Mail Application To:		**For Department use only:**
New Mexico Environment Department Air Quality Bureau Permits Section 525 Camino de los Marquez, Suite 1 Santa Fe, New Mexico, 87505 Phone: (505) 476-4300 Fax: (505) 476-4375 www.env.nm.gov/aqb		AIRS No.:

Universal Air Quality Permit Application

Use this application for NOI, NSR, or Title V sources.

Use this application for: the initial application, modifications, technical revisions, and renewals. For technical revisions, complete Sections, 1-A, 1-B, 2-E, 3, 9 and any other sections that are relevant to the requested action; coordination with the Air Quality Bureau permit staff prior to submittal is encouraged to clarify submittal requirements and to determine if more or less than these sections of the application are needed. Use this application for streamline permits as well. See Section 1-I for submittal instructions for other permits.

This application is submitted as (check all that apply)**:** ☐ Request for a No Permit Required Determination (no fee)
☒ **Updating** an application currently under NMED review. Include this page and all pages that are being updated (no fee required).
Construction Status: ☐ Not Constructed ☒ Existing Permitted (or NOI) Facility ☐ Existing Non-permitted (or NOI) Facility
Minor Source: ☐ a NOI 20.2.73 NMAC ☐ 20.2.72 NMAC application or revision ☐ 20.2.72.300 NMAC Streamline application
Title V Source: ☐ Title V (new) ☒ Title V renewal ☐ TV minor mod. ☐ TV significant mod. TV Acid Rain: ☐ New ☐ Renewal
PSD Major Source: ☐ PSD major source (new) ☐ minor modification to a PSD source ☐ a PSD major modification

Acknowledgements:

☒ I acknowledge that a pre-application meeting is available to me upon request. ☐ Title V Operating, Title IV Acid Rain, and NPR applications have no fees.

☐ $500 NSR application Filing Fee enclosed OR ☐ The full permit fee associated with 10 fee points (required w/ streamline applications).

☐ Check No.: in the amount of

☒ I acknowledge the required submittal format for the hard copy application is printed double sided 'head-to-toe', 2-hole punched (except the Sect. 2 landscape tables is printed 'head-to-head'), numbered tab separators. Incl. a copy of the check on a separate page.

☐ This facility qualifies to receive assistance from the Small Business Environmental Assistance program (SBEAP) and qualifies for 50% of the normal application and permit fees. Enclosed is a check for 50% of the normal application fee which will be verified with the Small Business Certification Form for your company.

☐ This facility qualifies to receive assistance from the Small Business Environmental Assistance Program (SBEAP) but does not qualify for 50% of the normal application and permit fees. To see if you qualify for SBEAP assistance and for the small business certification form go to https://www.env.nm.gov/aqb/sbap/small_business_criteria.html).

Citation: Please provide the **low level citation** under which this application is being submitted: **20.2.70.300.B(2) NMAC**
(e.g. application for a new minor source would be 20.2.72.200.A NMAC, one example for a Technical Permit Revision is 20.2.72.219.B.1.b NMAC, a Title V acid rain application would be: 20.2.70.200.C NMAC)

Section 1 – Facility Information

Section 1-A: Company Information

			AI # if known (see 1st 3 to 5 #s of permit IDEA ID No.): **34542**	Updating Permit/NOI #: **Application P274-R1**
1	Facility Name: Rincon Compressor Station		Plant primary SIC Code (4 digits): 1389	
			Plant NAIC code (6 digits): 213112	
a	Facility Street Address (If no facility street address, provide directions from a prominent landmark): See Section 1-D.4.			
2	Plant Operator Company Name:	Harvest Four Corners, LLC	Phone/Fax: 505-632-4600 / 505-632-4782	
a	Plant Operator Address:	1755 Arroyo Drive, Bloomfield, NM 87413		

Section 1-F: Other Facility Information

1	Are there any current Notice of Violations (NOV), compliance orders, or any other compliance or enforcement issues related to this facility? ☐ Yes ☒ No If yes, specify:		
a	If yes, NOV date or description of issue: N/A		NOV Tracking No: N/A
b	Is this application in response to any issue listed in 1-F, 1 or 1a above? ☐ Yes ☒ No If Yes, provide the 1c & 1d info below:		
c	Document Title: N/A	Date: N/A	Requirement # (or page # and paragraph #): N/A
d	Provide the required text to be inserted in this permit: N/A		
2	Is air quality dispersion modeling or modeling waiver being submitted with this application? ☐ Yes ☒ No		
3	Does this facility require an "Air Toxics" permit under 20.2.72.400 NMAC & 20.2.72.502, Tables A and/or B? ☐ Yes ☒ No		
4	Will this facility be a source of federal Hazardous Air Pollutants (HAP)? ☒ Yes ☐ No		
a	If Yes, what type of source? ☐ **Major** (☐ ≥10 tpy of any single HAP **OR** ☐ ≥25 tpy of any combination of HAPS) **OR** ☒ **Minor** (☒ <10 tpy of any single HAP **AND** ☒ <25 tpy of any combination of HAPS)		
5	Is any unit exempt under 20.2.72.202.B.3 NMAC? ☐ Yes ☒ No		
a	If yes, include the name of company providing commercial electric power to the facility: Not applicable. Commercial power is purchased from a commercial utility company, which specifically does not include power generated on site for the sole purpose of the user.		

Section 1-G: Streamline Application

(This section applies to 20.2.72.300 NMAC Streamline applications only)

1	☐ I have filled out Section 18, "Addendum for Streamline Applications." ☒ N/A (This is not a Streamline application.)

Section 1-H: Current Title V Information - Required for all applications from TV Sources

(Title V-source required information for all applications submitted pursuant to 20.2.72 NMAC (Minor Construction Permits), or 20.2.74/20.2.79 NMAC (Major PSD/NNSR applications), and/or 20.2.70 NMAC (Title V))

1	Responsible Official (R.O.) (20.2.70.300.D.2 NMAC): Travis Jones		Phone: 713-289-2630
a	R.O. Title: EH&S Manager	R.O. e-mail: trjones@harvestmidstream.com	
b	R. O. Address: 1111 Travis Street, Houston, TX 77002		
2	Alternate Responsible Official (20.2.70.300.D.2 NMAC): TBD		Phone: TBD
a	A. R.O. Title: TBD	A. R.O. e-mail: TBD	
b	A. R. O. Address: TBD		
3	Company's Corporate or Partnership Relationship to any other Air Quality Permittee (List the names of any companies that have operating (20.2.70 NMAC) permits and with whom the applicant for this permit has a corporate or partnership relationship): N/A		
4	Name of Parent Company ("Parent Company" means the primary name of the organization that owns the company to be permitted wholly or in part.): Harvest Midstream		
a	Address of Parent Company: 1111 Travis Street, Houston, TX 77002		
5	Names of Subsidiary Companies ("Subsidiary Companies" means organizations, branches, divisions or subsidiaries, which are owned, wholly or in part, by the company to be permitted.): N/A		
6	Telephone numbers & names of the owners' agents and site contacts familiar with plant operations: N/A		
7	Affected Programs to include Other States, local air pollution control programs (i.e. Bernalillo) and Indian tribes: Will the property on which the facility is proposed to be constructed or operated be closer than 80 km (50 miles) from other states, local pollution control programs, and Indian tribes and pueblos (20.2.70.402.A.2 and 20.2.70.7.B)? If yes, state which ones and provide the distances in kilometers: Yes: Navajo Tribe (checkerboard), ~2.5 km; Jicarilla Apache Tribe, ~11.3 km		

Table 2-A: Regulated Emission Sources

Unit and stack numbering must correspond throughout the application package. If applying for a NOI under 20.2.73 NMAC, equipment exemptions under 2.72.202 NMAC do not apply.

Unit Number[1]	Source Description	Make	Model #	Serial #	Manufact-urer's Rated Capacity[3] (Specify Units)	Requested Permitted Capacity[3] (Specify Units)	Date of Manufacture[2] Date of Construction/ Reconstruction[2]	Controlled by Unit # Emissions vented to Stack #	Source Classi-fication Code (SCC)	For Each Piece of Equipment, Check One	RICE Ignition Type (CI, SI, 4SLB, 4SRB, 2SLB)[4]	Replacing Unit No.
1[5]	Reciprocating Internal Compressor Engine	Waukesha	7042GL	C-13155/1 (pkg. X00066)	1,480 hp	1,344 hp	9/15/2000 9/15/2000	N/A 1	20200202	X Existing (unchanged) ☐ To be Removed ☐ New/Additional ☐ Replacement Unit ☐ To Be Modified ☐ To be Replaced	4SLB	N/A
2	Reciprocating Internal Compressor Engine	Waukesha	7042GL	C-12248/4 (pkg. 76858)	1,480 hp	1,344 hp	2/24/1997 2/24/1997	N/A 2	20200202	X Existing (unchanged) ☐ To be Removed ☐ New/Additional ☐ Replacement Unit ☐ To Be Modified ☐ To be Replaced	4SLB	N/A
3	Reciprocating Internal Compressor Engine	Waukesha	7042GL	C-11887/1 (pkg. X00113)	1,480 hp	1,344 hp	12/13/1995 12/13/1995	N/A 3	20200202	X Existing (unchanged) ☐ To be Removed ☐ New/Additional ☐ Replacement Unit ☐ To Be Modified ☐ To be Replaced	4SLB	N/A
4	Reciprocating Internal Compressor Engine	Waukesha	7042GL	C-11541/1 (pkg. 76289)	1,480 hp	1,344 hp	4/17/1995 4/17/1995	N/A 4	20200202	X Existing (unchanged) ☐ To be Removed ☐ New/Additional ☐ Replacement Unit ☐ To Be Modified ☐ To be Replaced	4SLB	N/A
SSM	Compressors & Associated Piping (SSM)	N/A	N/A	N/A	N/A	N/A	N/A N/A	N/A N/A	31000299	X Existing (unchanged) ☐ To be Removed ☐ New/Additional ☐ Replacement Unit ☐ To Be Modified ☐ To be Replaced	N/A	N/A
T1	Condensate Storage Tank	TBD	N/A	N/A	400 bbl	400 bbl	1/19/1983 1/19/1983	N/A T1	40400311-12	X Existing (unchanged) ☐ To be Removed ☐ New/Additional ☐ Replacement Unit ☐ To Be Modified ☐ To be Replaced	N/A	N/A
T12	Stabilized Condensate Overflow Storage Tank	TBD	N/A	N/A	400 bbl	400 bbl	1/19/1983 1/19/1983	N/A T1	40400311-12	☐ Existing (unchanged) ☐ To be Removed X New/Additional ☐ Replacement Unit ☐ To Be Modified ☐ To be Replaced	N/A	N/A
F1	Fugitive Emissions	N/A	N/A	N/A	N/A	N/A	N/A N/A	N/A N/A	31088811	X Existing (unchanged) ☐ To be Removed ☐ New/Additional ☐ Replacement Unit ☐ To Be Modified ☐ To be Replaced	N/A	N/A
M1	Malfunctions	N/A	N/A	N/A	N/A	N/A	N/A N/A	N/A N/A	N/A	X Existing (unchanged) ☐ To be Removed ☐ New/Additional ☐ Replacement Unit ☐ To Be Modified ☐ To be Replaced	N/A	N/A
										☐ Existing (unchanged) ☐ To be Removed ☐ New/Additional ☐ Replacement Unit ☐ To Be Modified ☐ To be Replaced		
										☐ Existing (unchanged) ☐ To be Removed ☐ New/Additional ☐ Replacement Unit ☐ To Be Modified ☐ To be Replaced		
										☐ Existing (unchanged) ☐ To be Removed ☐ New/Additional ☐ Replacement Unit ☐ To Be Modified ☐ To be Replaced		
										☐ Existing (unchanged) ☐ To be Removed ☐ New/Additional ☐ Replacement Unit ☐ To Be Modified ☐ To be Replaced		
										☐ Existing (unchanged) ☐ To be Removed ☐ New/Additional ☐ Replacement Unit ☐ To Be Modified ☐ To be Replaced		

[1] Unit numbers must correspond to unit numbers in the previous permit unless a complete cross reference table of all units in both permits is provided.

[2] Specify dates required to determine regulatory applicability.

[3] To properly account for power conversion efficiencies, generator set rated capacity shall be reported as the rated capacity of the engine in horsepower, not the kilowatt capacity of the generator set.

[4] "4SLB" means four stroke lean burn engine, "4SRB" means four stroke rich burn engine, "2SLB" means two stroke lean burn engine, "CI" means compression ignition, and "SI" means spark ignition

[5] The previously-reported Unit 1 RICE serial number contained a typographical error (containing an extra "1"). The error is corrected in this table.

Table 2-E: Requested Allowable Emissions

Unit & stack numbering must be consistent throughout the application package. Fill all cells in this table with the emission numbers or a "-" symbol. A "-" symbol indicates that emissions of this pollutant are not expected. Numbers shall be expressed to at least 2 decimal points (e.g. 0.41, 1.41, or $1.41E^{-4}$).

Unit No.	NOx		CO		VOC		SOx		PM[1]		PM10[1]		PM2.5[1]		H_2S		Lead	
	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr
1	4.44	19.46	7.85	34.38	2.96	12.97	6.4E-03	2.8E-02	0.11	0.48	0.11	0.48	0.11	0.48	-	-	-	-
2	4.44	19.46	7.85	34.38	2.96	12.97	6.4E-03	2.8E-02	0.11	0.48	0.11	0.48	0.11	0.48	-	-	-	-
3	4.44	19.46	7.85	34.38	2.96	12.97	6.4E-03	2.8E-02	0.11	0.48	0.11	0.48	0.11	0.48	-	-	-	-
4	4.44	19.46	7.85	34.38	2.96	12.97	6.4E-03	2.8E-02	0.11	0.48	0.11	0.48	0.11	0.48	-	-	-	-
SSM	-	-	-	-	not specified	47.51	-	-	-	-	-	-	-	-	-	-	-	-
T1[2]	-	-	-	-	not specified	117.20	-	-	-	-	-	-	-	-	-	-	-	-
T12	-	-	-	-	not specified	1.63	-	-	-	-	-	-	-	-	-	-	-	-
F1	-	-	-	-	2.11	9.23	-	-	-	-	-	-	-	-	-	-	-	-
M1	-	-	-	-	not specified	10.00	-	-	-	-	-	-	-	-	-	-	-	-
Totals	17.77	77.85	31.40	137.53	13.96	237.47	0.03	0.11	0.44	1.91	0.44	1.91	0.44	1.91	-	-	-	-

[1] **Condensable Particulate Matter:** Include condensable particulate matter emissions for PM10 and PM2.5 if the source is a combustion source. Do not include condensable particulate matter for PM unless PM is set equal to PM10 and PM2.5. Particulate matter (PM) is not subject to an ambient air quality standard, but it is a regulated air pollutant under PSD (20.2.74 NMAC) and Title V (20.2.70 NMAC).

[2] The Requested Allowable Emissions for T1 includes currently permitted T1 and T1 flash emissions aggregated under one emission unit. **No changes to the existing aggregated permitted emission rates are proposed.** Any emission calculations presented in section 6 that are lower than the above emission rates demonstrate compliance with the current permit limits.

Table 2-I: Stack Exit and Fugitive Emission Rates for HAPs and TAPs

In the table below, report the Potential to Emit for each HAP from each regulated emission unit listed in Table 2-A, only if the entire facility emits the HAP at a rate greater than or equal to one (1) ton per year For each such emission unit, HAPs shall be reported to the nearest 0.1 tpy. Each facility-wide Individual HAP total and the facility-wide Total HAPs shall be the sum of all HAP sources calculated to the nearest 0.1 ton per year. Per 20.2.72.403.A.1 NMAC, facilities not exempt [see 20.2.72.402.C NMAC] from TAP permitting shall report each TAP that has an uncontrolled emission rate in excess of its pounds per hour screening level specified in 20.2.72.502 NMAC. TAPs shall be reported using one more significant figure than the number of significant figures shown in the pound per hour threshold corresponding to the substance. Use the HAP nomenclature as it appears in Section 112 (b) of the 1990 CAAA and the TAP nomenclature as it listed in 20.2.72.502 NMAC. Include tank-flashing emissions estimates of HAPs in this table. For each HAP or TAP listed, fill all cells in this table with the emission numbers or a "-" symbol. A "-" symbol indicates that emissions of this pollutant are not expected or the pollutant is emitted in a quantity less than the threshold amounts described above.

Stack No.	Unit No.(s)	Total HAPs		Formaldehyde X HAP or ☐ TAP		n-Hexanee X HAP or ☐ TAP		Provide Pollutant Name Here ☐ HAP or ☐ TAP		Provide Pollutant Name Here ☐ HAP or ☐ TAP		Provide Pollutant Name Here ☐ HAP or ☐ TAP		Provide Pollutant Name Here ☐ HAP or ☐ TAP		Provide Pollutant Name Here ☐ HAP or ☐ TAP		Provide Pollutant Name Here ☐ HAP or ☐ TAP	
		lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr
1	1	0.5	2.3	0.5	2.2	-	-												
2	2	0.5	2.3	0.5	2.2	-	-												
3	3	0.5	2.3	0.5	2.2	-	-												
4	4	0.5	2.3	0.5	2.2	-	-												
SSM	SSM	-	0.7	-	-	-	0.6												
T1	T1	-	1.7	-	-	-	1.5												
T12	T12	-	0.2	-	-	-	0.2												
F1	F1	-	0.1	-	-	-	0.1												
M1	M1	-	0.2	-	-	-	-												
Totals:		7.2	12.3	2.0	8.7	2.7	2.5												

Table 2-K: Liquid Data for Tanks Listed in Table 2-L

For each tank, list the liquid(s) to be stored in each tank. If it is expected that a tank may store a variety of hydrocarbon liquids, enter "mixed hydrocarbons" in the Composition column for that tank and enter the corresponding data of the most volatile liquid to be stored in the tank. If tank is to be used for storage of different materials, list all the materials in the "All Calculations" attachment, run the newest version of TANKS on each, and use the material with the highest emission rate to determine maximum uncontrolled and requested allowable emissions rate. The permit will specify the most volatile category of liquids that may be stored in each tank. Include appropriate tank-flashing modeling input data. Use additional sheets if necessary. Unit and stack numbering must correspond throughout the application package.

Tank No.	SCC Code	Material Name	Composition	Liquid Density (lb/gal)	Vapor Molecular Weight (lb/lb*mol)	Average Storage Conditions		Max Storage Conditions	
						Temperature (°F)	True Vapor Pressure (psia)	Temperature (°F)	True Vapor Pressure (psia)
T1	40400315	Condensate	Mixed hydrocarbons	6.09	72.0796	67.36	2.9146	80.79	3.8442
T2	40400315	Produced Water	Produced water w/trace of hydrocarbons	Insignificant source					
T3	40400313	Waste Water	Waste water w/trace of hydrocarbons	Insignificant source					
T4	40400313	Lube Oil	Lubrication oil	Insignificant source					
T6	40400313	Lube Oil	Lubrication oil	Insignificant source					
T8	40400313	Lube Oil	Lubrication oil	Insignificant source					
T10	40400313	Lube Oil	Lubrication oil	Insignificant source					
T5	40400313	Used Lube Oil	Used lubrication oil	Insignificant source					
T7	40400313	Used Lube Oil	Used lubrication oil	Insignificant source					
T9	40400313	Used Lube Oil	Used lubrication oil	Insignificant source					
T11	40400313	Used Lube Oil	Used lubrication oil	Insignificant source					
T12	40400315	Condensate	Mixed hydrocarbons	6.09	72.0796	67.36	2.9146	80.79	3.8442

Table 2-L: Tank Data

Include appropriate tank-flashing modeling input data. Use an addendum to this table for unlisted data categories. Unit and stack numbering must correspond throughout the application package. Use additional sheets if necessary. See reference Table 2-L2. Note: 1.00 bbl = 10.159 M3 = 42.0 gal

Tank No.	Date Installed	Materials Stored	Seal Type (refer to Table 2-LR below)	Roof Type (refer to Table 2-LR below)	Capacity		Diameter (M)	Vapor Space (M)	Color (from Table VI-C)		Paint Condition (from Table VI-C)	Annual Throughput (gal/yr)	Turn-overs (per year)
					(bbl)	(M^3)			Roof	Shell			
T1		Hydrocarbon Liquids	N/A	FX	400	63.6	3.66	3.09	OT- Juniper green	OT- Juniper green	Good	314,897	18.74
T2		Produced Water	N/A	FX	95	15.1	Insignificant source						
T3		Waste Water	N/A	FX	45	7.2	Insignificant source						
T4		Lube Oil	N/A	FX	12	1.9	Insignificant source						
T6		Lube Oil	N/A	FX	11.9	1.9	Insignificant source						
T8		Lube Oil	N/A	FX	11.9	1.9	Insignificant source						
T10		Lube Oil	N/A	FX	12	1.9	Insignificant source						
T5		Used Lube Oil	N/A	FX	12	1.9	Insignificant source						
T7		Used Lube Oil	N/A	FX	12	1.9	Insignificant source						
T9		Used Lube Oil	N/A	FX	12	1.9	Insignificant source						
T11		Used Lube Oil	N/A	FX	11.9	1.9	Insignificant source						
T12		Hydrocarbons	N/A	FX	400	63.6	3.66	3.09	OT- Juniper green	OT- Juniper green	Good	314,874	18.7

Table 2-P: Green House Gas Emissions

Applications submitted under 20.2.70, 20.2.72, & 20.2.74 NMAC are required to complete this Table. Power plants, Title V major sources, and PSD major sources must report and calculate all GHG emissions for each unit. Applicants must report potential emission rates in short tons per year (see Section 6.a for assistance). Include GHG emissions during Startup, Shutdown, and Scheduled Maintenance in this table. For minor source facilities that are not power plants, are not Title V, or are not PSD, there are three options for reporting GHGs 1) report GHGs for each individual piece of equipment; 2) report all GHGs from a group of unit types, for example report all combustion source GHGs as a single unit and all venting GHG as a second separate unit; OR 3) check the following box:
☐ By checking this box, the applicant acknowledges the total CO2e emissions are less than 75,000 tons per year.

Unit No.		CO_2 ton/yr	N_2O ton/yr	CH_4 ton/yr	SF_6 ton/yr	PFC/HFC ton/yr[2]					Total GHG Mass Basis ton/yr[4]	Total CO_2e ton/yr[5]
Unit No.	**GWPs [1]**	**1**	**298**	**25**	**22,800**	**footnote 3**						
1	**mass GHG**	6,010.5	0.0113	0.1133							6010.6	-
	CO_2e	6,010.5	3.4	2.8							-	6016.66
2	**mass GHG**	6,010.5	0.0113	0.1133							6010.6	-
	CO_2e	6,010.5	3.4	2.8							-	6016.7
3	**mass GHG**	6,010.5	0.0113	0.1133							6010.6	-
	CO_2e	6,010.5	3.4	2.8							-	6016.66
4	**mass GHG**	6,010.5	0.0113	0.1133							6010.58	-
	CO_2e	6,010.5	3.4	2.8							-	6016.7
SSM	**mass GHG**	1.0	-	69.6937							70.73	-
	CO_2e	1.0	-	1,742.3							-	1743.4
T1, T12	**mass GHG**	0.0	-	9.0							9.1	-
	CO_2e	0.0	-	225.6							-	225.6
F1	**mass GHG**	0.1	-	9.13							9.3	-
	CO_2e	0.1	-	228.3							-	228.4
M1	**mass GHG**	0.2	-	14.7204							14.9	-
	CO2e	0.2	-	368.0							-	368.2
Misc Insig Tanks	**mass GHG**	0.0	-	0.00							0.0	-
	CO_2e	0.0	-	0.0							-	0.0
L1	**mass GHG**	0.0	-	0.0000							0.0	-
	CO2e	0.0	-	0.0							-	0.0
L2	**mass GHG**	0.0	-	0.0							0.0	-
	CO_2e	0.0	-	0.0							-	0.0
Recip Comp Venting	**mass GHG**	2.7	-	1.83E+02							185.6	-
	CO2e	2.7	-	4.57E+03							-	4573.7

Unit No.		CO_2 ton/yr	N_2O ton/yr	CH_4 ton/yr	SF_6 ton/yr	PFC/HFC ton/yr[2]					Total GHG Mass Basis ton/yr[4]	Total CO_2e ton/yr[5]
Unit No.	**GWPs [1]**	**1**	**298**	**25**	**22,800**	**footnote 3**						
Pneum Dev Venting	**mass GHG**	0.7	-	48.9							49.7	-
	CO2e	0.7	-	1,223.2							-	1224.0
Pneum Pump Venting	**mass GHG**	0.0	-	1.7							1.8	-
	CO2e	0.0	-	43.2							-	43.3
	mass GHG										0.0	-
	CO2e										-	0.0
	mass GHG										0.0	-
	CO2e										-	0.0
	mass GHG										0.0	-
	CO2e										-	0.0
	mass GHG										0.0	-
	CO2e										-	0.0
	mass GHG										0.0	-
	CO2e										-	0.0
Total[6]	**mass GHG**	24,046.7	0.0	336.5							24,383.29	-
	CO_2e	24,046.7	13.5	8,413.0							-	32,473.19

[1] **GWP** (Global Warming Potential): Applicants must use the most current GWPs codified in Table A-1 of 40 CFR part 98. GWPs are subject to change, therefore, applicants need to check 40 CFR 98 to confirm GWP values.

[2] For **HFCs** or **PFCs** describe the specific HFC or PFC compound and use a separate column for each individual compound.

[3] For each new compound, enter the appropriate GWP for each HFC or PFC compound from Table A-1 in 40 CFR 98.

[4] Green house gas emissions on a **mass basis** is the ton per year green house gas emission before adjustment with its GWP.

[5] **CO_2e** means Carbon Dioxide Equivalent and is calculated by multiplying the TPY mass emissions of the green house gas by its GWP.

Section 3

Application Summary

The **Application Summary** shall include a brief description of the facility and its process, the type of permit application, the applicable regulation (i.e. 20.2.72.200.A.X, or 20.2.73 NMAC) under which the application is being submitted, and any air quality permit numbers associated with this site. If this facility is to be collocated with another facility, provide details of the other facility including permit number(s). In case of a revision or modification to a facility, provide the lowest level regulatory citation (i.e. 20.2.72.219.B.1.d NMAC) under which the revision or modification is being requested. Also describe the proposed changes from the original permit, how the proposed modification will affect the facility's operations and emissions, de-bottlenecking impacts, and changes to the facility's major/minor status (both PSD & Title V).

The **Process Summary** shall include a brief description of the facility and its processes.

Startup, Shutdown, and Maintenance (SSM) routine or predictable emissions: Provide an overview of how SSM emissions are accounted for in this application. Refer to "Guidance for Submittal of Startup, Shutdown, Maintenance Emissions in Permit Applications (http://www.env.nm.gov/aqb/permit/app_form.html) for more detailed instructions on SSM emissions.

Application Summary

The Harvest Four Corners, LLC (Harvest) Rincon Compressor Station (Rincon) currently operates under construction permit 5950-M1 (issued August 7, 2015) as revised through 5950-M1-R4, issued July 29, 2022; and Title V operating permit P274, dated May 31, 2018, as revised through P274-M1 (for facility ownership change).

This application is being submitted under 20.2.70.300.B(2) of the New Mexico Administrative Code (NMAC) to renew the Title V operating permit. As required by the regulation, this renewal application is being submitted at least 12 months prior to the expiration date of the current Title V Operating Permit.

A list of the equipment currently approved for use at the facility under the Title V Operating permit can be found in Tables 2-A and 2-B of Section 2 of this application. There are no proposed changes to the current permit.

Process Description

Rincon is a production gathering field compressor station that pressurizes and dehydrates natural gas for transport through natural gas pipelines. The facility is authorized to operate continuously.

Startup, Shutdown and Maintenance Emissions (SSM)

Except for facility compressor and piping blowdown events identified in tables 2-E and 2-F in application Section 2, there are no SSM emissions in excess of those identified for steady-state operation. Discussions justifying this conclusion are provided in Section 6. The only SSM emissions are of volatile organic compounds (VOC).

No modifications are being made to the SSM emissions. Permitted VOC emissions are carried forward and not revised.

Storage Tanks

VMG Symmetry was used to calculate flash emissions from the T1 condensate storage tank using the currently permitted condensate (post-flash) throughput of 7,497 barrels per year. Note that the Symmetry model run also includes flash gas emissions from the slug receiver inlet separator. Emissions from the condensate storage tank T1 and the stabilized condensate overflow tank T12 were calculated using TANKS 4.0.9d for working-breathing losses. (Note the tanks are not manifolded.)

VOC and HAP emissions from the produced water tank was calculated using the maximum throughput and emission factors from the Colorado Department of Public Health and Environment (CDPHE) and the Texas Commission on Environmental Quality (TCEQ). As the VOC emission rate from the produced water storage tank is less than 0.5 tpy, the produced water storage tank is an NSR exempt source in accordance with 20.2.72.202.B(5) NMAC, and an insignificant source under the Title V Insignificant Activity list, Item #1.

Where needed, working/breathing losses for the remaining tanks were calculated using TANKS 4.0.d.9.

The following assumptions were made:

- Residual oil #6 was used as an estimate for lubrication oil. As the vapor pressure of residual oil #6 is less than 0.2 psia, the tanks containing lubrication oil are NSR exempt sources under 20.2.72.202.B(2) NMAC, and insignificant sources under Title V Insignificant Activity list, Item #5; and

- The wastewater storage tank liquid composition is assumed to be 99% water and 1% residual oil. As the vapor pressure of residual oil is less than 0.2 psia, the wastewater storage tank is an exempt source under 20.2.72.202.B(2) NMAC, and an insignificant source under Title V Insignificant Activity list, Item #5.

Due to the nature of operations, startup and shutdown emissions from the storage tanks are assumed to be accounted for in the calculations discussed above. Emissions due to maintenance are negligible as the units are not in operation during maintenance.

No changes are being made to the storage tanks or their operation. Emissions from the tanks are carried forward and not revised.

Separator & Storage Tank Emissions Data and Calculations

Unit T1, T12
Des Separator & HC Liquid Storage Tank (with flash emissions)

Emission Rates

Source/Pollutants	Working/Breathing Losses, ppy	Working/Breathing Losses, tpy	Flash Losses, pph	Flash Losses, tpy	Uncontrolled Emission Rates, tpy
S1					
VOC	--	--	0.00E+00	0.00E+00	0.00
Benzene	--	--	0.00E+00	0.00E+00	0.00E+00
Ethylbenzene	--	--	0.00E+00	0.00E+00	0.00E+00
n-Hexane	--	--	0.00E+00	0.00E+00	0.00E+00
2,2,4-Trimethlypentane (Isooctane	--	--	0.00E+00	0.00E+00	0.00E+00
Toluene	--	--	0.00E+00	0.00E+00	0.00E+00
Xylene	--	--	0.00E+00	0.00E+00	0.00E+00
T1					
VOC	3,251.60	1.63	3.68	16.12	17.74
Benzene	27.31	1.37E-02	4.00E-02	0.18	0.19
Ethylbenzene	3.33	1.67E-03	0.00E+00	0.00	1.67E-03
n-Hexane	323.93	1.62E-01	0.30	1.31	1.48
2,2,4-Trimethlypentane (Isooctane	0.00	0.00E+00	0.00E+00	0.00	0.00E+00
Toluene	3.67	1.84E-03	0.00E+00	0.00	1.84E-03
Xylene	9.08	4.54E-03	0.010	0.04	4.83E-02
T12					
VOC	3,251.60	1.63	0.00E+00	0.00E+00	1.63
Benzene	27.31	1.37E-02	0.00E+00	0.00E+00	0.01
Ethylbenzene	3.33	1.67E-03	0.00E+00	0.00E+00	1.67E-03
n-Hexane	323.93	1.62E-01	0.00E+00	0.00E+00	0.16
2,2,4-Trimethlypentane (Isooctane	0.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Toluene	3.67	1.84E-03	0.00E+00	0.00E+00	1.84E-03
Xylene	9.08	4.54E-03	0.00E+00	0.00E+00	4.54E-03
Combined Total					
VOC	6,503.20	3.25	3.68	16.12	19.37
Benzene	54.62	2.73E-02	0.04	0.18	0.20
Ethylbenzene	6.66	3.33E-03	0.00	0.00	0.00
n-Hexane	647.86	3.24E-01	0.30	1.31	1.64
2,2,4-Trimethlypentane (Isooctane	0.00	0.00E+00	0.00	0.00	0.00
Toluene	7.34	3.67E-03	0.00	0.00	0.00
Xylene	18.16	9.08E-03	0.01	0.04	0.05

Working/breathing losses taken from TANKS 4.0 results
Flash emissions taken from Symmetry flash emissions model results.
tpy = pph x 8760 hr/yr x 1 ton / 2000 lbs
The VOC emission rates above may differ slightly from the Symmetry Main Flow Sheet based on rounding differences.

TANKS 4.0.9d
Emissions Report - Detail Format
Tank Indentification and Physical Characteristics

Identification

User Identification:	Rincon Condensate 400 bbl (7497 bpy)
City:	Rio Arriba Co., T23N, R07W, Sec. 2&11
State:	NM
Company:	Williams Four Corners LLC
Type of Tank:	Vertical Fixed Roof Tank
Description:	Rincon Condensate liquid, normalized 400 bbl (16,800 gal) capacity 7,497 bpy (314,874 gal/yr) throughput

Tank Dimensions

Shell Height (ft):		20.00
Diameter (ft):		12.00
Liquid Height (ft) :		20.00
Avg. Liquid Height (ft):		10.00
Volume (gallons):		16,800.00
Turnovers:		18.74
Net Throughput(gal/yr):		314,874.00
Is Tank Heated (y/n):	N	

Paint Characteristics

Shell Color/Shade:	Gray/Medium
Shell Condition	Good
Roof Color/Shade:	Gray/Medium
Roof Condition:	Good

Roof Characteristics

Type:	Cone	
Height (ft)		0.00
Slope (ft/ft) (Cone Roof)		0.06

Breather Vent Settings

Vacuum Settings (psig):	-0.03
Pressure Settings (psig)	0.03

Meterological Data used in Emissions Calculations: Albuquerque, New Mexico (Avg Atmospheric Pressure = 12.15 psia)

TANKS 4.0.9d
Emissions Report - Detail Format
Liquid Contents of Storage Tank

Rincon Condensate 400 bbl (7497 bpy) - Vertical Fixed Roof Tank
Rio Arriba Co., T23N, R07W, Sec. 2&11, NM

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F) Avg.	Min.	Max.	Liquid Bulk Temp (deg F)	Vapor Pressure (psia) Avg.	Min.	Max.	Vapor Mol. Weight.	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
Condensate	All	67.36	53.93	80.79	59.23	2.9146	2.1681	3.8442	72.0796			99.24	
Benzene						1.4274	0.9846	2.0237	78.1100	0.0125	0.0084	78.11	Option 2: A=6.905, B=1211.033, C=220.79
Butane						29.9323	23.3587	37.8099	58.1300	0.0075	0.1059	58.13	Option 1: VP60 = 26.098 VP70 = 31.306
Cyclohexane						1.4738	1.0254	2.0729	84.1600	0.0522	0.0363	84.16	Option 2: A=6.841, B=1201.53, C=222.65
Cyclopentane						4.9596	3.6370	6.6394	70.1300	0.0009	0.0021	70.13	Option 1: VP60 = 4.177 VP70 = 5.24
Decane (-n)						0.0395	0.0291	0.0536	142.2900	0.0989	0.0018	142.29	Option 1: VP60 = .033211 VP70 = .041762
Ethylbenzene						0.1396	0.0876	0.2162	106.1700	0.0155	0.0010	106.17	Option 2: A=6.975, B=1424.255, C=213.21
Heptane (-n)						0.7600	0.5088	1.1128	100.2000	0.1907	0.0685	100.20	Option 3: A=37358, B=8.2585
Hexane (-n)						2.3100	1.6303	3.2059	86.1700	0.0913	0.0996	86.17	Option 2: A=6.876, B=1171.17, C=224.41
Isobutane						43.3083	34.4026	53.8185	58.1230	0.0073	0.1494	58.12	Option 1: VP60 = 38.14 VP70 = 45.16
Isopentane						11.8640	8.7212	15.5743	72.1500	0.0496	0.2782	72.15	Option 1: VP60 = 10.005 VP70 = 12.53
Methylcyclohexane						0.6886	0.4673	0.9913	98.1800	0.1294	0.0421	98.18	Option 2: A=6.823, B=1270.763, C=221.42
Nonane (-n)						0.0784	0.0568	0.1080	128.2600	0.0950	0.0035	128.26	Option 1: VP60 = .065278 VP70 = .08309
Octane (-n)						0.1769	0.1254	0.2493	114.2300	0.1434	0.0120	114.23	Option 1: VP60 = .145444 VP70 = .188224
Pentane (-n)						8.0308	5.9649	10.6537	72.1500	0.0493	0.1872	72.15	Option 3: A=27691, B=7.558
Toluene						0.4136	0.2726	0.6120	92.1300	0.0058	0.0011	92.13	Option 2: A=6.954, B=1344.8, C=219.48
Xylenes (mixed isomers)						0.1165	0.0728	0.1813	106.1700	0.0507	0.0028	106.17	Option 2: A=7.009, B=1462.266, C=215.11

TANKS 4.0.9d
Emissions Report - Detail Format
Detail Calculations (AP-42)

Rincon Condensate 400 bbl (7497 bpy) - Vertical Fixed Roof Tank
Rio Arriba Co., T23N, R07W, Sec. 2&11, NM

Annual Emission Calcaulations

Standing Losses (lb):	1,676.6100
Vapor Space Volume (cu ft):	1,145.1105
Vapor Density (lb/cu ft):	0.0371
Vapor Space Expansion Factor:	0.2769
Vented Vapor Saturation Factor:	0.3900
Tank Vapor Space Volume:	
Vapor Space Volume (cu ft):	1,145.1105
Tank Diameter (ft):	12.0000
Vapor Space Outage (ft):	10.1250
Tank Shell Height (ft):	20.0000
Average Liquid Height (ft):	10.0000
Roof Outage (ft):	0.1250
Roof Outage (Cone Roof)	
Roof Outage (ft):	0.1250
Roof Height (ft):	0.0000
Roof Slope (ft/ft):	0.0625
Shell Radius (ft):	6.0000
Vapor Density	
Vapor Density (lb/cu ft):	0.0371
Vapor Molecular Weight (lb/lb-mole):	72.0796
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	2.9146
Daily Avg. Liquid Surface Temp. (deg. R):	527.0322
Daily Average Ambient Temp. (deg. F):	56.1542
Ideal Gas Constant R (psia cuft / (lb-mol-deg R)):	10.731
Liquid Bulk Temperature (deg. R):	518.9042
Tank Paint Solar Absorptance (Shell):	0.6800
Tank Paint Solar Absorptance (Roof):	0.6800
Daily Total Solar Insulation Factor (Btu/sqft day):	1,765.3167
Vapor Space Expansion Factor	
Vapor Space Expansion Factor:	0.2769
Daily Vapor Temperature Range (deg. R):	53.7176
Daily Vapor Pressure Range (psia):	1.6760
Breather Vent Press. Setting Range(psia):	0.0600
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	2.9146
Vapor Pressure at Daily Minimum Liquid Surface Temperature (psia):	2.1681
Vapor Pressure at Daily Maximum Liquid Surface Temperature (psia):	3.8442
Daily Avg. Liquid Surface Temp. (deg R):	527.0322
Daily Min. Liquid Surface Temp. (deg R):	513.6028
Daily Max. Liquid Surface Temp. (deg R):	540.4617
Daily Ambient Temp. Range (deg. R):	27.9250
Vented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	0.3900
Vapor Pressure at Daily Average Liquid: Surface Temperature (psia):	2.9146
Vapor Space Outage (ft):	10.1250
Working Losses (lb):	1,574.9921
Vapor Molecular Weight (lb/lb-mole):	72.0796
Vapor Pressure at Daily Average Liquid	

Surface Temperature (psia):	2.9146
Annual Net Throughput (gal/yr.):	314,874.0000
Annual Turnovers:	18.7425
Turnover Factor:	1.0000
Maximum Liquid Volume (gal):	16,800.0000
Maximum Liquid Height (ft):	20.0000
Tank Diameter (ft):	12.0000
Working Loss Product Factor:	1.0000

Total Losses (lb):	3,251.6021

TANKS 4.0.9d
Emissions Report - Detail Format
Individual Tank Emission Totals

Emissions Report for: Annual

Rincon Condensate 400 bbl (7497 bpy) - Vertical Fixed Roof Tank
Rio Arriba Co., T23N, R07W, Sec. 2&11, NM

	Losses(lbs)		
Components	Working Loss	Breathing Loss	Total Emissions
Condensate	1,574.99	1,676.61	3,251.60
Isobutane	235.27	250.45	485.73
Butane	166.86	177.63	344.49
Isopentane	438.11	466.37	904.48
Pentane (-n)	294.85	313.87	608.72
Cyclopentane	3.35	3.56	6.91
Hexane (-n)	156.90	167.03	323.93
Cyclohexane	57.20	60.89	118.09
Heptane (-n)	107.84	114.79	222.63
Methylcyclohexane	66.28	70.56	136.84
Octane (-n)	18.87	20.09	38.96
Nonane (-n)	5.54	5.90	11.44
Decane (-n)	2.91	3.09	6.00
Benzene	13.23	14.08	27.31
Ethylbenzene	1.61	1.72	3.33
Toluene	1.78	1.89	3.67
Xylenes (mixed isomers)	4.40	4.68	9.08

STATE REGU-LATIONS CITATION	Title	Applies? Enter Yes or No	Unit(s) or Facility	JUSTIFICATION:
20.2.50 NMAC	Oil and Gas Sector – Ozone Precursor Pollutants	Yes	Engines 1 - 4; Reciprocating compressor seals; Storage vessel T1; Hydrocarbon liquid transfers; F1 Fugitive emissions; Pneumatic controllers & pumps	This regulation is applicable because the facility is equipped with affected equipment as defined by the regulation, including: natural gas-fired spark ignition engines; reciprocating compressors; equipment leaks and fugitive emissions; and pneumatic controllers and pumps.
20.2.61.109 NMAC	Smoke & Visible Emissions	Yes	RICE 1-4	This regulation is applicable because the facility is equipped with stationary combustion sources. Emissions from these combustion sources are limited to less than 20% opacity (see 20.2.61.109 NMAC). The regulation is not applicable to Title V insignificant heaters (see 20.2.61.111.D NMAC).
20.2.70 NMAC	Operating Permits	Yes	Facility	This regulation is applicable because the facility is a major source of CO and VOC emissions (see 20.2.70.200 NMAC).
20.2.71 NMAC	Operating Permit Fees	Yes	Facility	This regulation is applicable because the facility is subject to 20.2.70 NMAC (see 20.2.71.6 NMAC).
20.2.72 NMAC	Construction Permits	Yes	Facility	This regulation is applicable because the facility has potential emission rates (PER) greater than 10 pph or 25 tpy for pollutants subject to a state or federal ambient air quality standards (does not include VOCs or HAPs).
20.2.73 NMAC	NOI & Emissions Inventory Requirements	Yes	Facility	The Notice of Intent requirements of this regulation were fulfilled with the construction permit application. The emissions inventory portion of this regulation is applicable since the facility is a Title V major source (see 20.2.73.300.B(1) & (2)).
20.2.74 NMAC	Permits – Prevention of Significant Deterioration (PSD)	No	N/A	This regulation is not applicable because the facility is not a PSD major source.
20.2.75 NMAC	Construction Permit Fees	Yes	Facility	This regulation is applicable because the facility is subject to 20.2.72 NMAC and it establishes the fee schedule associated with the filing of construction permits (see 20.2.75.6 NMAC).
20.2.77 NMAC	New Source Performance	Yes	N/A	This regulation is applicable because it adopts by reference the federal NSPS codified in 40 CFR 60 (see 20.2.77.6 NMAC). The facility is subject to 40 CFR 60, subparts A and OOOOa.
20.2.78 NMAC	Emission Standards for HAPS	No	N/A	This regulation is not applicable because it incorporates by reference the NESHAPs codified under 40 CFR 61 (see 20.2.78.6 NMAC). The facility is not subject to 40 CFR 61.
20.2.79 NMAC	Permits – Nonattainment Areas	No	N/A	This regulation is not applicable because the facility is neither located in nor has a significant impact on a nonattainment area (see 20.2.79.6 NMAC).
20.2.80 NMAC	Stack Heights	No	N/A	This regulation is not applicable because it establishes guidelines for the selection of an appropriate stack height for the purpose of atmospheric dispersion modeling (see 20.2.80.6 NMAC); however, it only imposes those requirements when modeling is required as a part of the application. This application does not require modeling.

STATE REGU-LATIONS CITATION	Title	Applies? Enter Yes or No	Unit(s) or Facility	JUSTIFICATION:
20.2.82 NMAC	MACT Standards for Source Categories of HAPS	Yes	RICE 1-4	This regulation is applicable because it adopts by reference the federal MACT Standards for source categories codified in 40 CFR 63 (see 20.2.82.6 NMAC). The facility RICE are subject to 40 CFR 63, subparts A and ZZZZ.

Federal Regulations

Federal standards and requirements are embodied in Title 40 (Protection of the Environment), Subchapter C (Air Programs) of the CFR, Parts 50 through 99.

FEDERAL REGULATIONS APPLICABILITY CHECKLIST

FEDERAL REGU-LATIONS CITATION	Title	Applies? Enter Yes or No	Unit(s) or Facility	JUSTIFICATION:
40 CFR 50	NAAQS	Yes	Facility	This regulation is applicable because it applies to all sources in the state of New Mexico.
40 CFR 52	Approval and Promulgation of Implementation Plans	No	N/A	40 CFR 52.21 *Prevention of Significant Deterioration of Air Quality* is not applicable because the facility is not a major Prevention of Significant Deterioration source. The remainder of 40 CFR 52 is not applicable because it addresses approval and promulgation of implementation plans.
NSPS 40 CFR 60, Subpart A	General Provisions	Yes	N/A	This regulation is applicable because another 40 CFR Part 60 subpart applies to the fugitive emissions at the facility (NSPS subpart OOOOa).
NSPS 40 CFR 60, Subpart K	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978	No	N/A	This regulation is not applicable because the petroleum liquids storage tanks at the facility have capacities less than the minimum applicability threshold capacity of 40,000 gallons (see §60.110(a)).
NSPS 40 CFR 60, Subpart Ka	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984	No	N/A	This regulation is not applicable because the storage tanks at the facility have capacities less than the minimum applicability threshold capacity of 40,000 gallons (see §60.110a(a)).

FEDERAL REGU-LATIONS CITATION	Title	Applies? Enter Yes or No	Unit(s) or Facility	JUSTIFICATION:
NSPS 40 CFR 60, Subpart Kb	Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	No	N/A	This regulation is not applicable because all storage tanks at the facility have capacities less than the minimum applicability threshold capacity of 75 cubic meters (19,812 gallons) or they have a capacity between 75 and 151 cubic meters (40,000 gallons) and store a liquid with a maximum true vapor pressure less than 15.0 kPa (2.2 psi) (see §60.110b(a) & §60.110b(b))).
NSPS 40 CFR 60, Subpart KKK	Standards of Performance for Equipment Leaks of VOC from Onshore Gas Plants	No	N/A	This regulation is not applicable because the facility is not an onshore natural gas processing plant as defined by the subpart (see §60.630(a)(1)). Natural gas processing plant (gas plant) means any processing site engaged in the extraction of natural gas liquids from field gas, fractionation of mixed natural gas liquids to natural gas products, or both (see §60.631).
NSPS 40 CFR 60, Subpart LLL	Standards of Performance for Onshore Natural Gas Processing: SO_2 Emissions	No	N/A	This regulation is not applicable because the facility is not a natural gas processing plant as defined by the subpart. It is not equipped with a sweetening unit (see §60.640(a)).
NSPS 40 CFR 60, Subpart IIII	Standards of Performance for Stationary Compression Ignition Internal Combustion Engines	No	N/A	This regulation is not applicable because the facility is not equipped with stationary compression ignition (CI) internal combustion engines (ICE) that commenced construction after July 11, 2005 and were manufactured after April 1, 2006 (see §60.4200(a)(2)(i)). For the purpose of this subpart, construction commences on the date the engine is ordered by the owner or operator (see §60.4200(a)).
NSPS 40 CFR 60, Subpart JJJJ	Standards of Performance for Stationary Spark Ignition Internal Combustion Engines	No	N/A	This regulation is not applicable because the facility is not equipped with spark ignition (SI) internal combustion engines (ICE) constructed, modified, or reconstructed after June 12, 2006. Units 1, 2, 3, and 4 were constructed prior to the applicability date and have not been modified or reconstructed. See the definitions of construction, modification, and reconstruction referenced in Subpart OOOO below.

FEDERAL REGU-LATIONS CITATION	Title	Applies? Enter Yes or No	Unit(s) or Facility	JUSTIFICATION:
NSPS 40 CFR 60, Subpart OOOO	Standards of Performance for Crude Oil and Natural Gas Production, Transmission, and Distribution for which Construction, Modification or Reconstruction Commenced After August 23, 2011 and On or Before September 18, 2015	No	N/A	This regulation is not applicable because the facility is not equipped with "affected" sources that commenced construction, modification or reconstruction after August 23, 2011 and on or before September 18, 2015: gas wells, centrifugal or reciprocating compressors, pneumatic controllers, and storage vessels (see §60.5365). Note that the facility is not a natural gas processing plant as defined by the subpart (see §60.5430). Commenced construction means a continuous program of fabrication, erection or installation (see §60.2). Modification means any physical change in or change in the method of operation of an existing facility which increases emissions or results in new emissions (see §60.2). The following, by themselves, are not modifications: routine maintenance, repair or replacement, production increase without capital expenditure, increase in hours of operation, addition of emission controls, or the relocation or change in ownership of an existing facility (see §60.14). Reconstruction means the replacement of components of an existing facility such that the fixed capital cost of the new components exceeds 50 % of the fixed capital cost required to construct a comparable entirely new facility. Fixed capital cost means the capital needed to provide all the depreciable components (see §60.15).
NSPS 40 CFR 60, Subpart OOOOa	Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015	Yes	Fugitive emissions	The regulation is applicable because the facility is equipped with one or more "affected" sources that commenced construction, modification or reconstruction after September 18, 2015: gas wells, centrifugal or reciprocating compressors, pneumatic controllers, storage vessels, sweetening units, pneumatic pumps, and equipment leaks (see §60.5365a). In general, this regulation may apply if existing affected equipment is replaced or new affected equipment is installed. Affected sources at the facility were permitted and installed after the September 18, 2015 regulatory applicability date; therefore, the applicability of the subpart was triggered. The regulation applies to the fugitive emissions components at the facility. For the purpose of fugitive components monitoring requirements specified by the regulation, "modification" of a compressor station includes the addition of (or replacement of) a compressor with a larger unit (greater total horsepower) (see §60.5365a(j)). Note that the facility is not a natural gas processing plant as defined by the subpart (see §60.5430a). See the definitions of construction, modification, and reconstruction referenced in Subpart OOOO above.
NESHAP 40 CFR 61, Subpart A	General Provisions	No	N/A	This regulation is not applicable because no other 40 CFR Part 61 subparts apply (see §61.01(c)).
NESHAP 40 CFR 61, Subpart V	National Emission Standards for Equipment Leaks (Fugitive Emission Sources)	No	N/A	This regulation is not applicable because none of the listed equipment at the facility is in VHAP service. The provisions of this subpart apply to each of the following sources that are intended to operate in volatile hazardous air pollutant (VHAP) service: pumps, compressors, pressure relief devices, sampling connection systems, open-ended valves or lines, valves, connectors, surge control vessels, bottoms receivers, and control devices or systems required by this subpart (see §61.240(a)). VHAP service means a piece of equipment either contains or contacts a fluid (liquid or gas) that is at least 10 percent by weight of VHAP. VHAP means a substance regulated under this subpart for which a standard for equipment leaks of the substance has been promulgated (see §61.241).

FEDERAL REGU-LATIONS CITATION	Title	Applies? Enter Yes or No	Unit(s) or Facility	JUSTIFICATION:
MACT 40 CFR 63, Subpart A	General Provisions	Yes	Units 1-4	This regulation applies because 40 CFR 63 subpart ZZZZ is applicable.
MACT 40 CFR 63, Subpart HH	National Emission Standards for Hazardous Air Pollutants For Oil and Natural Gas Production Facilities	No	N/A	This regulation is not applicable because the facility is not equipped with affected equipment. The facility is a production field facility located prior to the point of custody transfer, and an area source of HAP. Only HAP emissions from facility glycol dehydration units and storage vessels are aggregated for a major or area HAP source determination. Storage vessels include crude oil tanks, condensate tanks, intermediate hydrocarbon liquid tanks, and produced water tanks (see §63.761). The regulation is only applicable to dehydrators at an area source of HAP (see §63.760(b)(2)). There are no dehydrators at the facility.
MACT 40 CFR 63, Subpart HHH	National Emission Standards for Hazardous Air Pollutants From Natural Gas Transmission and Storage Facilities	No	N/A	This regulation is not applicable because the facility is not a natural gas transmission and storage facility as defined by the subpart. A compressor station that transports natural gas prior to the point of custody transfer or to a natural gas processing plant (if present) are not considered a part of the natural gas transmission and storage source category (see §63.1270(a)).
MACT 40 CFR 63, Subpart ZZZZ	National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (RICE MACT)	Yes	Units 1-4	This regulation is not applicable because the facility is not equipped with affected sources. The station is an area source of HAP as defined by the subpart. For production field facilities, only aggregated HAP emissions from engines, turbines, dehydrators, and storage vessels with the potential for flash emissions are taken into consideration in determining the HAP area/major source determination (see §63.6675). As defined at §63.6585(c), the station is an **area** source of HAP. Under §63.6590(a)(1)(iii), a stationary RICE located at an area source of HAP is considered an "existing" unit if construction or reconstruction commenced before June 12, 2006. ("Construction" does not include the reinstallation of an existing engine at another location.) RICE units 1 through 4 are 4-stroke, lean burn (4SLB) spark ignition (SI) RICE with a site rating of more than 500 hp, constructed prior to December 19, 2002. Therefore, they are each an "existing" engine under the regulation. They are non-emergency, non-black start engines, sited at a remote location. Under the provisions of §63.6603(a) for existing RICE, the maintenance and operating standards in Table 2d, row #8 are applicable, including oil and filter change and inspection of spark plugs, all hoses and belts every 2,160 hours of operating time or annually, whichever comes first. Engine startups and idle times are minimized in accordance with the regulation
MACT 40 CFR 63, Subpart DDDDD	National Emission Standards for Hazardous Air Pollutants for Major Industrial, Commercial, and Institutional Boilers & Process Heaters	No	N/A	This regulation is not applicable both because the facility is an area HAP source as defined by the subpart (see §63.7480) and is not equipped with boilers and process heaters. For natural gas production facilities, only the HAP emissions from dehydrators and storage vessels with the potential for flash emissions are aggregated for a major source determination (see §63.7575).

FEDERAL REGU-LATIONS CITATION	Title	Applies? Enter Yes or No	Unit(s) or Facility	JUSTIFICATION:
MACT 40 CFR 63, Subpart JJJJJJ	National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers at Area Sources	No	N/A	This regulation is not applicable because the facility is not equipped with industrial, commercial, or institutional boilers.
40 CFR 64	Compliance Assurance Monitoring	No	N/A	This regulation is not applicable because no equipment at the facility requires a control device to achieve compliance with emission limits or standards where pre control emissions equal or exceed the major source threshold (100 tons per year). (see §64.2(a)).
40 CFR 68	Chemical Accident Prevention	No	N/A	This regulation is not applicable because the facility does not store any of the identified toxic and flammable substances in quantities exceeding the applicability thresholds (see §68.10(a), §68.115(a), and §68.130 Tables 1-4).
40 CFR 70	State Operating Permit Programs	No	N/A	This regulation is not applicable, as the requirements associated with Title V are delegated to the State of New Mexico and implemented under 20 NMAC 2.70.
40 CFR 82	Protection of Stratospheric Ozone	No	N/A	This regulation is not applicable because the facility does not produce, transform, destroy, import, or export ozone-depleting substances (see §82.1(b),); does not service motor vehicle air conditioning units (see §82.30(b)); and does not sell, distribute, or offer for sale or distribution any product that contains ozone-depleting substances (see §82.64).

Section 20

Other Relevant Information

Other relevant information. Use this attachment to clarify any part in the application that you think needs explaining. Reference the section, table, column, and/or field. Include any additional text, tables, calculations or clarifying information.

Additionally, the applicant may propose specific permit language for AQB consideration. In the case of a revision to an existing permit, the applicant should provide the old language and the new language in track changes format to highlight the proposed changes. If proposing language for a new facility or language for a new unit, submit the proposed operating condition(s), along with the associated monitoring, recordkeeping, and reporting conditions. In either case, please limit the proposed language to the affected portion of the permit.

This section contains a completed *Compliance History Disclosure Form*.

Air Permit Application
Compliance History Disclosure Form

Pursuant to Subsection 74-2-7(S) of the New Mexico Air Quality Control Act ("AQCA"), NMSA §§ 74-2-1 to -17, the New Mexico Environment Department ("Department") may deny any permit application or revoke any permit issued pursuant to the AQCA if, within ten years immediately preceding the date of submission of the permit application, the applicant met any one of the criteria outlined below. In order for the Department to deem an air permit application administratively complete, or issue an air permit for those permits without an administrative completeness determination process, the applicant must complete this Compliance History Disclosure Form as specified in Subsection 74-2-7(P). An existing permit holder (permit issued prior to June 18, 2021) shall provide this Compliance History Disclosure Form to the Department upon request.

Permittee/Applicant Company Name		**Expected Application Submittal Date**
Harvest Four Corners, LLC		Title V Renewal Appl. update Rev.1, March, 2023
Permittee/Company Contact	**Phone**	**Email**
Monica Smith	505-632-4625	MSmith@harvestmidstream.com

	Within the 10 years preceding the expected date of submittal of the application, has the permittee or applicant:	
1	Knowingly misrepresented a material fact in an application for a permit?	☐ Yes ☒ No
2	Refused to disclose information required by the provisions of the New Mexico Air Quality Control Act?	☐ Yes ☒ No
3	Been convicted of a felony related to environmental crime in any court of any state or the United States?	☐ Yes ☒ No
4	Been convicted of a crime defined by state or federal statute as involving or being in restraint of trade, price fixing, bribery, or fraud in any court of any state or the United States?	☐ Yes ☒ No
5a	Constructed or operated any facility for which a permit was sought, including the current facility, without the required air quality permit(s) under 20.2.70 NMAC, 20.2.72 NMAC, 20.2.74 NMAC, 20.2.79 NMAC, or 20.2.84 NMAC?	☐ Yes ☒ No
5b	If "No" to question 5a, go to question 6. If "Yes" to question 5a, state whether each facility that was constructed or operated without the required air quality permit met at least one of the following exceptions: a. The unpermitted facility was discovered after acquisition during a timely environmental audit that was authorized by the Department; or b. The operator of the facility estimated that the facility's emissions would not require an air permit, **and** the operator applied for an air permit within 30 calendar days of discovering that an air permit was required for the facility.	☐ Yes ☐ No
6	Had any permit revoked or permanently suspended for cause under the environmental laws of any state or the United States?	☐ Yes ☒ No
7	For each "yes" answer, please provide an explanation and documentation.	