CHEVRON PRODUCTS COMPANY

I-Plan Option 2 with B-Plan

Combined Stack	Chevron ID	Device ID	Category	Size (MMBtu/hr)	Baseline Unit Emissions (Tons/Year)	Representative NOx (ppmv)	Rule 1109.1 Table 1 NOx Limit (ppmv)	Rule 1109.1 Table 1 Remaining Emissions (Tons/Year)	Rule 1109.1 Table 2 NOx Limit (ppmv)	Rule 1109.1 Table 2 Remaining Emissions (Tons/Year)	Units Possibly Eligible for Conditional Limits Based on Potential Reductions (Refer to Rule 1109.1 (d)(3) for all Conditions)	Operator Selects Table 1 or Table 2 Limits (Table 2 Must Meet (d)(3))	NOx Lmit Based Selected Table 1 or Table 2 Limits (ppmv)	Remaining Emissions Based on Selected Table 1 or Table 2 Limits (Tons/Year)	Operator Specifies if Unit will be Decommissioned (Yes/No)	Will Unit be Included in I-Plan (Yes/No)	Anticipated Start Date of Turnaround (Month/Year)	Expected End Date of Turnaround (Month/Year)	Phase where Permit Application will be Submitted	Phase I Alternative BARCT Emission Limit (ppmv)	Phase I BARCT Equivalent Emissions (Tons/Year)	Phase II Alternative BARCT Emission Limit (ppmv)	Phase II BARCT Equivalent Emissions (Tons/Year)
D203, D3973	FCC	D203	FCCU	-	49.7	6	2.0	16.6	8.0	66.3	Eligible	Table 2	8.0	66.3	No	Yes	Confidential Business Information - Redacted		Phase I	6.0	49.7	8	66.3
D203, D3973	FCC SU Heater	D3973	FCC SU Heater	165	-	-					Combined with FCCU												
	Aux Boiler	D2216	Boiler	342	15.5	47.4	5.0	1.6	7.5	2.5	Eligible	Table 1	5.0	1.6	No	Yes			Phase II	47.4	15.5	5.0	1.6
	F-720	D641	Heater	365	68.3	24	5.0	14.2	22.0	62.6	Not Eligible, Red > 20 TPY	Table 1	5.0	14.2	No	Yes			Phase I	3.8	10.8	3.8	10.8
	F-731	D643	Heater	220	26.2	20.3	5.0	6.5	22.0	28.4	Table D-1 Eligible	Table 1	5.0	6.5	No	Yes			Phase I	3.8	4.9	3.8	4.9
	F-1610	D451	Heater	102	37	69.8	5.0	2.7	7.5	4.0	Not Eligible, Red > 20 TPY	Table 1	5.0	2.7	No	Yes			Phase II	69.8	37.0	5.0	2.7
	F-301B	D20	Heater	217	27.9	31.3	5.0	4.5	7.5	6.7	Not Eligible, > 20 TPY	Table 1	5.0	4.5	No	Yes			Phase II	31.3	27.9	5.0	4.5
	F-620	D625	Heater	63	24.9	58.6	5.0	2.1	18.0	7.6	Not Eligible, Red > 10 TPY	Table 1	5.0	2.1	No	Yes			Phase II	58.6	24.9	5.0	2.1
	F-510	D617	Heater	57	23.8	105	5.0	1.1	18.0	4.1	Not Eligible, Red > 10 TPY	Table 1	5.0	1.1	No	Yes			Phase I	60.0	13.6	60.0	13.6
	F-610	D623	Heater	63	23.8	53.8	5.0	2.2	18.0	8.0	Not Eligible, Red > 10 TPY	Table 1	5.0	2.2	No	Yes			Phase II	53.8	23.8	5.0	2.2
	F-1010	D502	Heater	70	21.5	85	5.0	1.3	18.0	4.6	Not Eligible, Red > 10 TPY	Table 1	5.0	1.3	No	Yes			Phase I and II	55.0	13.9	5.0	1.3
	F-530	D619	Heater	57	19.2	74.3	5.0	1.3	18.0	4.7	Not Eligible, Red > 10 TPY	Table 1	5.0	1.3	No	Yes			Phase I	60.0	15.5	60.0	15.5
	F-1000	D504	Heater	77	18.1	83.9	5.0	1.1	18.0	3.9	Not Eligible, Red > 10 TPY	Table 1	5.0	1.1	No	Yes			Phase II	83.9	18.1	5.0	1.1
	F-520	D618	Heater	57	17.5	82.8	5.0	1.1	18.0	3.8	Not Eligible, Red > 10 TPY	Table 1	5.0	1.1	No	Yes			Phase I	60.0	12.7	60.0	12.7
	F-540	D620	Heater	57	17.1	74.3	5.0	1.2	18.0	4.1	Not Eligible, Red > 10 TPY	Table 1	5.0	1.2	No	Yes			Phase I	60.0	13.8	60.0	13.8
D82,D83,D84	F-1100A	D82	Heater	315	6.3	7.9	5.0	4.0	22.0	17.5	Table D-1 Eligible	Table 2	22.0	17.5	No	Yes			Phase II	7.9	6.3	10.0	8.0
D83,D83,D84	F-1100B	D83	Heater	315	6.9	7.9	5.0	4.4	22.0	19.2	Table D-1 Eligible	Table 2	22.0	19.2	No	Yes			Phase II	7.9	6.9	10.0	8.7
D84,D83,D84	F-1160	D84	Heater	219	5.4	7.9	5.0	3.4	22.0	15.0	Table D-1 Eligible	Table 2	22.0	15.0	No	Yes			Phase II	7.9	5.4	10.0	6.8
D159,D160, D161	F-501A	D159	Heater	176	14.9	10.4	5.0	7.2	22.0	31.5	Not Eligible, Red > 20 TPY	Table 1	5.0	7.2	No	Yes			Phase II	10.4	14.9	5.0	7.2
D159,D160, D161	F-501B	D160	Heater	176	16.5	10.4	5.0	7.9	22.0	34.9	Not Eligible, Red > 20 TPY	Table 1	5.0	7.9	No	Yes			Phase II	10.4	16.5	5.0	7.9
D159,D160, D161	F-501C	D161	Heater	176	17.1	10.4	5.0	8.2	22.0	36.2	Not Eligible, Red > 20 TPY	Table 1	5.0	8.2	No	Yes			Phase II	10.4	17.1	5.0	8.2
D466,D467	F-1510	D466	Heater	62	3.4	7.8	5.0	2.2	18.0	7.8	Table D-1 Eligible	Table 2	18.0	7.8	No	Yes			Phase II	7.8	3.4	18.0	7.8
D466,D467	F-1520	D467	Heater	62	3.6	7.8	5.0	2.3	18.0	8.3	Table D-1 Eligible	Table 2	18.0	8.3	No	Yes			Phase II	7.8	3.6	18.0	8.3
D453,D43,D44	F-1660	D453	Heater	44	3.5	21.3	5.0	0.8	18.0	3.0	Eligible	Table 1	5.0	0.8	No	Yes			Phase II	21.3	3.5	45.0	7.4
D3778,D33,D34	F-4531	D3778	Heater	78	0.6	1.3	5.0	2.3	18.0	8.3	Not Eligible, Meets Table 1 Limit	Table 1	5.0	2.3	No	Yes			Phase II	1.3	0.6	5.0	2.3
D3695,D33,D34	F-201A	D3695	Heater	83	0.8	1.9	5.0	2.1	18.0	7.6	Not Eligible, Meets Table 1 Limit	Table 1	5.0	2.1	No	Yes			Phase II	1.9	0.8	5.0	2.1
D3031,D471,D472,D473	F-420	D3031	Heater	199	1	1.7	5.0	2.9	22.0	12.9	Not Eligible, Meets Table 1 Limit	Table 1	5.0	2.9	No	Yes			Phase II	1.7	1.0	5.0	2.9
D3031,D471,D472,D473	F-410	D471	Heater	177	0.8	1.7	5.0	2.4	22.0	10.4	Not Eligible, Meets Table 1 Limit	Table 1	5.0	2.4	No	Yes			Phase II	1.7	0.8	5.0	2.4
D3031,D471,D472,D473	F-430	D472	Heater	123	0.7	1.7	5.0	2.1	22.0	9.1	Not Eligible, Meets Table 1 Limit	Table 1	5.0	2.1	No	Yes			Phase II	1.7	0.7	5.0	2.1
D3031,D471,D472,D473	F-440	D473	Heater	88	0.4	1.7	5.0	1.2	22.0	5.2	Not Eligible, Meets Table 1 Limit	Table 1	5.0	1.2	No	Yes			Phase II	1.7	0.4	5.0	1.2
D3530,D33,D34	F-1330	D3530	SMR Heater	653	9.1	1.5	5.0	30.3	7.5	45.5	Not Eligible, Meets Table 1 Limit	Table 1	5.0	30.3	No	Yes			Phase II	1.5	9.1	4.0	24.3
D1910,D13,D14	F-110	D1910*	Heater	37		38	9.0	N/A	N/A	N/A	No Table 2 Limit	Table 1	9.0		No	No			N/A				
D398,D33,D34	F-130	D398*	Heater	19		38	9.0	N/A	N/A	N/A	No Table 2 Limit	Table 1	9.0		No	No			N/A				
D428,D43,D44	F-302	D428*	Heater	36		41.7	9.0	N/A	N/A	N/A	No Table 2 Limit	Table 1	9.0		No	No			N/A				
D364,D33,D34	F-1210	D364*	Heater	26		18.1	9.0	N/A	N/A	N/A	No Table 2 Limit	Table 1	9.0		No	No			N/A				
D390,D33,D34	F-4532	D390*	Heater	31		28.3	9.0	N/A	N/A	N/A	No Table 2 Limit	Table 1	9.0		No	No			N/A				
D4354,D4355	Cogen D	D4354	Gas Turbine	509	9.1	1.1	2.0	16.5	2.5	20.7	Not Eligible, Meets Table 1 Limit	Table 1	2.0	16.5	No	Yes			Phase I	1.1	9.1	2.0	16.5
D4354,D4355	Cogen D DB	D4355	Duct Burner	132																			
D2207,D2208	Cogen B	D2207	Gas Turbine	560	40.2	4.4	3.0	27.4	N/A	N/A	No Table 2 Limit	Table 1	3.0	27.4	No	Yes			Phase I	2.0	18.3	2.0	18.3
D2207,D2208	Cogen B DB	D2208	Duct Burner	119.7																			
D2198,D2199	Cogen A	D2198	Gas Turbine	560	41.5	8.3	3.0	15.0	N/A	N/A	No Table 2 Limit	Table 1	3.0	15.0	No	Yes			Phase I	2.0	10.0	2.0	10.0
D2198,D2199	Cogen A DB	D2199	Duct Burner	119.7																			
D3053,D3054	Cogen C	D3053	Gas Turbine	506	49	6.4	3.0	23.0	N/A	N/A	No Table 2 Limit	Table 1	3.0	23.0	No	Yes			Phase I	2.0	15.3	2.0	15.3
D3053,D3054	Cogen C DB	D3054	Duct Burner	120																			
D911,D913	SRU 10	D911*	SRU/TGI	30		43.4	30.0	N/A	N/A	N/A	No Table 2 Limit	Table 1	30.0		Yes	No			N/A				
D911,D913	SRU 10	D913*	Stack Heater	25																			
D955,D957	SRU 70	D955	SRU/TGI	58	22.4	58.3	30.0	11.5	N/A	N/A	No Table 2 Limit	Table 1	30.0	11.5	No	Yes			Phase II	58.3	22.4	30.0	11.5
D955,D957	SRU 70	D957	Stack Heater	41																			
D927,D929	SRU 20	D927	SRU/TGI	30	15.7	53	30.0	8.9	N/A	N/A	No Table 2 Limit	Table 1	30.0	8.9	No	Yes			Phase II	53.0	15.7	30.0	8.9
D927,D929	SRU 20	D929	Stack Heater	25																			
	SRU 73	C4344	SRU/TGI	50	2.9	4.2	30.0	20.7	N/A	N/A	No Table 2 Limit	Table 1	30.0	20.7	No	Yes			Phase II	4.2	2.9	20.0	13.8
		C3148*	Vapor Incinerator	1		80.1	30.0	N/A	40.0	N/A	Exempt, paragraph (o)(9)	Table 1	30.0		No	No			N/A				
		C3805*	Vapor Incinerator	2		-	30.0	N/A	40.0	N/A	Exempt, paragraph (o)(9)	Table 1	30.0		No	No			N/A				
	F-707	C2158	Vapor Incinerator	3	3.1	86.3	30.0	1.1	40.0	1.4	Possibly Eligible	Table 1	30.0	1.1	No	Yes			Phase II	86.3	3.1	150.0	5.4
	F-807	C3493	Vapor Incinerator	3	3.7	45.1	30.0	2.5	40.0	3.3	Possibly Eligible	Table 1	30.0	2.5	No	Yes			Phase II	45.1	3.7	100.0	8.2
		C3806*	Vapor Incinerator	2		28.3	30.0	N/A	40.0	N/A	Exempt, paragraph (o)(9)	Table 1	30.0		No	No			N/A				
Baseline Facilitiy Emissions for B-Plan					**669**						**Facility Final Phase Target for B-Plan**			**369.0**							**473.6**		**368.6**
																			Facility BARCT Emission Target	**Phase I Target**	**474.0**	**Phase II Target**	**369.0**

***Unit not included in plan**

Eligibility Demonstration*		
Combined Rated Heat Input for Boilers and Heaters (>40 MMBtu/hr)	Total 2021 NOx Emissions (lbs per hour)	Facilty Emission Rate (lb/MMBtu)
4,040	60.77	0.0150

***Pursuant to subparagraph (h)(2)(E), I-Plan Option 2 requires the facility to demonstrate that the facilty total emission rate for the year 2021 to be less than 0.02 lb/MMBtu**

Total Facility NOx Emission Reductions (tons per year)	Phase I Percent Reduction Target	Phase II Percent Reduction Target
300.1	65	100
Permit Application Submittal Date	July 1, 2024	January 1, 2030

Revision Date: January 2023