

Title: FO – Form 4 FOM Legislative Links Table

Revision History				
Revision #	Revision Date	Revision Reason	Reviewed by	Approved by
3.0	May 3, 2010	Program Review		Chris Valaire
4.0	July 1, 2010	Numbering		Andre Savaria
5.0	April 19, 2011	Annual Document Review		Darren Fearon
6.0	April 25, 2012	Annual Document Review	Andre Savaria	Robert Popowich
7.0	May 1, 2014	Update protocols to reflect SOP changes	Darren Fearon	Robert Popowich
8.0	October 21, 2015	Annual Review	Darren Fearon	Robert Popowich

Category	Variance Standard	Shortened Description of Standards for GLIMPS	Measurement Protocol	Legal Reference (Acts & Regs, OGR Renewal Framework)	'94 Ground Rules Reference, Acts and Regs	Company Specific Ground Rule (If different from OGR Framework. To be filled out by area staff)
Overview	- Activity is authorized and according to AOP	- Activity Authorized	Compare field observations to AOP specifications.	TMR 100(1)(a); PLA 20(1)	TMR 100(1)(a) OGR 2.3.1 Standard's 1-5	
	- Company inspections available for specific blocks	- Co. Inspections Available	Obtain company inspections if required.	OGR 12.0.3 Directive 2006-04 FA 29(2)	Directive 2006-04	

Category	Variance Standard	Shortened Description of Standards for GLIMPS	Measurement Protocol	Legal Reference (Acts & Regs, OGR Renewal Framework)	'94 Ground Rules Reference, Acts and Regs	Company Specific Ground Rule (If different from OGR Framework. To be filled out by area staff)
	- Company inspection information is accurate.	- Co. Inspections Accurate	Compare company findings to yours.	OGR 12.0.3 FA 29(2)	Directive 2006-04	
	- Harvesting has occurred within the approved cutblock boundary.	- Harvesting within approved	Note any harvesting beyond approved boundary or observe any amendments to boundary. Confirm harvested boundary matches AOP map from ground, air, as-built map or air photograph. If it appears it doesn't, GPS boundary or request company to provide GPS map, or determine area of deviation from maps or air photographs.	FA 10 TMR 100(1)(a)	Forest Act – Sec 10 TMR 100(1) (a) OGR 2.3.1 Standard 4&5	
	- AOP and disposition approval conditions followed.	- Approval Conditions Followed	Observation, compare actual to approval conditions.	TMR 100(1)(a) & (b)	TMR 100(1)(a) & (b)	
Riparian	- Buffers of trees or lesser vegetation maintained according to ground rules and AOP	- Buffer Acceptable	As per approved OGR, plan and/or amendment. Walk buffer and assess adequacy based on required width. It may be necessary to confirm the watercourse classification as per OGR 6.0.1. (in <i>OGR Framework for Renewal</i> , or equivalent table elsewhere). Classification is based on actual field assessment, which supersedes classification indicated in approved plans. Reference SOP 27 Watercourse Classification and Buffer Measurement .	OGR Table 2 OGR 6.0.4 OGR 6.0.5 OGR 6.0.11 FA Section 10 Planning Standard – Annex 2 1.2 “Alberta’s approval does not transfer the accountability for the plan or its implementation from the Org or the submitting RFP to Alberta or its staff.	FA Section 10 OGR 3.2 Standard 2 OGR 3.2 Guideline 1 Table 2 OGR 3.3 Standard 1,4 & 6	

Category	Variance Standard	Shortened Description of Standards for GLIMPS	Measurement Protocol	Legal Reference (Acts & Regs, OGR Renewal Framework)	'94 Ground Rules Reference, Acts and Regs	Company Specific Ground Rule (If different from OGR Framework. To be filled out by area staff)
	- No trees or deleterious material in watercourse (includes logging debris)	- Deleterious Material	Observation. Sediment, logging debris or deleterious materials (eg. Fuels, oils, greases, industrial or household chemicals or refuse) shall not be deposited into the water or onto the ice of any watercourse. This is not limited to fish bearing watercourses. Compare upstream and downstream of any suspect area or activity.	TMR 100(1)(i) FPPR PART II, 21 (2) TMR 142.8(e) OGR 6.0.7 OGR 11.4.11 OGR 11.4.12 PLA 54 (1) (a),(d),(e),(f)	TMR 100(1) (i) FPPR PART II, 21 (2) TMR 142.8(e) OGR 3.3 Standard 5	
	- No decking within watercourses, riparian areas, seepage areas.	- Decking	Observation.	TM 100(1)(i) FPPR PART II, 21(1)a, b OGR Table 2 OGR 6.0.9	TMR 100(1) (i) FPPR PART II, 21(1)a, b OGR 3.3 Guideline 2 OGR Table 2	
	- Bank disturbance minimized	- Bank Disturbance	Observation. Disturbance includes rutting or soil displacement.	FPPR PART II, 21 (1) c PLA 54 (1) (e) OGR 11.4.10 OGR 6.0.4	FPPR PART II, 21 (1) c OGR 3.2 standard 2	
Watercourse Crossings	- Bank disturbance minimized	- Bank Disturbance	Observation. Disturbance includes rutting or soil displacement.	FPPR PART II, 21 (1) c OGR 6.0.8 OGR 11.4.6 OGR 11.4.10 OGR 11.4.16 OGR 11.4.22 TMR 100(1)(a)	FPPR PART II, 21 (1) c OGR 3.4.2 standard 2 OGR 3.4.3 Standard 5 OGR 4.3.2 Standard 3	

Category	Variance Standard	Shortened Description of Standards for GLIMPS	Measurement Protocol	Legal Reference (Acts & Regs, OGR Renewal Framework)	'94 Ground Rules Reference, Acts and Regs	Company Specific Ground Rule (If different from OGR Framework. To be filled out by area staff)
	<ul style="list-style-type: none"> - Structure functioning and as approved in AOP (location, type, size) 	<ul style="list-style-type: none"> - Functioning Structure 	<p>Observation. Water flow is not restricted by size or placement of structure. Indicators are: channel free of obstructions, culvert outlet is not hanging, inlet and outlet water velocity similar and structure not damaged.</p>	<p>TMR100(1)(a), (i) FPPR PART II, 21(1)a, b OGR 11.4.6 OGR 11.4.8 OGR 11.4.13 OGR 11.4.15 OGR 11.4.17 OGR 11.4.18 OGR 11.4.19 OGR 11.4.20</p>	<p>TMR100 (1) (a), (i) FPPR PART II, 21(1)a, b OGR 3.4.3 Standard 1 - 4 OGR 3.4.3 Guideline 1 - 5 OGR Table 3 OGR 3.4.4 Standard 2,4 & 5 OGR 4.3.2 Standard 2</p>	
	<ul style="list-style-type: none"> - Erosion control measures in place (sloping, revegetation, banks stabilized, ditch blocks, silt fence, etc.) 	<ul style="list-style-type: none"> - Erosion Control 	<p>Observation. Cross drains, ditch blocks, silt fences installed, and clearing debris spread, as needed. Water diverted before erosion occurs. Ditches and cuts left at a stable angle. Ditches and bared areas subject to erosion re-vegetated in first growing season/year.</p>	<p>FPPR 21 (1) c OGR 6.0.3 OGR Table 3 OGR 11.4.14 TMR 100(1)(a)</p>	<p>FPPR 21 (1) c OGR 3.4.2 Standard 5-7 OGR 3.4.4 Standard 3</p>	
	<ul style="list-style-type: none"> - Water from roads not draining directly into watercourse; 	<ul style="list-style-type: none"> - Road Drainage 	<p>Observation of flowing water, indicators such as debris deposited in watercourse, or direct course from road or ditch into watercourse.</p>	<p>OGR 11.3.3.5 TMR 100(1)(a) TMR 100(1)(i)</p>	<p>OGR 3.4.2 Standard 6 b</p>	

Category	Variance Standard	Shortened Description of Standards for GLIMPS	Measurement Protocol	Legal Reference (Acts & Regs, OGR Renewal Framework)	'94 Ground Rules Reference, Acts and Regs	Company Specific Ground Rule (If different from OGR Framework. To be filled out by area staff)
	- Approved structure and requirements specific to crossing type (i.e. bridge, snow fills) met.	- Approved Structure	Observation, actual structure as indicated in AOP. OGR and crossing type specific requirements met.	OGR 11.4.4 OGR 11.4.5 OGR 11.4.13 OGR 11.4.16 OGR 11.4.18 OGR 11.4.21 OGR 11.4.23 OGR 11.4.24 OGR 11.4.25 TMR 100(1)(a)	OGR 3.4.3 Standard 1 2 & 4 OGR Table 3	
	- Equipment only crossed at approved crossings	- Equipment Crossing Points	Observation of tracks or other disturbance at locations other than approved crossing.	OGR 6.0.8 TMR 100(1)(a)	OGR 3.3 Standard 7	
	- Variance on Water Act crossings noted	- Variances Reported	If variance noted, have company and/or Alberta Environment and Sustainable Resources confirm it was reported. Request documentation.	Code of Practice for Water Act OGR 11.4.1 OGR Table 4	Code of Practice for Water Act OGR 3.4.3 Guideline 3	
Roads	- Widths acceptable	- Widths Acceptable	Observation on non-DLO road, both right of way clearing and road surface compared to OGR standard. Right of way clearing beyond maximum width treated same as harvest beyond approved cutblock boundary. If road surface appears too wide measure width to nearest 0.5m every 100m to determine average width. Reference SOP 18 - Determining Soil Disturbance Area .	OGR Table 3 OGR 11.1.1 OGR 11.2.2.10 OGR 11.2.3.1 OGR 11.3.1.2 FA 10 PLA 54 (1) (b)	OGR 3.4.1 Standard 1&2 OGR Table 3	

Category	Variance Standard	Shortened Description of Standards for GLIMPS	Measurement Protocol	Legal Reference (Acts & Regs, OGR Renewal Framework)	'94 Ground Rules Reference, Acts and Regs	Company Specific Ground Rule (If different from OGR Framework. To be filled out by area staff)
	- Location as approved within variance limits.	- Location	Observation, compare approved and actual. Note any damage to sensitive soils. Variance limits often specified in self reporting agreements or applicable OGRs.	TMR 100(1) (a) OGR 9.1 OGR 9.2 OGR 11.3.2.1	TMR 100 (1) (a) OGR 3.4.1 Standard 4 OGR 3.4.2 Standard 1 OGR 3.4.2 Guideline 3 OGR 4.4 Guideline 1 OGR 4.7 Guideline 2	
	- Soil stabilization.	- Soil Stability	Observation, ditches and cuts left at a stable angle.	OGR 11.3.3.3 OGR 11.3.3.4 FPPR PART II, 21 (1) c TMR 100(1)(a)	OGR 3.4.2 Standard 3 & 9 FPPR PART II, 21 (1) c	
	- Erosion control measures implemented.	- Erosion Control	Observation. Cross drains, ditch blocks, silt fences installed, and clearing debris spread, as needed. Water diverted before erosion occurs. Ditches and bared areas subject to erosion re-vegetated in first growing season/year. Depending on specific OGR or AOP requirements, strippings spread upon final reclamation.	OGR 11.3.2.8 OGR 11.3.3.1 OGR 11.3.3.2 OGR 11.3.3.3 OGR 11.3.3.4 OGR 11.3.3.6 OGR 11.3.3.7 OGR 11.3.3.8 FPPR PART II, 21 (1) c TMR 100(1)(a)	FPPR PART II, 21 (1) c OGR 3.4.2 Standard 2,3, 5, 7, 8 & 9 OGR 3.4.2 Guideline 2, 3 & 4 OGR 3.4.4 Standard 3	
	- Design matches approved road classification	- Road Classification	Observation, compare design to actual.	TMR 100(1) (a) OGR Table 3 OGR11.1.1	TMR 100(1) (a) OGR Table 3 OGR 3.4.2 Guideline 1 OGR 4.4 Guideline 1	

Category	Variance Standard	Shortened Description of Standards for GLIMPS	Measurement Protocol	Legal Reference (Acts & Regs, OGR Renewal Framework)	'94 Ground Rules Reference, Acts and Regs	Company Specific Ground Rule (If different from OGR Framework. To be filled out by area staff)
	<ul style="list-style-type: none"> - Reclamation measures implemented (vary depending on whether seasonal, partial, or total reclamation). 	<ul style="list-style-type: none"> - Reclamation 	<p>Observation. Note presence, absence, or condition of: natural drainage, cross ditches and other drainage structures, stabilized/recontoured slopes, ruts, watercourse crossing structures, stream banks and approaches, decompaction, rollback of strippings and debris, re-vegetation, scarification, reforestation and access control. Compare these to applicable OGR or AOP requirements.</p>	<p>OGR 7.7.1.8 OGR 9.9 OGR 11.2.3.2 OGR 11.3.4.1 OGR 11.3.4.2 OGR 11.3.4.3 OGR 11.3.4.4 OGR 11.3.4.5 OGR 11.3.4.6 OGR 11.3.4.7 TMR 100(1)(a)</p>	<p>OGR 2.3.1 Standard 13 OGR 3.2 Guideline 3 OGR 3.3 Standard 3 & 8 OGR 3.4.5 Standard 4 OGR 3.4.6 Standard 1 – 5 OGR 3.4.6 Guideline 1 & 2</p>	
	<ul style="list-style-type: none"> - If required, access control measures in place 	<ul style="list-style-type: none"> - Access Control 	<p>Observation, compare to AOP.</p>	<p>OGR 7.7.1.7 OGR 11.5.2 TMR 100(1)(a)</p>	<p>TMR 100 (1) (a) OGR 4.4 Guideline 2</p>	
	<ul style="list-style-type: none"> - Borrow pits located outside ROW have proper disposition. 	<ul style="list-style-type: none"> - Borrow Pits 	<p>Observe any borrow pits, if not within ROW - check records for proper disposition.</p>	<p>OGR 11.3.2.5 OGR 11.3.2.6 OGR 11.3.2.7 PLA 59.3 (b)</p>	<p>OGR 3.4.5 Standard 1 – 4 OGR 3.4.5 Guideline 1 & 2</p>	

Category	Variance Standard	Shortened Description of Standards for GLIMPS	Measurement Protocol	Legal Reference (Acts & Regs, OGR Renewal Framework)	'94 Ground Rules Reference, Acts and Regs	Company Specific Ground Rule (If different from OGR Framework. To be filled out by area staff)
Utilization	<ul style="list-style-type: none"> - Meets applicable utilization standards specified in AOP and ground rules for butt diameter and tree length. 	<ul style="list-style-type: none"> - Tree Utilization 	<p>Observation. Measure top inside bark diameter, butt outside bark diameter and length; compare to applicable standard to determine if tree is merchantable. Trees with 2/3 or greater rot or defect are cull trees and do not need to be utilized. Be aware of applicable structure retention specifications; tree utilization usually applies to down trees, not standing. If downed tree has not been cut determine if it has blown down since harvest. Breakage, mechanical damage and logging debris on top of tree indicate it was down before skid clear and should have been utilized. Trees without signs of mechanical damage lying on top of logging debris should usually be regarded as post harvest blowdown. If utilization appears to be poor, see SOP 20 - Utilization.</p>	<p>TMR 100(1) (e) TMR 76 (1) a, b, e, f OGR 4.2.1</p>	<p>TMR 100(1) (e) OGR 2.2.3 Standard 2 OGR 2.3.1 Standard 6 & 10</p>	

Category	Variance Standard	Shortened Description of Standards for GLIMPS	Measurement Protocol	Legal Reference (Acts & Regs, OGR Renewal Framework)	'94 Ground Rules Reference, Acts and Regs	Company Specific Ground Rule (If different from OGR Framework. To be filled out by area staff)
	<ul style="list-style-type: none"> - Meets applicable utilization standards specified in AOP and ground rules for piece size. 	<ul style="list-style-type: none"> - Piece Utilization 	<p>Observation. Measure top inside bark diameter and length; compare to applicable standard to determine if piece is merchantable. Pieces with 2/3 or greater defect or rot are cull pieces and do not need to be utilized. If utilization appears to be poor, see SOP 20 - Utilization.</p>	<p>TMR 100(1) (e) TMR 76 (1) a, b, e , f OGR 4.2.1 OGR 4.2.2</p>	<p>TMR 100(1) (e) OGR 2.3.1 Standard 6,7,8,10,11, & 14</p>	
	<ul style="list-style-type: none"> - Acceptable bucking practices (to heavy branching and less than 50% rot at butt ends) 	<ul style="list-style-type: none"> - Bucking Practices 	<p>Observation. If tops appear to be over-sized, measure in groups of ten so they can be expressed as a percentage. Log butts or large ends exhibiting advanced decay greater than 50% in area of the cut surface (basal area) maybe bucked at 0.61m intervals or less to 50% sound wood. If bucking waste appears excessive, see SOP 20 - Utilization.</p>	<p>TMR 100(1)(e) TMR 76 (1) a, c, e, f OGR 4.2.1 OGR 4.2.2</p>	<p>TMR 100(1) (e) OGR 2.3.1 Standard 6 – 9, 14</p>	

Category	Variance Standard	Shortened Description of Standards for GLIMPS	Measurement Protocol	Legal Reference (Acts & Regs, OGR Renewal Framework)	'94 Ground Rules Reference, Acts and Regs	Company Specific Ground Rule (If different from OGR Framework. To be filled out by area staff)
	<ul style="list-style-type: none"> - Stumps no higher than 30cm from ground level or lower where determined by the ground rules 	<ul style="list-style-type: none"> - Stump Heights 	<p>Observation. If they appear high, measure height. If only a few or early in operations, measurement of individual piece(s) is usually sufficient. If larger numbers are involved, see SOP 20 - Utilization.</p>	<p>TMR 100(1)(f) OGR 4.2.3 OGR 8.2.2</p>	<p>TMR 100 (1) (e), (f)</p>	
Soils	<ul style="list-style-type: none"> - Soil disturbance due to roads and landings less than 5% of block area. 	<ul style="list-style-type: none"> - Roads and Landings 	<p>Observation. Total area covered by temporary roads, rutting, bared landing areas, displaced soil, and debris piles created by timber harvesting operations (as specified in applicable OGRs) should not exceed 5% of harvest area. Using the mapped, actual road location and an estimated or default road width may be useful in determining if more detailed measurement is required. If area appears to be close to or over 5%, determine area as per the SOP 18 – Determining Soil Disturbance Area</p>	<p>OGR 9.3 TMR 100(1)(a)</p>	<p>TMR 100(1) (a) Forest Soils Conservation Report</p>	

Category	Variance Standard	Shortened Description of Standards for GLIMPS	Measurement Protocol	Legal Reference (Acts & Regs, OGR Renewal Framework)	'94 Ground Rules Reference, Acts and Regs	Company Specific Ground Rule (If different from OGR Framework. To be filled out by area staff)
	- Multiple sets of ruts.	- Rutting	Observation. If rutting looks excessive request company to complete and submit a survey using methodology specified in <i>Forest Soils Conservation Guidelines</i> . Alternately, complete survey as per SOP 18 – Determining Soil Disturbance Area	OGR 9.6 TMR 100(1)(a)	OGR 32 Guideline 2 OGR 3.3 Guideline 1	
	- Operations not occurring when soil conditions are saturated.	- Ops Cessation	Observation, <u>any</u> amount of rutting may indicate harvesting when soils are saturated. Saturation determined as per table 1 on page 51 of <i>OGR Framework for Renewal</i> .	OGR 9.4 OGR 9.5 TMR 100(1)(a)	OGR 3.3 Standard 2	
	- Linear site preparation oriented to minimize downslope water channelling.	- Site Prep Erosion	Observation, normally a result of linear site prep up and down a slope.	OGR 9.8 FPPR PART II, 21 (1) c TMR 100(1)(a)	FPPR PART II, 21 (1) c	
Forest Protection	- Specific insect and disease tactics identified in AOP implemented (ie. mistletoe residual tree removal)	- Insect and Disease Tactics	Observation, compare to AOP.	TMR 100(1)(a) OGR Section 10	TMR 100(1)(a)	
	- Specific AOP tactics for noxious weeds implemented.	- Weed Tactics	Observation, If noxious weeds found request follow up from company. Follow Directive 2001-06 and Weed Control Act. Indicators are: voluntary participation in a weed management co-op, ensure equipment is cleaned prior to moving, use of certified weed-free bales for erosion control.	WCA 31 a, b, c WCA 35 TMR 100(1)(a) OGR 8.3.5 OGR 10.2.11 OGR 11.3.4.2 Directive 2001-06	TMR 100(a) Directive 2001-06	

Category	Variance Standard	Shortened Description of Standards for GLIMPS	Measurement Protocol	Legal Reference (Acts & Regs, OGR Renewal Framework)	'94 Ground Rules Reference, Acts and Regs	Company Specific Ground Rule (If different from OGR Framework. To be filled out by area staff)
	- Debris disposal standards in FPD directive maintained.	- Debris Disposal	Observation. If piles burned consider if at least 80% of debris from at least 80% of piles has been consumed. If disposal involves spreading or piling, consider if the depth and/or coverage of debris not piled is so great that it will impede planting or natural regeneration. If assessing dimensions of piles distances are measured from the <u>furthest</u> piece, as opposed to an <u>average</u> width, height diameter or distance. If pile dimensions/spacing are an issue groups of ten should be assessed so findings can be expressed as a %. For further information see SOP 17 – Debris Disposal	OGR 7.3.1 OGR 7.3.3 FPD - Debris Management Standards for Timber Harvesting Operations TMR 100(1)(g) FPPR Part II Section 8-10	FPD - Debris Management Standards for Timber Harvesting Operations TMR 100(1) (g) FPPR Part II Section 8-10 OGR 2.3.3 Standard 1-3 OGR 4.3.2 Guideline 10 & 11	
	- FireSmart tactics incorporated into AOP are implemented.	- FireSmart Tactics	Observation, compare to FHP/AOP.	TMR 100(1)(a)	TMR 100(1)(a)	
	- Slash free zone within 5 meters of cutblock boundary maintained.	- Slash Free Zone	Observation of slash within 5m of boundary in the harvested area. Use un-harvested area beyond boundary as a benchmark. Of greatest importance when ladder fuels present.	OGR 7.3.2 FPPR, PART II, 11. TMR 100(1)(g)	FPPR, PART II, 11. TMR 100(1) (g) OGR 2.3.3 Standard 4	
	- 25m pile free zone from block boundary	- Pile Free Zone	Observation. This does not apply to roadside debris piles or piles that are to be burned. They only require 5m clearance, or whatever greater distance is necessary to prevent scorching adjacent timber.	FPD - Debris Management Standards for Timber Harvesting Operations TMR 100(1)(g)	FPD - Debris Management Standards for Timber Harvesting Operations	

Category	Variance Standard	Shortened Description of Standards for GLIMPS	Measurement Protocol	Legal Reference (Acts & Regs, OGR Renewal Framework)	'94 Ground Rules Reference, Acts and Regs	Company Specific Ground Rule (If different from OGR Framework. To be filled out by area staff)
Structure Retention	- Structure maintained according to ground rule targets.	- Structure Retention	Observation. Structure retention requirements are OGR specific. See applicable OGRs .	OGR 7.4OGR 7.5 TMR 100(1)(a)	TMR 100(1)(a) OGR 4.3.2 Guideline 9	
	- Understory protected as according to tactics in AOP and ground rules.	- Understory Protection	Observation. The objective is protection of 50% of the pre-harvest understory stems. Consult the FHP/AOP to determine whether avoidance and/or protection tactics are stated. Refer to applicable OGRs for definition of acceptable pre-harvest and post-harvest stems or refer to local approved practices if different from the OGR.	OGR 7.5 TMR 100(1)(j)	TMR 100(1) (j) OGR 2.3.2 Standard 1 – 4 OGR 2.3.2 Guideline 1 OGR 4.3.2 Guideline 2	
Integration – Non-timber users and values	- Sites for designated as 'sensitive sites' for protection in the AOP have been maintained through approved tactics and vegetated buffers (ie. bear dens, licks, nests or other designated sites).	- Sensitive Sites	Observation, compare to specific requirements.	OGR 7.7 TMR 100(1)(a)	TMR 100(1) (a) OGR 4.3 OGR 4.3.2 Guideline 12	
	- Sites designated for protection of historical resources have been protected.	- Historical Resources	Observation, compare to specific requirements.	OGR 5.6.1 OGR 5.6.3 TMR 100(1)(a)	TMR 100(1)(a)	
	- Recreation concerns identified in the AOP have been implemented.	- Recreational Concerns	Observation, compare to specific requirements.	TMR 100(1)(a) OGR 5.2.3	TMR 100(1)(a) OGR 4.4 Standard 1	

Category	Variance Standard	Shortened Description of Standards for GLIMPS	Measurement Protocol	Legal Reference (Acts & Regs, OGR Renewal Framework)	'94 Ground Rules Reference, Acts and Regs	Company Specific Ground Rule (If different from OGR Framework. To be filled out by area staff)
	- Aesthetics tactics identified in the AOP have been implemented (i.e. vegetation screening, block layout modifications).	- Aesthetics	Observation, compare to specific requirements.	TMR 100(1)(a) OGR 5.5.1	TMR 100(1)(a) OGR 4.4 Guideline 3 OGR 4.8 Guideline 1	
	- Operations timing requirements have been met.	- Operations Timing	Observation, compare to specific requirements.	TMR 100(1)(a) OGR 7.7	TMR 100(1) (a) OGR 4.3.3 Guideline 3	
	- Range Management – tactics from AOP have been implemented. Grazing disposition holder infrastructure has been protected.	- Range Management	Observation, compare to specific requirements. Look for damage to infrastructure such as fences, gates, pre-existing access. Useful to contact Agrologist or grazing disposition holder for input prior to final inspection.	TMR 100(1)(a) OGR 5.4.2 OGR 5.4.3	TMR 100(1) (a) OGR 4.6 Standard 2,3, & 4 OGR 4.6 Guideline 1	
	- Identified trapping concerns in AOP have been implemented (protection of infrastructure, etc.).	- Trapping Concerns	Observation, compare to specific requirements.	TMR 100(1)(a) OGR 5.3	TMR 100(1) (a) OGR 4.5 Standard 2	
	- Specific tactics identified in the AOP have been implemented.	- Species Specific Tactics	Observation, compare to AOP.	TMR 100(1)(a) OGR 7.7	TMR 100(1) (a) OGR 4.3.4 Standard 1	
Camps and Facilities	- Proper garbage storage and disposal	- Waste Management	Observation. Garbage contained and eventually removed.	TMR 100(1)(h) OGR 8.3.6 OGR 11.6.2 EPEA 178	TMR 100(1) (h) OGR 3.5 Standard 4, 5, & 6 EPEA 178	

Category	Variance Standard	Shortened Description of Standards for GLIMPS	Measurement Protocol	Legal Reference (Acts & Regs, OGR Renewal Framework)	'94 Ground Rules Reference, Acts and Regs	Company Specific Ground Rule (If different from OGR Framework. To be filled out by area staff)
	-	-				
	- Fuel storage location away from watercourses.	- Fuel Storage / Containment	Observation, measure distance if it appears inadequate.	OGR 6.0.7 OGR 11.6.2 TMR 100(1)(h)	OGR 3.5 Standard 7 & 8	
	- Camps and facilities in approved locations and under appropriate disposition.	- Locations / Disposition	Observation, compare actual to authorized and confirm disposition in place.	PLA 20 OGR 11.6.1 OGR 11.6.2 OGR 11.6.3 TMR 100(1)(a) PLA 59.3(b)	OGR 3.5 Standard 1 & 3 OGR 3.5 Guideline 1	
	- Camps and facilities reclaimed.	- Reclamation	Observation. Site returned to best resemble pre-construction conditions, or as specified in disposition.	OGR 11.3.4.7 PLA 20 PLA 59.3(b)	OGR 3.5 Standard 8	
Reforestation Operations	- Approved prescription from reforestation program in AOP followed.	- Approved Prescription	Observation, compare to reforestation program and changes made to the prescription post-harvest.	TMR 100(1)(a) OGR 8.1.1 OGR 8.1.3 OGR 8.3.1	TMR 100(1)(a)	

Category	Variance Standard	Shortened Description of Standards for GLIMPS	Measurement Protocol	Legal Reference (Acts & Regs, OGR Renewal Framework)	'94 Ground Rules Reference, Acts and Regs	Company Specific Ground Rule (If different from OGR Framework. To be filled out by area staff)
	- Seedlot deployment as approved in AOP.	- Seedlot	Observation, compare to AOP specifications, check that seedlot labels are present on boxes and match manifest seedlot. Check if seedlot is Stream 1 (seedlot number references legal location of seed origin) or Stream 2 (seedlot number references a "G" Controlled Parentage Program project e.g. G149). Check manifest and confirm correct nursery labels if present at time of plant. If seedlot is Stream 1 then check that seedlot is within the seed zone of origin (if seedlot was collected prior to 2003 that it is within seed zone of origin or is within old seed movement guidelines) or is covered by an approved variance request. If seedlot is Stream 2 then confirm that seedlot is being planted within the appropriate breeding region. Reference SOP 21 – Planting and Seedlots	TMR 144.2 TMR 144.3 Alberta Forest Genetic Resource Management and Conservation Standard	TMR 144.2 TMR 144.3 Alberta Forest Genetic Resource Management and Conservation Standard	

Category	Variance Standard	Shortened Description of Standards for GLIMPS	Measurement Protocol	Legal Reference (Acts & Regs, OGR Renewal Framework)	'94 Ground Rules Reference, Acts and Regs	Company Specific Ground Rule (If different from OGR Framework. To be filled out by area staff)
	<ul style="list-style-type: none"> - Herbicide risk management as approved in herbicide plan. 	<ul style="list-style-type: none"> - <u>Herbicide</u> 	<p>Observation. Compare field operations to herbicide plan.</p> <p>Look specifically for:</p> <ul style="list-style-type: none"> • Approval letter for herbicide plan from ESRD • Risk Management measures in herbicide plan that are in place. (ie. application location baglines, buffers on watercourses, proper mapping, mixing site locations, application monitors etc.) • Herbicide Project Submission Checklist • Certified applicators and application equipment on site as per herbicide plan. Reference SOP 19 – Herbicide Application 	<p>EPEA PSHUAR 9(3), 11 OGR 7.7.5.8</p> <p>OGR 8.3.4 TMR 100(1)(a)</p>	<p>EPEA PSHUAR 9(3), 11</p>	
	<ul style="list-style-type: none"> - Regeneration surveys are accurate. 	<ul style="list-style-type: none"> - Regen Survey 	<p>Check survey as per <i>Reforestation Standard of Alberta (RSA)</i> effective May 1, 2015 Reference SOP 15 – Active FOM Reforestation Survey Inspections</p>	<p>TMR 141.6(1) & 141.7(1) <i>Reforestation Standard of Alberta (RSA)</i> OGR 8.3.3</p>	<p>TMR 141.7(1) TMR 114 <i>Reforestation Standard of Alberta (RSA)</i></p>	

Category	Variance Standard	Shortened Description of Standards for GLIMPS	Measurement Protocol	Legal Reference (Acts & Regs, OGR Renewal Framework)	'94 Ground Rules Reference, Acts and Regs	Company Specific Ground Rule (If different from OGR Framework. To be filled out by area staff)
	<ul style="list-style-type: none"> - Site Preparation activities as approved in AOP 	<ul style="list-style-type: none"> - Site Preparation 	<p>Observation. Compare field operations to approved Reforestation Plan.</p> <ul style="list-style-type: none"> • Is the activity or method of site preparation used (if applicable) the one that was approved? • Is the activity being conducted in accordance with the operating ground rules? Is there any environmental damage as a result of the activity? (e.g. Mounding or disk trenching through an ephemeral draw or intermittent drainage). <p>Reference SOP 25 – Site Preparation</p>			