry on business in Saskatchewan</p> <p>(2) Unless otherwise approved by the minister, no licence shall be issued to, or transferred to or from, a person if:</p> <p>(a) that person:</p> <p>(i) is a first-time applicant and has not paid the required fee pursuant to section 16;</p> <p>(ii) has not paid the required annual orphan fund levy pursuant to section 199; or</p> <p>(iii) owes any money to the Crown in right of Saskatchewan; or</p> <p>(b) that person’s business is not registered to lawfully carry on business in Saskatchewan.</p> <p>(3) The minister may suspend or cancel a licence pursuant to section 12 of the Act if the licensee does not meet the eligibility requirements specified in this section.</p>	<p>oil shale core holes are licensed as a “well” in IRIS.</p> <ul style="list-style-type: none"> <li>• Clause 12(1)(a) reworded to clarify the application of the eligibility requirements to wells and facilities</li> <li>• Subsection (2) is modified to provide the minister with the discretion to issue a licence if the requirements set out in clause (2(a) and clause 2(b) are not met.</li> <li>• A new subsection 12(3) is added to allow the minister to suspend or cancel a licence if the licensee does not meet the eligibility requirements after the licence is issued.</li> </ul>
<p><b>Licence for structure test hole and oil shale</b></p>	<p><b>REPEAL</b></p>	<p>This section is no longer required. All</p>

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<p><b>core hole</b>  <b>13(1)</b> No person shall commence operations for drilling a structure test hole or an oil shale core hole unless the person holds a valid licence authorizing the activity.  (2) An applicant for a licence pursuant to subsection (1) shall:</p> <ul style="list-style-type: none"> <li>(a) apply to the minister in an approved form and manner;</li> <li>(b) provide the minister with any other information or material that the minister may reasonably require;</li> <li>(c) if required by these regulations, submit to the minister the prescribed orphan fund fee;</li> <li>(d) if required pursuant to section 15 of the Act, file security with the minister in accordance with that section; and</li> <li>(e) provide evidence satisfactory to the minister that the applicant meets the eligibility requirements in section 12;</li> <li>(f) <b>Repealed.</b> 2014, c.21, s.17.</li> </ul>		<p>structure test holes and oil shale core holes are licensed as a “well” in IRIS and no longer need to be differentiated.</p>
<p><b>General licensing provisions</b>  <b>14(1)</b> In an area in which there may be more than one productive zone, an applicant shall set out in his or her application for a licence the definite zone to which the well will be drilled and the zones from which the well is expected to produce.  (2) The minister may cancel a licence:</p> <ul style="list-style-type: none"> <li>(a) in the case of a well, if drilling of the</li> </ul>	<p><b>General licensing provisions</b>  <b>14(1)</b> An applicant shall set out in an application for a license:</p> <ul style="list-style-type: none"> <li>(a) the stratigraphic unit to which the well will be drilled; and</li> <li>(b) the pool in which the well is expected to be completed.</li> </ul> <p>(2) The minister may cancel a licence:</p> <ul style="list-style-type: none"> <li>(a) in the case of a well, if drilling of the</li> </ul>	<p>The application requirements set out in subsection 14(1) are amended to replace the word ‘zone’ with ‘stratigraphic unit’ to align with the PPDM data standard used in IRIS. The requirement to include the target pool associated with the stratigraphic unit as part of the application is added to this provision. The subsection is also amended to be gender neutral.</p>



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<p>well has not commenced within one year after the licence has been issued;</p> <p>(b) in the case of a facility, if construction of the facility has not been completed within two years after the licence has been issued; or</p> <p>(c) if the licensee does not meet the eligibility requirements set out in section 12.</p> <p>(3) Subject to subsection (4), the minister may refuse to issue a licence in accordance with this Part if:</p> <p>(a) there are separately owned tracts or interests in all or part of a drainage unit consisting of Crown lands and freehold lands; and</p> <p>(b) there is no agreement for pooling of the interests for the development and operation of the drainage unit, nor an order for the pooling of the interests in accordance with subsection 30(5) of the Act.</p> <p>(4) Subsection (3) does not apply if:</p> <p>(a) the application for a licence is accompanied by written evidence establishing to the satisfaction of the minister that special circumstances exist necessitating the issuance of the licence; and</p> <p>(b) it is expedient and in the public interest to issue the licence.</p> <p>(5) The minister may impose on a licence any terms and conditions, in addition to those</p>	<p>well has not commenced within one year after the licence has been issued;</p> <p>(b) in the case of a facility, if construction of the facility has not been completed within two years after the licence has been issued; or</p> <p>(c) if the licensee does not meet the eligibility requirements set out in section 12.</p> <p>(3) Subject to subsection (4), the minister may refuse to issue a licence in accordance with this Part if:</p> <p>(a) there are separately owned tracts or interests in all or part of a drainage unit consisting of Crown lands and freehold lands; and</p> <p>(b) there is no agreement for pooling of the interests for the development and operation of the drainage unit, nor an order for the pooling of the interests in accordance with subsection 30(5) of the Act.</p> <p>(4) Subsection (3) does not apply if:</p> <p>(a) the application for a licence is accompanied by written evidence establishing to the satisfaction of the minister that special circumstances exist necessitating the issuance of the licence; and</p> <p>(b) it is expedient and in the public interest to issue the licence.</p> <p>(5) The minister may impose on a licence any terms and conditions, in addition to those</p>	

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<p>mentioned in subsections (1) to (3), that the minister considers appropriate.</p> <p>(6) The minister may amend the terms and conditions previously imposed on an existing licence or may impose new terms and conditions on an existing licence.</p> <p>(7) If a person has commenced drilling operations without first obtaining a licence in accordance with this Part, the minister may suspend that person’s drilling operations for a period of not less than 24 hours and not more than twice the time interval from the time the well is spudded to the time the licence is issued.</p> <p>(8) If a licence is suspended or cancelled pursuant to section 12 of the Act:</p> <ul style="list-style-type: none"> <li>(a) all rights and privileges conveyed by the licence are suspended or cancelled, as the case may be; and</li> <li>(b) the responsibility of the licensee and any working interest participant for the well, facility or associated flowline, and the well site or facility site, continues after the suspension or cancellation of the licence with respect to any obligations of the licensee pursuant to: <ul style="list-style-type: none"> <li>(i) the Act;</li> <li>(ii) these regulations;</li> <li>(iii) any orders made pursuant to the Act; or</li> <li>(iv) any terms or conditions of the licence.</li> </ul> </li> </ul>	<p>mentioned in subsections (1) to (3), that the minister considers appropriate.</p> <p>(6) The minister may amend the terms and conditions previously imposed on an existing licence or may impose new terms and conditions on an existing licence.</p> <p>(7) If a person has commenced drilling operations without first obtaining a licence in accordance with this Part, the minister may suspend that person’s drilling operations for a period of not less than 24 hours and not more than twice the time interval from the time the well is spudded to the time the licence is issued.</p> <p>(8) If a licence is suspended or cancelled pursuant to section 12 of the Act:</p> <ul style="list-style-type: none"> <li>(a) all rights and privileges conveyed by the licence are suspended or cancelled, as the case may be; and</li> <li>(b) the responsibility of the licensee and any working interest participant for the well, facility or associated flowline, and the well site or facility site, continues after the suspension or cancellation of the licence with respect to any obligations of the licensee pursuant to: <ul style="list-style-type: none"> <li>(i) the Act;</li> <li>(ii) these regulations;</li> <li>(iii) any orders made pursuant to the Act; or</li> <li>(iv) any terms or conditions of the licence.</li> </ul> </li> </ul>	
<b>Exemption from licensing requirement</b>	<b>Exemption from licensing requirement</b>	Clause 15(c) is amended to provide authority

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<p><b>15</b> For the purposes of clause 8.01(1)(b) of the Act, the following facilities are exempt from the requirement of holding a licence:</p> <ul style="list-style-type: none"> <li>(a) a landfill or a site for which a permit for the purpose of surface waste disposal has been issued pursuant to <i>The Environmental Management and Protection Act, 2002</i>;</li> <li>(b) an upgrader or a refinery;</li> <li>(c) a single-well battery;</li> <li>(d) a cavern for the storage of gas, crude oil or products, not including any associated surface facilities.</li> </ul>	<p><b>15</b> For the purposes of clause 8.01(1)(b) of the Act, the following facilities are exempt from the requirement of holding a licence:</p> <ul style="list-style-type: none"> <li>(a) a landfill or a site for which a permit for the purpose of surface waste disposal has been issued pursuant to <i>The Environmental Management and Protection Act, 2002</i>;</li> <li>(b) an upgrader or a refinery;</li> <li>(c) a single-well battery, unless otherwise required by the minister;</li> <li>(d) a cavern for the storage of gas, crude oil or products, not including any associated surface facilities.</li> </ul>	<p>to the minister to require a single well battery to be licensed as a facility where the minister determines that licensing the battery is necessary to properly manage any environmental or public safety risk associated with its operation.</p>
<p><b>Licence to deepen or respud an abandoned well</b></p> <p><b>21</b> A person who intends to commence operations for re-entering and re-drilling an abandoned well or drilling a well with a different depth, length or configuration than previously licensed shall submit to the minister a new application for a licence.</p>	<p><b>Licence to re-enter a well</b></p> <p><b>21</b> A person shall submit a new application for a licence to the minister if the person intends:</p> <ul style="list-style-type: none"> <li>(a) to commence operations for: <ul style="list-style-type: none"> <li>(i) re-entering and re-drilling an abandoned well; or</li> <li>(ii) re-drilling a vertical well to bottom in a deeper stratigraphic unit; or</li> </ul> </li> <li>(b) to re-enter the well to create a well with a trajectory different than that of the previously licensed well.</li> </ul>	<p>Section 21 is amended to align the requirements of the regulations for re-entering a well with the application procedures in IRIS and applicable directives related to re-entry.</p>
<p><b>Approval for certain operations</b></p> <p><b>22(1)</b> A licensee shall apply for and obtain the approval of the minister pursuant to section 6 before performing any of the following operations, or causing or permitting</p>	<p><b>Approval for certain operations</b></p> <p><b>22(1)</b> A licensee shall apply for and obtain the approval of the minister pursuant to section 6 before performing any of the following operations, or causing or permitting</p>	<p>Clause 22(1)e is added to require a licensee to apply to the minister to conduct remedial work on a well. This provision replaces the notification requirement found in section 96 related to providing notice of intention to</p>

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<p>them to be performed:</p> <p>(a) suspending normal drilling operations;</p> <p>(b) resuming drilling or servicing operations after a previous completion, suspension or abandonment of the well;</p> <p>(c) abandoning or plugging back the well;</p> <p>(d) undertaking remedial operations for the purposes of eliminating a vent flow, gas migration or leaking open-hole abandonment.</p> <p>(2) After consultation with the licensee, the minister may:</p> <p>(a) vary an operation approved pursuant to section 6; or</p> <p>(b) alter a condition in an approval granted pursuant to section 6.</p> <p>(3) If an operation is varied or a condition is altered pursuant to subsection (2):</p> <p>(a) the minister shall provide notice to the licensee of the variation or alteration; and</p> <p>(b) the licensee shall not commence or recommence work on the operation until the licensee receives notice of the variation or alteration pursuant to clause (a).</p>	<p>them to be performed:</p> <p>(a) suspending normal drilling operations;</p> <p>(b) resuming drilling or servicing operations after a previous completion, suspension or abandonment of the well;</p> <p>(c) abandoning or plugging back the well;</p> <p>(d) undertaking remedial operations for the purposes of eliminating a vent flow, gas migration or leaking open hole abandonment;</p> <p>(e) undertaking remedial operations for the purpose of repairing the casing or cement in a well.</p> <p>(2) After consultation with the licensee, the minister may:</p> <p>(a) vary an operation approved pursuant to section 6; or</p> <p>(b) alter a condition in an approval granted pursuant to section 6.</p> <p>(3) If an operation is varied or a condition is altered pursuant to subsection (2):</p> <p>(a) the minister shall provide notice to the licensee of the variation or alteration; and</p> <p>(b) the licensee shall not commence or recommence work on the operation until the licensee receives notice of the variation or alteration pursuant to clause (a).</p>	<p>rework a well. Section 96 will be repealed as part of these amendments.</p>
<p><b>Prohibited areas - drilling</b></p> <p><b>25(1)</b> Unless otherwise approved by the minister on an application pursuant to section 6, no person shall drill any well, structure test hole or oil shale core hole within:</p>	<p><b>Prohibited areas - drilling</b></p> <p><b>25(1)</b> Unless otherwise approved by the minister on an application pursuant to section 6, no person shall drill any well within:</p> <p>(a) 75 metres from the right of way of any</p>	<p>Two amendments are made to this section:</p> <ul style="list-style-type: none"> <li>Subsection 25(1) is amended to remove the reference to structure test holes or oil shale core holes. Section 13, which deals</li> </ul>

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<p>(a) 75 metres from the right of way of any surface improvement other than a surveyed roadway or road allowance; or (b) 40 metres from the right of way of a surveyed roadway or road allowance or an underground utility, other than an underground utility that is owned or operated by the licensee or that services the licensee’s well or facility.</p> <p>(2) Unless otherwise approved by the minister on an application pursuant to section 6, no person shall drill a well for which the surface centre of the well is located:</p> <p>(a) in the case of a well drilled on or after July 1, 2013, within 125 metres of:</p> <p>(i) a water body; (ii) an occupied dwelling; (iii) a public facility; or (iv) an urban centre; or</p> <p>(b) in the case of a well drilled before July 1, 2013, within 100 metres of:</p> <p>(i) a water body; (ii) an occupied dwelling; (iii) a public facility; or (iv) an urban centre.</p> <p>(3) No person shall drill a well, structure test hole or oil shale core hole on a road allowance in a location that interferes with public travel.</p> <p>(4) No person shall drill a well on the intersection of two road allowances.</p>	<p>surface improvement other than a surveyed roadway or road allowance; or (b) 40 metres from the right of way of a surveyed roadway or road allowance or an underground utility, other than an underground utility that is owned or operated by the licensee or that services the licensee’s well or facility.</p> <p>(2) Unless otherwise approved by the minister on an application pursuant to section 6, no person shall drill a well for which the surface centre of the well is located within 125 metres of:</p> <p>(a) a water body; (b) an occupied dwelling; (c) a public facility; or (d) an urban centre.</p> <p>(3) No person shall drill a well on a road allowance in a location that interferes with public travel.</p> <p>(4) No person shall drill a well on the intersection of two road allowances.</p>	<p>with the special licensing of these types of wells, will be repealed as part of these regulatory amendments.</p> <ul style="list-style-type: none"> <li>• Subsection 25(2) is repealed and replaced with a new subsection 25(2) that removes the reference to wells drilled before July 1, 2013. This transitional provision is no longer required since all licenced wells are being drilled after the July 1, 2013 implementation date of the 125 meter setback requirement.</li> </ul>
<b>Further restrictions in commercial potash</b>	<b>Further restrictions in commercial potash</b>	No substantive change. The word zone is

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<p><b>areas</b>  <b>27(1)</b> Notwithstanding section 26, drilling for oil or gas below the top of the Prairie Evaporite is restricted in areas that the minister designates as commercial potash areas.</p> <p>(2) The minister may establish protective measures applicable to the restricted areas designated by the minister pursuant to subsection (1) with respect to drilling, completion or abandonment of any well, and the following minimum measures are applicable:</p> <p>(a) if drilling must penetrate below the top of the Prairie Evaporite:</p> <p>(i) a protective string of casing must be set at the top of the Prairie Evaporite with sufficient cement to ensure that the lower 60 metres is securely anchored;</p> <p>(ii) drilling fluid must be replaced with oil;</p> <p>(iii) in lieu of meeting the requirements of subclauses (i) and (ii), a salt saturated drilling fluid may be used;</p> <p>(iv) on completion of drilling, a caliper survey of the Prairie Evaporite must be taken;</p> <p>(v) on completion of drilling within a commercial potash area designated pursuant to subsection (1), a directional survey must be taken from</p>	<p><b>areas</b>  <b>27(1)</b> Notwithstanding section 26, drilling for oil or gas below the top of the Prairie Evaporite is restricted in areas that the minister designates as commercial potash areas.</p> <p>(2) The minister may establish protective measures applicable to the restricted areas designated by the minister pursuant to subsection (1) with respect to drilling, completion or abandonment of any well, and the following minimum measures are applicable:</p> <p>(a) if drilling must penetrate below the top of the Prairie Evaporite:</p> <p>(i) a protective string of casing must be set at the top of the Prairie Evaporite with sufficient cement to ensure that the lower 60 metres is securely anchored;</p> <p>(ii) drilling fluid must be replaced with oil;</p> <p>(iii) in lieu of meeting the requirements of subclauses (i) and (ii), a salt saturated drilling fluid may be used;</p> <p>(iv) on completion of drilling, a caliper survey of the Prairie Evaporite must be taken;</p> <p>(v) on completion of drilling within a commercial potash area designated pursuant to subsection (1), a directional survey must be taken from</p>	<p>replaced with stratigraphic unit in clause 27(2)(b) to reflect new PPDM data standard.</p> <p>Clarifies in 27(2)(b)(ii) a temperature log or cement bond log must be run in order to evaluate the cement bond to the casing and the formation.</p>

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<p>the lowest point of the well in the Prairie Evaporite to the top of the well, and the owner shall immediately submit a report in writing to the minister setting forth the manner in which the survey was made and the results of it and shall attach to the report a true copy of the survey;</p> <p>(b) to complete a well as an oil or gas well below the Prairie Evaporite and to effectively shut off all communications between zones:</p> <p>(i) production casings must be cemented in two stages:</p> <p>(A) stage 1 must be from the total depth to 30 metres above the top of the Prairie Evaporite and must consist of brine saturated cement;</p> <p>(B) stage 2 must be from 30 metres above the top of the Prairie Evaporite to the surface; and</p> <p>(ii) a temperature log or cement log must be run in order to evaluate the casing cement job;</p> <p>(c) to abandon a well drilled into or below the Prairie Evaporite:</p> <p>(i) the method determined by the minister must be followed; and</p> <p>(ii) if the depth of the well is less than 30 metres below the base of the Prairie Evaporite:</p> <p>(A) a continuous brine saturated</p>	<p>the lowest point of the well in the Prairie Evaporite to the top of the well, and the owner shall immediately submit a report in writing to the minister setting forth the manner in which the survey was made and the results of it and shall attach to the report a true copy of the survey;</p> <p>(b) to complete a well as an oil or gas well below the Prairie Evaporite and to effectively shut off all communications between stratigraphic units:</p> <p>(i) production casings must be cemented in two stages:</p> <p>(A) stage 1 must be from the total depth to 30 metres above the top of the Prairie Evaporite and must consist of brine saturated cement;</p> <p>(B) stage 2 must be from 30 metres above the top of the Prairie Evaporite to the surface; and</p> <p>(ii) a temperature log or cement bond log must be run in order to evaluate the cement bond to the casing and the formation;</p> <p>(c) to abandon a well drilled into or below the Prairie Evaporite:</p> <p>(i) the method determined by the minister must be followed; and</p> <p>(ii) if the depth of the well is less than 30 metres below the base of the</p>	

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<p>cement plug must be set from the bottom of the well to 150 metres above the top of the Prairie Evaporite; and</p> <p>(B) the cement plug must be probed for after waiting at least eight hours for the cement to harden and must be able to withstand a force of 18 kilonewtons;</p> <p>(iii) if the depth of the well is more than 30 metres below the base of the Prairie Evaporite:</p> <p>(A) a first cement plug of not less than 30 metres must be set immediately below the bottom of the Prairie Evaporite;</p> <p>(B) a second plug must be set directly on top of the first plug and made of sufficient brine saturated cement to ensure a continuous plug of 150 metres above the top of the Prairie Evaporite; and</p> <p>(C) after each plug is set it must be probed for after waiting at least eight hours for the cement to harden and it must be able to withstand a force of 18 kilonewtons;</p> <p>(iv) the remainder of the hole must be abandoned in accordance with the dry hole abandonment provisions of</p>	<p>Prairie Evaporite:</p> <p>(A) a continuous brine saturated cement plug must be set from the bottom of the well to 150 metres above the top of the Prairie Evaporite; and</p> <p>(B) the cement plug must be probed for after waiting at least eight hours for the cement to harden and must be able to withstand a force of 18 kilonewtons;</p> <p>(iii) if the depth of the well is more than 30 metres below the base of the Prairie Evaporite:</p> <p>(A) a first cement plug of not less than 30 metres must be set immediately below the bottom of the Prairie Evaporite;</p> <p>(B) a second plug must be set directly on top of the first plug and made of sufficient brine saturated cement to ensure a continuous plug of 150 metres above the top of the Prairie Evaporite; and</p> <p>(C) after each plug is set it must be probed for after waiting at least eight hours for the cement to harden and it must be able to withstand a force of 18 kilonewtons;</p> <p>(iv) the remainder of the hole</p>	



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subsection 45(2).	must be abandoned in accordance with the dry hole abandonment provisions of subsection 45(2).	
<p><b>Variation in drilling program</b>  <b>28(1)</b> Subject to subsection (2), no operator shall depart from or vary a program of drilling operations approved by a licence mentioned in the Act unless the minister, on application pursuant to section 6, approves the departure or variation.</p> <p>(2) In case of an emergency in which immediate departure from or variation in the program mentioned in subsection (1) is necessary, the departure or variation may be made to the extent that it is necessary, and in that case the operator shall:</p> <p>(a) first immediately notify the minister of the departure or variation by the most expedient means available; and</p> <p>(b) confirm the first notification with a notification in an approved form and manner.</p>	<p><b>Variation in drilling program</b>  <b>28(1)</b> Subject to subsection (2), no operator shall depart from or vary a program of drilling operations, if the departure or variation is inconsistent with the disclosure responses made at the time of licensing, unless the minister, on application pursuant to section 6, approves the departure or variation.</p> <p>(2) In case of an emergency in which immediate departure from or variation in the program mentioned in subsection (1) is necessary, the departure or variation may be made to the extent that it is necessary, and in that case the operator shall:</p> <p>(a) first immediately notify the minister of the departure or variation by the most expedient means available; and</p> <p>(b) confirm the first notification with a notification in an approved form and manner.</p>	<p>Subsection 28(1) is amended to align with the new self-disclosure requirements in IRIS related to the issuance of routine licences. The provision requires operators to drill in a manner consistent with the disclosure statements unless the variation is approved by a separate application.</p>
<p><b>Multi-zone wells</b>  <b>29(1)</b> An application for approval to complete a well as a multi-zone well must be submitted to the minister in an approved form and manner and must contain an outline of the current completion status of the well and the general manner in which, if the application is granted, the fluids from each zone or pool will be segregated.</p>	<p><b>Multi-zone wells</b>  <b>29(1)</b> An application for approval to complete a well as a multi-zone well must be submitted to the minister in an approved form and manner and if the application is granted, the fluids from each pool will be segregated.</p> <p>(2) No licensee of a multi-zone well shall modify, or cause or permit to be modified,</p>	<p>Three changes are proposed for two section:</p> <ul style="list-style-type: none"> <li>• Subsection 29(1) is amended to replace “zone” with “pool” to align with the PPDM data standard.</li> <li>• The reference to the content of the application in subsection 29(1) and requirements for submission data in relation to a multi-zone well are removed from the provision. These requirements</li> </ul>

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<p>(2) The operator of a multi-zone well shall, within 30 days after the well has been completed in more than one pool, advise the minister of the effective date of each completion and submit to the minister, in an approved form and manner, a diagram showing:</p> <ul style="list-style-type: none"> <li>(a) the type and make of each component of the subsurface installation;</li> <li>(b) the depth below a stated reference in the well of each component of: <ul style="list-style-type: none"> <li>(i) the subsurface installation;</li> <li>(ii) the casing;</li> <li>(iii) liner and tubing;</li> <li>(iv) setting depths and sizes;</li> <li>(v) the upper and lower limits of the porous intervals;</li> <li>(vi) fluid interfaces of each completion zone and the perforated intervals; and</li> </ul> </li> <li>(c) the flow channels for the fluids.</li> </ul> <p>(3) No operator of a multi-zone well shall modify, or cause or permit to be modified, the subsurface installation or producing interval of the well or conduct remedial work on the well unless the operator, on application pursuant to section 6, first obtains approval from the minister.</p>	<p>the subsurface installation or producing interval of the well or conduct remedial work on the well unless the licensee, on application pursuant to section 6, first obtains approval from the minister.</p>	<p>are set out in guidelines and directives approved by the minister.</p>
<p><b>Target areas and qualifications for allowables</b></p> <p><b>33(1)</b> In order to qualify for a maximum allowable rate of production based on a drainage unit as described in subsection</p>	<p><b>Target areas and qualifications for allowables</b></p> <p><b>33(1)</b> In order to qualify for an allowable rate of production based on a drainage unit as described in subsection 31(2), an oil well must</p>	<p>Subsection 33(1) is amended to replace the reference to “maximum rate of production” with the new definition of “allowable rate of production”.</p>

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<p>31(2), an oil well must be completed within a target area that is inside the drainage unit and has sides located 100 metres from and parallel to the corresponding sides of the drainage unit.</p> <p>(2) In order to qualify for a maximum allowable rate of production based on a drainage unit as described in subsection 31(3), a gas well must be completed within a target area that is inside the drainage unit and has sides located 200 metres from and parallel to the corresponding sides of the drainage unit.</p> <p>(3) If a drainage unit is established by a minister's order, the minister may further determine the target area within which a well must be completed in order to qualify for a maximum allowable rate of production based on the area of the drainage unit.</p>	<p>be completed within a target area that is inside the drainage unit and has sides located 100 metres from and parallel to the corresponding sides of the drainage unit.</p> <p>(2) In order to qualify for an allowable rate of production based on a drainage unit as described in subsection 31(3), a gas well must be completed within a target area that is inside the drainage unit and has sides located 200 metres from and parallel to the corresponding sides of the drainage unit.</p> <p>(3) If a drainage unit is established by a minister's order, the minister may further determine the target area within which a well must be completed in order to qualify for an allowable rate of production based on the area of the drainage unit.</p>	
<p><b>Application for off-target wells</b></p> <p><b>34(1)</b> The minister may require public notice to be given of an application made for an order before the minister:</p> <p>(a) pursuant to section 27 of the Act, makes an order that permits a well to be drilled at a location other than the target area mentioned in section 33; or</p> <p>(b) pursuant to section 17 of the Act, with respect to a well described in clause (a), makes an order that permits completing the well and producing from the well.</p> <p>(2) An applicant for an order mentioned in subsection (1) shall apply to the minister</p>	<p><b>Application for off-target wells</b></p> <p><b>34(1)</b> The minister may require public notice to be given of an application:</p> <p>(a) pursuant to section 27 of the Act, approval for a well to be drilled at a location other than the target area mentioned in section 33; or</p> <p>(b) pursuant to section 17 of the Act, with respect to a well described in clause (a), approval for the well to be completed and produced.</p>	<p>Subsection 34(1) is amended to remove the requirement for a minister's order to be issued for off-target well approvals. These approvals are now granted through IRIS subject to all applicable regulations and directives.</p>

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pursuant to section 6.		
<p><b>Off-target penalty</b>  <b>35(1)</b> Unless otherwise approved by the minister on an application pursuant to section 6, the principles for determining the net productive area for a vertical well not completed within its target area are as follows:</p> <p>(a) in a drainage unit where the target area is centered on the drainage unit, the net productive area is the remaining area of the drainage unit after the north-south and east-west dimensions of the drainage unit have been reduced by the respective distances equal to the north-south and east-west vectors of displacement of the well from the centre of the target area;</p> <p>(b) in a drainage unit where the target area is not centered on the drainage unit:</p> <p>(i) any legal subdivisions as described in the legal subdivision feature layer of the SaskGrid that do not form any part of the target area and are located in a position that is in the opposite direction of a vector of displacement are removed from the drainage unit; and</p> <p>(ii) the net productive area is the remaining area of the drainage unit after the north-south and east-west dimensions of the drainage unit have been further reduced by the respective distances equal to the north-south and</p>	<p><b>REPEAL</b></p>	<p>This section is no longer required. Off-target penalty requirements have been moved to Directive PNG007: Off-Target Well Requirements.</p>

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<p>east-west vectors of displacement of the well from the centre of the target area.</p> <p>(2) The production penalty applied to the allowable production of the well is the fraction obtained by dividing the net productive area determined in accordance with subsection (1) by the original area of the drainage unit.</p> <p>(3) If the intersection of the well with any part of the pool projected vertically to the surface is outside the target area and within 50 metres of the boundary of the drainage unit, the well must not be completed or placed on production without the approval of the minister.</p>		
<p><b>Application of sections 37 to 39</b>  <b>36</b> Sections 37 to 39 apply only to horizontal wells.</p>	<p><b>REPEAL</b></p>	<p>This section is no longer required. The reference to horizontal wells is specifically provided for in section 38. Section 37 and 39 are being repealed with these amendments.</p>
<p><b>Interpretation for section and sections 38 and 39</b>  <b>37</b> In this section and in sections 38 and 39:  (a) <b>“heavy oil area”</b> means Spacing Area ‘E’ established by minister’s order, dated September 20, 1968 and as amended from time to time, pursuant to section 17 of <i>The Oil and Gas Conservation Act</i>;  (b) <b>“non-heavy oil area”</b> means an area that is not a heavy oil area.</p>	<p><b>REPEAL</b></p>	<p>This section is no longer required. A definition for “spacing area ‘E’” is added to clause 2(nn.1) and is used in section 38 for purposes of setting setback distance for heavy and non-heavy wells. The terms “heavy oil area” and “non-heavy oil area” are no longer used in these regulations.</p>
<p><b>Set-back distances</b></p>	<p><b>Set-back distances</b></p>	<p>Two changes are proposed for this section:</p>

EXISTING PROVISION	PROPOSED PROVISION	EXPLANATION
<p><b>38</b> Unless otherwise ordered by the minister pursuant to section 17 or 17.1 of the Act:</p> <p>(a) for heavy oil areas the productive horizontal section of a horizontal well must be set back:</p> <p>(i) a minimum of 100 metres from a diversely owned lease boundary; and</p> <p>(ii) 100 metres from a productive vertical well or from the productive horizontal section of another horizontal well;</p> <p>(b) for non-heavy oil areas:</p> <p>(i) the entire productive horizontal section of a horizontal well must be set back a minimum of 100 metres from a diversely owned lease boundary; and</p> <p>(ii) the productive horizontal section of a horizontal well must be set back a minimum of 150 metres from a productive vertical well or from the productive horizontal section of another horizontal well.</p>	<p><b>38(1)</b> Subject to subsection (2), unless otherwise ordered by the minister pursuant to section 17 or 17.1 of the Act:</p> <p>(a) the productive section of a horizontal well drilled within spacing area E must be set back:</p> <p>(i) a minimum of 100 metres from a diversely owned lease boundary; and</p> <p>(ii) 100 metres from a productive vertical well or from the productive horizontal section of another horizontal well; or</p> <p>(b) in the case of a horizontal well not included in spacing area E:</p> <p>(i) the entire productive horizontal section of a horizontal well must be set back a minimum of 100 metres from a diversely owned lease boundary; and</p> <p>(ii) the productive horizontal section of a horizontal well must be set back a minimum of 150 metres from a productive vertical well or from the productive horizontal section of another horizontal well.</p> <p>(2) If a horizontal well contravenes the setback distances mentioned in subsection (1) without the approval of the minister, the well must not be completed or placed on production.</p>	<ul style="list-style-type: none"> <li>• Clauses 38(1)(a) and 38(1)(b) are amended to replace the reference to heavy oil areas and non-heavy oil areas with the new defined term “spacing area E” [see clause 2(nn.1), proposed].</li> <li>• Subsection 38(2) is added to replace the provisions of section 39 which will be repealed as part of these amendments. The provision requires an operator to seek consent from the minister to complete a well or commence production if the setback distances specified in subsection 38(1) are not met.</li> </ul>
<p><b>Maximum allowable rate of production</b></p>	<p><b>REPEAL</b></p>	<p>This section is no longer required. The</p>

EXISTING PROVISION	PROPOSED PROVISION	EXPLANATION
<p><b>39(1)</b> The minister shall assign a maximum allowable rate of production to a horizontal well in a non-heavy oil area if:</p> <p>(a) any point of the productive horizontal section is within 500 metres of a drainage unit that:</p> <p>(i) is part of a diversely owned lease; and</p> <p>(ii) contains a well that, in the opinion of the minister, is productive; and</p> <p>(b) either:</p> <p>(i) written consents from all owners and fee simple mineral owners in the drainage unit described in clause (a) are not provided to the minister; or</p> <p>(ii) objections that are, in the opinion of the minister, valid in response to a public notice regarding an application for good production practice are received by the minister from an owner or a fee simple mineral owner in the drainage unit described in clause (a).</p> <p>(2) If a horizontal well contravenes the set-back distances mentioned in section 38 without an order of the minister allowing it to contravene the set-back distances, the well must not be completed or placed on production.</p> <p>(3) If the minister initially allows a horizontal well in a non-heavy area to produce under good production practice and the circumstances change so that clause (1)(a)</p>		<p>requirements for setting an allowable rate of production for an oil well are now set out in <i>Directive PNG012: Allowable Rate of Production: Oil Wells</i>.</p>

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<p>applies, the minister may assign a maximum allowable rate of production to the horizontal well to be effective as of the later of:</p> <ul style="list-style-type: none"> <li>(a) 24 months from the first day of the month in which production commenced;</li> <li>and</li> <li>(b) three months from the day the minister assigns the maximum allowable rate of production.</li> </ul> <p>(4) The minister may, on application pursuant to section 6, allow a well to produce under good production practice if:</p> <ul style="list-style-type: none"> <li>(a) the minister initially assigns a maximum allowable rate of production to a horizontal well; and</li> <li>(b) the operator informs the minister that the circumstances have changed.</li> </ul> <p>(5) Notwithstanding subsection (1), the minister may allow a horizontal well to produce under good production practice if the minister is of the opinion that:</p> <ul style="list-style-type: none"> <li>(a) if a public notice were provided in accordance with subclause (1)(b)(ii), no valid objection would exist; and</li> <li>(b) equitable drainage of oil will not be adversely affected.</li> </ul> <p>(6) Notwithstanding subsections (1) to (5), if the minister is of the opinion that an operator of a horizontal well is not adhering to good production practice, the minister may assign a maximum allowable rate of production to the horizontal well.</p>		
<b>Deviation and directional surveys</b>	<b>Deviation and directional surveys</b>	Subsections (3) and (4) are repealed, since



EXISTING PROVISION	PROPOSED PROVISION	EXPLANATION
<p><b>40(1)</b> On the request of the minister, the operator of a well shall make deviational surveys during drilling at intervals of not more than 150metres.</p> <p>(2) Unless otherwise approved by the minister on an application pursuant to section 6, the operator of a well shall make a directional survey of the well within 30 days after the finished drilling date of the well if the well is:</p> <p>(a) directionally drilled, slant drilled or horizontally drilled; or</p> <p>(b) to be placed on production in any of the following circumstances:</p> <p>(i) the surface location of the well is nearer to the boundary of its target area than 2% of the depth of the well;</p> <p>(ii) the surface location of the well is outside its target area.</p> <p>(3) The operator of a well shall, within 30 days after making a directional survey, submit to the minister:</p> <p>(a) the survey report; and</p> <p>(b) the “as drilled” survey plan.</p> <p>(4) In the case of a horizontal well, the operator of the horizontal well shall, within 30 days after making a directional survey, submit to the minister for each horizontal section drilled:</p> <p>(a) the survey report; and</p> <p>(b) the “as drilled” survey plan.</p> <p>(5) The minister may require the operator</p>	<p><b>40(1)</b> On the request of the minister, the operator of a well shall make deviational surveys during drilling at intervals of not more than 150metres.</p> <p>(2) Unless otherwise approved by the minister on an application pursuant to section 6, the operator of a well shall make a directional survey of the well within 30 days after the finished drilling date of the well if the well is:</p> <p>(a) directionally drilled, slant drilled or horizontally drilled; or</p> <p>(b) to be placed on production in any of the following circumstances:</p> <p>(i) the surface location of the well is nearer to the boundary of its target area than 2% of the depth of the well;</p> <p>(ii) the surface location of the well is outside its target area.</p> <p>(3) <b>Repeal.</b></p> <p>(4) <b>Repeal.</b></p> <p>(5) The minister may require the operator of a well to make further deviational or directional surveys and may specify the manner of making the surveys.</p> <p>(6) Every “as drilled” survey plan must:</p> <p>(a) include all the information for a survey plan as required pursuant to the application submitted pursuant to section 8.1 of the Act; and</p> <p>(b) show the actual casing point or landing point and the actual bottom-</p>	<p><i>Directive PNG013: Well Data Submissions Requirements</i> specifies that survey reports and “as-drilled” survey plans must be submitted for all wellbores and specifies the form and manner and the timeframe that the information must be submitted.</p>

EXISTING PROVISION	PROPOSED PROVISION	EXPLANATION
<p>of a well to make further deviational or directional surveys and may specify the manner of making the surveys.</p> <p>(6) Every “as drilled” survey plan must:</p> <p>(a) include all the information for a survey plan as required pursuant to the application submitted pursuant to section 8.1 of the Act; and</p> <p>(b) show the actual casing point or landing point and the actual bottom-hole location:</p> <p>(i) in relation to the boundaries of the section; and</p> <p>(ii) in relation to the well site by rectangular co-ordinates; and</p> <p>(c) show the actual trajectory for any directionally drilled, slant drilled or horizontally drilled well.</p>	<p>hole location:</p> <p>(i) in relation to the boundaries of the section; and</p> <p>(ii) in relation to the well site by rectangular co-ordinates; and</p> <p>(c) show the actual trajectory for any directionally drilled, slant drilled or horizontally drilled well.</p>	
<p><b>Removal of drilling equipment</b></p> <p>41(1) Unless otherwise approved by the minister on an application pursuant to section 6, no operator shall remove or cause or permit to be removed any rig, derrick or other drilling equipment from a well unless the well has been completed in accordance with the licence issued pursuant to Part II of the Act or has been abandoned in accordance with these regulations.</p> <p>(2) No operator shall, during the course of drilling or operation, remove or cause or permit to be removed any casing or other equipment essential to the proper</p>	<p><b>Removal of drilling equipment</b></p> <p>41(1) Unless otherwise approved by the minister on an application pursuant to section 6, no operator shall remove or cause or permit to be removed any rig, derrick or other drilling equipment from a well unless the well has been completed in accordance with the licence issued pursuant to Part II of the Act or has been abandoned in accordance with these regulations.</p> <p>(2) No operator shall, during the course of drilling or operation, remove or cause or permit to be removed any casing or other equipment essential to the proper</p>	<p>Subsection 41(2) is amended by striking out “or structure test hole”.</p>

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control of a well or structure test hole unless the minister, on application pursuant to section 6, approves the removal.	control of a well unless the minister, on application pursuant to section 6, approves the removal.	
<p><b>Adequate equipment and production casing</b>  <b>43(1)</b> Subject to subsection (6), no equipment shall be used in drilling or completing a well unless it is in good condition, and production casing must meet American Petroleum Institute specifications and must comply in all respects with the specifications set out in the licence issued for the well and with any further specifications of the minister.</p> <p>(2) Production casing is required to be cemented by the pump and plug method, the displacement method or any other approved method, and the cement must be set for at least 24 hours and properly tested by the pressure method before the plug is drilled out or the well perforated.</p> <p>(3) If production casing is run through a porous zone or a zone containing fresh potable water not protected from invasion by other fluids, the zone must be cemented off by an approved method.</p> <p>(4) In completing a well, the operator shall adopt methods and install equipment that the minister may specify.</p> <p>(5) If it appears to the minister that any equipment or casing used in drilling or producing a well is inadequate, defective or hazardous, the minister may require the replacement or reconditioning of that equipment or casing and may order the</p>	<p><b>Adequate equipment and production casing</b>  <b>43(1)</b> Subject to subsection (6), no equipment shall be used in drilling or completing a well unless it is in good condition, and production casing must meet American Petroleum Institute specifications and must comply in all respects with the specifications set out in the licence issued for the well and with any further specifications of the minister.</p> <p>(2) Production casing is required to be cemented by the pump and plug method, the displacement method or any other approved method, and the cement must be set for at least 24 hours and properly tested by the pressure method before the plug is drilled out or the well perforated.</p> <p>(3) If production casing is run through a porous stratigraphic unit or a stratigraphic unit containing fresh potable water not protected from invasion by other fluids, the stratigraphic unit must be cemented off by an approved method.</p> <p>(4) In completing a well, the operator shall adopt methods and install equipment that the minister may specify.</p> <p>(5) If it appears to the minister that any equipment or casing used in drilling or producing a well is inadequate, defective or hazardous, the minister may require the replacement or reconditioning of that</p>	<p>Two changes are proposed for this section”</p> <ul style="list-style-type: none"> <li>• The word “one” is replaced with the term ‘stratigraphic unit’ wherever it appears in this section to align with the PPDM data standard.</li> <li>• Subsection 43(7) is added to specify requirements related to equipment maintenance and installation. This provision currently appears in section 78 which will be repealed as part of these amendments.</li> </ul>

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<p>suspension of operations until the required action is taken.</p> <p>(6) Notwithstanding subsection (1), the minister may, on application pursuant to section 6, approve the use of production casing that does not meet American Petroleum Institute specifications.</p>	<p>equipment or casing and may order the suspension of operations until the required action is taken.</p> <p>(6) Notwithstanding subsection (1), the minister may, on application pursuant to section 6, approve the use of production casing that does not meet American Petroleum Institute specifications.</p> <p>(7) Well-head equipment must be:</p> <p>(a) maintained in good working order; and</p> <p>(b) installed in a manner in which the tubing, casing and static bottom hole pressures may be obtained at any time by the minister.</p>	
<p><b>General plugging and abandonment provisions</b></p> <p><b>44(1)</b> Subject to subsection (4), no well, structure test hole or oil shale core hole shall remain unplugged or uncased after it is no longer used for the purpose for which it was drilled or converted.</p> <p>(2) If, in the opinion of the minister, the operations with respect to a well, structure test hole or oil shale core hole have been discontinued or delayed for an unreasonable period, the minister shall notify the licensee that the licensee shall abandon it within 90 days after the notice is sent, unless sufficient cause why it should not be abandoned is shown to the satisfaction of the minister.</p> <p>(3) The minister may have a well, structure test hole or oil shale core hole abandoned at the expense of the licensee or take any other</p>	<p><b>General plugging and abandonment provisions</b></p> <p><b>44(1)</b> Subject to subsection (4), no well shall remain unplugged or uncased after it is no longer used for the purpose for which it was drilled or converted.</p> <p>(2) If, in the opinion of the minister, the operations with respect to a well have been discontinued or delayed for an unreasonable period, the minister shall notify the licensee that the licensee shall abandon it within 90 days after the notice is sent, unless sufficient cause why it should not be abandoned is shown to the satisfaction of the minister.</p> <p>(3) The minister may have a well abandoned at the expense of the licensee or take any other action that the minister considers advisable if within 90 days after the notice mentioned in subsection (2) is sent:</p>	<p>Two changes are proposed for this section:</p> <ul style="list-style-type: none"> <li>• The terms “structured test hole” and “oil shale core hole” are deleted wherever they appear in this section. These types of wells are treated in IRIS like any other well licensed pursuant to the regulations.</li> <li>• Subsection 44(7) is repealed. The requirements to notify the minister related to the setting of plugs are now found in <i>Directive PNG013: Well Data Submission Requirements</i>.</li> </ul>

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<p>action that the minister considers advisable if within 90 days after the notice mentioned in subsection (2) is sent:</p> <p>(a) a well, structure test hole or oil shale core hole is not abandoned by the licensee; and</p> <p>(b) the licensee fails to show cause to the satisfaction of the minister why the well, structure test hole or oil shale core hole should not be abandoned.</p> <p>(4) The minister may extend the time for abandonment of any well, structure test hole or oil shale core hole on any terms and conditions that the minister considers advisable.</p> <p>(5) Before any work to abandon a well is commenced, the licensee shall apply for permission to abandon the well, and shall submit the application to the minister at least 48 hours before the date specified for abandonment in the application.</p> <p>(6) Abandonment operations mentioned in subsection (5) are not to be commenced until the minister approves the abandonment program or the minister has witnessed and approved the plugging of the well.</p> <p>(7) The licensee shall notify the minister of any plugs set in abandoning a well within 48 hours after setting the plugs.</p> <p>(8) A well drilled into or below the Prairie Evaporite in a commercial potash area designated by the minister pursuant to</p>	<p>(a) a well is not abandoned by the licensee; and</p> <p>(b) the licensee fails to show cause to the satisfaction of the minister why the well should not be abandoned.</p> <p>(4) The minister may extend the time for abandonment of any well on any terms and conditions that the minister considers advisable.</p> <p>(5) Before any work to abandon a well is commenced, the licensee shall apply for approval pursuant to section 6, to abandon the well.</p> <p>(6) Abandonment operations mentioned in subsection (5) are not to be commenced until the minister approves the abandonment program or the minister has witnessed and approved the plugging of the well.</p> <p>(7) <b>Repeal.</b></p> <p>(8) A well drilled into or below the Prairie Evaporite in a commercial potash area designated by the minister pursuant to section 27 must be abandoned in accordance with the provisions of clause 27(2)(c).</p> <p>(9) Notwithstanding any other provision of these regulations, the minister may, on application pursuant to section 6, approve or substitute in whole or in part any abandonment program.</p>	

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<p>section 27 must be abandoned in accordance with the provisions of clause 27(2)(c).            (9) Notwithstanding any other provision of these regulations, the minister may, on application pursuant to section 6, approve or substitute in whole or in part any abandonment program.</p>		
<p><b>Dry hole abandonment</b>  <b>45(1)</b> Before any work to abandon a dry hole is commenced, the licensee shall notify the minister of the licensee’s intention to abandon the well and give details of the abandonment program.  <b>(2)</b> A dry hole in which only the surface casing has been set must be abandoned by:            (a) isolating each porous zone with a 15 metre plug or by a cement plug across the porous zone extending 15 metres above and 15 metres below the porous zone;            (b) placing a cement plug of a minimum length of 30 metres across the surface casing shoe;            (c) cutting off the surface casing one metre below ground level;            (d) welding a steel plate over the end of the casing in order to completely close off the open end;            (e) filling the interval between the plugs with an approved, heavy, mud-laden fluid;            (f) placing cement in the hole by:                (i) pumping through tubing;                (ii) pump and plug; or</p>	<p><b>Dry hole abandonment</b>  <b>45(1)</b> Before any work to abandon a dry hole is commenced, the licensee shall notify the minister of the licensee’s intention to abandon the well and give details of the abandonment program.  <b>(2)</b> A dry hole in which only the surface casing has been set must be abandoned by:            (a) isolating each porous stratigraphic unit with a 15 metre plug or by a cement plug across the porous stratigraphic unit extending 15 metres above and 15 metres below the porous stratigraphic unit;            (b) placing a cement plug of a minimum length of 30 metres across the surface casing shoe;            (c) cutting off the surface casing one metre below ground level;            (d) welding a steel plate over the end of the casing in order to completely close off the open end;            (e) filling the interval between the plugs with an approved, heavy, mud-laden fluid;            (f) placing cement in the hole by:                (i) pumping through tubing;</p>	<p>Clause 45(2)(a) is amended to replace the word “zone” with “stratigraphic unit” to align with the PPDM data standard used in IRIS.</p>

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<p>(iii) any other approved method;</p> <p>(g) ensuring that all plugs:</p> <p>(i) deeper than 580 metres measured from the kelly bushing, except the plug at the bottom of the well, are probed for after waiting four hours for the cement to harden and are able to withstand a force of 18 kilonewtons; and</p> <p>(ii) above 580 metres measured from the kelly bushing are probed for after:</p> <p>(A) waiting eight hours for cement to harden and are able to withstand a force of 18 kilonewtons; or</p> <p>(B) a waiting time less than eight hours, but only if the minister is present to observe that the cement plug withstands a force of 18 kilonewtons;</p> <p>(h) resetting a plug if it fails to withstand the required force;</p> <p>(i) resetting a plug if it is found to be displaced a distance that renders it inadequate for the purpose of sealing off or isolating the porous or water-bearing stratum for which it was set; and</p> <p>(j) if the Prairie Evaporite is encountered in a dry hole located outside a commercial potash area designated by the minister pursuant to subsection 27(1), sealing off the Prairie Evaporite by a cement plug extending from 15 metres above to 15</p>	<p>(ii) pump and plug; or</p> <p>(iii) any other approved method;</p> <p>(g) ensuring that all plugs:</p> <p>(i) deeper than 580 metres measured from the kelly bushing, except the plug at the bottom of the well, are probed for after waiting four hours for the cement to harden and are able to withstand a force of 18 kilonewtons; and</p> <p>(ii) above 580 metres measured from the kelly bushing are probed for after:</p> <p>(A) waiting eight hours for cement to harden and are able to withstand a force of 18 kilonewtons; or</p> <p>(B) a waiting time less than eight hours, but only if the minister is present to observe that the cement plug withstands a force of 18 kilonewtons;</p> <p>(h) resetting a plug if it fails to withstand the required force;</p> <p>(i) resetting a plug if it is found to be displaced a distance that renders it inadequate for the purpose of sealing off or isolating the porous or water-bearing stratum for which it was set; and</p> <p>(j) if the Prairie Evaporite is encountered in a dry hole located outside a commercial potash area designated by the minister pursuant to subsection 27(1), sealing off the Prairie Evaporite by a cement plug</p>	

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<p>metres below the Prairie Evaporite or the total depth, whichever is less, and, if the plug is not at the bottom of the well, probing for it after waiting four hours for the cement to harden and ensuring that it is able to withstand a force of 18 kilonewtons.</p>	<p>extending from 15 metres above to 15 metres below the Prairie Evaporite or the total depth, whichever is less, and, if the plug is not at the bottom of the well, probing for it after waiting four hours for the cement to harden and ensuring that it is able to withstand a force of 18 kilonewtons.</p>	
<p><b>Structure test hole and oil shale core hole abandonment</b>  <b>48(1)</b> A structure test hole or oil shale core hole drilled to a total depth of more than 180 metres from the surface must be abandoned by:</p> <p>(a) placing a cement plug of a minimum length of 15 metres immediately above, below or through each porous zone and, if the operator elects to set a plug through the porous zone, extending the plug from 15 metres below to 15 metres above the zone except if the bottom of the hole is in a porous zone;</p> <p>(b) if any surface casing has been run, placing a cement plug of a minimum length of 30 metres across the surface casing shoe;</p> <p>(c) cutting off the casing one metre below ground level;</p> <p>(d) welding a steel plate over the end of the surface casing in order to completely close off the end; and</p> <p>(e) if no surface casing has been run, running a cement plug from 15 metres below any potable fresh water sands to the surface.</p>	<p><b>REPEAL</b></p>	<p>This section is no longer required. Structure test holes and oil shale core holes are treated the same as any other well and therefore, will be abandoned subject to the same rules that apply to all other licenced wells.</p>



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<p>(2) If a structure test hole or an oil shale core is drilled to a total depth of less than 180 metres from the surface, it must be abandoned by:</p> <p>(a) filling the hole with drilling mud and the material obtained during drilling;</p> <p>(b) inserting a plug one metre in length in the hole to a depth of one metre below the surface;</p> <p>(c) if the plug inserted in the hole is not made of concrete or cement, placing a plank five centimetres thick, 30 centimetres wide and 60 centimetres long immediately over the plug and filling the hole above the plank with dry cement to a depth of at least 15 centimetres;</p> <p>(d) tamping and filling the hole to the top; and</p> <p>(e) spreading any excess drilling mud and material over the surrounding ground.</p> <p>(3) On completion of a structure test hole or an oil shale core hole program, the owner shall submit a record of the abandonment to the minister.</p>		
<p><b>Gas conservation</b></p> <p><b>50</b> The minister may require the operator of an oil well from which gas is produced or another well producing or capable of producing gas to:</p> <p>(a) restrict or discontinue the production of gas from the well; or</p> <p>(b) collect and either:</p> <p>(i) utilize the gas produced; or</p>	<p><b>Gas or product conservation</b></p> <p><b>50(1)</b> The minister may require the operator of an oil well from which gas is produced, or of another well producing or capable of producing gas, to:</p> <p>(a) restrict or discontinue the production of gas from the well; or</p> <p>(b) collect and either:</p> <p>(i) utilize the gas produced; or</p>	<p>Subsection 50(2) is added to the provision to provide the minister the authority to require gas or product conservation. This provision currently appears in section 80 of the regulations, which will be repealed as part of these amendments. General requirements related to gas and product conservation will now be covered entirely by section 50.</p>

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(ii) sell the gas produced.	(ii) sell the gas produced. (2) The minister may require an operator mentioned in subsection (1) to conduct a test of the content of any gas produced and if, in the opinion of the minister, a product is present in an economic quantity that justifies extraction, the minister may require the separation, conservation and utilization of the product.	
<b>Commingling of production prohibited</b> 52 The production from a zone shall not be commingled with that from another zone before measurement unless the minister, on application pursuant to section 6, approves the commingling.	<b>Commingling of production prohibited</b> 52 The production from a pool shall not be commingled with that from another pool before measurement unless the minister, on application pursuant to section 6, approves the commingling.	Section 52 is amended to relace "zone" with "pool" to align with the PPDM data standard.
<b>Disposal of waste and other substances</b> 53(1) An operator who wishes to dispose of oil-and-gas wastes or non-oil-and-gas substances into subsurface formations shall provide the minister with: (a) a plan in an approved form and manner for the disposal; (b) the written consent of all owners and all fee simple mineral owners, other than the Crown, that in the opinion of the minister may reasonably be adversely affected by the disposal; and (c) any other information that the minister may require. (2) On receipt of a plan pursuant to subsection (1), the minister may: (a) if the minister is satisfied that the plan complies with the Act and these	<b>Disposal of waste and other substances</b> 53(1) <b>Repeal.</b> (2) <b>Repeal.</b> (3) No person shall dispose of oil-and-gas wastes, including but not limited to drilling fluids and waste oil or refuse from tanks or wells, in a manner other than disposal into a subsurface formation, unless the minister, on application pursuant to section 6, has approved of the disposal. (4) No person shall dispose of oil-and-gas wastes or non-oil-and-gas substances that constitute a hazard to public health or safety or that contaminate the environment unless otherwise approved by the minister. (5) Every operator shall test and inspect all injection wells at least once every year to ensure that:	The following changes are proposed for this section: <ul style="list-style-type: none"><li>• Subsections 53(1) and 53(2) are repealed since the matters dealt with in these provisions are now covered by <i>Directive PNG008: Disposal and Injection Well Requirements</i>.</li><li>• Subsection 53(4) is amended to broaden is application to all environmental contaminations and not just those related to fresh water or arable lands.</li><li>• Subsection 53(6) is repealed since the data submission requirements for injection wells is now dealt with in <i>Directive PNG013: Well Data Submission Requirements</i>.</li><li>• Subsection 53(7) is amended to provide the minister discretion on the time frame</li></ul>

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<p>regulations, approve the plan, subject to any terms and conditions that the minister considers appropriate; or  (b) refuse to approve the plan.</p> <p>(3) No person shall dispose of oil-and-gas wastes, including but not limited to drilling fluids and waste oil or refuse from tanks or wells, in a manner other than disposal into a subsurface formation, unless the minister, on application pursuant to section 6, has approved of the disposal.</p> <p>(4) No operator shall allow oil-and-gas wastes or non-oil-and-gas substances to constitute a hazard to public health or safety or to contaminate fresh water or arable land, notwithstanding any compliance or intended or purported compliance with a plan mentioned in subsection (1).</p> <p>(5) Every operator shall test and inspect all injection wells at least once every year to ensure that:</p> <p>(a) there are no production casing, tubing or packer failures;  (b) the tubing-production casing annulus is filled with a satisfactory corrosion inhibiting fluid; and  (c) injection flow lines are in good working order without leakage or risk of leakage due to corrosions or material defects.</p> <p>(6) Every operator shall submit the results of tests and inspections conducted pursuant to subsection (5) to the minister within 30 days</p>	<p>(a) there are no production casing, tubing or packer failures;  (b) the tubing-production casing annulus is filled with a satisfactory corrosion inhibiting fluid; and  (c) injection flow lines are in good working order without leakage or risk of leakage due to corrosions or material defects.</p> <p>(6) <b>Repeal.</b></p> <p>(7) In addition to the requirement to test and inspect in subsection (5), the minister may at any time require an operator to:</p> <p>(a) conduct additional tests or inspections; and  (b) submit the results of the additional tests or inspections within the time and in the manner specified by the minister.</p> <p>(8) <b>Repeal.</b></p>	<p>for submitting additional tests. These time frames are now specified in <i>Directive PNG013: Well Data Submission Requirements</i>.</p> <ul style="list-style-type: none"> <li>• Subsection 53(8) is repealed. The time frame for submitting the information will be set out in the request made in accordance with subsection 53(7).</li> </ul>

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<p>after conducting the test and inspection.</p> <p>(7) In addition to the requirement to test and inspect in subsection (5), the minister may require an operator to conduct additional tests and inspections.</p> <p>(8) The operator shall conduct any test and inspection required pursuant to subsection (7) within 14 days after receiving the request.</p>		
<p><b>Enhanced oil recovery projects and horizontal drilling</b></p> <p><b>54(1)</b> An operator who wishes to conduct horizontal drilling or any project for the enhanced recovery of oil or gas through the use of repressuring, pressure maintenance or other stimulation techniques, including the introduction of oil, gas or other substances or energy, shall provide the minister with a plan in an approved form and manner for horizontal drilling or for any project for enhanced recovery and any other information that the minister may require.</p> <p>(2) On receipt of a plan pursuant to subsection (1), the minister may:</p> <p>(a) if the minister is satisfied that the plan complies with the Act and these regulations, approve the plan, subject to any terms and conditions that the minister considers appropriate; or</p> <p>(b) refuse to approve the plan.</p> <p>(3) If the minister approves a plan for the enhanced recovery of oil or gas pursuant to subsection (2), the operator shall notify the minister of:</p>	<p><b>Enhanced recovery projects</b></p> <p><b>54(1)</b> An operator who wishes to conduct any project for the recovery of oil or gas through the use of re-pressuring, pressure maintenance or other stimulation techniques including the introduction of oil, gas or other substances or energy, shall provide the minister with:</p> <p>(a) a plan in an approved form and manner for the recovery project; and</p> <p>(b) any other information that the minister may require.</p> <p>(2) On receipt of a plan pursuant to subsection (1), the minister may:</p> <p>(a) if the minister is satisfied that the plan complies with the Act and these regulations, approve the plan, subject to any terms and conditions that the minister considers appropriate; or</p> <p>(b) refuse to approve the plan.</p> <p>(3) If the minister approves a plan for the recovery of oil or gas pursuant to subsection (2), the operator shall notify the minister of:</p> <p>(a) the commencement date of</p>	<p>Two changes are proposed for this section:</p> <ul style="list-style-type: none"> <li>• The reference to horizontal drilling is removed from both the title and subsection 54(1). Horizontal drilling no longer requires a special application. The drilling of these wells is now governed by directives and guidelines issued by the minister under section 17 of the Act.</li> <li>• The title of this section is also amended to remove the word oil. The provisions deal with both oil and gas enhanced recovery projects.</li> </ul>

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<p>(a) the commencement date of operations, within 14 days after the commencement; and</p> <p>(b) the discontinuance of the operations, together with the reasons for the discontinuance, within 14 days after the discontinuance.</p>	<p>operations, within 14 days after the commencement; and</p> <p>(b) the discontinuance of the operations, together with the reasons for the discontinuance, within 14 days after the discontinuance.</p>	
<p><b>Decommissioning and reclamation of well and facility sites</b></p> <p><b>56(1)</b> On completion of abandonment of a well, the licensee or the operator shall:</p> <p>(a) conduct an environmental site assessment in a manner specified by the minister;</p> <p>(b) decommission the well site to standards specified by the minister;</p> <p>(c) reclaim the well site to standards specified by the minister; and</p> <p>(d) reclaim any area that is beyond the boundaries of the well site and that, in the opinion of the minister, has been damaged, contaminated or otherwise adversely affected by the operations of the well.</p> <p>(2) On decommissioning of a facility, the licensee or the operator shall:</p> <p>(a) conduct an environmental site assessment in a manner specified by the minister;</p> <p>(b) decommission the facility site to standards specified by the minister;</p>	<p><b>Decommissioning and reclamation of well and facility sites</b></p> <p><b>56(1)</b> On completion of abandonment of a well the licensee or the operator shall:</p> <p>(a) conduct an environmental site assessment in a manner specified by the minister;</p> <p>(b) decommission the well site to standards specified by the minister;</p> <p>(c) reclaim the well site to standards specified by the minister;</p> <p>(d) reclaim any area that is beyond the boundaries of the well site and that, in the opinion of the minister, has been damaged, contaminated or otherwise adversely affected by the operations of the well; and</p> <p>(e) conduct a detailed site assessment in the manner specified by the minister.</p> <p>(2) On decommissioning of a facility the licensee or the operator shall:</p> <p>(a) conduct an environmental site assessment in a manner specified by the minister;</p> <p>(b) decommission the facility site to standards specified by the minister;</p>	<ul style="list-style-type: none"> <li>• Renumbering of some subclauses.</li> <li>• New clauses 56(1)(e) and 56(2)(e) are added to this section to require licensees to conduct a detailed site assessment on completion of an abandonment of a well and facility. This change aligns with the current practice of the ministry for site abandonment and reclamation.</li> <li>• New subsection 56(3) is added to this section to clarify the rules governing the abandonment and reclamation of sites where a well or facilitated was licensed but not drilled or constructed.</li> <li>• New subsection 56(4) is added to this section to confirm that the licensee is obligated to abandon any associated flowlines. This change reflects current practice.</li> <li>• New subsection 56(5) is added to this section to identify the need within 6 months after the completion of the activities mentioned in subsection (1), (2) or (3), that the licensee or the operator shall submit to the minister: <ul style="list-style-type: none"> <li>(a) an application for acknowledgment of reclamation; and</li> </ul> </li> </ul>

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<p>(c) reclaim the facility site to standards specified by the minister; and (d) reclaim any area that is beyond the boundaries of the facility site and that, in the opinion of the minister, has been damaged, contaminated or otherwise adversely affected by the operations of the facility.</p> <p>(3) Within six months after the completion of the activities mentioned in subsection (1) or (2), as the case may be, the licensee or the operator shall submit to the minister a reclamation report and any other information required by the minister.</p> <p>(4) The minister shall issue an acknowledgement of reclamation if the licensee or the operator:</p> <ul style="list-style-type: none"> <li>(a) has met the requirements of subsection (1) or (2) to the satisfaction of the minister; and</li> <li>(b) submits the following to the minister: <ul style="list-style-type: none"> <li>(i) a request for acknowledgement of reclamation;</li> <li>(ii) a reclamation report specified in subsection (3), that is satisfactory to the minister;</li> <li>(iii) any other information reasonably required by the minister.</li> </ul> </li> </ul> <p>(5) The issuance of an acknowledgement of reclamation does not relieve a licensee, operator or working interest participant of</p>	<p>(c) reclaim the facility site to standards specified by the minister; (d) reclaim any area that is beyond the boundaries of the facility site and that, in the opinion of the minister, has been damaged, contaminated or otherwise adversely affected by the operations of the facility; and (e) conduct a detailed site assessment in the manner specified by the minister.</p> <p>(3) If a site has been prepared, disturbed, constructed or contaminated and no well or facility has been drilled or constructed on the site, the minister may require the licensee or operator to:</p> <ul style="list-style-type: none"> <li>(a) conduct an environmental site assessment in a manner specified by the minister;</li> <li>(b) decommission the site to standards specified by the minister;</li> <li>(c) reclaim the site to standards specified by the minister;</li> <li>(d) reclaim any area that is beyond the boundaries of the site and that, in the opinion of the minister, has been damaged or contaminated; and</li> <li>(e) conduct a detailed site assessment in the manner specified by the minister.</li> </ul> <p>(4) On abandonment of a well or decommissioning a facility, the licensee shall abandon any associated flowlines.</p> <p>(5) Within 6 months after the completion of the activities mentioned in subsection (1), (2)</p>	<p>(b) any other information required by the minister.</p>

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<p>the licensee's, operator's or working interest participant's past, present or future environmental liability associated with the well or facility site that is the subject of the acknowledgement of reclamation.</p> <p>(6) The minister may:</p> <p>(a) impose any conditions or terms in an acknowledgement of reclamation that the minister considers appropriate; or</p> <p>(b) cancel an acknowledgement of reclamation if the minister considers it appropriate to do so.</p> <p>(7) Notwithstanding subsections (1) and (2), a licensee or operator may apply to the minister pursuant to section 6 for approval of any variation of the requirements of subsections (1) and (2).</p>	<p>or (3) as the case may be, the licensee or the operator shall submit to the minister:</p> <p>(a) an application for acknowledgment of reclamation; and</p> <p>(b) any other information required by the minister.</p> <p>(6) The minister shall issue an acknowledgement of reclamation if the minister is satisfied that the licensee or operator has complied with subsection (1) to (5).</p> <p>(7) The issuance of an acknowledgement of reclamation does not relieve a licensee, operator or working interest participant of his or her past, present or future environmental liability associated with the well or facility site that is the subject of the subject of the acknowledgement of reclamation.</p> <p>(8) The minister may:</p> <p>(a) impose any conditions or terms in an acknowledgement of reclamation that the minister considers appropriate; or</p> <p>(b) cancel an acknowledgement of reclamation if the minister considers it appropriate to do so.</p> <p>(9) Notwithstanding subsections (1), (2) and (3), a licensee or operator may apply to the minister pursuant to section 6 for approval of any variation of the requirements of subsections (1), (2) and (3).</p>	
<p><b>Well or facility housekeeping</b> 62(1) In this section:</p>	<p><b>Well or facility housekeeping</b> 62(1) In this section:</p>	<p>Subsection 5 previously referenced section 99</p>

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<p>(a) <b>“contaminated product”</b> includes:            (i) spilled material that has come in contact with another substance so that it cannot be used for the purpose it was originally intended for, or in any other process; and            (ii) any snow, soil, water or debris that the spilled material comes in contact with;            (b) <b>“spilled material”</b> includes oil, salt water, condensate, natural gas liquids, refined chemicals and any other substances produced, generated or used at a well or facility and any combination of those materials.</p> <p>(2) Immediately after the completion of an oil or gas well, the operator shall clear the area around the well of all refuse material and, as soon as weather conditions permit:            (a) dispose of drilling waste and decommission the drilling waste sump in a manner specified by the minister;            (b) drain and fill all excavations;            (c) level the surface around the well; and            (d) maintain the well site in a neat and orderly condition.</p> <p>(3) Unless otherwise approved by the minister on an application pursuant to section 6, all oil and gas waste from tanks or wells must be drained into proper receptacles that are located:            (a) in the case of a receptacle installed on or after January 1, 2008, not less than 50 metres from any tank, well or building,</p>	<p>(a) <b>“contaminated product”</b> includes:            (i) spilled material that has come in contact with another substance so that it cannot be used for the purpose it was originally intended for, or in any other process; and            (ii) any snow, soil, water or debris that the spilled material comes in contact with;            (b) <b>“spilled material”</b> includes oil, salt water, condensate, natural gas liquids, refined chemicals and any other substances produced, generated or used at a well or facility and any combination of those materials.</p> <p>(2) Immediately after the completion of an oil or gas well, the operator shall clear the area around the well of all refuse material and, as soon as weather conditions permit:            (a) dispose of drilling waste and decommission the drilling waste sump in a manner specified by the minister;            (b) drain and fill all excavations;            (c) level the surface around the well; and            (d) maintain the well site in a neat and orderly condition.</p> <p>(3) Unless otherwise approved by the minister on an application pursuant to section 6, all oil and gas waste from tanks or wells must be drained into proper receptacles that are located:            (a) in the case of a receptacle installed</p>	<p>which is being repealed. Subsection 5 was changed to reference Directive PNG014 now.</p> <p>Proposed adding subsection 62(5)(d) to require the delineation and assessment of spill impacts where the minister considers it necessary. This would typically be for spill events that are large enough that they have created a liability that must be quantified.</p>



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<p>and immediately removed from the well site or facility site; or            (b) in the case of a receptacle installed before January 1, 2008, not less than 45 metres from any tank, well or building, and immediately removed from the well or facility site.</p> <p>(4) No inflammable substances, contaminated products or waste products of any kind from an oil or gas well or facility shall be allowed to flow over the land, run into a water body or onto any highway or public road.</p> <p>(5) If an event mentioned in subsection 99(1) occurs, the operator shall:</p> <p>(a) implement the operator’s emergency response plan and take immediate steps to contain and clean up the spilled material;</p> <p>(b) ensure that any contaminated product is:</p> <p>(i) processed in the operator’s own facility;</p> <p>(ii) sent to a waste processing facility;</p> <p>or</p> <p>(iii) disposed of in another manner that is satisfactory to the minister;</p> <p>and</p> <p>(c) remediate the area to a state that is satisfactory to the minister.</p> <p>(6) The operator shall process all spilled materials:</p> <p>(a) at a facility that is licensed pursuant to the Act; or</p>	<p>on or after January 1, 2008, not less than 50 metres from any tank, well or building, and immediately removed from the well site or facility site; or            (b) in the case of a receptacle installed before January 1, 2008, not less than 45 metres from any tank, well or building, and immediately removed from the well or facility site.</p> <p>(4) No inflammable substances, contaminated products or waste products of any kind from an oil or gas well or facility shall be allowed to flow over the land, run into a water body or onto any highway or public road.</p> <p>(5) If an incident occurs, as defined in <i>Directive PNG014: Incident Reporting Requirements</i>, the operators shall:</p> <p>(a) implement the operator’s emergency response plan and take immediate steps to contain and clean up the spilled material;</p> <p>(b) ensure that any contaminated product is:</p> <p>(i) processed in the operator’s own facility;</p> <p>(ii) sent to a waste processing facility;</p> <p>or</p> <p>(iii) disposed of in another manner that is satisfactory to the minister; and</p> <p>(c) remediate the area to a state that is satisfactory to the minister; and</p> <p>(d) complete an environmental site</p>	

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(b) in a manner that is satisfactory to the minister.	assessment and site liability assessment if required by the minister. (6) The operator shall process all spilled materials: (a) at a facility that is licensed pursuant to the Act; or (b) in a manner that is satisfactory to the minister.	
<p><b>Well and battery testing equipment</b></p> <p><b>78(1)</b> The well-head, separator, treater, tanks and piping equipment must include those valve connections that are necessary for sampling the oil, gas, water or other substances produced or injected.</p> <p>(2) Every battery must be equipped with sufficient test separators, tanks and gas metering equipment to ensure that at least one production proration test may be conducted pursuant to section 87.</p> <p>(3) Well-head equipment must be maintained in good working order and the equipment must be installed so that tubing, casing and static bottom hole pressures may be obtained at any time by the minister.</p>	<b>REPEAL</b>	Subsection 78(1) and (2) are no longer required. The specification related to measurement and testing are contained in <i>Directive PNG017: Measurement Requirements for Oil and Gas Operations</i> . The requirements set out in subsection 78(3) related to the maintenance and installation of well-head equipment are moved to subsection 43(7).
<p><b>Gas well tests</b></p> <p><b>79(1)</b> Subject to subsection (2), the absolute open flow potential of every gas well must be determined within 30 days after any completion, stimulation, reconditioning or recompletion.</p>	<p><b>Gas well tests</b></p> <p><b>79(1)</b> Subject to subsection (2), the absolute open flow potential of every gas well must be determined within 30 days after any completion, stimulation, reconditioning or recompletion.</p>	Subsection 79(4) is revised to reduce the regulatory burden of testing the well in the second year of production and instead provides the minister discretion to request an operator to test for verification of the stabilized flow capacity of a well only when

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<p>(2) The minister may waive the requirement in subsection (1) if the minister is satisfied that there are circumstances that require the test to be conducted after the 30-day period.</p> <p>(3) The test to be used to determine the absolute open flow potential pursuant to subsection (1) is:</p> <p style="padding-left: 40px;">(a) the 4-point isochronal or modified isochronal test; or</p> <p style="padding-left: 40px;">(b) any other approved test.</p> <p>(4) A test to verify the stabilized flow capability of every gas well must be carried out during the second year of production, using an approved method.</p> <p>(5) The operator of a well shall notify the minister at least 24 hours in advance of any gas well test.</p> <p>(6) The operator of a gas well shall submit to the minister the results of all gas well tests conducted, including any tests run that exceed the minimum requirements, within 30 days after the date on which the test was completed.</p> <p>(7) Section 105 applies to any oil, gas, water or other substances produced as a result of tests conducted pursuant to this section.</p> <p>(8) This section does not apply to wells in reservoirs used for gas storage unless otherwise ordered by the minister.</p>	<p>(2) The minister may waive the requirement in subsection (1) if the minister is satisfied that there are circumstances that require the test to be conducted after the 30-day period.</p> <p>(3) The test to be used to determine the absolute open flow potential pursuant to subsection (1) is:</p> <p style="padding-left: 40px;">(a) the 4-point isochronal or modified isochronal test; or</p> <p style="padding-left: 40px;">(b) any other approved test.</p> <p>(4) The minister may require an operator to conduct a test to verify the stabilized flow capability of a gas well after the first year of production using an approved method.</p> <p>(5) The operator of a well shall notify the minister at least 24 hours in advance of any gas well test.</p> <p>(6) The operator of a gas well shall submit to the minister the results of all gas well tests conducted, including any tests run that exceed the minimum requirements, within 30 days after the date on which the test was completed.</p> <p>(7) Section 105 applies to any oil, gas, water or other substances produced as a result of tests conducted pursuant to this section.</p> <p>(8) This section does not apply to wells in reservoirs used for gas storage unless otherwise ordered by the minister.</p>	<p>necessary.</p>
<p><b>Conservation of product</b></p> <p><b>80</b> The minister may require an operator to conduct a test of the content of any gas and if, in the opinion of the minister, a product is</p>	<p><b>REPEAL</b></p>	<p>The section is no longer required. The gas conservation requirements will now appear in subsection 50(2).</p>

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<p>present in an economic quantity that justifies extraction, the minister may require the separation, conservation and utilization of the product.</p>		
<p><b>Orifice meters</b>  <b>81(1)</b> Each orifice meter must be installed in accordance with the “Gas Measurement Committee Report No. 3” as published and amended from time to time by the American Gas Association.  (2) The operator of a gas well shall, unless otherwise directed by the minister, use for the measurement of gas production:  (a) a circular chart drive, not slower than seven days per cycle; or  (b) a suitable strip chart.  (3) The operator of an oil well at which gas is produced shall use, for the metering of gas production, a 24-hour chart drive unless a slower chart drive is approved by the minister on an application pursuant to section 6.  (4) Charts used to record the measurement of gas produced in conjunction with oil must be computed:  (a) on a daily basis if a 24-hour circular chart drive is used; or  (b) on a seven-day basis if a seven-day circular chart drive is used.  (5) The charts mentioned in subsection (4) must be preserved for a period of one year.  (6) At installations where an orifice plate is bolted in place, the plate must clearly show the size of orifice by figures stamped or cut</p>	<p><b>REPEAL</b></p>	<p>This section is no longer required. All oil and gas measurement and testing requirements are now contained in <i>Directive PNG017: Measurement Requirements for Oil and Gas Operations</i>.</p>

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<p>into the metal of the plate, and no person shall rebores the plate or increase the orifice size without first removing or permanently defacing the old marking and substituting the new measurement before reinstallation.</p> <p>(7) The measured inside diameter of the pipe at the orifice, together with the date of measurement and name of person making the measurement, must be clearly marked on the pipe near the orifice flanges and also inscribed in the meter shelter.</p> <p>(8) Whenever an orifice plate is changed, a record of the time of change and the size of the orifice of the plate removed and of the plate inserted must be recorded on the meter chart and in the tour report.</p> <p>(9) If gas production is measured with an orifice meter, no orifice plate shall be used that has an orifice size that exceeds the maximum size described in Table 3, for flange taps, or Table 8, for pipe taps, of the code published as "Gas Measurement Committee Report No. 3".</p> <p>(10) Any orifice plates used in violation of subsection (9) are forfeited to the Crown and, if an orifice plate is forfeited, the minister shall determine the volume of gas produced by the well involved in that violation for the period before that forfeiture.</p> <p>(11) Orifice meter charts must be clearly marked in order to indicate the well or wells being metered and the time and date of start and finish of records.</p>		

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<p>(12) Coefficients for calculating meter charts must be computed in accordance with the code published as “Gas Measurement Committee Report No. 3” mentioned in subsection (1).</p>		
<p><b>Rotary displacement meters</b>  <b>82(1)</b> If an operator uses a rotary displacement meter to measure gas production, the operator shall:</p> <ul style="list-style-type: none"> <li>(a) install the meter in accordance with the specifications recommended by the manufacturer;</li> <li>(b) install a dampening orifice downstream from the meter;</li> <li>(c) provide pressure taps immediately on each side of the meter, fitted with 6 millimetre valves so that a measurement of the differential pressure across the meter may be taken;</li> <li>(d) enter in the well, facility or battery records all data necessary for calculating the volume of gas produced and correct the measured volume of gas produced for operating pressure, temperature and supercompressibility;</li> <li>(e) equip the meter with a non-reset counter;</li> <li>(f) install a thermometer well in the pipe near the meter;</li> <li>(g) take a temperature measurement of the gas stream at least once per week and enter it in the daily record;</li> <li>(h) in the case of test gas production from</li> </ul>	<p><b>REPEAL</b></p>	<p>This section is no longer required. All oil and gas measurement and testing requirements are contained in <i>Directive PNG017: Measurement Requirements for Oil and Gas Operations</i>.</p>

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<p>an oil well, equip the meter with:</p> <ul style="list-style-type: none"> <li>(i) an index to correct the volume to base pressure conditions; or</li> <li>(ii) chart recording equipment to record the volume throughput and the meter operating pressure;</li> </ul> <p>(i) in the case of total gas production from an oil well or group of oil wells, equip the meter with chart recording equipment to record volume throughput and the meter operating pressure; and</p> <p>(j) in the case of gas well production, equip the meter with chart recording equipment to record the volume throughput and the meter operating pressure.</p> <p>(2) Notwithstanding clauses (1)(i) and (j), an operator may apply to the minister pursuant to section 6 for approval of any variation from the requirements of clauses (1)(i) and (j).</p>		
<p><b>Oil, gas and water analyses</b></p> <p><b>83</b>(1) The minister may require an operator to take and analyze a sample of oil, gas, water, products or other substances from a well at any time and in any manner that the minister considers advisable.</p> <p>(2) The operator shall submit to the minister each analysis that the operator causes to be made of the samples of oil, gas, water, products or other substances recovered.</p> <p>(3) The analysis submitted pursuant to subsection (2) must be submitted by the earlier of:</p>	<p><b>REPEAL</b></p>	<p>This section is being removed from Division I (Well Testing and Measurement) of Part VIII of the regulations and relocated to a new section 93.1 within Division 2 (Well Data). The matters dealt with in this section are a better fit for Division 2 of Part VIII.</p>

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<p>(a) 30 days; and (b) any other period that the minister may require.</p>		
<p><b>Determination of standards</b>  <b>84</b>(1) The minister may, if not otherwise provided for, determine the methods to be used for the measurement of oil, gas, water, products and other substances and the standard conditions to which such measurements are to be converted.  (2) Without restricting the generality of subsection (1), if the conditions of pressure and temperature of gas differ from the standard conditions determined pursuant to subsection (1), the minister may require the conversion of the volume from these conditions to the standard conditions.  (3) If the methods of measurement and standard conditions are determined pursuant to this section, those methods and standard conditions must be used wherever the measurement of oil, gas, water, products and other substances is required.</p>	<p><b>REPEAL</b></p>	<p>This section is no longer required. All oil and gas measurement and testing requirements are contained in <i>Directive PNG017: Measurement Requirements for Oil and Gas Operations</i>.</p>
<p><b>Measurement of production and injection</b>  <b>85</b>(1) If oil, gas, water, products or other substances are being produced from or injected into a well, the operator of the well shall measure the production or injection in a manner satisfactory to the minister.  (2) Individual well production or injection must, in all cases, be separately measured unless permission has been obtained from the minister to combine production with the</p>	<p><b>REPEAL</b></p>	<p>This section is no longer required. All oil and gas measurement and testing requirements are contained in <i>Directive PNG017: Measurement Requirements for Oil and Gas Operations</i>.</p>



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production from another well or wells before battery measurement.		
<p><b>Metering and measurement of gas</b>  <b>86(1)</b> All gas produced must be accurately measured with an approved gas meter unless the minister, on application pursuant to section 6, gives approval to dispense with the metering of gas.</p> <p>(2) If the conditions of pressure and temperature differ from the standard conditions mentioned in clause 2(h), conversion of the volume from the conditions under which measurement is made to the standard conditions must be made in accordance with the Ideal Gas Laws and corrected for deviation from the Ideal Gas Laws.</p>	<p><b>REPEAL</b></p>	<p>This section is no longer required. All oil and gas measurement and testing requirements are contained in <i>Directive PNG017: Measurement Requirements for Oil and Gas Operations</i>.</p>
<p><b>Battery proration and individual well tests</b>  <b>87(1)</b> The minister may, on application pursuant to section 6, permit the keeping of records or the filing of reports or information pursuant to section 105 on a battery basis if two or more wells are tied to common storage and treating facilities.</p> <p>(2) If the minister has permitted the keeping of records or filing of reports or information on a battery basis pursuant to subsection (1):</p> <p>(a) the manner, frequency and duration of tests to be taken to establish the rates of production of each fluid for each well tied to the battery must be as determined by the minister;</p> <p>(b) the total combined production of each</p>	<p><b>REPEAL</b></p>	<p>This section is no longer required. The matters deal with in subsections 87(1) to (7), inclusive are now covered by <i>Directive PNG017: Measurement Requirements for Oil and Gas Operations</i>. The requirement set out in subsection 87(8) is being relocated to section 93.</p>

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<p>fluid must be prorated to the individual wells tied to the battery in the manner determined by the minister; and</p> <p>(c) the production figures, prorated in accordance with clause (b), represent the production of each well for all purposes.</p> <p>(3) Every well to which subsection (2) applies must be tested monthly for the purpose of reporting monthly production of oil, condensate, gas, water and any other substances, unless otherwise approved by the minister on application pursuant to section 6.</p> <p>(4) The tests mentioned in subsection (2) must be for a period of at least 24 consecutive hours unless otherwise approved by the minister on an application pursuant to section 6.</p> <p>(5) Each measured total quantity of oil, condensate, gas, water or any other substance produced by a group of wells tied to a battery or facility must be apportioned to the individual wells in proportion to the relative test production in the manner outlined by the minister.</p> <p>(6) For the purposes of section 105, the total gas production from a battery or facility includes the sum of:</p> <ul style="list-style-type: none"> <li>(a) all group gas chart measurements;</li> <li>(b) all individual test gas chart measurements; and</li> <li>(c) estimates of all gas produced by the wells tied to a battery or facility during the month and not measured for any</li> </ul>		

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<p>reason.</p> <p>(7) An operator of a well shall, on the request of the minister and in the form and manner required by the minister, submit to the minister the results of the production test taken during any month.</p> <p>(8) The minister may:</p> <ul style="list-style-type: none"> <li>(a) require an operator of a well to conduct a production test; and</li> <li>(b) witness any production test conducted pursuant to clause (a).</li> </ul>		
<p><b>Drill cutting samples</b></p> <p><b>88</b>(1) Unless otherwise directed by the minister, each operator shall cause to be taken at interval depths of five metres a series of samples of the various formations penetrated by the drill in drilling a well and shall preserve and maintain those samples.</p> <p>(2) Two sets of samples taken pursuant to subsection (1) must be:</p> <ul style="list-style-type: none"> <li>(a) cleaned and dried;</li> <li>(b) preserved in 11 millilitre (three dram) vials: <ul style="list-style-type: none"> <li>(i) labelled with the well name, licence number and unique well identifier and the depth at which each sample was taken; and</li> <li>(ii) contained in 24-centimetre by 34-centimetre trays labelled with the well name and licence number and the intervals of depth over which the samples were taken; and</li> </ul> </li> <li>(c) submitted within 30 days after the</li> </ul>	<p><b>REPEAL</b></p>	<p>Clause 88 is repealed since the requirements for drill cutting samples and related submission requirements are specified in <i>Directive PNG013: Well Data Submission Requirements</i>.</p>

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<p>finished drilling date prepaid to: The Subsurface Geological Laboratory 201 Dewdney Avenue East Regina, Saskatchewan S4N 4G3.</p>		
<p><b>Cores and submission of cores</b>  <b>89(1)</b> Unless otherwise directed by the minister, all cores taken from a core barrel, except those portions of cores that may reasonably be necessary to retain for analytical purposes, must be protected from theft or misplacement and submitted prepaid to the laboratory mentioned in subsection 88(2) within 30 days after the finished drilling date of the well.  (2) All cores submitted to the laboratory must be crated in proper stratigraphic order in sturdily constructed cardboard boxes that do not exceed the specifications set out in Table 1.  (3) The following requirements apply to the core boxes mentioned in subsection (2):  (a) one end of the lid of the core box and one end of the body of the core box must be marked to indicate:  (i) the name, licence number, unique well identifier and location of the well;  (ii) the core number and its depth interval;  (iii) the box number expressed as “ ___ of ___ boxes”;  (b) the top of the core must be placed</p>	<p><b>Cores and submission of cores</b>  <b>89(1)</b> Unless otherwise directed by the minister, all cores taken from a core barrel, except those portions of cores that may reasonably be necessary to retain for analytical purposes, must be protected from theft or misplacement and submitted prepaid within the time and in the manner specified by the minister.  (2) <b>Repeal</b>  (3) <b>Repeal</b>  (4) No person shall destroy any core, except any portion that may be reasonably necessary for analytical purposes, without the approval of the minister.  (5) No person shall take any core out of Saskatchewan without the consent of the minister.  (6) All core analyses made on cores from every well drilled in Saskatchewan must be submitted to the minister within 30 days after the analyses are completed.  (7) Every operator shall, within 10 days after the finished drilling date of a well from which cores are taken, submit to the minister a statement showing the number of cores taken and the number of standard size core-boxes used to hold the cores.  (8) The minister may, as a condition for</p>	<p>Subsections 89(1) and 89(7) are amended because the submission requirements for core and tests are being specified in <i>Directive PNG013</i>.</p> <p>Subsections (2) and (3) are being repealed and will be included in Directive PNG013.</p> <p>Subsections (9) and (10) are being repealed since the concept of an “oil shale core hole” has been removed from the regulations.</p> <p>Subsection 89(2) is amended to remove the requirement to place the a well name on the core box. Well names are no longer used for designating wells in IRIS.</p>

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<p>at the labelled end of the body of the core box and the top and bottom of the core are to be legibly marked on a conspicuous part of the body of the core box;</p> <p>(c) the body of the core box must contain a single folded divider covering the bottom of the box and extending upwards to separate the rows of core.</p> <p>(4) No person shall destroy any core, except any portion that may be reasonably necessary for analytical purposes, without the approval of the minister.</p> <p>(5) No person shall take any core out of Saskatchewan without the consent of the minister.</p> <p>(6) All core analyses made on cores from every well drilled in Saskatchewan must be submitted to the minister within 30 days after the analyses are completed.</p> <p>(7) Every operator shall, within 10 days after the finished drilling date of a well from which cores are taken, submit to the minister a statement showing the number of cores taken and the number of standard size core-boxes used to hold the cores.</p> <p>(8) The minister may, as a condition for issuing a licence, require the licensee of a well being drilled for oil or gas in a designated field or pool to core and test any formation from which production of oil or gas may be expected and, in the event that information is</p>	<p>issuing a licence, require the licensee of a well being drilled for oil or gas in a designated field or pool to core and test any formation from which production of oil or gas may be expected and, in the event that information is required, the licensee shall submit the core and test results within the time and in the manner specified by the minister.</p> <p><b>(9) Repeal</b></p> <p><b>(10) Repeal</b></p>	

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<p>required, the licensee shall submit it to the minister by the most expeditious method.</p> <p>(9) All cores taken from oil shale core holes, except those portions that may reasonably be necessary to retain for analytical purposes, must be submitted to the minister in accordance with this section unless otherwise authorized by the minister.</p> <p>(10) All core analyses of cores taken from oil shale holes must be submitted to the minister within 30 days after the analyses are completed.</p>		
<p><b>Log surveys for well and structure test holes</b></p> <p><b>90</b>(1) Before the completion or abandonment of a well, the operator shall have the following logs taken unless otherwise approved by the minister on application pursuant to section 6:</p> <p>(a) an approved resistivity log or standard electric log, excluding contact logs, from surface casing shoe to total depth;</p> <p>(b) an approved radioactivity log, including both natural and induced radioactivity or an approved porosity curve, commencing at a distance sufficiently above the top of the Paleozoic Erathem to give an accurate shale line, to the total depth if the well penetrates more than 15 metres into the Paleozoic Erathem.</p> <p>(2) In selecting the log to be taken as required by clause (1)(a), the operator shall consider the general condition of the well and the fluid</p>	<p><b>Log surveys for well and structure test holes</b></p> <p><b>90</b>(1) The operator shall run logs in the manner specified by the minister.</p> <p>(2) In selecting the log to be taken as required pursuant to this section, the operator shall consider the general condition of the well and the fluid in the bore hole and select the log that gives the optimum information under existing conditions.</p> <p>(3) <b>Repeal.</b></p> <p>(4) <b>Repeal</b></p> <p>(5) Unless otherwise directed by the minister, the operator shall submit any logs to the minister.</p>	<ul style="list-style-type: none"> <li>• The requirements related to logs surveys that are found in subsections 90(1) and 90(3) are repealed and replaced with a general requirement in the new subsection 90(1) that test logs be run in a manner specified by the minister. These requirements are now set out in <i>Directive PNG010: Well Logging Requirements</i> and <i>Directive PNG008: Disposal and Injection Well Requirements</i>.</li> <li>• Subsection 91(4) is repealed. Additional logging requirements will be guided by directives approved pursuant to section 17 of the Act and directed by the minister in accordance with the revised subsection 90(1).</li> <li>• Subsection 90(5) is amended to remove details on submission requirements for logs. These are now set out in <i>Directive PNG013: Well Data Submission Requirements</i>.</li> </ul>

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<p>in the bore hole and select the log that gives the optimum information under existing conditions.</p> <p>(3) Before the completion or abandonment of a structure test hole, the operator shall have an electrical log, or another approved log, taken with all pertinent data recorded on it unless permission to dispense with the taking of logs is obtained from the minister.</p> <p>(4) On any well the operator shall, whenever directed to do so by the minister, take any other log or well survey that is generally recognized and in practical use in the oil and gas industry for obtaining subsurface information.</p> <p>(5) Unless otherwise directed by the minister, the operator shall submit to the minister a complete suite of logs and surveys for each well drilled, together with factual data within 30 days after the logs or surveys are taken or made.</p>		
<p><b>Bottom-hole pressure surveys</b></p> <p><b>91</b> If a bottom-hole pressure survey of a well is made either on the operator's initiative or at the minister's direction:</p> <p>(a) the procedure regarding testing of wells and calibration of pressure gauges must be in accordance with the standards and procedures established by the minister; and</p> <p>(b) the operator shall submit the results of the survey, together with any pertinent information that the minister may</p>	<p><b>Bottom-hole pressure surveys</b></p> <p><b>91</b> If a bottom-hole pressure survey of a well is made either on the operator's initiative or at the minister's direction:</p> <p>(a) the procedure regarding testing of wells and calibration of pressure gauges must be in accordance with the approved standards and procedures; and</p> <p>(b) the operator shall submit the results of the survey within the time and in the manner specified by the minister.</p>	<p>Two changes are proposed for this section:</p> <ul style="list-style-type: none"> <li>• Clause 91(a) is amended to replace the phrase 'established by the minister' and insert the defined term 'approved'. 'Approved' is defined in the regulations as approved by the minister.</li> <li>• Clause 91(b) is amended to remove the reference to the content of the submission and the requirements related to the timing of the submission. These requirements are now specified in</li> </ul>

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<p>request regarding the manner in which the survey was carried out, to the minister within 30 days after completion of the survey.</p>		<p><i>Directive PNG013: Well Data Submission Requirements.</i></p>
<p><b>Reservoir surveys</b>  <b>92(1)</b> Subject to subsection (2), the minister may require surveys of reservoirs containing oil, gas or any other substances to be made at any time and in any manner that the minister considers advisable.  (2) An operator who is planning to make a reservoir survey shall notify the minister at least 14 days before making the reservoir survey.  (3) Reservoir surveys may include:  (a) the static bottom-hole pressures of shut-in wells;  (b) flowing bottom-hole pressures of producing wells included in the survey;  (c) the bottom-hole sample analysis of oil, if available;  (d) the productivity indices of individual wells in any pool; or  (e) any other information that the minister may require.  (4) If a reservoir survey is required to be made pursuant to subsection (1), operators shall permit and assist the minister in making tests that may be required by it, including bottom-hole pressure determinations.  (5) The minister is not liable for any damage incurred as a result of making tests or surveys that may be required by this section.</p>	<p><b>Reservoir surveys</b>  <b>92(1)</b> The minister may require surveys of reservoirs containing oil, gas or any other substances to be made at any time and in any manner that the minister considers advisable.  (2) <b>Repeal.</b>  (3) Reservoir surveys may include:  (a) the static bottom-hole pressures of shut-in wells;  (b) flowing bottom-hole pressures of producing wells included in the survey;  (c) the bottom-hole sample analysis of oil, if available;  (d) the productivity indices of individual wells in any pool; or  (e) any other information that the minister may require.  (4) If a reservoir survey is required to be made pursuant to subsection (1), operators shall permit and assist the minister in making tests that may be required by it, including bottom-hole pressure determinations.  (5) The minister is not liable for any damage incurred as a result of making tests or surveys that may be required by this section.  (6) <b>Repeal.</b></p>	<p>The requirement for notification prior to conducting a reservoir survey in subsection 92(2) is being repealed. If notification is required, it will be specified in the request for the survey pursuant to subsection 92(1).</p> <p>Subsection 92(6) is no longer required since the submission timing is now specified in <i>Directive PNG013: Well Data Submission Requirements.</i></p>



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(6) The operator shall submit the results of any reservoir survey conducted pursuant to this section within 30 days after completion of the survey.		
<p><b>Submission of drill stem test data</b>  <b>93</b> If drill stem tests are taken, the operator shall submit the drill stem test reports, including pressure charts, within 30 days after the completion of the tests.</p>	<p><b>Requirement to perform production test</b>  <b>93</b> The minister may require the operator of a well:</p> <ul style="list-style-type: none"> <li>(a) to conduct a production test that may be witnessed by the minister; and</li> <li>(b) to submit the results of the production test within the time and in the manner specified by the minister.</li> </ul>	<p>Section 93 is repealed and replace with a new section 93. The requirements related to drill stem tests are now set out in <i>Directive PNG013: Well Data Submission Requirements</i>. The new section 93 incorporates provisions previously contained in subsection 87(8) related to production testing of wells.</p>
<p><b>New</b></p>	<p><b>Oil, gas and water analyses</b>  <b>93.1(1)</b> The minister may require an operator to take and analyze a sample of oil, gas, water, products or other substances from a well within the time and in the manner specified by the minister.  <b>(2)</b> The operator shall submit to the minister the results of each analysis of a sample of oil, gas, water, products or other substances recovered that:</p> <ul style="list-style-type: none"> <li>(a) the operator causes to be made on the operator's own accord; and</li> <li>(b) is required to be made pursuant to subsection (1).</li> </ul>	<p>No substantive change. Section 93.1 replaces section 83 which is being repealed as part of these amendments. The intent of the proposed section 93.1 is the same as the repealed provision. The amendment will result in the requirements for oil, gas and water analysis to appear in Division II of Part XIII of the regulations, rather than Division I. Division II deals with the collection of well data. Division I deals with measurement and testing. The matters dealt with in section 93.1 are best suited to Division II rather than Division I. Requirements related to the submission of the information is specified in <i>Directive PNG013: Well Data Submission Requirements</i>.</p>
<p><b>Notification of spud-in</b></p>	<p><b>REPEAL</b></p>	<p>Notification requirements are now specified</p>

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<p><b>94</b> Every operator shall notify the minister of the spud-in of a well within 12 hours after the spud-in takes place.</p>		<p>in <i>Directive PNG013: Well Data Submission Requirements</i>.</p>
<p><b>Notice of completion of facility construction</b>  <b>95</b> Every operator shall notify the minister of the completion of the construction of the facility within 48 hours after the completion.</p>	<p><b>REPEAL</b></p>	<p>Notification requirements are now specified in <i>Directive PNG013: Well Data Submission Requirements</i>.</p>
<p><b>Notice of intention to rework</b>  <b>96</b> If an operator wishes to rework or recondition a well, the operator shall notify the minister before commencement of the reworking or reconditioning.</p>	<p><b>REPEAL</b></p>	<p>This notification is no longer required. The expectation is that the company reports that they did the rework or reconditioning in the IRIS system.</p>
<p><b>Notice of well completion</b>  <b>97</b> Every operator shall notify the minister of the completion of a well within 12 hours after the completion.</p>	<p><b>REPEAL</b></p>	<p>Notification requirements are now specified in <i>Directive PNG013: Well Data Submission Requirements</i>.</p>
<p><b>Notification of wildcat discoveries</b>  <b>98</b> If an operator discovers significant quantities of oil or gas in any formation in a wildcat well or water in a glacial drift, the operator shall notify the minister of the nature and quantity of the oil or gas discovered by the most expeditious method.</p>	<p><b>REPEAL</b></p>	<p>This notification is no longer required since it is not required by any internal business process.</p>
<p><b>Notification of spills, fires, etc.</b>  <b>99</b>(1) The operator of a well, facility, pipeline or flowline shall promptly report to the minister the particulars of the following:  (a) a fire;  (b) a blow-out;  (c) a break in, contact damage to or leak from a pipeline or flowline, other than where notification is made pursuant to</p>	<p><b>REPEAL</b></p>	<p>Notification and submission requirements are now provided within <i>Directive PNG014: Incident Reporting Requirements</i>.</p>

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<p>section 20 of <i>The Pipelines Regulations, 2000</i> and a written report is submitted pursuant to section 21 of <i>The Pipelines Regulations, 2000</i>;</p> <p>(d) an escape or release of a substance that contains hydrogen sulphide in a concentration equal to or greater than 1000 parts per million or 1.0 moles H<sub>2</sub>S/kilomole as measured at the edge of the lease or property boundary; or</p> <p>(e) a break, leak, malfunction of any equipment, or intentional or unintentional action that results in the escape or release of:</p> <p style="padding-left: 20px;">(i) oil, salt water, condensate, oil and gas waste or product if any volume escapes or is released:</p> <p style="padding-left: 40px;">(A) beyond the property that the licensee owns or leases, including releases that occur while the substance is being transported by a vehicle; or</p> <p style="padding-left: 40px;">(B) in an amount equal to or greater than 2.0 cubic metres within the property that the operator owns or leases; or</p> <p style="padding-left: 20px;">(ii) refined chemicals used in or in association with the maintenance, production or operation of a well, facility, pipeline or flowline if any volume escapes or is released in an amount equal to or greater than 0.5 cubic metres and is contained within</p>		

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<p>the property that the licensee or operator owns or leases.</p> <p>(2) Unless otherwise approved by the minister on application pursuant to section 6, within 90 days after the report is made pursuant to subsection (1), the operator shall submit a report to the minister containing the following information:</p> <ul style="list-style-type: none"> <li>(a) the exact location of the event mentioned in subsection (1), including: <ul style="list-style-type: none"> <li>(i) the section, township and range of the event; and</li> <li>(ii) any other geographic or other information that may be necessary to establish the exact location of the event mentioned in subsection (1);</li> </ul> </li> <li>(b) an estimate of the initial oil, salt water, condensate, product or gas lost and a further estimate of any subsequent recovery;</li> <li>(c) the time the event mentioned in subsection (1) occurred;</li> <li>(d) a description of the circumstances leading to the event mentioned in subsection (1);</li> <li>(e) a discussion of the containment and recovery procedures respecting the event mentioned in subsection (1);</li> <li>(f) a discussion of steps to be taken to prevent similar future events similar to the event mentioned in subsection (1);</li> <li>(g) any other information that the minister may require.</li> </ul>		

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<p>(3) Unless otherwise approved by the minister on application pursuant to section 6, an operator described in subsection (1) shall:</p> <p style="padding-left: 40px;">(a) reclaim the area impacted by the event mentioned in subsection (1) to standards specified by the minister; and</p> <p style="padding-left: 40px;">(b) submit a reclamation report to the minister.</p>		
<p><b>Well, facility and plant records</b></p> <p><b>100</b>(1) Every person who produces, sells, purchases, acquires, stores, transports, refines or processes oil, gas, water, products or other substances shall keep and maintain complete and accurate records in Saskatchewan of the quantities of the oil, gas, water, product or other substances.</p> <p>(2) The records mentioned in subsection (1) must be available at all times for examination by the minister, and any person mentioned in subsection (1) may be required by the minister to submit to the minister any reports or other information that the minister may require with respect to the oil, gas, water, products or other substances.</p> <p>(3) Every person who is the owner or has the control or management of a refinery, scrubbing plant or processing plant in Saskatchewan shall keep and maintain, at the person's office or other place of business in Saskatchewan, complete and accurate records of:</p> <p style="padding-left: 40px;">(a) oil, gas, water, products or other substances received at the refinery,</p>	<p><b>Well, facility and plant records</b></p> <p><b>100</b>(1) Every person who produces, sells, purchases, acquires, stores, transports, refines or processes oil, gas, water, products or other substances shall keep and maintain complete and accurate records of the quantities of the oil, gas, water, product or other substances.</p> <p>(2) <b>Repeal.</b></p> <p>(3) Every person who is the owner or has the control or management of a refinery or processing plant in Saskatchewan shall keep and maintain complete and accurate records of:</p> <p style="padding-left: 40px;">(a) oil, gas, water, products or other substances received at the refinery or processing plant;</p> <p style="padding-left: 40px;">(b) the name and address of every person from whom the oil, gas, water, products or other substances was received;</p> <p style="padding-left: 40px;">(c) the quantity and quality of oil, gas, water, products or other substances, and the quantity and type of water received from each person;</p> <p style="padding-left: 40px;">(d) the price payable with respect to that</p>	<ul style="list-style-type: none"> <li>• Proposed clarification that records do not need to be kept within Saskatchewan and that they must be provided upon request by the minister.</li> <li>• Subsection (2) is replaced by a new proposed subsection (8)</li> <li>• The term “scrubbing plant” is being deleted since it is no longer used.</li> </ul>

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<p>scrubbing plant or processing plant;</p> <p>(b) the name and address of every person from whom the oil, gas, water, products or other substances was received;</p> <p>(c) the quantity and quality of oil, gas, water, products or other substances, and the quantity and type of water received from each person;</p> <p>(d) the price payable with respect to that oil, gas, water, products or other substances; and</p> <p>(e) every disposition by the person of any product or other substance obtained from refining, treating or processing the oil, gas, water, products or other substances.</p> <p>(4) If a well is producing or is capable of producing oil, gas, water, products or other substances, the owner shall keep, at the owner's field office or other place of business in Saskatchewan, a daily record of the well showing:</p> <p>(a) the oil, gas, water, products or other substances, including sediment, produced from the well;</p> <p>(b) the average separator pressure or, if a separator is not in use, the average treater pressure; and</p> <p>(c) full particulars of the disposition of all products of the well.</p> <p>(5) If oil, gas, water, products or other substances are injected or disposed of into a well, the owner shall keep, at the owner's field office or other place of business in</p>	<p>oil, gas, water, products or other substances; and</p> <p>(e) every disposition by the person of any product or other substance obtained from refining, treating or processing the oil, gas, water, products or other substances.</p> <p>(4) If a well is producing or is capable of producing oil, gas, water, products or other substances, the owner shall keep a daily record of the well showing:</p> <p>(a) the oil, gas, water, products or other substances, including sediment, produced from the well;</p> <p>(b) the average separator pressure or, if a separator is not in use, the average treater pressure; and</p> <p>(c) full particulars of the disposition of all products of the well.</p> <p>(5) If oil, gas, water, products or other substances are injected or disposed of into a well, the owner shall keep a daily record of the well showing:</p> <p>(a) the oil, gas, water, products or other substances injected or disposed of into the well;</p> <p>(b) the source from which the oil, gas, water, products or other substances were obtained;</p> <p>(c) the particulars of any treatment to which the oil, gas, water, products or other substances have been subjected; and</p> <p>(d) the pressure used in the injection of</p>	

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<p>Saskatchewan, a daily record of the well showing:</p> <ul style="list-style-type: none"> <li>(a) the oil, gas, water, products or other substances injected or disposed of into the well;</li> <li>(b) the source from which the oil, gas, water, products or other substances were obtained;</li> <li>(c) the particulars of any treatment to which the oil, gas, water, products or other substances have been subjected; and</li> <li>(d) the pressure used in the injection of the fluid.</li> </ul> <p>(6) The owner shall keep any other records that the minister may require.</p> <p>(7) Every person operating a plant for processing oil, gas or products shall keep a daily record of the oil, gas or products processed during each month.</p>	<p>the fluid.</p> <p>(6) The owner shall keep any other records that the minister may require.</p> <p>(7) Every person operating a plant for processing oil, gas or products shall keep a daily record of the oil, gas or products processed during each month.</p> <p>(8) The records mentioned in subsections (1) to (7) must be available for examination by the minister on request.</p>	
<p><b>Submission of contracts and other information</b></p> <p><b>101(1)</b> The minister may request that a producer, operator or purchaser who is a seller or buyer of oil, gas products or other substances produced in Saskatchewan submit to the minister:</p> <ul style="list-style-type: none"> <li>(a) an executed copy of the written sales contract for the oil, gas, products or substances;</li> <li>(b) a statement in writing of the terms and conditions of the unwritten sales contract for the oil, gas, products or</li> </ul>	<p><b>Submission of contracts and other information</b></p> <p><b>101(1)</b> The minister may request that a producer, operator or purchaser who is a seller or buyer of oil, gas, products or other substances produced in Saskatchewan submit to the minister:</p> <ul style="list-style-type: none"> <li>(a) an executed copy of the written sales contract for the oil, gas, products or substances;</li> <li>(b) a statement in writing of the terms and conditions of the unwritten sales contract for the oil, gas, products or</li> </ul>	<p>Subsection 101(3) is amended to require the operator to submit corrected information within 14 days after identifying an error rather than 30 days, for consistency with subsection 101(2).</p> <p>A comma has been inserted between the words “gas” and “products” in subsection 101(1) to differentiate between the two substances.</p>

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<p>substances; or  (c) an actual purchase statement or invoice that contains all of the details of the sale and purchase of the oil, gas, products or substances.</p> <p>(2) If the minister makes a request pursuant to subsection (1), the producer, operator or purchaser shall submit the information within 14 days after the request.</p> <p>(3) If a producer, operator or purchaser becomes aware that any information submitted pursuant to subsection (1) is incorrect, the producer, operator or purchaser shall submit the correct information to the minister within 30 days after the day on which the producer, operator or purchaser becomes aware that the information previously submitted is incorrect.</p>	<p>substances; or  (c) an actual purchase statement or invoice that contains all of the details of the sale and purchase of the oil, gas, products or substances.</p> <p>(2) If the minister makes a request pursuant to subsection (1), the producer, operator or purchaser shall submit the information within 14 days after the request.</p> <p>(3) If a producer, operator or purchaser becomes aware that any information submitted pursuant to subsection (1) is incorrect, the producer, operator or purchaser shall submit the correct information to the minister within 14 days after the day on which the producer, operator or purchaser becomes aware that the information previously submitted is incorrect.</p>	
<p><b>Geological report or summary</b>  <b>102</b> An operator who drills a horizontal well or who, at any time, drills a new horizontal section from that horizontal well shall, within 30 days after the rig release date, submit to the minister:</p> <p>(a) a geological report, including sample descriptions; and  (b) the accompanying lithological description log.</p>	<p><b>Geological report or summary</b>  <b>102</b> An operator who drills a horizontal well or who, at any time, drills a new horizontal section from a horizontal well shall create and submit in an approved form and manner:</p> <p>a) a geological report; and  b) lithological description logs.</p>	<p>The requirements for the submission of geological reports and lithological description logs are now set out in <i>Directive PNG013: Well Data Submission Requirements</i>.</p>
<p><b>Tour reports</b></p>	<p><b>Tour reports</b></p>	<p>The requirements for the submission of tour</p>



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<p><b>103(1)</b> Every operator shall keep records of all of the following information at every drilling rig:</p> <ul style="list-style-type: none"> <li>(a) any cementing operation conducted, including: <ul style="list-style-type: none"> <li>(i) the name of the cementing company;</li> <li>(ii) the method of cementing;</li> <li>(iii) the type and amount of cement and additives used;</li> <li>(iv) the weight and volume of slurry;</li> <li>(v) the volume of cement returned to the surface;</li> <li>(vi) the time for plug down;</li> </ul> </li> <li>(b) any kick or flow encountered;</li> <li>(c) any log, drill stem test, cored interval or other survey performed;</li> <li>(d) any abandonment plug used, including: <ul style="list-style-type: none"> <li>(i) the length;</li> <li>(ii) the setting depth;</li> <li>(iii) the amount and type of cement and additives;</li> <li>(iv) the weight and volume of slurry;</li> <li>(v) the depth felt;</li> </ul> </li> <li>(e) the elevation of the kelly bushing of the drilling rig; and</li> <li>(f) the date and time of the rig release.</li> </ul> <p>(2) Within 30 days after the day of rig release, every operator shall submit to the minister:</p> <ul style="list-style-type: none"> <li>(a) the information listed in subsection (1); and</li> <li>(b) any other information that the</li> </ul>	<p><b>103(1)</b> Every operator shall keep records of all of the following information at every drilling rig:</p> <ul style="list-style-type: none"> <li>(a) any cementing operation conducted, including: <ul style="list-style-type: none"> <li>(i) the name of the cementing company;</li> <li>(ii) the method of cementing;</li> <li>(iii) the type and amount of cement and additives used;</li> <li>(iv) the weight and volume of slurry;</li> <li>(v) the volume of cement returned to the surface;</li> <li>(vi) the time for plug down;</li> </ul> </li> <li>(b) any kick or flow encountered;</li> <li>(c) any log, drill stem test, cored interval or other survey performed;</li> <li>(d) any abandonment plug used, including: <ul style="list-style-type: none"> <li>(i) the length;</li> <li>(ii) the setting depth;</li> <li>(iii) the amount and type of cement and additives;</li> <li>(iv) the weight and volume of slurry;</li> <li>(v) the depth felt;</li> </ul> </li> <li>(e) the elevation of the kelly bushing of the drilling rig; and</li> <li>(f) the date and time of the rig release.</li> </ul> <p>(2) Every operator shall submit to the minister in an approved form and manner:</p> <ul style="list-style-type: none"> <li>(a) the information listed in subsection (1); and</li> <li>(b) any other information that the</li> </ul>	<p>reports are now set out in <i>Directive PNG013: Well Data Submission Requirements</i>.</p>

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minister may require.	minister may require.	
<p><b>Well completion data reports</b>  <b>104(1)</b> Every operator shall submit to the minister:</p> <p>(a) a finished drilling report, within 30 days after the finished drilling date;</p> <p>(b) in the case of a horizontal well, a finished drilling report for each productive horizontal section, within 30 days after rig release; and</p> <p>(c) a supplementary well data report, within 30 days after completion of any workover job that may be reasonably construed as having been carried out to change the producing characteristics of a well.</p> <p>(2) The report submitted pursuant to clause (1)(c) must include details on acidizing, formation fracturing, squeeze cementing perforations, reperforating and abandoning of a producing well.</p> <p>(3) The operator shall, on the request of the minister, submit reports and records showing gun perforating, hydraulic fracturing, cementing, shooting or chemical treatment on any well.</p>	<p><b>Well completion data reports</b>  <b>104(1)</b> Every operator shall create and submit within the time and in the manner specified by the minister a report of any completion activity or workover activity that may be reasonably construed as having been carried out to change the producing characteristics of a well.</p> <p>(2) The report submitted pursuant to clause (1)(c) must include details on acidizing, formation fracturing, squeeze cementing perforations, reperforating and abandoning of a producing well.</p> <p>(3) The operator shall submit within the time and in the manner specified by the minister reports and records showing gun perforating, hydraulic fracturing, cementing, shooting or chemical treatment on any well.</p>	<p>The requirements for the submission of well completion data is set out in <i>Directive PNG013: Well Data Submission Requirements</i>. Industry is now required to submit structured data elements formerly contained in the reports referenced in clauses 104(1)(a) and 104(1)(b) directly into the ministry’s IRIS system.</p>
<p><b>Submission of reports and statements</b>  <b>105(1)</b> In this section and section 106.1:</p> <p>(a) “<b>assigned heating value</b>” means the assigned heating value determined by the minister for gas produced from oil wells in a month pursuant to subsection (5);</p>	<p><b>REPEAL</b></p>	<p>This section is no longer required. The submission of well and facility volumetric, valuation and infrastructure information is now governed by the requirements of <i>Directive R01: Volumetric, Valuation and Infrastructure Reporting Petrinex</i>.</p>

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<p>(b) <b>“crude oil recovery facility”</b> means a crude oil recovery facility as defined in <i>The Freehold Oil and Gas Production Tax Act, 2010</i>;</p> <p>(c) <b>“financial operator”</b> means:</p> <p>(i) an operator as defined in:</p> <p>(A) clause 2(ff) of <i>The Crown Oil and Gas Royalty Regulations, 2012</i>;</p> <p>(B) clause 2(dd) of <i>The Freehold Oil and Gas Production Tax Regulations, 2012</i>; and</p> <p>(C) clause 2(b) of <i>The Recovered Crude Oil Tax Regulations, 2012</i>; and</p> <p>(ii) a special operator as defined in:</p> <p>(A) clause 2(pp) of <i>The Crown Oil and Gas Royalty Regulations, 2012</i>;</p> <p>(B) clause 2(ll) of <i>The Freehold Oil and Gas Production Tax Regulations, 2012</i>; and</p> <p>(C) clause 2(e) of <i>The Recovered Crude Oil Tax Regulations, 2012</i>;</p> <p>(d) <b>“heating value”</b> means the total joules obtained by the complete combustion of one cubic metre of natural gas or residue gas and air under the following conditions:</p> <p>(i) the combination reaction is at constant standard pressure;</p> <p>(ii) the gas, including acid gas components, is free of all water vapour;</p>		

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<p>(iii) the temperature of the gas, air and products of combustion are at standard temperature;</p> <p>(iv) all water formed by the combustion reaction is condensed to a liquid state;</p> <p>(e) <b>“recovered crude oil”</b> means recovered crude oil as defined in <i>The Freehold Oil and Gas Production Tax Act, 2010</i>;</p> <p>(f) <b>“volumetric submission date”</b> means the date set for the submission of volumetric information pursuant to subsection (3), (4) or (7), subsection 107(2), clause 108(2)(a), clause 110(1)(a) or subsection 110(2).</p> <p>(2) Every report, statement, application, document, record, notification or other information required pursuant to this section:</p> <p>(a) must be complete and accurate;</p> <p>(b) must be submitted to the minister through the registry; and</p> <p>(c) unless otherwise approved by the minister on an application pursuant to section 6, must be submitted within the time mentioned in this section.</p> <p>(3) Subject to subsection (4), every operator of a well or facility that produces, stores, processes or handles oil, condensate, gas, water or any other substance during any month shall submit the following information on or before the 20th day of the month following the month with respect to which the information is being submitted:</p>		

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<p>(a) the oil, condensate, gas, water, and other substances, including sediment, produced from each well in that facility during the month;</p> <p>(b) the number of hours during which each well was on production in the month;</p> <p>(c) the particulars of any production, load or completion activities, inventories, consumption or losses of oil, condensate, gas, water or any other substance associated with the operation of a well or facility;</p> <p>(d) the particulars of any receipts from and deliveries to other facilities, including facilities outside Saskatchewan;</p> <p>(e) in the case of a gas well, the heating value of the gas produced from that well;</p> <p>(f) the total amount of oil, water, gas, or any other substance recovered from each well in a storage reservoir or storage cavern during the month.</p> <p>(4) In the case of an oil well from which gas is produced during a month, the operator may, on or before the 20th day of the month following the month with respect to which information is required to be submitted pursuant to subsection (3):</p> <p>(a) submit the heating value of the gas produced from that well; or</p> <p>(b) opt not to submit the heating value of the gas produced from that well and as a result have the minister use an assigned</p>		

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<p>heating value.</p> <p>(5) For the purposes of subsection (4), the minister may determine an assigned heating value for a month after consideration of the following:</p> <ul style="list-style-type: none"> <li>(a) heating values determined from information entered on the registry;</li> <li>(b) any event or other information that, in the opinion of the minister, may have affected the level of heating values in Saskatchewan.</li> </ul> <p>(6) On or before the last business day of the month following the month with respect to which the information is being submitted, every operator or financial operator who disposes of oil, condensate or any substance other than gas produced from or allocated to a well or facility during any month shall submit the particulars of any disposition and sale, including:</p> <ul style="list-style-type: none"> <li>(a) details of deliveries and sales, including those deliveries and sales occurring outside of Saskatchewan; and</li> <li>(b) the purchaser, custody transfer point, allowable transportation expenses, volume, price and value of sales.</li> </ul> <p>(7) Every operator of a well into which oil, water, gas or any other substance is injected during any month and any associated facility shall submit the following information on or before the 20th day of the month following the month with respect to which the information is being submitted:</p>		

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<p>(a) the amount of oil, water, gas, or any other substance received from each supplying well, facility or other source during the month, including receipts from sources outside Saskatchewan;</p> <p>(b) the total amount of oil, water, gas or any other substance injected into each well, facility or storage reservoir or storage cavern during the month;</p> <p>(c) the number of hours during which the well was on injection or recovery during the month;</p> <p>(d) details of any inventories, consumption, losses and deliveries of oil, water, gas or any other substance associated with the operation of that well or facility during the month, including details of deliveries to facilities outside Saskatchewan.</p> <p>(8) Every operator of a new well shall notify the minister on or before the earlier of:</p> <p>(a) 30 days after the date of first production or injection; and</p> <p>(b) the volumetric submission date.</p> <p>(9) Every operator of a well:</p> <p>(a) who undertakes any operation to change the well's status or recomplete the well to a different zone shall notify the minister on or before the earlier of:</p> <p>(i) 30 days after the date of first production or injection related to the change in the well's status or recompletion to a different zone; and</p>		

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<p>(ii) the volumetric submission date;</p> <p>(b) who suspends production or injection operations at a well shall notify the minister on or before the earlier of:</p> <p style="padding-left: 20px;">(i) 30 days after the day of suspension;</p> <p style="padding-left: 20px;">and</p> <p style="padding-left: 20px;">(ii) the volumetric submission date;</p> <p style="padding-left: 20px;">and</p> <p>(c) who resumes production or injection operations at a well, in the same zone that the production or injection operations were suspended, shall notify the minister on or before the earlier of:</p> <p style="padding-left: 20px;">(i) 30 days after the day the well resumes production or injection operations; and</p> <p style="padding-left: 20px;">(ii) the volumetric submission date.</p> <p>(10) Every operator of a well or facility shall:</p> <p style="padding-left: 20px;">(a) in the case of a new single-well battery, obtain from the registry a facility code on or before the earliest of:</p> <p style="padding-left: 40px;">(i) 30 days after the day of any initial load or completion activity at the well;</p> <p style="padding-left: 40px;">(ii) 30 days after the date of first production or injection; and</p> <p style="padding-left: 40px;">(iii) the volumetric submission date;</p> <p style="padding-left: 20px;">and</p> <p style="padding-left: 20px;">(b) in the case of a new facility that is not a single-well battery, obtain from the registry a facility code on or before the earlier of:</p> <p style="padding-left: 40px;">(i) 30 days after the date on which the</p>		



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<p>facility commences operations; and  (ii) the volumetric submission date.</p> <p>(11) Every operator of a crude oil recovery facility shall notify the minister of the delivery of recovered crude oil on or before the earlier of:</p> <p>(a) 30 days after the day on which the recovered crude oil is delivered from the crude oil recovery facility; and  (b) the volumetric submission date.</p> <p>(12) Every operator of a facility shall notify the minister of any change in the status or operation of the facility on or before the earlier of:</p> <p>(a) 30 days after the change; and  (b) the volumetric submission date.</p> <p>(13) Subject to subsection (14), every operator of a well, facility or unit shall continue to submit information pursuant to this section until:</p> <p>(a) the operator notifies the minister that the well is suspended pursuant to clause (9)(b);  (b) the operator notifies the minister of a change in the status or operation of the facility pursuant to subsection (12);  (c) the unit is terminated pursuant to the terms of the unit agreement;  (d) the well is abandoned in accordance with these regulations;  (e) the facility is decommissioned pursuant to section 56; or  (f) the minister notifies the operator that</p>		

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<p>the operator no longer needs to submit information for any other reason.</p> <p>(14) Subsection (13) does not relieve an operator of any obligation to submit information with respect to the period preceding the date on which one or more of the circumstances mentioned in clauses (13)(a) to (f) becomes applicable.</p> <p>(15) Every operator and financial operator shall submit any other reports, statements, documents, records, notifications or other information that the minister may require.</p>		
<p><b>Report of oil and gas purchases and sales</b></p> <p><b>106</b>(1) Every person who, during a month, purchases oil or condensate produced in Saskatchewan pursuant to the first arm's-length agreement for the purchase of that oil or condensate, at or upstream of a facility or custody transfer point specified by the minister, shall submit to the minister through the registry:</p> <ul style="list-style-type: none"> <li>(a) the volume, price and value of the purchase;</li> <li>(b) the facility that delivered the oil or condensate;</li> <li>(c) the facility that received the oil or condensate;</li> <li>(d) the source producer;</li> <li>(e) the custody transfer point;</li> <li>(f) the density and sulphur content of the oil or condensate; and</li> <li>(g) any other information that the minister may require.</li> </ul>	<p><b>REPEAL</b></p>	<p>This section is no longer required. The submission of oil and gas purchase information is now governed by the requirements of <i>Directive R01: Volumetric, Valuation and Infrastructure Reporting Petrinex</i>.</p>

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<p>(2) The minister may request that a person who, during a month, purchases natural gas and products produced in Saskatchewan submit to the minister information about the purchases and the disposition of those purchases.</p> <p>(3) The minister may request that a person who, during a month, delivers to a refinery oil produced in Saskatchewan or an oil stream containing oil produced in Saskatchewan, including an oil stream that also contains oil produced outside of Saskatchewan, submit to the minister:</p> <ul style="list-style-type: none"> <li>(a) the volume of the delivery;</li> <li>(b) the identity of the refinery;</li> <li>(c) the identity of the oil stream; and</li> <li>(d) any other information that the minister may require.</li> </ul> <p>(4) The minister may request that a person who, during a calendar year, purchases oil or condensate produced in Saskatchewan or an oil stream that contains oil produced in Saskatchewan, including an oil stream that also contains oil produced outside of Saskatchewan, downstream of a facility or custody transfer point specified by the minister submit to the minister any reports, statements, documents, records, notifications or other information about the purchases.</p> <p>(5) Information required pursuant to subsection (1) must be submitted on or before the last business day of the month following the month with respect to which</p>		

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<p>the information is being submitted, unless the minister, on application pursuant to section 6, approves a change in the submission requirements.</p> <p>(6) Information requested by the minister pursuant to subsections (2), (3) and (4) must be submitted within 14 days after the request.</p>		
<p><b>Enhanced valuation audit program</b></p> <p><b>106.1</b>(1) Every financial operator shall submit information to the minister pursuant to subsection (2) if, during a calendar year, that financial operator:</p> <ul style="list-style-type: none"> <li>(a) blends oil produced in Saskatchewan with liquid hydrocarbons other than oil before selling the oil for the first time pursuant to an arm’s-length agreement;</li> <li>(b) enters into an arrangement with a single shipper pipeline that is considered by the minister to be a buy-sell arrangement for the purpose of accessing a downstream market before selling the oil or condensate for the first time pursuant to an arm’s-length agreement;</li> <li>(c) delivers oil or condensate downstream of any facility specified by the minister before selling the oil or condensate for the first time pursuant to an arm’s-length agreement; or</li> <li>(d) enters into an arrangement in which the price of oil, in the opinion of the</li> </ul>	<p><b>REPEAL</b></p>	<p>This section is no longer required. The requirements for the Enhanced Valuation Audit Program are now governed by <i>Directive R02: Enhanced Valuation Audit Program (EVAP)–Program Details and Petrinex Reporting</i>.</p>

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<p>minister, cannot be directly validated by the purchaser of the oil or condensate.</p> <p>(2) Every financial operator subject to subsection (1) shall submit to the minister through the registry:</p> <ul style="list-style-type: none"> <li>(a) a declaration, signed by senior executives of the financial operator, that the well-head price of oil submitted for each month in the previous calendar year was determined in accordance with applicable Saskatchewan Acts and regulations;</li> <li>(b) the supporting documentation specified in the declaration, including any appendices; and</li> <li>(c) any other information that the minister may require.</li> </ul> <p>(3) The materials required pursuant to clauses (2)(a) and (b) must be submitted on or before the last business day of February of the year following the calendar year with respect to which the information is being submitted, unless the minister, on application pursuant to section 6, approves a change in the submission requirements.</p> <p>(4) On review of the materials submitted pursuant to subsection (2), the minister may:</p> <ul style="list-style-type: none"> <li>(a) if the minister is satisfied that the materials comply with the Act and these regulations, approve the declaration;</li> <li>(b) if the minister is satisfied that the materials comply with the Act and these regulations, approve the declaration</li> </ul>		

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<p>subject to terms and conditions; or  (c) refuse to accept the declaration.</p> <p>(5) If the minister refuses to accept the declaration pursuant to clause (4)(c), the minister may do either or both of the following:</p> <ul style="list-style-type: none"> <li>(a) require additional information;</li> <li>(b) conduct an audit with respect to the materials that were required to be submitted.</li> </ul> <p>(6) The information requested by the minister pursuant to clause (2)(c) or (5)(a) must be submitted within the time required by the minister.</p> <p>(7) On receipt of additional information or on completion of an audit pursuant to subsection (5), the minister may:</p> <ul style="list-style-type: none"> <li>(a) require a financial operator to submit through the registry: <ul style="list-style-type: none"> <li>(i) a revised declaration, signed by senior executives of the financial operator, that the well-head price of oil for each month in the calendar year for which the original declaration was submitted was determined in accordance with applicable Saskatchewan Acts and regulations; and</li> <li>(ii) revised supporting documentation specified in the revised declaration, including any appendices; or</li> </ul> </li> <li>(b) assess a penalty in accordance with subsection 122(4.1).</li> </ul>		

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<p><b>Monthly reporting – waste processing facilities</b></p> <p><b>107(1)</b> The operator of a waste processing facility shall submit to the minister through the registry the following information for the month with respect to which the report is prepared:</p> <ul style="list-style-type: none"> <li>(a) the quantities of waste products and oil, gas, water, products or other substances received during the month, itemized by place of origin and supplier;</li> <li>(b) opening and closing inventories;</li> <li>(c) the disposition of all fluids and solids reclaimed, recovered or consumed; and</li> <li>(d) any other information that the minister considers necessary.</li> </ul> <p>(2) The information required to be submitted pursuant to subsection (1) must be submitted on or before the 20th day of the month following the month with respect to which the information is submitted, unless the minister, on application pursuant to section 6, approves a change in the submission requirements.</p>	<p><b>REPEAL</b></p>	<p>This section is no longer required. The submission of waste plant information is now governed by the requirements of <i>Directive R01: Volumetric, Valuation and Infrastructure Reporting Petrinex</i>.</p>
<p><b>Transporters' statements</b></p> <p><b>108(1)</b> Every person who during a month receives and stores or transports oil, gas, products or other substances that are produced in Saskatchewan shall submit to the minister the following information for that month:</p> <ul style="list-style-type: none"> <li>(a) for transporters located in</li> </ul>	<p><b>Submission of pipeline information</b></p> <p><b>108(1)</b> Every operator of a pipeline mentioned in clause 3(1)(a) who during a month receives and stores or transports oil, gas, products or other substances that are produced in Saskatchewan shall submit to the minister the following information for that month:</p>	<p>Proposed clarification that this section is only applicable to pipeline operators that operate federally regulated pipelines that enter or cross Saskatchewan and that the minister can approve the form and manner with respect to the information submission requirements.</p>

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<p>Saskatchewan, quantities received from supply sources, including receipts from supply sources that are outside Saskatchewan;</p> <p>(b) for transporters located outside Saskatchewan, quantities received from supply sources located in Saskatchewan;</p> <p>(c) supply details and receipts, including source well, facility, system, cavern, pool, field, gathering or tariff area, receipt point, meter station, source province or state, source producer and quality information;</p> <p>(d) the quantities delivered or transported;</p> <p>(e) delivery details, including the names of shippers, oil stream type, receiving system, receiving facility, delivery point and final consumer;</p> <p>(f) inventories, losses, adjustments and consumption;</p> <p>(g) any other information that the minister may require.</p> <p>(2) The information submitted pursuant to subsection (1) must be submitted:</p> <p>(a) through the registry, on or before the 20<sup>th</sup> day of the month immediately following the month with respect to which the information is being submitted; and</p> <p>(b) in paper form, or in any other approved form, on or before the 30<sup>th</sup> day of the month immediately following the</p>	<p>(a) quantities received from supply sources, including receipts from supply sources that are outside Saskatchewan;</p> <p>(b) quantities received from supply sources located in Saskatchewan;</p> <p>(c) the supply details and receipts, including source well, facility, system, cavern, pool, field, gathering or tariff area, receipt point, meter station, source province or state, source producer, and quality information;</p> <p>(d) the quantities delivered or transported;</p> <p>(e) delivery details, including the names of shippers, oil stream type, receiving system, receiving facility, delivery point and final consumer;</p> <p>(f) inventories, losses, adjustments and consumption;</p> <p>(g) any other information that the minister may require.</p> <p>(2) The information submitted pursuant to subsection (1) must be submitted to the minister, on or before the 30th day of the month following the month with respect to which the information is being submitted.</p>	



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<p>month with respect to which the information is being submitted.</p>		
<p><b>Refiners' statements</b>  <b>109</b> On or before the last business day of the month immediately following the month with respect to which the information is being submitted, every person who during a month operates a refinery or upgrader shall submit to the minister a statement showing the following:</p> <ul style="list-style-type: none"> <li>(a) quantities of oil, gas, products or substances received from supply sources, including receipts from supply sources that are outside Saskatchewan;</li> <li>(b) supply details, including source supplier, stream type, quality information, source pipeline, source facility and source province or state;</li> <li>(c) values of each quantity received;</li> <li>(d) quantities of refined products produced, consumed, delivered, transported and sold;</li> <li>(e) refined product disposition details, including value of sales and destination;</li> <li>(f) inventories, losses, adjustments and consumption;</li> <li>(g) any other information that the minister may require.</li> </ul>	<p><b>Refiners' submissions</b>  <b>109</b> On or before the last business day of the month immediately following the month with respect to which the information is being submitted, every person who during a month operates a refinery or upgrader shall submit the following to the minister:</p> <ul style="list-style-type: none"> <li>(a) quantities of oil, gas, products or substances received from supply sources, including receipts from supply sources that are outside Saskatchewan;</li> <li>(b) supply details, including source supplier, stream type, quality information, source pipeline, source facility and source province or state;</li> <li>(c) values of each quantity received;</li> <li>(d) quantities of refined products produced, consumed, delivered, transported and sold;</li> <li>(e) refined product disposition details, including value of sales and destination;</li> <li>(f) inventories, losses, adjustments and consumption;</li> <li>(g) any other information that the minister may require.</li> </ul>	<p>Section 109 is amended to remove the reference to the submission of "a statement". Written statements are no longer required. This information is now submitted online in a form and manner approved by the minister.</p>
<p><b>Plant statements</b></p>	<p><b>REPEAL</b></p>	<p>This section is no longer required. The</p>

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<p><b>110(1)</b> Every person who during a month operates a plant engaged in the processing, scrubbing or purification of gas shall submit to the minister through the registry the following information for that month:</p> <ul style="list-style-type: none"> <li>(a) on or before the 20<sup>th</sup> day of the month immediately following the month with respect to which the information is being submitted: <ul style="list-style-type: none"> <li>(i) quantities of raw or marketable gas or any other products received from supply sources, including receipts from supply sources that are outside Saskatchewan;</li> <li>(ii) the supply details, including source operator, source well, facility, system, cavern, pool, field, receipt point, meter station and source province or state;</li> <li>(iii) the quantities of products derived;</li> <li>(iv) the marketable gas and product quantities delivered, transported and disposed of;</li> <li>(iv) the delivery details, including receiving system, facility, pipeline, delivery point, meter station and final consumer;</li> <li>(v) inventories, losses, adjustments and consumption;</li> <li>(vi) any other information that the minister may require; and</li> </ul> </li> <li>(b) on or before the last business day of</li> </ul>		<p>submission of plant information is now governed by the requirements of <i>Directive R01: Volumetric, Valuation and Infrastructure Reporting Petrinex</i>.</p>

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<p>the month immediately following the month with respect to which the information is being submitted:</p> <ul style="list-style-type: none"> <li>(i) the value of raw or marketable gas or any other products received;</li> <li>(ii) the values of marketable gas and products delivered or sold;</li> <li>(iii) any other information that the minister may require.</li> </ul> <p>(2) On or before the 20<sup>th</sup> day of the month immediately following the month with respect to which the information is being submitted, every person who during a month operates a cleaning plant shall submit to the minister through the registry the following information for that month:</p> <ul style="list-style-type: none"> <li>(a) for a cleaning plant operating within Saskatchewan, the receipt details of any oil, gas, water, product or other substance that is produced in Saskatchewan or received from outside Saskatchewan;</li> <li>(b) for a cleaning plant operating outside Saskatchewan, the receipt details of oil, gas, water, product or other substance that is produced in Saskatchewan;</li> <li>(c) supply details, including quantities received, source well, facility and source producer or source operator;</li> <li>(d) quantities delivered and details of deliveries to facilities or pipelines;</li> <li>(e) inventories, losses, adjustments and consumption;</li> <li>(f) any other information that the minister</li> </ul>		

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may require.		
<p><b>Minister may vary submission date</b>  <b>111(1)</b> Notwithstanding subsections 105(3), (4) and (7), subsection 107(2), clause 108(2)(a), clause 110(1)(a) and subsection 110(2), the minister may vary the date specified in those sections if the minister considers it appropriate and in the public interest to do so.  (2) If the minister varies a submission date pursuant to subsection (1), the minister shall publish the submission date on the ministry’s website within at least 30 days before the new submission date.</p>	<p><b>REPEAL</b></p>	<p>This section is no longer required. The procedures for varying submission dates is now governed by the requirements of <i>Directive R01: Volumetric, Valuation and Infrastructure Reporting Petrinex..</i></p>
<p><b>Release of drilling information and confidential status</b>  <b>112(1)</b> In this section, “<b>pool</b>” means a pool established pursuant to clause 17(1)(a) of the Act.  (2) If a well or structure test hole is not located within the boundaries of a pool on its finished drilling date, the minister shall hold in confidence all information obtained from the drilling of the well or structure test hole submitted to the minister as required by the Act and these regulations or an order made pursuant to the Act:  (a) for a period of one year from the finished drilling date; or  (b) for a period not exceeding 18 months from the finished drilling date if:  (i) circumstances that the minister</p>	<p><b>Release of drilling information and confidential status</b>  <b>112(1)</b> In this section, ‘<b>defined pool</b>’ means a pool established pursuant to clause 17(1)(a) of the Act.  (2) If the bottom hole location of the boss wellbore of a well is not within the surface boundaries of a defined pool on the well’s finished drilling date, the minister shall hold in confidence all information obtained from the drilling of the well submitted to the minister as required by the Act, these regulations or an order made pursuant to the Act:  (a) for a period of one year from the finished drilling date; or  (b) any longer period, on application and approval pursuant to section 6.</p>	<p>Section 112 will be repealed and replaced with a new section 112 that includes the following changes:</p> <ul style="list-style-type: none"> <li>• The word “pool”, which is defined in subsection 112(1), is changed to the term “defined pool” to avoid confusion with the word “pool” which is defined in the Act. The new term “defined pool” is used throughout the new section 112 and applies to pools established through minister’s order under clause 17(1)(a) of the Act.</li> <li>• The reference to “structure test hole” is removed throughout this section. All structure test holes are now licensed as a “well” in IRIS.</li> <li>• Subsection (2) is reworded to align the</li> </ul>

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<p>considers exceptional exist; and (ii) the minister approves the longer period of confidentiality for that information.</p> <p>(3) If a well or structure test hole is located within the boundaries of a pool on its finished drilling date, the minister shall hold in confidence all information obtained from the drilling of the well or structure test hole submitted to the minister as required by the Act and these regulations or an order made pursuant to the Act for a period of:</p> <p>(a) 30 days after the finished drilling date; (b) one year, if the well is to be drilled more than 150 metres below the datum of the lower-most producing horizon in the pool and the licensee makes an application pursuant to section 6; or (c) one year if, within 30 days after the finished drilling date, the licensee establishes to the satisfaction of the minister that the well is completed exclusively in a reservoir deeper than the designated horizon in an existing pool.</p> <p>(4) Unless otherwise specified by the minister in an order made by the minister pursuant to clause 17(1)(a) of the Act, the confidential status and period of a well or structure test hole is not to be changed if the boundaries of a pool are altered to exclude or include wells or structure test holes that were previously located within or not located within the boundaries of that pool.</p>	<p>(3) If the bottom hole location of the boss wellbore of a well is within the surface boundaries of a defined pool on the well's finished drilling date, the minister shall hold in confidence all information obtained from the drilling of the well submitted to the minister as required by the Act, these regulations or an order made pursuant to the Act for a period of:</p> <p>(a) 30 days from the finished drilling date; or (b) one year from the finished drilling date if, on application and approval pursuant to section 6, the well is completed exclusively in a stratigraphic unit that is more than 150 metres below the average producing depth of all wells that:</p> <p>(i) have a bottom hole location within three lateral kilometres of the bottom hole location of the boss wellbore; and (ii) have completions in the lower-most producing stratigraphic unit of the deepest defined pool whose surface boundaries include the bottom hole location of the boss wellbore.</p> <p>(4) Unless otherwise specified by the minister in an order made by the minister pursuant to clause 17(1)(a) of the Act, the confidential status and the period for which that status is maintained are not to be</p>	<p>drilling events tied to confidentiality status to the PPDM standard used in IRIS.</p> <ul style="list-style-type: none"> <li>• Clause 112(1)(b) is amended to remove the prescribed 18-month extension period with one determined by the minister by application under section 6. This will provide the minister with greater flexibility to alter the confidentiality period based on the circumstances of each application.</li> <li>• Clause 112(3)(b) is revised to clarify the requirements for a well within a defined pool to obtain a one-year extension for the confidentiality period. The revised language reflects the PPDM data standard used in IRIS.</li> </ul>

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<p>(5) No person shall release for public inspection, without the written consent of the licensee of the well, any information obtained from drilling a well and submitted to the minister as required by the Act and the regulations or orders made pursuant to the Act before the time it ceases to have confidential status.</p>	<p>changed if a defined pool is altered to exclude or include wells that were previously located within or not located within that defined pool.</p> <p>(5) No person shall release for public inspection, without the written consent of the licensee of the well, any information obtained from drilling a well and submitted to the minister as required by the Act and these regulations or orders made pursuant to the Act before the time that information ceases to have confidential status.</p>	
<p><b>Confidentiality of information submitted</b>  <b>113</b>(1) Information submitted to or acquired by the minister either through the registry or on forms, reports, documents, statements, or sales contracts, pursuant to sections 101 and 105 to 110, is, subject to subsection (2), confidential.</p> <p>(2) Subject to subsection (3), the following information is not confidential and may be made available to the public:</p> <p>(a) the surface and bottom hole locations, operator, well type and status, producing or injection horizon, crude type and producing or activity dates of a well or facility;</p> <p>(b) monthly, yearly and cumulative totals of oil, gas, water, products or any other substance produced from a well and the hours on production;</p> <p>(c) monthly, yearly and cumulative totals of fluid or any other substance injected</p>	<p><b>Confidentiality of information submitted</b>  <b>113</b>(1) Subject to subsection (2), information submitted to or acquired by the minister pursuant to sections 101, 108 and 109 and <i>Directive R01: Volumetric Valuation and Infrastructure Reporting Petrinex</i> is confidential.</p> <p>(2) Subject to subsection (3), the following information is not confidential and may be made available to the public:</p> <p>(a) the surface and bottom hole locations, operator, well type and status, producing or injection horizon, crude type and producing or activity dates of a well or facility;</p> <p>(b) monthly, yearly and cumulative totals of oil, gas, water, products or any other substance produced from a well and the hours on production;</p> <p>(c) monthly, yearly and cumulative totals of fluid or any other substance injected</p>	<p>The following changes are proposed for this section:</p> <ul style="list-style-type: none"> <li>• Subsection 113(1) is amended to remove the reference to sections 105, 106, 107, and 110. These sections are being repealed as part of these amendments. The matters covered by these sections are now dealt with under <i>Directive R01: Volumetric, Valuation and Infrastructure Reporting Petrinex</i>. A reference to Directive R01 is added to subsection 113(1) for purposes of administering confidentiality rules related to information collected pursuant to that directive.</li> <li>• New clause 113(2)(h) is added to confirm that information submitted pursuant to <i>Directive PNG014: Incident Reporting Requirements</i> is public information. This change reflects current practice in IRIS.</li> </ul>

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<p>into a well and the hours on injection;  (d) monthly, yearly and cumulative totals of oil, gas, water, products or any other substance produced from or allocated to a pool, unit, project or facility;  (e) monthly, yearly and cumulative totals of fluid or any other substance injected into a pool, unit, project or facility;  (f) monthly, yearly and cumulative totals, on a facility basis, of oil, gas, water, products or any other substance that is received, delivered, disposed, transported, sold, purchased, consumed or inventoried;  (g) monthly, yearly and cumulative totals, on an aggregated provincial basis, of oil, gas, water, products or any other substance that is produced, injected, received, delivered, disposed, transported, sold, purchased, consumed or inventoried.</p> <p>(3) Clauses (2)(b) to (f) do not apply with respect to any information submitted pursuant to the following:  (a) clause 105(3)(f);  (b) clauses 105(7)(b) and (c) with respect to a storage reservoir or a storage cavern.</p> <p>(4) If information submitted to or acquired by the minister is not available to the public because it is confidential, the minister may, with the written consent of the person by whom it was submitted or from whom it was acquired, make the information available to</p>	<p>into a well and the hours on injection;  (d) monthly, yearly and cumulative totals of oil, gas, water, products or any other substance produced from or allocated to a pool, unit, project or facility;  (e) monthly, yearly and cumulative totals of fluid or any other substance injected into a pool, unit, project or facility;  (f) monthly, yearly and cumulative totals, on a facility basis, of oil, gas, water, products or any other substance that is received, delivered, disposed, transported, sold, purchased, consumed or inventoried;  (g) monthly, yearly and cumulative totals, on an aggregated provincial basis, of oil, gas, water, products or any other substance that is produced, injected, received, delivered, disposed, transported, sold, purchased, consumed or inventoried;  (h) any information collected pursuant to <i>Directive PNG014: Incident Reporting Requirements</i>.</p> <p>(3) Clauses (2)(b) to (f) do not apply to:  (a) the total amount of oil, water, gas or any other substance recovered from each well in a storage reservoir or storage cavern during the month;  (b) the total amount of oil, water, gas or any other substance injected into each storage reservoir or storage cavern during the month; and</p>	

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<p>the public.</p> <p>(5) Notwithstanding subsection (1), the minister may make any information available to a peace officer or to any of the following if the minister considers it to be in the public interest to do so and if the minister is satisfied that the recipient of the information will, to the extent consistent with the intended use of the information, keep the information confidential:</p> <ul style="list-style-type: none"> <li>(a) the government of a foreign country or state;</li> <li>(b) the Government of Canada;</li> <li>(c) the Government of another province or territory of Canada;</li> <li>(d) a municipality;</li> <li>(e) any other ministry of the Government of Saskatchewan;</li> <li>(f) an agency of any of the entities mentioned in clauses (a) to (e).</li> </ul>	<p>(c) the number of hours during which each well in a storage reservoir or storage cavern was on injection or on recovery during the month.</p> <p>(4) If information submitted to or acquired by the minister is not available to the public because it is confidential, the minister may, with the written consent of the person by whom it was submitted or from whom it was acquired, make the information available to the public.</p> <p>(5) Notwithstanding subsection (1), the minister may make any information available to a peace officer or to any of the following if the minister considers it to be in the public interest to do so and if the minister is satisfied that the recipient of the information will, to the extent consistent with the intended use of the information, keep the information confidential:</p> <ul style="list-style-type: none"> <li>(a) the government of a foreign country or state;</li> <li>(b) the Government of Canada;</li> <li>(c) the Government of another province or territory of Canada;</li> <li>(d) a municipality;</li> <li>(e) any other ministry of the Government of Saskatchewan;</li> <li>(f) an agency of any of the entities mentioned in clauses (a) to (e).</li> </ul>	
<b>Security deposit for a well or facility</b>	<b>Security deposit for a well or facility</b>	115(2)(c) amended to clarify the instances



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<p><b>115(1)</b> The minister may specify any relevant factors at any time to calculate the amount of a security deposit required to be submitted by the depositor:</p> <ul style="list-style-type: none"> <li>(a) at the minister’s initiative; or</li> <li>(b) on application by the depositor.</li> </ul> <p>(2) For the purposes of section 15 of the Act, the minister may require a licensee or a transferor or transferee of a licence to submit a security deposit to the ministry:</p> <ul style="list-style-type: none"> <li>(a) before approving, issuing or transferring a licence;</li> <li>(b) at any time the licensee fails a licensee liability rating assessment conducted by the minister pursuant to section 117; or</li> <li>(c) at any time if, in the opinion of the minister, the drilling, construction or operation of a well or facility poses a risk described in section 17.01 of the Act or a source of contamination described in section 75.</li> </ul> <p>(3) If the minister determines that the security deposit amount held by the minister is inadequate for the purposes provided for in subsection 15(1) of the Act, the minister may require the licensee to provide any additional amounts that the minister considers necessary to meet those purposes.</p> <p>(4) A security deposit must be in the form of an irrevocable letter of credit or in any other form satisfactory to the minister.</p> <p>(5) The minister may require that the security deposit be submitted:</p>	<p><b>115(1)</b> The minister may specify any relevant factors at any time to calculate the amount of a security deposit required to be submitted by the depositor:</p> <ul style="list-style-type: none"> <li>(a) at the minister’s initiative; or</li> <li>(b) on application by the depositor.</li> </ul> <p>(2) For the purposes of section 15 of the Act, the minister may require a licensee or a transferor or transferee of a licence to submit a security deposit to the ministry:</p> <ul style="list-style-type: none"> <li>(a) before approving, issuing or transferring a licence;</li> <li>(b) at any time the licensee fails a licensee liability rating assessment conducted by the minister pursuant to section 117;</li> <li>(c) at any time if, in the opinion of the minister, the drilling, construction or operation of a well or facility poses a risk, or may be having an impact on property or the environment as described in section 17.01 of the Act, or is a source of contamination described in section 75.</li> </ul> <p>(3) If the minister determines that the security deposit amount held by the minister is inadequate for the purposes provided for in subsection 15(1) of the Act, the minister may require the licensee to provide any additional amounts that the minister considers necessary to meet those purposes.</p> <p>(4) A security deposit must be in the form of an irrevocable letter of credit or in any other form satisfactory to the minister.</p> <p>(5) The minister may require that the security</p>	<p>which may lead the minister to request a security deposit.</p>

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<p>(a) as a lump sum; or  (b) in portions in the amounts and at the times specified by the minister.  (6) On the written request of a depositor, the minister may return the security deposit if the minister is satisfied that the licensee or its agent has met all of the obligations and corrected any infractions, non-compliance, deficiencies, threats or problems specified in subsection 116(1) and carried out all of the activities with respect to which the security deposit was provided.  (7) On written request of a depositor, the minister may return part of a security deposit if the minister is satisfied that the licensee or its agent has met all of the obligations and corrected any infractions, non-compliance, deficiencies, threats or problems specified in subsection 116(1) and partially carried out all of the activities with respect to which the security deposit was provided.</p>	<p>deposit be submitted:  (a) as a lump sum; or  (b) in portions in the amounts and at the times specified by the minister.  (6) On the written request of a depositor, the minister may return the security deposit if the minister is satisfied that the licensee or its agent has met all of the obligations and corrected any infractions, non-compliance, deficiencies, threats or problems specified in subsection 116(1) and carried out all of the activities with respect to which the security deposit was provided.  (7) On written request of a depositor, the minister may return part of a security deposit if the minister is satisfied that the licensee or its agent has met all of the obligations and corrected any infractions, non-compliance, deficiencies, threats or problems specified in subsection 116(1) and partially carried out all of the activities with respect to which the security deposit was provided.</p>	
<p><b>Penalty</b>  <b>122(1)</b> The penalty for failing to comply with section 5 with respect to submissions or filings required pursuant to section 40, 83, 88, 89, 90, 91, 92, 93, 102, 103 or 104 by the fixed date is \$100 per day for each well with respect to which one or more submissions or filings are late or deficient.  (2) The penalty for failing to comply with section 5 with respect to submissions or filings required pursuant to section 109 by the</p>	<p><b>Submission Penalties</b>  <b>122(1)</b> The penalties for failing to comply with these regulations and the directives mentioned in section 3.1 with respect to submitting information are set out in Table 1 of Part III of the Appendix.  (2) The minister shall provide an invoice to each person who is assessed a penalty that sets out the penalty assessed pursuant to this section.  (3) The payment of the assessed penalty is</p>	<p>Section 122 is repealed and replaced with a simplified version that sets out the process for assessing submission penalties for the late or incorrect filing of information as well as the procedures for appealing a submission penalty. The maximum penalties are listed in Table 1 of Part III of the Appendix.</p> <p>These changes will put into the regulations a revised submission penalty system for unfulfilled well data obligations in IRIS as well</p>

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<p>fixed date is \$10 per day for each submission or filing that is late or deficient.</p> <p>(3) For the purposes of subsection (1) and (2), a submission or filing is not considered to be submitted or filed until it has been received at the ministry's offices in Regina.</p> <p>(4) The penalty for failing to comply with section 5 with respect to submissions or filings required pursuant to section 105, 106, 107, 108 or 110 is:</p> <p>(a) \$500 for each month or part of a month for:</p> <p>(i) each complete submission or filing for a facility, well or unit that is required with respect to the current or any previous month and that is not submitted or filed by the fixed date;</p> <p>(ii) each submission or filing mentioned in clause (a) that is required due to a change in a well or facility infrastructure data and that is not submitted or filed by the fixed date; and</p> <p>(iii) each amendment to the submissions or filings mentioned in clause (a) that is required due to a change in a disposition and that is not submitted or filed by the fixed date; and</p> <p>(b) \$100 for each of the following data discrepancies that is not corrected by the fixed date:</p> <p>(i) a facility, well or unit imbalance</p>	<p>to be made within 30 days after the date of the invoice provided pursuant to subsection (2).</p> <p>(4) A person who is assessed a penalty pursuant to this section and who has paid the associated invoice in full by the invoice due date may apply to the minister for a waiver of the whole or any portion of the penalty by submitting an application in an approved form and manner within 45 days after the date of the invoice provided pursuant to subsection (2).</p> <p>(5) On receipt of an application pursuant to subsection (4), the minister may:</p> <p>(a) waive the payment of the whole or any portion of a penalty assessed pursuant to this section if the minister is satisfied that:</p> <p>(i) the penalty, or a portion of the penalty, was levied in error;</p> <p>(ii) the failure to comply with section 5 was due to a cause outside the control of the person required to comply with that provision and could not have been avoided by the exercise of due care; or</p> <p>(iii) in the minister's opinion, it is appropriate and in the public interest to do so; or</p> <p>(b) refuse to waive the payment of the whole or any portion of the penalty.</p> <p>(6) In addition to any application</p>	<p>as the failure to provide other information requested by the minister (in relation to subsection 5(4) of the regulations). The Ministry had previously consulted on the revised penalty system for unfulfilled obligations prior to and after the implementation of the IRIS system. In September 2016, ECON notified industry of the implementation of the <b>IRIS Non-Compliance Penalty Assessment Program</b> and began shadow-billing for unfulfilled well data obligations in order to give industry time to address any outstanding items.</p>

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<p>error;</p> <p>(ii) a submission that is missing information with respect to one or more wells;</p> <p>(iii) a submission for a facility, well or unit that is incomplete or contains invalid information;</p> <p>(iv) a facility metering difference error.</p> <p>(4.1) The minister may assess a penalty in accordance with section 106.1(7)(b) for failing to comply with section 5 with respect to submissions or filings required pursuant to section 106.1 in an amount not exceeding \$250,000.</p> <p>(5) The minister shall provide an invoice that sets out the penalty assessed pursuant to this section to each person who is assessed a penalty.</p> <p>(6) The payment of the assessed penalty is to be made within 30 days after the date of the invoice provided pursuant to subsection (54).</p> <p>(7) A person who is assessed a penalty pursuant to this section and who has paid the penalty pursuant to subsection (6) may apply to the minister for a waiver of the whole or any portion of the penalty pursuant to subsection (8) by submitting an application in an approved form and manner within 45 days after the date of the invoice provided pursuant to subsection (5).</p> <p>(8) On receipt of an application pursuant to subsection (7), the minister may:</p>	<p>submitted pursuant to this section, the minister may, on the minister's own initiative, waive the whole or any portion of a penalty assessed pursuant to this section if the minister is satisfied that the circumstances mentioned in subclauses (5)(a)(i) to (iii) apply.</p> <p>(7) The minister shall give notice of the minister's decision pursuant to subsections (5) or (6) including reasons for the decision to each person affected.</p>	

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<p>(a) waive the payment of the whole or any portion of a penalty assessed pursuant to subsection (1), (2), (4) or (4.1) if the minister is satisfied that:</p> <ul style="list-style-type: none"> <li>(i) the penalty, or a portion of the penalty, was levied in error;</li> <li>(ii) the failure to comply with section 5 was due to a cause outside the control of the person required to comply with that provision and could not have been avoided by the exercise of due care; or</li> <li>(iii) in the minister's opinion, it is appropriate and in the public interest to do so; or</li> </ul> <p>(b) refuse to waive the payment of the whole or any portion of the penalty.</p> <p>(9) In addition to any application submitted pursuant to this section, the minister may, on the minister's own initiative, waive the whole or any portion of a penalty assessed pursuant to subsection (1), (2), (4) or (4.1) if the minister is satisfied that the circumstances mentioned in subclauses (8)(a)(i) to (iii) apply.</p> <p>(10) The minister shall give notice of the minister's actions pursuant to subsections (8) and (9) to each person affected.</p>		
<p><b>NEW</b></p>	<p><b>Methods of payment</b></p> <p><b>122.1</b> Any payment required to be paid pursuant to these regulations, except for payments required pursuant to section 115, must be paid:</p> <ul style="list-style-type: none"> <li>(a) subject to clause (b), by one of the</li> </ul>	<p>Section 122.1 is added to the regulations to allow the minister to specify the method for payment of fees, penalties or levies assessed under the Act and regulations. The provision does not apply to security deposits required under section 115 of the regulations.</p>

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	<p>following methods that is chosen by the minister:</p> <ul style="list-style-type: none"> <li>(i) pre-authorized debit;</li> <li>(ii) electronic transfer of funds;</li> <li>(iii) cash or cash equivalent; or</li> </ul> <p>(b) if, in the opinion of the minister, it would be impracticable for payment to be made pursuant to clause (a), by any other method acceptable to the minister.</p>	
<b>NEW</b>	<p><b>Coming into force</b></p> <p>(1) Subject to subsection (2), these regulations come into force on the day on which they are filed with the Registrar of Regulations but are retroactive and are deemed to have been in force on and from November 1, 2015.</p> <p>(2) Changes to sections 122, and 122.1 of these regulations come into force on the day on which they are filed with the Registrar of Regulations.</p>	

**(NEW Table as outlined in 122 (1) Submission Penalties)**

**Appendix  
PART III**

**TABLE 1  
Submission Penalties**  
[Section 122]

Provision	Penalty
All information required to be submitted pursuant to <i>Directive PNG013: Well Data Submission Requirements</i>	\$100 per day for each submission or filing that is not submitted by the required date or is deficient
All information required to be submitted pursuant to <i>Directive PNG014: Incident Reporting Requirements</i>	\$100 per day for each submission or filing that is not submitted by the required date or is deficient
Other Information requested pursuant to Subsection 5(4) and section 101 of <i>The Oil and Gas Conservation Regulations, 2012</i>	\$100 per day for each submission or filing that is not submitted by the required date or is deficient
All information required to be submitted pursuant to <i>Directive R01: Volumetric Valuation and Infrastructure Reporting Petrinex</i>	<p>(a) \$500 for each month or part of a month for:</p> <ul style="list-style-type: none"> <li>(i) each complete submission or filing for a facility, well or unit that is not submitted by the required date;</li> <li>(ii) each submission or filing required due to a change in the infrastructure data of a well or facility that is not submitted by the required date;</li> <li>(iii) each amendment made to the submission or filing required due to a change in a disposition that is not submitted by the required date.</li> </ul> <p>(b) \$100 for each month or part of a month that the following data discrepancies are not corrected by the required date:</p> <ul style="list-style-type: none"> <li>(i) a facility, well or unit imbalance error;</li> <li>(ii) a submission that is missing information with respect to one or more wells;</li> <li>(iii) a submission for a facility, well or unit that is incomplete or contains invalid information;</li> </ul>

	(iv) a facility metering difference error.
All information required to be submitted pursuant to <i>Directive PNG075: Enhanced Valuation Audit Program (EVAP)</i>	\$1000 per month or part of a month for each submission, filing or amendment that is not submitted by the required date.
All information required to be submitted pursuant to <i>Directive PNG076: Enhanced Production Audit Program (EPAP)</i>	\$1000 per month or part of a month for each submission, filing or amendment that is not submitted by the required date.
Submission of false declaration - <i>Directive PNG075: Enhanced Valuation Audit Program (EVAP)</i>	Maximum penalty of \$250,000 per incident
Submission of false declaration - <i>Directive PNG076: Enhanced Production Audit Program (EPAP)</i>	Maximum penalty of \$250,000 per incident