

Post-Payout --- Good Faith Estimate													For OSR 047 Only													GFE-1												
Project Name: Name of Project		Report Month ⁽¹⁾ : 2011-01												Template For Period 2016 to 2033																								
OSR #: OSR047		Operator Name: Name of Operator												Form Id: OSR047_GFE_2016																								
Operator Id: BA ID of Operator		Operator Name: Name of Operator												Version #: 1.00																								
Production Month	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL																									
Indicates Actual or Estimate for Month	(Act)	(Est)	(Est)	(Est)	(Est)	(Est)	(Est)	(Est)	(Est)	(Est)	(Est)	(Est)	(Est)																									
PRODUCTION, SALES & HANDLING CHARGES⁽²⁾																																						
Total Crude Bitumen Production (m ³)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0																								
Crude Bitumen Volume at RCP (m ³)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0																								
Blended Bitumen Volume at RCP (m ³)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0																								
Other Oil Sands Products Volume at RCP (unit)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0																								
Crude Bitumen AL Sales Volume (m ³)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0																								
Blended Bitumen AL Sales Volume (m ³)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0																								
Other Oil Sands Products AL Sales Volume (unit)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0																								
Crude Bitumen AL Sales Value (\$)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0																								
Blended Bitumen AL Sales Value (\$)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0																								
Other Oil Sands Products AL Sales Value (\$)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0																								
Crude Bitumen Handling Charges for AL Sales (\$)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0																								
Blended Bitumen Handling Charges for AL Sales (\$)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0																								
Other Oil Sands Products Handling Charges for AL Sales (\$)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0																								
NON-ARMS LENGTH INFORMATION																																						
Crude Bitumen NAL Sales Volume (m ³)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0																								
Blended Bitumen NAL Sales Volume (m ³)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0																								
Other Oil Sands Products NAL Sales Volume (unit)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0																								
Crude Bitumen NAL Sales Value (\$)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0																								
Blended Bitumen NAL Sales Value (\$)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0																								
Other Oil Sands Products NAL Sales Value (\$)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0																								
Crude Bitumen Handling Charges for NAL Sales (\$)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0																								
Blended Bitumen Handling Charges for NAL Sales (\$)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0																								
Other Oil Sands Products Handling Charges for NAL Sales (\$)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0																								
Diluent in NAL Sales Volume (m ³)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0																								
Diluent Value in NAL Sales (\$)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0																								
Other Oil Sands Product FMV (\$/unit)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00																								
Bitumen Density (kg/m ³)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0																								
Bitumen Hardisty BVM Price (\$/m ³)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00																								
BVM Transportation Allowance (\$/m ³)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00																								
BVM Quality Adjustment (\$/m ³)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00																								
Bitumen Adj BVM Price (\$/m ³)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00																								
UNIT PRICE																																						
Crude Bitumen Unit Price (\$/m ³) - AL Sales > or = Threshold%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00																								
Crude Bitumen Unit Price (\$/m ³) - No AL Sales	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00																								
Crude Bitumen Unit Price (\$/m ³) - AL Sales < Threshold%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00																								
Blended Bitumen Unit Price (\$/m ³) - AL Sales > or = Threshold%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00																								
Blended Bitumen Unit Price (\$/m ³) - No AL Sales	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00																								
Blended Bitumen Unit Price (\$/m ³) - AL Sales < Threshold%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00																								
Other Oil Sands Product Unit Price (\$/unit) - AL Sales > or = Threshold%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00																								
Other Oil Sands Product Unit Price (\$/unit) - No AL Sales	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00																								
Other Oil Sands Product Unit Price (\$/unit) - AL Sales < Threshold%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00																								
REVENUE																																						
Crude Bitumen Revenue	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0																								
Blended Bitumen Revenue	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0																								
Other Oil Sands Products Revenue	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0																								
PROJECT REVENUE (use to calculate Net Revenue)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0																								
DILUENT																																						
Diluent in AL Sales Unit Price (\$/m ³)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00																								
Diluent in Volume at RCP Unit Price (\$/m ³)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00																								
Diluent in AL Sales Volume (m ³)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0																								
Diluent in Volume at RCP (m ³)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0																								
Diluent in Remaining Volume (m ³) - Vol at RCP less AL Sales	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0																								
Diluent Value in AL Sales (\$)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0																								
Diluent Value in Volume at RCP (\$)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0																								
Diluent Value in Remaining Volume (\$) - Vol at RCP less AL Sales	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0																								
GROSS REVENUE (do not use to calculate Net Revenue)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0																								
ALLOWED COSTS (AC)																																						
Project Operations (excludes cost of diluent)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0																								
Diluent	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0																								
Capital	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0																								
Project Expansion PNCR	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0																								
Total Period Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0																								
Cumulative Balance Carried Forward Upon Payout																																						
Previous Period's Net Loss																																						
Return Allowance on Prev Period's Net Loss																																						
Excess of Prev Period's GRR over NRR																																						
Total Allowed Costs before ARA	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0																								
ARA for UDC																																						
Total Allowed Costs after ARA																																						
OTHER NET PROCEEDS (ONP)																																						
Excess of Prev Period's ONP over Total AC																																						
Earned (Current Period's ONP)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0																								
Total Other Net Proceeds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0																								
Allowable Revenue from Other Net Proceeds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0																								
Excess of Current Period ONP over Total AC Before ARA (Carry Forward to Next Period)																																						
NET REVENUE AFTER ARA																																						
NET LOSS AFTER ARA (Carry Forward to Next Period)																																						
Revenue for Royalty Calculation⁽³⁾																																						
Net Rev Royalty (NRR) After ARA																																						
Gross Rev Royalty (GRR)																																						
Excess of Current Period GRR over NRR After ARA (Carry Forward to Next Period)																																						
Royalty Installment Calculated	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0																								
Royalty Installment Payable⁽⁴⁾	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0																								
Cumulative Royalty Installments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0																								

(1) Report Month is the current production month. Form submission is due 30 days after the report month.
(2) For the report month and future production months, the Royalty Installment Payable will be the same as the Royalty Installment Calculated. For production months previous to the report month, input the Royalty Installment Calculated from its respective report months as the Royalty Installment Payable.
If the Royalty Installment Calculated is a negative amount in a month, the Royalty Installment Payable for that month is \$0.
⁽³⁾Revenue for Royalty Calculation will differ from Gross Revenue if there are product losses or if Diluent costs are greater than the Blended Bitumen revenues.
Reminder: This report must be accompanied by a statement indicating approval of this report by the chief financial officer, or by a senior officer of the operator approved in advance by Alberta Energy - Oil Sands Royalty Regulation 2009, Section 38(5).
The statement of approval must reference the project id and royalty payable being approved.

Contact Name: Enter contact for the form
Company Title: Enter contact's position
Date Prepared: yyyy/mm/dd
Phone Number: (###)###-####
E-Mail Address: Contact@email.ca

**SCHEDULE "B" to ALBERTA SUNCOR (O.S.G.) CROWN AGREEMENT:
 THIRD AMENDMENT AND BITUMEN ROYALTY OPTION AGREEMENT
 DRAFT AND WITHOUT PREJUDICE - SUBJECT TO REVISIONS**

Revised: November 17, 2011

	T	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	
All dollar amounts are in \$CAD millions unless otherwise stated																																					
Remaining Value @ Jan. 1, 2009												0.00																									
Cost Adjustment Pool - Opening Balance												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Period Discount factor												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Annual Recognition Amount												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cost Adjustment Pool Reduction												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cost Adjustment Pool - Closing Balance												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Calculated Field for OERB/ OPE	Formula
Month Unit Price (can be negative, rounded to 2 decimals)	
Crude Bitumen Unit Price (\$/bbl) - AL Sales > or = Thresholds	$(\text{Crude Bitumen AL Sales Value} - \text{Crude Bitumen AL Handling Charges}) / \text{Crude Bitumen AL Sales Volume}$ ie. $(\text{TC-HC}) / \text{TD}$
Crude Bitumen Unit Price (\$/bbl) - No AL Sales	$(\text{Crude Bitumen Volume at RCP} \times \text{Bitumen Adj BVM Price}) / \text{Crude Bitumen Volume at RCP}$ ie. $(\text{NG} \times \text{PI}) / \text{PO}$
Crude Bitumen Unit Price (\$/bbl) - AL Sales < Thresholds	$(\text{Crude Bitumen AL Sales Value} - \text{Crude Bitumen AL Handling Charges}) + ((\text{Crude Bitumen Volume at RCP} - \text{Crude Bitumen AL Sales Volume}) \times \text{Bitumen Adj BVM Price}) / \text{Crude Bitumen Volume at RCP}$ ie. $(\text{TC-HC}) + ((\text{NG} \times \text{PI}) / \text{PO})$
Blended Bitumen d(Blend Type)> Unit Price (\$/m ³) - AL Sales > or = Thresholds	$(\text{Blended Bitumen AL Sales Value} - \text{Blended Bitumen AL Handling Charges}) / \text{Blended Bitumen AL Sales Volume}$ ie. $(\text{TC-HC}) / \text{TD}$
Blended Bitumen d(Blend Type)> Unit Price (\$/m ³) - No AL Sales	$(\text{Blended Bitumen Volume at RCP} - \text{Diluent in Volume at RCP}) \times \text{Bitumen Adj BVM Price} + \text{Diluent Value in Volume at RCP} / \text{Blended Bitumen Volume at RCP}$ ie. $(\text{ND} \times \text{PI} + \text{CD}) / \text{PO}$, where ND is clean bitumen in the blend
Blended Bitumen d(Blend Type)> Unit Price (\$/m ³) - AL Sales < Thresholds	$(\text{Blended Bitumen AL Sales Value} - \text{Blended Bitumen AL Handling Charges}) + ((\text{Blended Bitumen Volume at RCP} - \text{Blended Bitumen AL Sales Volume} - \text{Diluent in Remaining Volume}) \times \text{Bitumen Adj BVM Price}) + \text{Diluent Value in Remaining Volume} / \text{Blended Bitumen Volume at RCP}$ ie. $(\text{TC-HC}) + ((\text{ND} \times \text{PI}) + \text{CD}) / \text{PO}$, where ND is clean crude bitumen in a blend
Other Oil Sands Product Unit Price (\$/unit) - AL Sales > or = Thresholds	$(\text{Other Oil Sands Products AL Sales Value} - \text{Other Oil Sands Products AL Handling Charges}) / \text{Other Oil Sands Products AL Sales Volume}$ ie. $(\text{TC-HC}) / \text{TD}$
Other Oil Sands Product Unit Price (\$/m ³) - No AL Sales	$(\text{Other Oil Sands Products Volume at RCP} \times \text{FMV}) / \text{Other Oil Sands Products Volume at RCP}$ ie. $(\text{NG} \times \text{PI}) / \text{PO}$
Other Oil Sands Product Unit Price (\$/m ³) - AL Sales < Thresholds	$(\text{Other Oil Sands Products AL Sales Value} - \text{Other Oil Sands Products AL Handling Charges}) + (\text{Other Oil Sands Products Volume at RCP} - \text{Other Oil Sands Products AL Sales Volume}) \times \text{FMV} / \text{Other Oil Sands Products Volume at RCP}$ ie. $(\text{TC-HC}) + (\text{NG} \times \text{PI}) / \text{PO}$
Formula Legend	
TC - total transportation included or available in the 3rd party disposition	
HC - handling charges in relation to the 3rd party disposition	
TD - 3rd party disposition quantity	
NG - production quantity at RCP less AL disposition (for Blend ND is the clean crude bitumen in a blend)	
PI - Bitumen Adj BVM Price or Other Oil Sand Product FMV	
PO - Bitumen Adj BVM Price - bitumen price calculated using BVM valuation Model and adjusted for quality and transportation	
RD - Bitumen Valuation Methodology	
PO - Total volume of oil sands products produced and delivered at the RCP for the month	
CD - Cost of diluent if oil sands product is a blend	
Bitumen Adj BVM Price (\$/m³)	Bitumen Hardtop BVM Price - BVM Transportation Allowance - BVM Quality Adjustment
Revenue from bit negative, rounded to whole value)	
Crude Bitumen Revenue	
Condition 1 - If AL Sales meet 3rd Party Disposition Threshold of 40%	$\text{Crude Bitumen Volume at RCP} \times \text{Crude Bitumen Unit Price when AL Sales} > \text{or} = \text{Threshold}$
Condition 2 - If no AL Sales	$\text{Crude Bitumen Volume at RCP} \times \text{Crude Bitumen Unit Price when No AL Sales}$
Condition 3 - If AL Sales are less than 3rd Party Disposition Threshold of 40%	$\text{Crude Bitumen Volume at RCP} \times \text{Crude Bitumen Unit Price when AL Sales} < \text{Threshold}$
Blended Bitumen d(Blend Type)> Revenue	
Condition 1 - If AL Sales meet 3rd Party Disposition Threshold of 40%	$\text{Blended Bitumen Volume at RCP} \times \text{Blended Bitumen Unit Price when AL Sales} > \text{or} = \text{Threshold}$
Condition 2 - If no AL Sales	$\text{Blended Bitumen Volume at RCP} \times \text{Blended Bitumen Unit Price when No AL Sales}$
Condition 3 - If AL Sales are less than 3rd Party Disposition Threshold of 40%	$\text{Blended Bitumen Volume at RCP} \times \text{Blended Bitumen Unit Price when AL Sales} < \text{Threshold}$
Other Oil Sands Products Revenue	
Condition 1 - If AL Sales meet 3rd Party Disposition Threshold of 40%	$\text{Other Oil Sands Products Volume at RCP} \times \text{Other Oil Sands Products Unit Price when AL Sales} > \text{or} = \text{Threshold}$
Condition 2 - If no AL Sales	$\text{Other Oil Sands Products Volume at RCP} \times \text{Other Oil Sands Products Unit Price when No AL Sales}$
Condition 3 - If AL Sales are less than 3rd Party Disposition Threshold of 40%	$\text{Other Oil Sands Products Volume at RCP} \times \text{Other Oil Sands Products Unit Price when AL Sales} < \text{Threshold}$
Diluent	
Diluent in Remaining Volume (m ³)	$\text{Diluent in Volume at RCP} - \text{Diluent Volume in AL Sales Volume}$
Diluent Value in Remaining Volume (\$)	$\text{Diluent Value in Volume at RCP} - \text{Diluent Value in AL Sales Volume}$
Diluent in AL Sales Unit Price (\$/m ³)	$\text{Diluent Value in AL Sales Volume} / \text{Diluent Volume in AL Sales Volume}$
Diluent in Volume at RCP Unit Price (\$/m ³)	$\text{Diluent Value in Volume at RCP} / \text{Diluent in Volume at RCP}$
Costs	
Period Costs	Project Operations (excludes cost of diluent) + Capital + Diluent
Total Allowed Costs Before ARA	$\text{Period Costs} + \text{Cumulative Balance Carried Forward Upon Payout} + \text{Previous Period's Net Loss} + \text{Return Allowance from Prev Periods Net Loss} + \text{Excess of Prev Periods GRR over NRR}$
Total Allowed Costs After ARA	$\text{Total Allowed Costs Before ARA for the Period} - \text{ARA for OERB}$
Total Other Net Proceeds	Excess of Prev Periods' Total Other Net Proceeds over Total Allowed Costs + Earned Proceeds
Allowable Revenue from Other Net Proceeds	Lesser of Total Allowed Costs Before ARA or Total Other Net Proceeds
Excess of Current Period CNP over Total AC Before ARA	$\text{Total Other Net Proceeds for the Period} - \text{Total Allowed Costs Before ARA for the Period}$
Diluent	$\text{Diluent Value in Volume at RCP}$
Project Revenue	$\text{Sum of Product Revenue (ie. g. Crude Bitumen Revenue + Blended Bitumen Revenue + Other Oil Sands Products Revenue)}$
Costs Beyond	$\text{Project Revenue} - \text{Diluent Value in Volume at RCP}$
Net Revenue After ARA for the Period (must be greater than or equal to 0)	$\text{Project Revenue for Period} - (\text{Total Allowed Costs After ARA for Period} - \text{Allowable Revenue from Other Net Proceeds for Period})$
Net Loss After ARA for the Period (must be greater than or equal to 0)	$\text{Total Allowed Costs for Period After ARA} - (\text{Project Revenue for Period} + \text{Allowable Revenue from Other Net Proceeds for Period})$
Excess of Current Period GRR over NRR After ARA (carry forward to next period)	$\text{If Gross Rev Royalty GRR} > \text{Net Rev Royalty NRR After ARA, then: Gross Rev Royalty} - \text{Net Rev Royalty After ARA, otherwise, value is 0}$
Revenue for Royalty Calculation	$(\text{Total Crude Bitumen Revenue} + \text{Total Blended Bitumen Revenue} - \text{Total Diluent Cost in the Blend}) + \text{Total Other OS Product Revenue}$
Net Revenue Royalty for Royalty must be greater than or equal to zero. Diluent value for royalty must be less than or equal to the Blend revenue for royalty.	$\text{Net Revenue Royalty for Royalty} = \text{Revenue for Royalty Calculation} - \text{Diluent Value for Royalty}$
Net Revenue Royalty After ARA (rounded to whole value)	$\text{Revenue for Royalty Calculation} \times \text{Published } R_n\% \text{ Factor} \times \text{Net Revenue After ARA} / \text{Gross Revenue}$
Gross Revenue Royalty (rounded to whole value)	$\text{Revenue for Royalty Calculation} \times \text{Published } R_n\%$
R_n% Factor (published by DOE)	$R_n\% \text{ Factor} = (25\% + (F_1 / (A-B))), \text{ where}$ F_1 is 15%, divided by \$65 per barrel A is the lesser of the WTI price for the year containing the Period and \$120 per barrel B is the lesser of A for that year and \$55 per barrel
R_n%	$R_n\% = R_n\% \text{ Factor} \times \text{NRR After ARA} / \text{GRR}$, where $R_n\%$ is the Crown's royalty share of the quantity expressed as a percentage NRR is the net revenue of the Project for the Period After ARA GRR is the gross revenue of the Project for the Period
R_n% (published by DOE)	$R_n\% = R_n\% + (F_2 / (A-B)), \text{ where}$ $R_n\%$ is the Crown's royalty share of the quantity expressed as a percentage F_2 is 8% divided by \$65 per barrel A is the lesser of the WTI price for the year containing the Period and \$120 per barrel B is the lesser of A for that year and \$55 per barrel
Annual Royalty	$\text{Annual Royalty is the greater of the Gross Revenue Royalty and Net Revenue Royalty After ARA}$
Royalty Installment Calculated (can be negative)	This is the installment calculation of the annual royalty payable. If Gross Revenue Royalty is greater than Net Revenue Royalty After ARA, the annual royalty payable is the Gross Revenue Royalty amount; otherwise, the annual royalty payable is the Net Revenue Royalty After ARA amount. (Greater of applicable R _n % and R _n %) x Monthly Gross Revenue to Date - Cumulative Royalty Installments charged
Royalty Installment Payable (cannot be negative)	Royalty installment for current production month (report month) and remaining production months in the Period is the same as the Royalty Calculated for the month. Royalty installment for production months prior to the current production month is the original royalty installment that was calculated for that production month. The monthly royalty installments for prior production months must be entered into the spreadsheet.
Cumulative Royalty Installments	$\text{Cumulative Royalty Installments charged} + \text{Current Month Monthly Royalty Installment}$

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