

Plant Name _____
Operator _____

LSD	SEC	TWP	RGE	W	M

Specify Quarter		
PLANT CODE	YEAR	(Jan-Mar, Apr-Jun, Jul-Sep, Oct-Dec)

If this is the first Monthly Credit Report being submitted for this plant check here

Compliance Summary	Calendar quarter-year sulphur recovery meets minimum approval requirements. Sulphur inlet rates are in compliance with maximum approved daily/design rates. Calendar quarter-year sulphur inlet less than 125% of baseline capacity Emission credit balance at end of calendar quarter-year is positive.	Yes	No

S-30 Data Summary	Month 1	Month 2	Month 3	Quarterly Total (t/quarter)	Quarterly Total (t/day)	Inlet _{Actual} (t/d)	Note
Sulphur Inlet (tonnes)							Note 1
Sulphur Outlet (tonnes)							Note 2
% Difference							Note 3
Actual calendar quarter-year sulphur recovery					Minimum approved sulphur recovery (SR _{Approval})		Note 4

- Notes:
- 1 Sulphur content of sour gas inlet to plant processes (excludes raw sour gas bypassed to injection or other plants).
 - 2 Sum of sulphur content of produced sulphur, acid gas injected, sour and acid gas flared and sulphur recovery unit tail gas.
 - 3 Difference must be within 5% for each month. If it is outside this range, provide an explanation about what steps are being taken to ensure that this range is met for the next reporting quarter (attach explanation if more room is needed).
 - 4 It is a noncompliance if actual calendar quarter-year sulphur recovery is less than SR_{Approval}. Provide reasons for such noncompliance and describe measures being taken to prevent recurrence.

Comments: _____

Minimum Sulphur Recovery Determination

Inlet _{GFC}		t/d	= Maximum Grandfathered Capacity (tonnes/day) = Baseline Capacity x 0.925 ^(Year - 2001)	Note 5
SR _{Approval}		%	= calendar quarter-year sulphur recovery specified in the grandfathered approval (%)	
Inlet _{Actual}		t/d	= average calendar quarter-year inlet sulphur (tonnes/day)	
SR _{New}		%	= calendar quarter-year sulphur recovery specified in Table 1 that is applicable for Inlet _{Actual} (%)	
SR _{min}	=		$= ((\text{Inlet}_{\text{GFC}} \times \text{SR}_{\text{Approval}}) + ((\text{Inlet}_{\text{Actual}} - \text{Inlet}_{\text{GFC}}) \times \text{SR}_{\text{New}})) / \text{Inlet}_{\text{Actual}}$ = calendar quarter-year blended sulphur recovery requirement (%)	Note 6

Notes:

- 5 The Baseline Capacity for each plant and sulphur recovery specified in the grandfathered approvals can be found in ID 2001-3: Sulphur Recovery Guidelines for the Province of Alberta.
- 6 The blended sulphur recovery requirement is equal to the grandfathered approval for sulphur inlet rates that are less than the Maximum Grandfathered Capacity.

Enhanced Sulphur Recovery Performance Incentive Credit Calculation

Previous Credits = Credit Balance from Previous Calendar Quarter-Year Credit Report		tonnes	
Emission Credits = (Current Quarterly SR - Blended SR) * Quarterly Total Sulphur Inlet (tonnes per quarter)		tonnes	Note 7
$\text{Credit}_Q = \text{Inlet}_{\text{QActual}} \times (\text{SR}_{\text{Actual}} - \text{SR}_{\text{min}}) / 100$			
Where: Credit _Q = sulphur emission reduction credits earned in a calendar quarter-year (tonnes sulphur)			
Inlet _{QActual} = actual total calendar quarter-year inlet sulphur (tonnes)			
SR _{Actual} = actual calendar quarter-year sulphur recovery (%)			
SR _{min} = as defined above			

Credit Balance = Previous Credits + Emission Credits for Current Quarter tonnes Note 8

Notes:

- 7 A positive value indicates credits earned for enhanced performance relative to minimum requirements. A negative value indicates performance less than target recovery to be deducted from previous credit balance.
- 8 Note that if the credit balance is negative, the operator must provide a detailed explanation of how the operator will work to gain a positive credit balance for the next quarter. All operators that have a negative credit balance will be subject to escalating enforcement action, as given in ID 2001-3.

Contact Name _____ Telephone _____
Signature _____ Date _____