GW

PERMITS, RENEWALS, & MODS Application

ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of check No lated 8/21/02
or cash received on in the amount of \$00
from William Four Corners
for <u>GW-149</u>
Submitted by: Date: 9/8/08
Submitted to ASD by: Low our Farrow Date: 9/8/08
Received in ASD by: Date:
Filing Fee New Facility Renewal
Modification Other
Organization Code <u>521.07</u> Applicable FY <u>2004</u>
To be deposited in the Water Quality Management Fund.
Full Payment or Annual Increment

17.

Mr. David Bays
Williams Four Corners, LLC. $\mathbb{R} \in \mathbb{C} \in | \forall \in \mathbb{D}$ GW-149
August 13, 2008
Page 22008 FUG 21 $\mathbb{P}\mathbb{M}$ 250

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ATTACHMENT- DISCHARGE PERMIT APPROVAL CONDITIONS

1. Payment of Discharge Plan Fees: All discharge permits are subject to WQCC Regulations. Every billable facility that submits a discharge permit application will be assessed a filing fee of \$100.00, plus a flat fee (*see* WQCC Regulation 20.6.2.3114 NMAC). The Oil Conservation Division ("OCD") has received the required \$100.00 filing fee. The flat fee for a compressor station with horsepower greater than 1001 hp is \$1700.00. Please submit this amount along with the signed certification item 23. Checks should be made out to the New Mexico Water Quality Management Fund.

2. Permit Expiration, Renewal Conditions and Penalties: Pursuant to WQCC Regulation 20.6.2.3109.H.4 NMAC, this permit is valid for a period of five years. The permit will expire on October, 8, 2013 and an application for renewal should be submitted no later than 120 days before that expiration date. Pursuant to WQCC Regulation 20.6.2.3106.F NMAC, if a discharger submits a discharge permit renewal application at least 120 days before the discharge permit expires and is in compliance with the approved permit, then the existing discharge permit will not expire until the application for renewal has been approved or disapproved. *Expired permits are a violation of the Water Quality Act {Chapter 74, Article 6, NMSA 1978} and civil penalties may be assessed accordingly.*

3. Permit Terms and Conditions: Pursuant to WQCC Regulation 20.6.2.3104 NMAC, when a permit has been issued, the owner/operator must ensure that all discharges shall be consistent with the terms and conditions of the permit. In addition, all facilities shall abide by the applicable rules and regulations administered by the OCD pursuant to the Oil and Gas Act, NMSA 1978, Sections 70-2-1 through 70-2-38.

4. **Owner/Operator Commitments:** The owner/operator shall abide by all commitments submitted in its May 2008 discharge plan application, including attachments and subsequent amendments and these conditions for approval. Permit applications that reference previously approved plans on file with the division shall be incorporated in this permit and the owner/operator shall abide by all previous commitments of such plans and these conditions for approval.

5. Modifications: WQCC Regulation 20.6.2.3107.C and 20.6.2.3109 NMAC addresses possible future modifications of a permit. The owner/operator (discharger) shall notify the OCD of any facility expansion, production increase or process modification that would result in any significant modification in the discharge of water contaminants. The Division Director may require a permit modification if any water quality standard specified at 20.6.2.3103 NMAC is being or will be exceeded, or if a toxic pollutant as defined in WQCC Regulation 20.6.2.7 NMAC is present in ground water at any place of withdrawal for present or reasonably foreseeable future use, or that the Water Quality Standards for Interstate and Intrastate streams as specified in 20.6.4 NMAC are being or may be violated in surface water in New Mexico.

6. Waste Disposal and Storage: The owner/operator shall dispose of all wastes at an OCDapproved facility. Only oil field RCRA-exempt wastes may be disposed of by injection in a Class II well. RCRA non-hazardous, non-exempt oil field wastes may be disposed of at an OCDapproved facility upon proper waste determination pursuant to 40 CFR Part 261. Any waste

stream that is not listed in the discharge permit application must be approved by the OCD on a case-by-case basis.

11

A. OCD Rule 712 Waste: Pursuant to OCD Rule 712 (19.15.9.712 NMAC) disposal of certain non-domestic waste without notification to the OCD is allowed at NMED permitted solid waste facilities if the waste stream has been identified in the discharge permit and existing process knowledge of the waste stream does not change.

B. Waste Storage: The owner/operator shall store all waste in an impermeable bermed area, except waste generated during emergency response operations for up to 72 hours. All waste storage areas shall be identified in the discharge permit application. Any waste storage area not identified in the permit shall be approved on a case-by-case basis only. The owner/operator shall not store oil field waste on-site for more than 180 days unless approved by the OCD.

7. **Drum Storage:** The owner/operator must store all drums, including empty drums, containing materials other than fresh water on an impermeable pad with curbing. The owner/operator must store empty drums on their sides with the bungs in place and lined up on a horizontal plane. The owner/operator must store chemicals in other containers, such as tote tanks, sacks, or buckets on an impermeable pad with curbing.

8. Process, Maintenance and Yard Areas: The owner/operator shall either pave and curb or have some type of spill collection device incorporated into the design at all process, maintenance, and yard areas which show evidence that water contaminants from releases, leaks and spills have reached the ground surface.

9. Above Ground Tanks: The owner/operator shall ensure that all aboveground tanks have impermeable secondary containment (e.g., liners and berms), which will contain a volume of at least one-third greater than the total volume of the largest tank or all interconnected tanks. The owner/operator shall retrofit all existing tanks before discharge permit renewal. Tanks that contain fresh water or fluids that are gases at atmospheric temperature and pressure are exempt from this condition.

10. Labeling: The owner/operator shall clearly label all tanks, drums, and containers to identify their contents and other emergency notification information. The owner/operator may use a tank code numbering system, which is incorporated into their emergency response plans.

11. Below-Grade Tanks/Sumps and Pits/Ponds.

A. All below-grade tanks and sumps must be approved by the OCD prior to installation and must incorporate secondary containment with leak detection into the design. The owner/operator shall retrofit all existing systems without secondary containment and leak detection before discharge permit renewal. All existing below-grade tanks and sumps without secondary containment and leak detection must be tested annually or as specified herein. Systems that have secondary containment with leak detection shall have a monthly inspection of the leak detection system to determine if the primary containment is leaking. Small sumps or depressions in secondary containment systems used to facilitate fluid removal are exempt from these requirements if fluids are removed within 72 hours.

B. All pits and ponds, including modifications and retrofits, shall be designed by a certified registered professional engineer and approved by the OCD prior to installation. In general, all pits or ponds shall have approved hydrologic and geologic reports, location, foundation, liners, and secondary containment with leak detection, monitoring and closure plans. All pits or ponds shall be designed, constructed and operated so as to contain liquids and solids in a manner that will protect fresh water, public health, safety and the environment for the foreseeable future. The owner/operator shall retrofit all existing systems without secondary containment and leak detection before discharge permit renewal.

C. The owner/operator shall ensure that all exposed pits, including lined pits and open top tanks (8 feet in diameter or larger) shall be fenced, screened, netted, or otherwise rendered non-hazardous to wildlife, including migratory birds.

D. The owner/operator shall maintain the results of tests and inspections at the facility covered by this discharge permit and available for OCD inspection. The owner/operator shall report the discovery of any system which is found to be leaking or has lost integrity to the OCD within 15 days. The owner/operator may propose various methods for testing such as pressure testing to 3 pounds per square inch greater than normal operating pressure and/or visual inspection of cleaned tanks and/or sumps, or other OCD-approved methods. The owner/operator shall notify the OCD at least 72 hours prior to all testing.

12. Underground Process/Wastewater Lines:

A. The owner/operator shall test all underground process/wastewater pipelines at least once every five (5) years to demonstrate their mechanical integrity, except lines containing fresh water or fluids that are gases at atmospheric temperature and pressure. Pressure rated pipe shall be tested by pressuring up to one and one-half times the normal operating pressure, if possible, or for atmospheric drain systems, to 3 pounds per square inch greater than normal operating pressure, and pressure held for a minimum of 30 minutes with no more than a 1% loss/gain in pressure. The owner/operator may use other methods for testing if approved by the OCD.

B. The owner/operator shall maintain underground process and wastewater pipeline schematic diagrams or plans showing all drains, vents, risers, valves, underground piping, pipe type, rating, size, and approximate location. All new underground piping must be approved by the OCD prior to installation. The owner/operator shall report any leaks or loss of integrity to the OCD within 15 days of discovery. The owner/operator shall maintain the results of all tests at the facility covered by this discharge permit and they shall be available for OCD inspection. The owner/operator shall notify the OCD at least 72 hours prior to all testing.

13. Class V Wells: The owner/operator shall close all Class V wells (e.g., septic systems, leach fields, dry wells, etc.) that inject non-hazardous industrial wastes or a mixture of industrial wastes and domestic wastes unless it can be demonstrated that ground water will not be impacted in the reasonably foreseeable future. Leach fields and other wastewater disposal systems at OCD-regulated facilities that inject non-hazardous fluid into or above an underground source of drinking water are considered Class V injection wells under the EPA UIC program. Class V wells that inject domestic waste only, must be permitted by the New Mexico Environment Department (NMED).

14. Housekeeping: The owner/operator shall inspect all systems designed for spill collection/prevention and leak detection at least monthly to ensure proper operation and to prevent over topping or system failure. All spill collection and/or secondary containment devices shall be emptied of fluids within 72 hours of discovery. The owner/operator shall maintain all records at the facility and available for OCD inspection.

15. Spill Reporting: The owner/operator shall report all unauthorized discharges, spills, leaks and releases and conduct corrective action pursuant to WQCC Regulation 20.6.2.1203 NMAC and OCD Rule 116 (19.15.3.116 NMAC). The owner/operator shall notify both the OCD District Office and the Santa Fe Office within 24 hours and file a written report within 15 days.

16. OCD Inspections: The OCD performed an inspection of this facility on July 30, 2008. Mr. David Bays, Williams Four Corners and Mr. Brandon Powell, OCD Aztec were in attendance. Inspection photos referenced below are attached to the permit. The inspection concluded the following:

- 1. Several contaminated soils were noted throughout the facility, reference photos 2, 9, 10, 11, 14, 15, 16, 17, 20, 25, and 26. <u>Williams Four Corners shall clean and properly dispose of these</u> soils and prevent any more unnecessary discharges.
- 2. Several standing fluids were noted throughout the facility, reference photos 1, 7, 8, 13, 15, 21, 22, 24, and 28. Standing fluids in secondary containments and sumps are to be removed within 72 hours. Secondary containments are not intended to hold fluids for normal working function of the facility but only for prevention of discharge on to the ground. <u>Williams Four Corners shall remove any fluids in a timely manner</u> as to not violate its discharge plan permit conditions.
- 3. Below Grade Tanks with leak detection appear to contain fluids. During the monthly inspection of these systems Williams Four Corners shall immediately address the cause for fluid presence. A leak detection system is not intended to hold fluids indefinitely. Williams Four Corners shall test their BGT's to ensure it still has integrity and submit the report to the OCD. All personnel at this facility shall monitor all BGT's leak detection system as noted within the permit conditions.
- 4. The secondary containment for the Used Oil and Produced Water appears to have a leaking crack, see photo 20. There appears to be a breach in the lower seam of the outer containment area. <u>Williams Four Corners shall address this concern and provide the OCD the findings of this concern</u>.
- 5. <u>The OCD would like Williams Four Corners to present the Discharge Plan Permit conditions</u> to all Williams Four Corners and operators of this facility. This is to ensure that all personnel at this facility understand the conditions pertaining to this facility.

All these findings are stated within the Permit conditions. This inspection concluded violations of the existing permit. **Williams Four Corners has 60 days from this permit date to address theses concerns.** The OCD will expect a resolution and report for each of these findings. A Notice of Deficiency letter was previously sent to Williams Four Corners addressing these identical concerns. In order to not incur any fines or penalties Williams Four Corners shall address these findings within this time allotted by the New Mexico Oil Conservation Division and work to prevent reoccurrence of such activities in the future at this and all their facilities.

17. Storm Water: The owner/operator shall implement and maintain run-on and runoff plans and controls. The owner/operator shall not discharge any water contaminant that exceeds the WQCC standards specified in 20.6.2.3101 NMAC or 20.6.4 NMAC (Water Quality Standards for Interstate and Intrastate Streams) including any oil sheen in any stormwater run-off. The owner/operator shall notify the OCD within 24 hours of discovery of any releases and shall take immediate corrective action(s) to stop the discharge.

18. Unauthorized Discharges: The owner/operator shall not allow or cause water pollution, discharge or release of any water contaminant that exceeds the WQCC standards listed in 20.6.2.3101 NMAC or 20.6.4 NMAC (Water Quality Standards for Interstate and Intrastate Streams) unless specifically listed in the permit application and approved herein. <u>An</u> <u>unauthorized discharge is a violation of this permit.</u>

19. Vadose Zone and Water Pollution: The owner/operator shall address any contamination through the discharge permit process or pursuant to WQCC 20.6.2.4000-.4116 NMAC (Prevention and Abatement of Water Pollution). The OCD may require the owner/operator to modify its permit for investigation, remediation, abatement, and monitoring requirements for any vadose zone or water pollution. Failure to perform any required investigation, remediation, abatement and submit subsequent reports will be a violation of the permit.

20. Additional Site Specific Conditions: <u>N/A</u>

21. Transfer of Discharge Permit (WQCC 20.6.2.3111) Prior to any transfer of ownership, control, or possession (whether by lease, conveyance or otherwise) of a facility with a discharge permit, the transferor shall notify the transferee in writing of the existence of the discharge permit, and shall deliver or send by certified mail to the department a copy of such written notification, together with a certification or other proof that such notification has in fact been received by the transferee.

Upon receipt of such notification, the transferee shall have the duty to inquire into all of the provisions and requirements contained in such discharge permit, and the transferee shall be charged with notice of all such provisions and requirements as they appear of record in the department's file or files concerning such discharge permit. The transferee (new owner/operator) shall sign and return an original copy of these permit conditions and provide a written commitment to comply with the terms and conditions of the previously approved discharge permit.

22. Closure Plan and Financial Assurance: Pursuant to 20.6.2.3107 NMAC an owner/operator shall notify the OCD when any operations of the facility are to be discontinued for a period in excess of six months. Prior to closure, or as a condition of this permit, or request from the OCD, the operator will submit an approved closure plan, modified plan, and/or provide adequate financial assurance.

23. Certification: (Owner/Operator), by the officer whose signature appears below, accepts this permit and agrees to comply with all submitted commitments, including these terms and conditions contained here. Owner/Operator further acknowledges that the OCD may, for good

cause shown, as necessary to protect fresh water, public health, safety, and the environment, change the conditions and requirements of this permit administratively

<u>Conditions accepted by</u>: "I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment."

*

 Williams Four Corners, LLC

 Company Name-print name above

 David Bays

 Company Representative- print name

 Qauid Bays

 Company Representative- Signature

 Title
 Sr. Environmental Specialist

 Date:
 08/18/2008

Date: 07.30.08

<u>Company Rep</u>: Mr. David Bays Time: 09:40 – 10:50

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<u>Photo 1</u>: Leak detection in submerged sump.



<u>Photo 2</u>: Stained gravel next to submerged sump in Photo 1.



<u>Photo 3</u>: Two unlabeled saddle tanks on the south side of yard.



<u>Photo 4</u>: Sump in secondary containment of unused heater with a crack in containment.



Photo 5: Close up on crack in Photo 4.



Photo 6: A sump holding liquids.

OCD Inspection: Williams Four Corners, El Cedro Gas Plant GW - 149

Inspector(s): Brandon Powell and Leonard Lowe

<u>Company Rep</u>: Mr. David Bays Time: 09:40 – 10:50

Date: 07.30.08



<u>Photo 7</u>: Fluids within secondary containment of amine recovery tank.



Photo 8: Container holding fluids.



Photo 9: Soil/gravel staining on ground.



Photo 10: Gravel/soil staining near fan.



<u>Photo 11</u>: Large amount of unauthorized discharge near compressor engine.



Photo 12: Same as Photo 11.

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<u>Photo 13</u>: Saddle lube tank with fluids in secondary and a clogged drain.



<u>Photo 14</u>: Gravel/soil staining near compressor engines.



<u>Photo 15</u>: Fluids in another lube tank containment area.



<u>Photo 16</u>: Staining around another lube tank area.



<u>Photo 17</u>: Another lube tank stained area.



<u>Photo 18</u>: Secondary containment for used oil and condensate tank. Staining on floor.

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Photo 19: One of two sumps in secondary containment for used oil and condensate tanks.



Photo 20: Secondary containment for Used Oil and Condensate tanks appear to be leaking.



Photo 21: Standing fluids in secondary containment area.



Photo 22: Standing fluid in sump.



Photo 23: Label on tank is not legiable.

Date: 07.30.08

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<u>Photo 24</u>: Standing fluid in methanol secondary containment area.



Photo 25: Soil staining on ground.



Photo 26: Overflowed sump.



Photo 27: Overflowed sump with fluids in secondary leak detection system.



<u>Photo 28</u>: Filter drain area with standing fluids in secondary containment.

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16. OCD Inspections: The OCD performed an inspection of this station on July 30, 2008. Attached to this permit are the inspection photographs, reference photos there. The inspection concluded the following.

1. The produced water tank was not labeled. Properly label tank, photo 5.

2. Liquids need to be removed from below grade tank secondary containment. Static liquids defeat the purpose of designed BGT leak detection system, photo 6.

3. Empty container located directly on ground, photo 2. All containers empty/full shall be properly stored according to *Condition 7* of permit.

4. Soil staining, photo 4, around tank. The OCD has noted the lease amount of staining at this station and that there is always room for improvement.

Williams Four Corners must address # 1 within 60 days of this permit date. Once completed Williams Four Corners shall submit to the NMOCD a photograph for record of the completed task. All other items are addressed within the permit conditions, Williams Four Corners shall adhere to all these conditions.

17. Storm Water: The owner/operator shall implement and maintain run-on and runoff plans and controls. The owner/operator shall not discharge any water contaminant that exceeds the WQCC standards specified in 20.6.2.3101 NMAC or 20.6.4 NMAC (Water Quality Standards for Interstate and Intrastate Streams) including any oil sheen in any stormwater run-off. The owner/operator shall notify the OCD within 24 hours of discovery of any releases and shall take immediate corrective action(s) to stop the discharge.

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19. Vadose Zone and Water Pollution: The owner/operator shall address any contamination through the discharge permit process or pursuant to WQCC 20.6.2.4000-.4116 NMAC (Prevention and Abatement of Water Pollution). The OCD may require the owner/operator to modify its permit for investigation, remediation, abatement, and monitoring requirements for any vadose zone or water pollution. Failure to perform any required investigation, remediation, abatement and submit subsequent reports will be a violation of the permit.

20. Additional Site Specific Conditions: <u>N/A</u>

21. Transfer of Discharge Permit (WQCC 20.6.2.3111) Prior to any transfer of ownership, control, or possession (whether by lease, conveyance or otherwise) of a facility with a discharge permit, the transferor shall notify the transferee in writing of the existence of the discharge permit, and shall deliver or send by certified mail to the department a copy of such written notification, together with a certification or other proof that such notification has in fact been received by the transferee.

Upon receipt of such notification, the transferee shall have the duty to inquire into all of the provisions and requirements contained in such discharge permit, and the transferee shall be charged with notice of all such provisions and requirements as they appear of record in the department's file or files concerning such discharge permit. The transferee (new owner/operator) shall sign and return an original copy of these permit conditions and provide a written commitment to comply with the terms and conditions of the previously approved discharge permit.

22. Closure Plan and Financial Assurance: Pursuant to 20.6.2.3107 NMAC an owner/operator shall notify the OCD when any operations of the facility are to be discontinued for a period in excess of six months. Prior to closure, or as a condition of this permit, or request from the OCD, the operator will submit an approved closure plan, modified plan, and/or provide adequate financial assurance.

23. Certification: (Owner/Operator), by the officer whose signature appears below, accepts this permit and agrees to comply with all submitted commitments, including these terms and conditions contained here. Owner/Operator further acknowledges that the OCD may, for good cause shown, as necessary to protect fresh water, public health, safety, and the environment, change the conditions and requirements of this permit administratively

<u>Conditions accepted by</u>: "I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment."

Williams Four Corners, LLC
Company Name-print name above
David Bays
Company Representative- print name
Company Representative-Signature

Title Sr. Environmental Specialist

Date: 08/18/2008

OCD Inspection: Williams Four Corners, Cabresto CS, GW - 352 Inspector(s): Brandon Powell and Leonard Lowe Company Rep: Mr. David Bays 08 Time: 07:15 - 09:05

Date: 07.30.08



Photo 1: Facility sign.



<u>Photo 2</u>: Container located directly on the ground.



<u>Photo 3</u>: Contaminated soil covered in plastic.



Photo 4: Stained soil near saddle tank.



<u>Photo 5</u>: Produced water tank is not labeled.



Photo 6: BGT has fluids/water in its bermed area.

Page 1



Bill Richardson Governor Joanna Prukop Cabinet Secretary Reese Fullerton Deputy Cabinet Secretary

Mark Fesmire Division Director Oil Conservation Division



August 13, 2008

Mr. David Bays Williams Four Corners 188 Road 4900 Bloomfield, N.M. 87413

Re: Discharge Permit Renewal El Cedro Gas Plant and compressor station (GW-149) NE/4 NW/4 Section 31, Township 29 North, Range 5 West, NMPM, Rio Arriba County, New Mexico

Dear Mr. Bays:

Pursuant to Water Quality Control Commission (WQCC) Regulations 20.6.2.3104 - 20.6.2.3114 NMAC, the Oil Conservation Division (OCD) hereby approves the discharge permit for the **Williams Four Corners LLC,** (owner/operator) for the above referenced site contingent upon the conditions specified in the enclosed **Attachment to the Discharge Permit**. Enclosed are two copies of the conditions of approval. **Please sign and return one copy to the New Mexico Oil Conservation Division (OCD) Santa Fe Office within 30 days of receipt of this letter including permit fees.**

Please be advised that approval of this permit does not relieve the owner/operator of responsibility should operations result in pollution of surface water, ground water or the environment. Nor does approval of the permit relieve the owner/operator of its responsibility to comply with any other applicable governmental authority's rules and regulations.

If you have any questions, please contact Leonard Lowe of my staff at (505-476-3492) or E-mail leonard.lowe@state.nm.us. On behalf of the staff of the OCD, I wish to thank you and your staff for your cooperation during this discharge permit review.

Sincerely,

SIGNED BY W. PRICE

Wayne Price Environmental Bureau Chief

Attachments-1 xc: OCD District Office



ATTACHMENT- DISCHARGE PERMIT APPROVAL CONDITIONS

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1. Payment of Discharge Plan Fees: All discharge permits are subject to WQCC Regulations. Every billable facility that submits a discharge permit application will be assessed a filing fee of \$100.00, plus a flat fee (*see* WQCC Regulation 20.6.2.3114 NMAC). The Oil Conservation Division ("OCD") has received the required \$100.00 filing fee. The flat fee for a compressor station with horsepower greater than 1001 hp is \$1700.00. Please submit this amount along with the signed certification item 23. Checks should be made out to the New Mexico Water Quality Management Fund.

2. Permit Expiration, Renewal Conditions and Penalties: Pursuant to WQCC Regulation 20.6.2.3109.H.4 NMAC, this permit is valid for a period of five years. The permit will expire on October, 8, 2013 and an application for renewal should be submitted no later than 120 days before that expiration date. Pursuant to WQCC Regulation 20.6.2.3106.F NMAC, if a discharger submits a discharge permit renewal application at least 120 days before the discharge permit expires and is in compliance with the approved permit, then the existing discharge permit will not expire until the application for renewal has been approved or disapproved. *Expired permits are a violation of the Water Quality Act {Chapter 74, Article 6, NMSA 1978} and civil penalties may be assessed accordingly.*

3. Permit Terms and Conditions: Pursuant to WQCC Regulation 20.6.2.3104 NMAC, when a permit has been issued, the owner/operator must ensure that all discharges shall be consistent with the terms and conditions of the permit. In addition, all facilities shall abide by the applicable rules and regulations administered by the OCD pursuant to the Oil and Gas Act, NMSA 1978, Sections 70-2-1 through 70-2-38.

4. **Owner/Operator Commitments:** The owner/operator shall abide by all commitments submitted in its May 2008 discharge plan application, including attachments and subsequent amendments and these conditions for approval. Permit applications that reference previously approved plans on file with the division shall be incorporated in this permit and the owner/operator shall abide by all previous commitments of such plans and these conditions for approval.

5. Modifications: WQCC Regulation 20.6.2.3107.C and 20.6.2.3109 NMAC addresses possible future modifications of a permit. The owner/operator (discharger) shall notify the OCD of any facility expansion, production increase or process modification that would result in any significant modification in the discharge of water contaminants. The Division Director may require a permit modification if any water quality standard specified at 20.6.2.3103 NMAC is being or will be exceeded, or if a toxic pollutant as defined in WQCC Regulation 20.6.2.7 NMAC is present in ground water at any place of withdrawal for present or reasonably foreseeable future use, or that the Water Quality Standards for Interstate and Intrastate streams as specified in 20.6.4 NMAC are being or may be violated in surface water in New Mexico.

6. Waste Disposal and Storage: The owner/operator shall dispose of all wastes at an OCDapproved facility. Only oil field RCRA-exempt wastes may be disposed of by injection in a Class II well. RCRA non-hazardous, non-exempt oil field wastes may be disposed of at an OCDapproved facility upon proper waste determination pursuant to 40 CFR Part 261. Any waste

stream that is not listed in the discharge permit application must be approved by the OCD on a case-by-case basis.

A. OCD Rule 712 Waste: Pursuant to OCD Rule 712 (19.15.9.712 NMAC) disposal of certain non-domestic waste without notification to the OCD is allowed at NMED permitted solid waste facilities if the waste stream has been identified in the discharge permit and existing process knowledge of the waste stream does not change.

B. Waste Storage: The owner/operator shall store all waste in an impermeable bermed area, except waste generated during emergency response operations for up to 72 hours. All waste storage areas shall be identified in the discharge permit application. Any waste storage area not identified in the permit shall be approved on a case-by-case basis only. The owner/operator shall not store oil field waste on-site for more than 180 days unless approved by the OCD.

7. **Drum Storage:** The owner/operator must store all drums, including empty drums, containing materials other than fresh water on an impermeable pad with curbing. The owner/operator must store empty drums on their sides with the bungs in place and lined up on a horizontal plane. The owner/operator must store chemicals in other containers, such as tote tanks, sacks, or buckets on an impermeable pad with curbing.

8. **Process, Maintenance and Yard Areas:** The owner/operator shall either pave and curb or have some type of spill collection device incorporated into the design at all process, maintenance, and yard areas which show evidence that water contaminants from releases, leaks and spills have reached the ground surface.

9. Above Ground Tanks: The owner/operator shall ensure that all aboveground tanks have impermeable secondary containment (e.g., liners and berms), which will contain a volume of at least one-third greater than the total volume of the largest tank or all interconnected tanks. The owner/operator shall retrofit all existing tanks before discharge permit renewal. Tanks that contain fresh water or fluids that are gases at atmospheric temperature and pressure are exempt from this condition.

10. Labeling: The owner/operator shall clearly label all tanks, drums, and containers to identify their contents and other emergency notification information. The owner/operator may use a tank code numbering system, which is incorporated into their emergency response plans.

11. Below-Grade Tanks/Sumps and Pits/Ponds.

A. All below-grade tanks and sumps must be approved by the OCD prior to installation and must incorporate secondary containment with leak detection into the design. The owner/operator shall retrofit all existing systems without secondary containment and leak detection before discharge permit renewal. All existing below-grade tanks and sumps without secondary containment and leak detection must be tested annually or as specified herein. Systems that have secondary containment with leak detection shall have a monthly inspection of the leak detection system to determine if the primary containment is leaking. Small sumps or depressions in secondary containment systems used to facilitate fluid removal are exempt from these requirements if fluids are removed within 72 hours.

B. All pits and ponds, including modifications and retrofits, shall be designed by a certified registered professional engineer and approved by the OCD prior to installation. In general, all pits or ponds shall have approved hydrologic and geologic reports, location, foundation, liners, and secondary containment with leak detection, monitoring and closure plans. All pits or ponds shall be designed, constructed and operated so as to contain liquids and solids in a manner that will protect fresh water, public health, safety and the environment for the foreseeable future. The owner/operator shall retrofit all existing systems without secondary containment and leak detection before discharge permit renewal.

C. The owner/operator shall ensure that all exposed pits, including lined pits and open top tanks (8 feet in diameter or larger) shall be fenced, screened, netted, or otherwise rendered non-hazardous to wildlife, including migratory birds.

D. The owner/operator shall maintain the results of tests and inspections at the facility covered by this discharge permit and available for OCD inspection. The owner/operator shall report the discovery of any system which is found to be leaking or has lost integrity to the OCD within 15 days. The owner/operator may propose various methods for testing such as pressure testing to 3 pounds per square inch greater than normal operating pressure and/or visual inspection of cleaned tanks and/or sumps, or other OCD-approved methods. The owner/operator shall notify the OCD at least 72 hours prior to all testing.

12. Underground Process/Wastewater Lines:

A. The owner/operator shall test all underground process/wastewater pipelines at least once every five (5) years to demonstrate their mechanical integrity, except lines containing fresh water or fluids that are gases at atmospheric temperature and pressure. Pressure rated pipe shall be tested by pressuring up to one and one-half times the normal operating pressure, if possible, or for atmospheric drain systems, to 3 pounds per square inch greater than normal operating pressure, and pressure held for a minimum of 30 minutes with no more than a 1% loss/gain in pressure. The owner/operator may use other methods for testing if approved by the OCD.

B. The owner/operator shall maintain underground process and wastewater pipeline schematic diagrams or plans showing all drains, vents, risers, valves, underground piping, pipe type, rating, size, and approximate location. All new underground piping must be approved by the OCD prior to installation. The owner/operator shall report any leaks or loss of integrity to the OCD within 15 days of discovery. The owner/operator shall maintain the results of all tests at the facility covered by this discharge permit and they shall be available for OCD inspection. The owner/operator shall notify the OCD at least 72 hours prior to all testing.

13. Class V Wells: The owner/operator shall close all Class V wells (e.g., septic systems, leach fields, dry wells, etc.) that inject non-hazardous industrial wastes or a mixture of industrial wastes and domestic wastes unless it can be demonstrated that ground water will not be impacted in the reasonably foreseeable future. Leach fields and other wastewater disposal systems at OCD-regulated facilities that inject non-hazardous fluid into or above an underground source of drinking water are considered Class V injection wells under the EPA UIC program. Class V wells that inject domestic waste only, must be permitted by the New Mexico Environment Department (NMED).

14. Housekeeping: The owner/operator shall inspect all systems designed for spill collection/prevention and leak detection at least monthly to ensure proper operation and to prevent over topping or system failure. All spill collection and/or secondary containment devices shall be emptied of fluids within 72 hours of discovery. The owner/operator shall maintain all records at the facility and available for OCD inspection.

15. Spill Reporting: The owner/operator shall report all unauthorized discharges, spills, leaks and releases and conduct corrective action pursuant to WQCC Regulation 20.6.2.1203 NMAC and OCD Rule 116 (19.15.3.116 NMAC). The owner/operator shall notify both the OCD District Office and the Santa Fe Office within 24 hours and file a written report within 15 days.

16. OCD Inspections: The OCD performed an inspection of this facility on July 30, 2008. Mr. David Bays, Williams Four Corners and Mr. Brandon Powell, OCD Aztec were in attendance. Inspection photos referenced below are attached to the permit. The inspection concluded the following:

- 1. Several contaminated soils were noted throughout the facility, reference photos 2, 9, 10, 11, 14, 15, 16, 17, 20, 25, and 26. <u>Williams Four Corners shall clean and properly dispose of these</u> soils and prevent any more unnecessary discharges.
- 2. Several standing fluids were noted throughout the facility, reference photos 1, 7, 8, 13, 15, 21, 22, 24, and 28. Standing fluids in secondary containments and sumps are to be removed within 72 hours. Secondary containments are not intended to hold fluids for normal working function of the facility but only for prevention of discharge on to the ground. <u>Williams Four Corners shall remove any fluids in a timely manner</u> as to not violate its discharge plan permit conditions.
- 3. Below Grade Tanks with leak detection appear to contain fluids. During the monthly inspection of these systems Williams Four Corners shall immediately address the cause for fluid presence. A leak detection system is not intended to hold fluids indefinitely. <u>Williams Four Corners shall test their BGT's to ensure it still has integrity and submit the report to the OCD</u>. All personnel at this facility shall monitor all BGT's leak detection system as noted within the permit conditions.
- 4. The secondary containment for the Used Oil and Produced Water appears to have a leaking crack, see photo 20. There appears to be a breach in the lower seam of the outer containment area. <u>Williams Four Corners shall address this concern and provide the OCD the findings of this concern</u>.
- 5. <u>The OCD would like Williams Four Corners to present the Discharge Plan Permit conditions</u> to all Williams Four Corners and operators of this facility. This is to ensure that all personnel at this facility understand the conditions pertaining to this facility.

All these findings are stated within the Permit conditions. This inspection concluded violations of the existing permit. Williams Four Corners has 60 days from this permit date to address theses concerns. The OCD will expect a resolution and report for each of these findings. A Notice of Deficiency letter was previously sent to Williams Four Corners addressing these identical concerns. In order to not incur any fines or penalties Williams Four Corners shall address these findings within this time allotted by the New Mexico Oil Conservation Division and work to prevent reoccurrence of such activities in the future at this and all their facilities.

17. Storm Water: The owner/operator shall implement and maintain run-on and runoff plans and controls. The owner/operator shall not discharge any water contaminant that exceeds the WQCC standards specified in 20.6.2.3101 NMAC or 20.6.4 NMAC (Water Quality Standards for Interstate and Intrastate Streams) including any oil sheen in any stormwater run-off. The owner/operator shall notify the OCD within 24 hours of discovery of any releases and shall take immediate corrective action(s) to stop the discharge.

18. Unauthorized Discharges: The owner/operator shall not allow or cause water pollution, discharge or release of any water contaminant that exceeds the WQCC standards listed in 20.6.2.3101 NMAC or 20.6.4 NMAC (Water Quality Standards for Interstate and Intrastate Streams) unless specifically listed in the permit application and approved herein. <u>An</u> <u>unauthorized discharge is a violation of this permit.</u>

19. Vadose Zone and Water Pollution: The owner/operator shall address any contamination through the discharge permit process or pursuant to WQCC 20.6.2.4000-.4116 NMAC (Prevention and Abatement of Water Pollution). The OCD may require the owner/operator to modify its permit for investigation, remediation, abatement, and monitoring requirements for any vadose zone or water pollution. Failure to perform any required investigation, remediation, abatement and submit subsequent reports will be a violation of the permit.

20. Additional Site Specific Conditions: <u>N/A</u>

21. Transfer of Discharge Permit (WQCC 20.6.2.3111) Prior to any transfer of ownership, control, or possession (whether by lease, conveyance or otherwise) of a facility with a discharge permit, the transferor shall notify the transferee in writing of the existence of the discharge permit, and shall deliver or send by certified mail to the department a copy of such written notification, together with a certification or other proof that such notification has in fact been received by the transferee.

Upon receipt of such notification, the transferee shall have the duty to inquire into all of the provisions and requirements contained in such discharge permit, and the transferee shall be charged with notice of all such provisions and requirements as they appear of record in the department's file or files concerning such discharge permit. The transferee (new owner/operator) shall sign and return an original copy of these permit conditions and provide a written commitment to comply with the terms and conditions of the previously approved discharge permit.

22. Closure Plan and Financial Assurance: Pursuant to 20.6.2.3107 NMAC an owner/operator shall notify the OCD when any operations of the facility are to be discontinued for a period in excess of six months. Prior to closure, or as a condition of this permit, or request from the OCD, the operator will submit an approved closure plan, modified plan, and/or provide adequate financial assurance.

23. Certification: (Owner/Operator), by the officer whose signature appears below, accepts this permit and agrees to comply with all submitted commitments, including these terms and conditions contained here. Owner/Operator further acknowledges that the OCD may, for good

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cause shown, as necessary to protect fresh water, public health, safety, and the environment, change the conditions and requirements of this permit administratively

<u>Conditions accepted by</u>: "I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment."

Company Name-print name above

Company Representative- print name

Company Representative- Signature

Title_____

Date:_____

OCD Inspection: Williams Four Corners, El Cedro Gas Plant GW - 149

Inspector(s): Brandon Powell and Leonard Lowe

Company Rep: Mr. David Bays Time: 09:40 - 10:50

Date: 07.30.08

Page 1



<u>Photo 1</u>: Leak detection in submerged sump.



<u>Photo 2</u>: Stained gravel next to submerged sump in Photo 1.



<u>Photo 3</u>: Two unlabeled saddle tanks on the south side of yard.



<u>Photo 4</u>: Sump in secondary containment of unused heater with a crack in containment.



Photo 5: Close up on crack in Photo 4.



Photo 6: A sump holding liquids.

OCD Inspection: Williams Four Corners, El Cedro Gas Plant GW - 149

Inspector(s): Brandon Powell and Leonard Lowe Company Rep: Mr. David Bays

Time: 09:40 – 10:50

Date: 07.30.08



<u>Photo 7</u>: Fluids within secondary containment of amine recovery tank.



Photo 8: Container holding fluids.



Photo 9: Soil/gravel staining on ground.



Photo 10: Gravel/soil staining near fan.



<u>Photo 11</u>: Large amount of unauthorized discharge near compressor engine.



Photo 12: Same as Photo 11.

OCD Inspection: Williams Four Corners, El Cedro Gas Plant GW - 149 Inspector(s): Brandon Powell and Leonard Lowe

Company Rep: Mr. David Bays Time: 09:40 – 10:50

Date: 07.30.08

<u>Photo 13</u>: Saddle lube tank with fluids in secondary and a clogged drain.



<u>Photo 14</u>: Gravel/soil staining near compressor engines.



<u>Photo 15</u>: Fluids in another lube tank containment area.



<u>Photo 16</u>: Staining around another lube tank area.



<u>Photo 17</u>: Another lube tank stained area.



<u>Photo 18</u>: Secondary containment for used oil and condensate tank. Staining on floor.

OCD Inspection: Williams Four Corners, El Cedro Gas Plant GW - 149
Inspector(s): Brandon Powell and Leonard Lowe
Company Rep: Mr. David Bays
30.08
Time: 09:40 – 10:50

Date: 07.30.08



<u>Photo 19</u>: One of two sumps in secondary containment for used oil and condensate tanks.



<u>Photo 20</u>: Secondary containment for Used Oil and Condensate tanks appear to be leaking.



<u>Photo 21</u>: Standing fluids in secondary containment area.



Photo 22: Standing fluid in sump.



Photo 23: Label on tank is not legiable.

Date: 07.30.08



<u>Photo 24</u>: Standing fluid in methanol secondary containment area.



Photo 25: Soil staining on ground.



Photo 26: Overflowed sump.



Page 5

Photo 27: Overflowed sump with fluids in secondary leak detection system.



<u>Photo 28</u>: Filter drain area with standing fluids in secondary containment.

Lowe, Leonard, EMNRD

From:	Lowe, Leonard, EMNRD
Sent:	Friday, June 06, 2008 3:35 PM
То:	'Bays, David'
Cc:	'Deklau, Ingrid'; Powell, Brandon, EMNRD
Subject:	GW-149, Admin. Complete
Attachments:	GW-149, Admin Complete Letter.pdf: GW-149, Draft Permit.pdf: GW-149, OCD PN.pdf

Mr. David Bays,

The discharge plan application for GW-149 has been determined to be administratively complete. Attached are documents for your records.

Please submit to the OCD your proof of publication affidavit once notice has been published.

Thank you.

llowe

Leonard Lowe

Environmental Engineer Oil Conservation Division/EMNRD 1220 S. St. Francis Drive Santa Fe, N.M. 87505 Office: 505-476-3492 Fax: 505-476-3462 E-mail: leonard.lowe@state.nm.us Website: http://www.emnrd.state.nm.us/ocd/ New Mexico Energy, Minerals and Natural Resources Department

Bill Richardson Governor Joanna Prukop Cabinet Secretary Reese Fullerton Deputy Cabinet Secretary

Mark Fesmire Division Director Oil Conservation Division



June 6, 2008

Mr. David Bays Williams Four Corners 188 Road 4900 Bloomfield, N.M. 87413

Re: Discharge Plan Renewal Permit GW-149 Williams Four Corners, LLC El Cedro Gas Plant and compressor station Rio Arriba County, New Mexico

Dear Mr. Bays:

The New Mexico Oil Conservation Division (NMOCD) has received Williams Four Corners' request and initial fee, dated May 13, 2008, to renew GW-149 for the El Cedro gas plant and compressor Station located in the NE/4 NW/4 of Section 31, Township 29 North, Range 5 West, NMPM, Rio Arriba County, New Mexico. The initial submittal provided the required information in order to deem the application "administratively" complete.

The submitted applicant public notice has been demonstrated and has met the New Mexico Water Quality Control Commission regulations (WQCC) notice requirements of 20.6.2.3108 NMAC and has therefore been **approved** for publishing. Please submit to the OCD a proof of publication affidavit once published. NMOCD will provide public notice pursuant to the WQCC notice requirements of 20.6.2.3108 NMAC to determine if there is any public interest.

If there are any questions regarding this matter, please do not hesitate to contact me at (505) 476-3492 or <u>leonard.lowe@state.nm.us</u>. On behalf of the staff of the NMOCD, I wish to thank you and your staff for your cooperation during this discharge permit review.

Sincerely,

Leonard Lowe Environmental Engineer

LRL/lrl

xc: OCD District III Office, Aztec



New Mexico Energy, Minerals and Natural Resources Department

Bill Richardson Governor Joanna Prukop Cabinet Secretary Reese Fullerton Deputy Cabinet Secretary

Mark Fesmire Division Director Oil Conservation Division



June 6, 2008

Mr. David Bays Williams Four Corners 188 Road 4900 Bloomfield, N.M. 87413

Re: **DRAFT** Discharge Permit Renewal El Cedro Gas Plant and compressor station (GW-149) NE/4 NW/4 Section 31, Township 29 North, Range 5 West, NMPI Rio Arriba County, New Mexico

Dear Mr. Bays:

Pursuant to Water Quality Control Commission (WQCC) Regulations 20.6.2.3104 - 20.6.2.3114 NMAC, the Oil Conservation Division (OCD) hereby approves the discharge permit for the **Williams Four Corners LLC**, (owner/operator) for the above referenced site contingent upon the conditions specified in the enclosed Attachment to the Discharge Permit. Enclosed are two copies of the conditions of approval. Please sign and return one copy to the New Mexico Oil Conservation Division (OCD) Santa Fe Office within 30 days of receipt of this letter including permit fees.

Please be advised that approval of this permit does not relieve the owner/operator of responsibility should operations result in pollution of surface water, ground water or the environment. Nor does approval of the permit relieve the owner/operator of its responsibility to comply with any other applicable governmental authority's rules and regulations.

The final permit should be issued in approximately 45 days. If you have any questions, please contact Leonard Lowe of my staff at (505-476-3492) or E-mail leonard.lowe@state.nm.us. On behalf of the staff of the OCD. I wish to thank you and your staff for your cooperation during this discharge permit review.

Sincerely,

Wayne Price Environmental Bureau Chief

Attachments-1 xc: OCD District Office



Mr. David Bays Williams Four Corners, LLC. GW-149 **DRAFT** June 6, 2008 Page 2

ATTACHMENT- DISCHARGE PERMIT APPROVAL CONDITIONS

1. Payment of Discharge Plan Fees: All discharge permits are subject to WQCC Regulations. Every billable facility that submits a discharge permit application will be assessed a filing fee of \$100.00, plus a flat fee (*see* WQCC Regulation 20.6.2.3114 NMAC). The Oil Conservation Division ("OCD") has received the required \$100.00 filing fee. *The flat fee for a* gas plant/compressor staion is \$4000.00. Please submit this amount along with the signed certification item 23. Checks should be made out to the New Mexico Water Quality Management Fund.

2. Permit Expiration, Renewal Conditions and Penalfies: Pursuant to WQCC Regulation 20.6.2.3109.H.4 NMAC, this permit is valid for a period of five years. The permit will expire on October, 8, 2013 and an application for renewal should be submitted no later than 120 days before that expiration date. Pursuant to WQCC Regulation 20.6.2.3106.F NMAC, if a discharger submits a discharge permit renewal application at least 120 days before the discharge permit expires and is in compliance with the approved permit, then the existing discharge permit will not expire until the application for renewal has been approved or disapproved. *Expired permits are a violation of the Water Quality Act {Chapter 74, Article 6, NMSA 1978} and civil penalties may be assessed accordingly*.

3. Permit Terms and Conditions: Pursuant to WQCC Regulation 20.6.2.3104 NMAC, when a permit has been issued, the owner/operator must ensure that all discharges shall be consistent with the terms and conditions of the permit. In addition, all facilities shall abide by the applicable rules and regulations administered by the OCD pursuant to the Oil and Gas Act, NMSA 1978, Sections 70-2-1 through 70-2-38.

4. **Owner/Operator Commitments:** The owner/operator shall abide by all commitments submitted in its May 2008 discharge plan application, including attachments and subsequent amendments and these conditions for approval. Permit applications that reference previously approved plans on file with the division shall be incorporated in this permit and the owner/operator shall abide by all previous commitments of such plans and these conditions for approval.

5. Modifications: WQCC Regulation 20.6.2.3107.C and 20.6.2.3109 NMAC addresses possible future modifications of a permit. The owner/operator (discharger) shall notify the OCD of any facility expansion, production increase or process modification that would result in any significant modification in the discharge of water contaminants. The Division Director may require a permit modification if any water quality standard specified at 20.6.2.3103 NMAC is being or will be exceeded, or if a toxic pollutant as defined in WQCC Regulation 20.6.2.7 NMAC is present in ground water at any place of withdrawal for present or reasonably foreseeable future use, or that the Water Quality Standards for Interstate and Intrastate streams as specified in 20.6.4 NMAC are being or may be violated in surface water in New Mexico.

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stream that is not listed in the discharge permit application must be approved by the OCD on a case-by-case basis.

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Mr. David Bays Williams Four Corners, LLC. GW-149 **DRAFT** June 6, 2008 Page 4

B. All pits and ponds, including modifications and retrofits, shall be designed by a certified registered professional engineer and approved by the OCD prior to installation. In general, all pits or ponds shall have approved hydrologic and geologic reports, location, foundation, liners, and secondary containment with leak detection, monitoring and closure plans. All pits or ponds shall be designed, constructed and operated so as to contain liquids and solids in a manner that will protect fresh water, public health, safety and the environment for the foreseeable future. The owner/operator shall retrofit all existing systems without secondary containment and leak detection before discharge permit renewal.

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12. Underground Process/Wastewater Link

The owner/oper for sh t all underground proces wastewater pipelines at least once A. every five (5) years 1/ emonstral, heir mechanical integrity, except lines containing fresh water or fluids that are gases mospheric temperature and pressure. Pressure rated pipe shall be tested by pressuring up to one and the norm coperating pressure, if possible, or for all the ounds participation inch greater than normal operating pressure, and atmospheric drain systems," pressure eld for aimum o minutes when no more than a 1% loss/gain in pressure. The berator may for testing if approved by the OCD. owner ther med

B. The wner/operato wall main ain underground process and wastewater pipeline schematic diagrams or the schematic diagram or the

13. Class V Wells: The owner/operator shall close all Class V wells (e.g., septic systems, leach fields, dry wells, etc.) that inject non-hazardous industrial wastes or a mixture of industrial wastes and domestic wastes unless it can be demonstrated that ground water will not be impacted in the reasonably foreseeable future. Leach fields and other wastewater disposal systems at OCD-regulated facilities that inject non-hazardous fluid into or above an underground source of drinking water are considered Class V injection wells under the EPA UIC program. Class V wells that inject domestic waste only, must be permitted by the New Mexico Environment Department (NMED).

Mr. David Bays Williams Four Corners, LLC. GW-149 **DRAFT** June 6, 2008 Page 5

14. Housekeeping: The owner/operator shall inspect all systems designed for spill collection/prevention and leak detection at least monthly to ensure proper operation and to prevent over topping or system failure. All spill collection and/or secondary containment devices shall be emptied of fluids within 72 hours of discovery. The owner/operator shall maintain all records at the facility and available for OCD inspection.

15. Spill Reporting: The owner/operator shall report all unauthorized discharges, spills, leaks and releases and conduct corrective action pursuant to WQCC Regress 20.5.12.1203 NMAC and OCD Rule 116 (19.15.3.116 NMAC). The owner/operator still notify both the OCD District Office and the Santa Fe Office within 24 hours and file a writt in result within 15 days.

16. OCD Inspections: The OCD may place additional requirements on the facility and modify the permit conditions based on OCD inspections.

17. Storm Water: The owner/operator shall implement and maintain run-on and runoff plans and controls. The owner/operator shall not discharge any water contaminant that exceeds the WQCC standards specified in 20.6.2.3101 NMAC or 20.6.4 NMAC (Water Quality Standards for Interstate and Intrastate Streams) including any oil sheen in any stormwater run-off. The owner/operator shall notify the OCD within 24 hours of discovery of any releases and shall take immediate corrective action(s) to stop the discharge.

18. Unauthorized Discharges: The owner/operator shall not allow or cause water pollution, discharge or release of any water contaminant that exceeds the WQCC standards listed in 20.6.2.3101 NMAC or 20.6.4 NMAC (Water Quality Standards for Interstate and Intrastate Streams) unless specifically listed in the permit application and approved herein. <u>An</u> <u>unauthorized discharge is a violation of this permit</u>

19. Vadose Zone and Water Pollution: The owner/operator shall address any contamination through the discharge permit process or pursuant to WQCC 20.6.2.4000-.4116 NMAC (Prevention and Abatement of Water Pollution). The OCD may require the owner/operator to modify its permit for investigation, remediation, abatement, and monitoring requirements for any vadose zone or water pollution. Failure to perform any required investigation, remediation, abatement and submit subsequent reports will be a violation of the permit.

20. Additional Site Specific Conditions: <u>N/A</u>

21. Transfer of Discharge Permit (WQCC 20.6.2.3111) Prior to any transfer of ownership, control, or possession (whether by lease, conveyance or otherwise) of a facility with a discharge permit, the transferor shall notify the transferee in writing of the existence of the discharge permit, and shall deliver or send by certified mail to the department a copy of such written notification, together with a certification or other proof that such notification has in fact been received by the transferee.

Upon receipt of such notification, the transferee shall have the duty to inquire into all of the provisions and requirements contained in such discharge permit, and the transferee shall be charged with notice of all such provisions and requirements as they appear of record in the

Mr. David Bays Williams Four Corners, LLC. GW-149 **DRAFT** June 6, 2008 Page 6

department's file or files concerning such discharge permit. The transferee (new owner/operator) shall sign and return an original copy of these permit conditions and provide a written commitment to comply with the terms and conditions of the previously approved discharge permit.

22. Closure Plan and Financial Assurance: Pursuant to 20.6.2.3107 NMAC an owner/operator shall notify the OCD when any operations of the facility are to be discontinued for a period in excess of six months. Prior to closure, or as a condition of this permit, or request from the OCD, the operator will submit an approved closure plan, modified plan, and/or provide adequate financial assurance.

23. Certification: (Owner/Operator), by the officer whose sector ture appears below, accepts this permit and agrees to comply with all submitted commits, into sing these terms and conditions contained here. Owner/Operator further account we less that the OCD may, for good cause shown, as necessary to protect fresh water, public health, safety, and the novironment, change the conditions and requirements of this per sit administratively

<u>Conditions accepted by</u>: "I certify under penalty of la that I we personally examined and am familiar with the information submitted in this documer, if all attachments and that, based on my inquiry of those individuals immediately responsible to training the information, I believe that the information is true, accurate, and examplete. I am away that there are significant penalties for submitting false information on the possibility of the possi



NOTICE OF PUBLICATION

STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations (20.6.2.3106 NMAC), the following discharge permit application(s) has been submitted to the Director of the New Mexico Oil Conservation Division ("NMOCD"), 1220 S. Saint Francis Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3440:

(GW-149) Williams Four Corners., Mr. David Bays, Senior Environmental Specialist, 188 County Road 4900, Bloomfield, N.M. 87413, has submitted a renewal application for the previously approved discharge plan for their El Cedro Gas plant and compressor station, located in the NE/4 NW/4 of Section 31, Township 29 North, Range 5 West, NMPM, Rio Arriba County, approximately 24 miles east of Blanco, New Mexico. The function of the facility is to remove CO_2 from a portion of the incoming natural gas using an amine treating system, to dehydrate portions of the incoming natural gas, and to compress the treated natural gas for pipeline transmission using compressors. Approximately 100-5000 gal/year/unit of waste/wash down water; 1000-4000 bbl/year of used glycol; 500-2000 gal/year/engine of used oil and 200 gal/year of lab waste are generated and stored in onsite within a bermed area prior to disposal at an NMOCD approved facility. Groundwater most likely to be affected by a spill, leak or accidental discharge is at a depth of approximately 20-300 feet, with a total dissolved solids concentration of approximately 200 - 2000 mg/l. The discharge plan addresses how oilfield products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

The NMOCD has determined that the application is administratively complete and has prepared a draft permit. The NMOCD will accept comments and statements of interest regarding this application and will create a facility-specific mailing list for persons who wish to receive future notices. Persons interested in obtaining further information, submitting comments or requesting to be on a facility-specific mailing list for future notices may contact the Environmental Bureau Chief of the Oil Conservation Division at the address given above. The administrative completeness determination and draft permit may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday, or may also be viewed at the NMOCD web site http://www.enurd.state.nm.us/ocd/. Persons interested in obtaining a copy of the application and draft permit may contact the NMOCD at the address given above. Prior to ruling on any proposed discharge permit or major modification, the Director shall allow a period of at least thirty (30) days after the date of publication of this notice, during which interested persons may submit comments or request that NMOCD hold a public hearing. Requests for a public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines that there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed permit based on information available, including all comments received. If a public hearing is held, the director will approve or disapprove the proposed permit based on information in the permit application and information submitted at the hearing.

Para obtener más información sobre esta solicitud en espanôl, sirvase comunicarse por favor: New Mexico Energy, Minerals and Natural Resources Department (Depto. Del Energia, Minerals y Recursos Naturales de Nuevo México), Oil Conservation Division (Depto. Conservacio'n Del Petróleo), 1220 South St. Francis Drive, Santa Fe, New México (Contacto: Dorothy Phillips, 505-476-3461)

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 6th day of June 2008.

STATE OF NEW MEXICO OIL CONSERVATION DIVISION

4 1 m

SEAL

Mark Fesmire, Director

Cirrus Consulting, LLC

May 28, 2008

Mr. Leonard Lowe New Mexico Oil Conservation Division 1220 South St. Francis Drive Santa Fe, New Mexico 87505

Subject: Discharge Plan Renewal Applications Williams Four Corners, LLC El Cedro Plant (GW-149) and Cabresto Compressor Station (GW-352)

Dear Mr. Lowe:

On behalf of Williams Four Corners, LLC, Cirrus Consulting, LLC is pleased to submit Discharge Plan renewal applications for the El Cedro Plant (GW-149) and Cabresto Compressor Station (GW-352).

Enclosed are two copies of each application and a check for \$100 for each facility's filing fee.

If any additional information is needed, please contact me at the number below or Mr. David Bays of Williams Four Corners, LLC at (505) 634-4951.

Sincerely,

Ingrid Deklau

xc:

Brandon Powell, OCD District 3 David Bays



ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

. . . .

I hereby acknowledge receipt of check No.	dated 5/28/08
or cash received on in the amount of $\frac{100}{200}$	20
from EL Cectro Willimens	
for <u>Gw-149</u>	
Submitted by: 1 AWTERICE Roykers Date:	6/4/08
Submitted to ASD by: Covers Date: Date:	6/4/08
Received in ASD by: Date:	
Filing Fee New Facility Renewal	····
Modification Other	e An an
Organization Code521.07 Applicable FY200)4
To be deposited in the Water Quality Management Fund.	•
Full Payment or Annual Increment	



El Cedro Natural Gas Treating Plant and Compressor Station

NMOCD Discharge Plan GW-149 Renewal

Williams Four Corners, LLC 188 CR 4900 Bloomfield, NM 87413

June 2008

Item I

Indicate the major operational purpose of the facility. If the facility is a natural gas purification plant (CO_2 removal) and compressor station include the total combined site rated horsepower.

El Cedro was originally constructed in 1981. This facility is classified as a natural gas treating plant and compressor station. The function of the facility is to remove CO2 from a portion of the incoming natural gas using an amine treating system, to dehydrate portions of the incoming natural gas, and to compress the treated natural gas for pipeline transmission using compressors driven by gas fired turbines and reciprocating internal combustion engines. The site is permitted for nine 1,084 hp Waukesha 7042GL compressors, five 1,577 hp Waukesha L7044 GSI compressors, two 11,257 hp Solar Mars turbines, and three triethylene glycol dehydrators. Compressors and dehydrators may be installed or removed to meet demand. In addition, there are various storage tanks, support structures and ancillary equipment.

Item 2

Name of operator or legally responsible party and local representative.

Legally Responsible Party/ Operator	Williams Four Corners, LLC 188 County Road 4900 Bloomfield, NM 87413 (505) 632-4600/4634 (800)-645-7400 (24 hour emergency notification)
Local Representative	David Bays Williams Four Corners, LLC 188 County Road 4900 Bloomfield, NM 87413 (505) 634-4951

Item 3

Give a legal description of the location and county. Attach a large-scale topographic map.

Rio Arriba County, New Mexico

Township 29 North, Range 5 West, NE/4 NW/4 Section 31 The topographic map is attached as Figure 1.

Item 4

Attach the name, telephone number and address of the landowner of the facility site.

Joseph, Dennis, George, Armando, and Henry Espinosa P.O. Box 5104 Pagosa Springs, CO 81147

Item 5

Attach a description of the facility with a diagram indicating location of fences, pits, dikes and tanks on the facility.

The facility has added a condensate stabilizer. It will be used to capture vapors from unstabilized condensate entering the plant; thereby reducing flash emissions from the condensate storage tanks. The flash vapors will be compressed and routed into the plant for dehydration and processing. Stabilized condensate will be routed into four condensate tanks for storage until it can be transported off-site by truck (see Tank 25). Water will be separated from the liquid hydrocarbons after initial separation (Tank 28) and be stored in two produced water tanks (Tank 29). Any water left over after the condensate stabilizer will be stored in Tank 20. The facility plot plan is included with this document as Figure 2.

Item 6

Attach a description of all materials stored or used at the facility.

Table 1 describes the transfer, storage and disposal of exempt and non-exempt process fluids, effluents, and waste solids expected to be generated at the site.

MSDSs for materials at the site will be maintained in Williams' corporate office and will be available upon request.

Item 7

Attach a description of present sources of effluent and waste solids. Average quality and daily volume of wastewater must be included.

The source, quantity, and quality of effluent and waste solids expected to be generated at the compressor station are summarized in Table 2.

Item 8

Attach a description of current liquid and solid waste collection/treatment/disposal procedures.

There have been no modifications except that used oil filters and oil soaked pads and socks will be recycled per OCD regulations. This is reflected in Table 1, which describes the transfer, storage and disposal of exempt and non-exempt process fluids, effluents, and waste solids expected to be generated at the site. See additional information on-file at OCD.

Item 9

Attach a description of proposed modifications to existing collection/treatment/disposal systems.

No modifications to the facility are necessary to meet NMOCD requirements.

Item 10

Attach a routine inspection and maintenance plan to ensure permit compliance.

There have been no modifications to this item. See information on-file at OCD.

Item 11

Attach a contingency plan for reporting and clean up of spills or releases.

There have been no modifications to this item. See information on-file at OCD.

Item 12

Attach ecological/hydrological information for the facility. Depth to and quality of groundwater must be included.

A review of the available hydrologic data (1,2) for this area revealed that there are two water wells within a radius of approximately one-quarter mile from the location of the facility. The estimated ground water depth at the site is 50 to 300 feet. The ground water in the area is expected to have a total dissolved solids (TDS) concentration of approximately 200-2,000 mg/l. The table below presents available information provided for each of the wells. See additional information on-file at OCD.

Township; Range; Section	Quarter ^a	Apx. Distance from Site (mi)	Well #	Use ^b	Well Depth (ft)	Water Bearing Stratification (ft)	Description	Depth to Water (ft)
29N; 5W; 31	2,3,1	0.25	SJ 00056	unk	142	60-65	Drilled in 1954; Source: shallow	50
29N; 5W; 31	2,3,1	0.25	SJ 00057	unk	158	150-158	Drilled in 1954; Source: shallow; Sandstone/Gravel/Conglomerate	57

Note a: 1=NW/4; 2=NE/4; 3=SW/4; 4=SE/4 Note b: dom = domestic; unk=unknown

References

¹Stone, W.J., Lyford, F.P., Frenzel, P.F., Mizell, N.H., Padgett, E.T., 1983, Hydrology and Water Resources of San Juan Basin, New Mexico Bureau of Mines and Mineral Resources, Hydrologic Report 6.

²Online Well Reports and Downloads, New Mexico Office of the State Engineer, search performed 4/2008.

Item 13

Attach a facility closure plan, and other information as is necessary to demonstrate compliance with any other OCD rules, regulations and/or orders.

There have been no modifications to this section. See information on-file at OCD.





Table 1 Transfer, Storage and Disposal of Process Fluids, Effluent and Waste Solids

PROCESS FLUID/WASTE	STORAGE	STORAGE CAPACITY (approximate)	CONTAINMENT/ SPILL PREVENTION	RCRA STATUS	DESCRIPTION OF FINAL DISPOSITION
Used Oil [2] recips [30] gen bldg	Above Ground Storage Tank	6930 gal (2) 800 gal [30]	Berm In generator bidg	Non- exempt	May be hauled to a Williams or contractor consolidation point before transport to EPA-registered used oil marketer for recycling.
Natural Gas Condensate [25] stabilized condensate storage	Above Ground Storage Tank	2@500 bbl 2@300 bbl [25]	Berm Berm	Exempt	Saleable liquids may be sold to refinery. The remaining liquids may be transported to a Williams' evaporation facility or may be disposed at any facility permitted by any state, federal, or tribal agency to receive industrial solid waste. Any waste that is determined to be hazardous as defined by 40 CFR 260-265 will be disposed only at a facility permitted to accept such hazardous waste.
Natural Gas Condensate [28] process vessel for separation	Above Ground Storage Tank	1714 bbi [28]	Process vessel for separation. Produced Water to [29]; Condensate to [25]	Exempt	Stabilized hydrocarbon liquids are collected by Western Refining and transported to the Bloomfield refinery for processing. The produced warter phase is transported to a permitted, commercial Class 2 underground injection well for disposal.
Produced Water [29] produced water phase from[28] [20] produced water phase from stabilizer skid	Above Ground Storage Tank	2@8400 gal [29] 300 bbi [20]	Berm Berm	Exempt	Saleable liquids may be sold to refinery. The remaining liquids may be transported to a Williams' evaporation facility or may be disposed at any facility permitted by any state, federal, or tribal agency to receive industrial solid waste. Any waste that is determined to be hazardous as defined by 40 CFR 260-265 will be disposed only at a facility permitted to accept such hazardous waste.
Used Oil Sump [4a] from recips	Below Grade	368 gal [4a]	Duai-walled tank	Non- exempt	May be hauled to a Williams or contractor consolidation point before transport to EPA-registered used oil marketer for recycling.
Waste Water Sump [4b] from recip skids [11a] from turbines, in bldg [11b] from sump in bldg	Below Grade	368 gal[4b] 368 gal [11a] 2100 gal [11b]	Dual-walled tank Dual-walled tank Dual-walled tank	Non- exempt	Contractor may pump wash water back into truck after washing; water may be transported to any facility permitted by any state, federal, or tribal agency to receive industrial solid waste; or evaporation at Williams' facility may be considered. Any waste determined to be hazardous as defined by 40 CFR 260-265 will be disposed only at a facility permitted to accept such waste.
Waste Water [3] from recip skid sump [12] from turbine sump	Above Ground Storage Tank	6930 gal [3] 50 bbl [12]	Berm Berm	Non- exempt	Contractor may pump wash water back into truck after washing; water may be transported to any facility permitted by any state, federal, or tribal agency to receive industrial solid waste; or evaporation at Williams' facility may be considered. Any waste determined to be hazardous as defined by 40 CFR 260-265 will be disposed only at a facility permitted to accept such waste.
Waste Water Sump [13] Amine Process Area Sump	Below Grade	294 gal [13]	Dual-wailed tank	Exempt	Transported for disposal at any facility permitted by any state, federal, or tribal agency to receive industrial solid waste. Any waste that is determined to be hazardous as defined by 40 CFR 260-265 will be disposed only at a facility permitted to accept such hazardous waste.
Waste Water [16] from amine process area sump, tanks piped together	Above Ground Storage Tank	300 bbi 165 bbi [16]	Berm Berm	Exempt	Transported for disposal at any facility permitted by any state, federal, or tribal agency to receive industrial solid waste or evaporation at Williams' facility may be considered. Any waste that is determined to be hazardous as defined by 40 CFR 260-265 will be disposed only at a facility permitted to accept such hazardous waste. Recycling options may be considered when available.
Used Glycol [21] from field	Above Ground Storage Tank	300 bbl [21]	Berm	Exempt	Transported for disposal at any facility permitted by any state, federal, or tribal agency to receive industrial solid waste. Any waste that is determined to be hazardous as defined by 40 CFR 260-265 will be disposed only at a facility permitted to accept such hazardous waste. Recycling options may be considered when available.
Used Oil Filters and Oil Soaked Pads and Socks	Drum or other container	Varies	Transported in drum or other container	Non- exempt	Used oil filters and oil soaked pads and socks will be recycled as required by OCD regulation.

El Cedro Discharge Plan – Table 1

PROCESS FLUID/WASTE	STORAGE	STORAGE CAPACITY (approximate	CONTAINMENT/ SPILL PREVENTION	RCRA STATUS	DESCRIPTION OF FINAL DISPOSITION	
Used Process Filters	Drum or other container	Varies	Transported in drum or other container	Exempt	Transported to a Williams or contractor consolidation point, drained, and ultimately transported for disposal at any facility permitted by any state, federal, or tribal agency to receive industrial solid waste. Any waste that is determined to be hazardous as defined by 40 CFR 260-265 will be disposed only at a facility permitted to accept such hazardous waste. Recycling options may be considered when available.	
Spill Residue (e.g., soil, gravel, etc.)	N/A	N/A	In situ treatment, land-farm, or alternate method	Incident dependent	Per Section VI, Remediation, in 8/13/93 NMOCD Guidelines for Remediation of Leaks, Spills, and Releases.	
Used Absorbents	Drum or other container	Varies	Transported in drum or other container	Non- exempt	Transported to a Williams or contractor consolidation point, drained, and ultimately transported for disposal at any facility permitted by any state, federal, or tribal agency to receive industrial solid waste. Any waste that is determined to be hazardous as defined by 40 CFR 260-265 will be disposed only at a facility permitted to accept such hazardous waste. Recycling options may be considered when available.	
Empty Drums / Containers	N/A	N/A	Berm	Non - exempt	Barrels are returned to supplier or transported to a Williams or contractor consolidation point and ultimately recycled/disposed consistent with applicable regulations.	
Cleaner [19]	Above Ground Storage Tank	500 gal [19]	Berm	N/A	Off-spec material recycled or disposed consistent with applicable regulations.	
Antifreeze [17]	Above Ground Storage Tank	800 gal(17)	Concrete pad	N/A	Off-spec material recycled or disposed consistent with applicable regulations.	
[5]	Above Ground Storage Tank	500 gal (5)	Concrete pad	N/A	Off-spec material recycled or disposed consistent with applicable regulations.	
Diesel [6]	Above Ground Storage Tank	300 gal (6)	Concrete pad	N/A	Off-spec material recycled or disposed consistent with applicable regulations.	
Methanol [18], [23]	Above Ground Storage Tank	1100 gal[18] 300 bbl [23]	Berm	N/A	Off-spec material recycled or disposed consistent with applicable regulations.	
Amine [15]	Above Ground Storage Tank	300 bbi [15]	Berm •	N/A	Off-spec material recycled or disposed consistent with applicable regulations.	
Heat Media [26] TEG-H2O mix	Above Ground Storage Tank	150 bbi [24] 2@150 bbi [26]	Berm Berms	N/A	Off-spec material recycled or disposed consistent with applicable regulations.	
Glycol [14], [22]	Above Ground Storage Tank	500 gal*[14] 300 bbl [22]	Berm or concrete pad and wastewater system	N/A	Off-spec material recycled or disposed consistent with applicable regulations.	
Lube Oil [1], [7], [6], [9], [10], [32]	Above Ground Storage Tank	500 gal* [33] 50 gal [10] 600 gal [9] 800 gal [8] 4200 gal [1] 6300 gal [7]	Berm or concrete pad and wastewater system	N/A	Off-spec material recycled or disposed consistent with applicable regulations.	
Water [27], [32]	Above Ground Storage Tank	500 bbl [32] 2@150 bbl [27]	N/A	N/A	Off-spec material recycled or disposed consistent with applicable regulations.	
De-ionized Water [31]	Above Ground Storage Tank	500 bbl 300 bbl [31]	N/A	N/A	Off-spec material recycled or disposed consistent with applicable regulations.	

Table 1 (continued) Transfer, Storage and Disposal of Process Fluids, Effluent and Waste Solids

*Number of tanks installed dependent on number of engines and dehydrators installed on site. Engines and dehydrators are installed or removed to meet demand.

El Cedro Discharge Plan – Table 1

 Table 2

 Source, Quantity, and Quality of Effluent and Waste Solids

45

PROCESS FLUID / WASTE	SOURCE	QUANTITY (Ranges)	QUALITY	
Produced Water/Natural Gas Condensate	Inlet Scrubber, Gas Inlet Separator, Dehydrators	2000-8000 bbl/year	No Additives	
Waste Water /Wash Down Water	Compressor and Dehy Skids; Process Areas	100-5000 gal/year/unit	Biodegradable soap and tap water with traces of used oil	
Used Glycol	Site and Field Dehydration	1000-4000 bbl/yr	No additives	
Used Solvent	Parts Cleancr	0-500 gal/year	No additives	
Used Oil	Compressors	500-2000 gal/year/engine	Used Motor Oil w/ No Additives	
Used Oil Filters	Compressors	50-500/year/engine	No Additives	
Lab Waste	Onsite testing glycol, amine, etc.	0-200 gal/yr	No additives	
Used Process Filters	Charcoal, Activated Carbon, Molecular Sieve	50-500 cubic yd/yr	No Additives	
Used Process Filters	rocess Filters Air, Inlet, Fuel, Fuel Gas, Glycol, Amine, Ambitrol		No Additives	
Empty Drums/Containers	Liquid Containers	0-80/year	No Additives	
Spill Residue (i.e. soil, gravel, etc)	Incidental Spill	Incident Dependent	Incident Dependent	
Used Adsorbents Incidental Spill/Leak Equipment Wipe-down		Incident Dependent	No Additives	

El Cedro Discharge Plan – Table 2



 Four Corners Area

 Environmental Department

 #188 County Road 4900

 Bloomfield, N.M. 87413

 Phone:
 (505) 632-4625

 Fax:
 (505) 632-4781

May19, 2008

CERTIFIED MAIL – RETURN RECEIPT REQUESTED

Joseph, Dennis, George, Amando, and Henry Espinosa P.O. Box 5104 Pagosa Springs, CO 81147

Dear Sirs:

This letter is to advise you that Williams Four Corners, LLC submitted to the Oil Conservation Division a Discharge Plan Renewal application for the permitted El Cedro Natural Gas Treating Plant and Compressor Station (GW-149) in May 2008. This notice is a requirement pursuant to New Mexico Water Quality Control Commission Regulations.

The facility, located in the NE/4, NW/4 Section 31, Township 29 North, Range 5 West, Rio Arriba County, New Mexico, approximately 24 miles east of Blanco, provides natural gas compression and conditioning services.

The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed. Typical materials generated or used at the facility include natural gas condensate/produced water, new and used lube oil, oily waste water from equipment wash down, and glycol. The quantity of wastewater generated is 100–5000 gallons per year per engine. The facility <u>does not</u> discharge to surface or subsurface waters, and therefore the quantity and quality of the discharges is not applicable. All wastes generated will be temporarily stored in tanks or containers equipped with secondary containment. Waste shipped offsite will be disposed or recycled at a facility permitted by state, federal, or tribal agency to receive such waste. The estimated ground water depth at the site is expected to be in the range of 50-300 feet. The total dissolved solids concentration of area ground water is expected to be in the range of 200-2,000 parts per million.

Comments or inquiries regarding this permit or the permitting process may be directed to:

Leonard Lowe New Mexico Oil Conservation Division 1220 South Saint-Francis Dr. Santa Fe NM 87505 505-476-3492

Respectfully submitted,

David Bays Sr. Environmental Specialist

PUBLIC NOTICE

Williams Four Corners, LLC, 188 County Road 4900, Bloomfield, New Mexico 87413, submitted a renewal application in May 2008 to the New Mexico Energy, Minerals and Natural Resources Department, Oil Conservation Division for the previously approved discharge plan GW-149 for their El Cedro Natural Gas Treating Plant and Compressor Station located in the NE/4, NW/4 of Section 31, Township 29 North, Range 5 West in Rio Arriba County, New Mexico. The facility, located approximately 24 miles east of Blanco, provides natural gas compression and conditioning services.

The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed. Typical materials generated or used at the facility include natural gas condensate/produced water, new and used lube oil, oily waste water from equipment wash down, and glycol. The quantity of wastewater generated is 100–5000 gallons per year per engine. The facility <u>does not</u> discharge to surface or subsurface waters, and therefore the quantity and quality of the discharges is not applicable. All wastes generated will be temporarily stored in tanks or containers equipped with secondary containment. Waste shipped offsite will be disposed or recycled at a facility permitted by state, federal, or tribal agency to receive such waste. The estimated ground water depth at the site is expected to be in the range of 50-300 feet. The total dissolved solids concentration of area ground water is expected to be in the range of 200-2,000 parts per million.

Any interested person or persons may obtain information, submit comments or request to be placed on a facility-specific mailing list for future notices by contacting Leonard Lowe at the New Mexico OCD at 1220 South St. Francis Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3492. The OCD will accept comments and statements of interest regarding the renewal and will create a facility-specific mailing list for persons who wish to receive future notices.

ATENCIÓN PÚBLICA

Williams Four Corners, LLC, County Road 4900, Bloomfield, NM 87413, presentaron una aplicación de renovación en el may de 2008 a la New Mexico Energy, Minerals and Natural Resources Department, Oil Conservation Division para la descarga antes aprobada planean GW-149 para su El Cedro Natural Gas Treating Plant and Compressor Station localizada en el NE/4, NW/4 de la Sección 31, Municipio 29 Norte, Recorren 5 Oeste en Rio Arriba County, New Mexico. La instalación, este de aproximadamente 24 millas localizado de Blanco, proporciona servicios de acondicionamiento y compresión de gas naturales.

El plan de descarga se dirige como las caídas, los agujeros, y otras descargas casuales a la superficie serán manejados. Los materiales típicos generados o usados en la instalación incluyen el echar agua condensado/producir de gas natural, el petróleo de lubricación nuevo y usado, echar agua de desecho aceitoso del equipo se lavan abajo, y glicol. La cantidad de wastewater generado es 100 – 5000 galones por año por motor. La instalación no descarga para revestir o subrevestir los echares agua, y por lo tanto la cantidad y la calidad de las descargas no son aplicables. Toda la basura generada será temporalmente almacenada en tanques o contenedores equipados con la contención secundaria. La basura transportó offsite será dispuesto o reciclado en una instalación permitida por la agencia estatal, federal, o tribal recibir tal basura. Se espera que la profundidad de agua subterránea estimada en el sitio esté en la variedad de 50-300 pies. El total se disolvió se espera que la concentración de sólidos del agua subterránea de área esté en la variedad de 200-2,000 partes por millón.

Cualquier persona interesada o personas pueden obtener la información, presentar comentarios o solicitar para ser colocado en una lista de direcciones específica de instalación para futuros avisos por ponerse en contacto con Leonard Lowe en el Nuevo México OCD en 1220 Sur San. Francis Drive, Santa Fe, Nuevo México 87505, Teléfono (505) 476-3492. El OCD aceptará comentarios y declaraciones del interés en cuanto a la renovación y creará una lista de direcciones específica de instalación para personas que desean recibir futuros avisos.



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON Governor Joanna Prukop Cabinet Secretary

July 9, 2003

Lori Wrotenbery Director Oil Conservation Division

Mr. Michael K. Lane Williams Field Services Company 118 County Road 4900 Bloomfield, New Mexico 87413

RE: Discharge Plan Renewal GW-149 Williams Field Services Company El Cedro Compressor Station Rio Arriba County, New Mexico

Dear Mr. Lane:

The ground water discharge plan renewal GW-149 for the Williams Field Services Company El Cedro Compressor Station located in the NE/4 NW/4 of Section 31, Township 29 North, Range 5 West, NMPM, Rio Arriba County, New Mexico, is hereby approved under the conditions contained in the enclosed attachment. The discharge plan consists of the original application dated August 19, 1993 approved October 8, 1993, the renewal application dated April 17, 2003 and the attached stipulations of approval. Enclosed are two copies of the conditions of approval. Please sign and return one copy to the New Mexico Oil Conservation Division (OCD) Santa Fe Office within 10 working days of receipt of this letter.

The discharge plan renewal application was submitted pursuant to 20 NMAC 3106 of the New Mexico Water Quality Control Commission (WQCC) Regulations. It is approved pursuant to 20 NMAC 3109.A. Please note 20 NMACs 3109.E and 20NMAC 3109.F, which provide for possible future amendments or modifications of the plan. Please be advised that approval of this plan does not relieve Williams Field Services Company of liability should operations result in pollution of surface water, ground water, or the environment.

Please be advised that all exposed pits, including lined pits and open tanks (tanks exceeding 16 feet in diameter), shall be screened, netted, or otherwise rendered nonhazardous to wildlife including migratory birds.

Mr. Michael K. Lane GW- 149 El Cedro Compressor Station July 9, 2003 Page 2

Please note that 20 NMAC 3104 of the regulations provides: "When a plan has been approved, discharges must be consistent with the terms and conditions of the plan." Pursuant to 20 NMAC 3107.C., Williams Field Services Company is required to notify the Director of any facility expansion, production increase, or process modification that would result in any change in the discharge of water quality or volume.

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Pursuant to 20 NMAC 3109.G.4., this plan is for a period of five years. This approval will expire on **October 8, 2008**, and Williams Field Services Company should submit an application in ample time before this date. Note that under 20 NMAC 3106.F. of the regulations, if a discharger submits a discharge plan renewal application at least 120 days before the discharge plan expires and is in compliance with the approved plan, then the existing discharge plan will not expire until the application for renewal has been approved or disapproved. It should be noted that all discharge plan facilities will be required to submit the results of an underground drainage testing program as a requirement for discharge plan renewal.

The discharge plan renewal application for the Williams Field Services Company El Cedro Compressor Station is subject to WQCC Regulation 3114. Every billable facility submitting a renewal discharge plan application will be assessed a fee equal to the filing fee of \$100 plus a flat fee of \$1,700.00 for compressor station with greater than 1,001 horsepower rating. The OCD has received the filing fee.

Please make all checks payable to: Water	r Management Quality Management Fund
C /or	Oil Conservation Division
	1220 South St. Francis Drive
· · · · · · · · · · · · · · · · · · ·	Santa Fe, New Mexico 87505.

If you have any questions please contact Mr. W. Jack Ford at (505) 476-3489. On behalf of the staff of the OCD, I wish to thank you and your staff for your cooperation during this discharge plan review.

Sincerely,

Roger C. Anderson Chief, Environmental Bureau Oil Conservation Division

RCA/wjf Attachment

xc: OCD Aztec Office

ATTACHMENT TO THE DISCHARGE PLAN GW-149 WILLIAMS FIELD SERVICES COMPANY EL CEDRO COMPRESSOR STATION DISCHARGE PLAN APPROVAL CONDITIONS (July 9, 2003)

- 1. <u>Payment of Discharge Plan Fees:</u> The \$100.00 filing fee has been received by the OCD. The \$1,700.00 required flat fee may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the plan, with the first payment due upon receipt of this approval.
- 2. <u>Williams Field Services Company Commitments:</u> Williams Field Services Company will abide by all commitments submitted in the discharge plan renewal application dated April 17, 2003 and these stipulations for renewal.
- 3. <u>Waste Disposal</u>: All wastes will be disposed of at an OCD approved facility. Only oilfield exempt wastes shall be disposed of down Class II injection wells. Non-exempt oilfield wastes that are non-hazardous may be disposed of at an OCD approved facility upon proper waste characterization per 40 CFR Part 261.
- 4. <u>Drum Storage</u>: All drums containing materials other than fresh water must be stored on an impermeable pad with curbing. All empty drums will be stored on their sides with **b** ungs in and lined up on a horizontal plane. Chemicals in other containers such as sacks or buckets will also be stored on an impermeable pad and curb type containment.
- 5. <u>Process Areas:</u> All process and maintenance areas which show evidence that leaks and spills are reaching the ground surface must be either paved and curbed or have some type of spill collection device incorporated into the design.
- 6. <u>Above Ground Tanks</u>: All above ground tanks which contain fluids other than fresh water must be bermed to contain a volume of one-third more than the total volume of the largest tank or of all interconnected tanks. All new tanks or existing tanks that undergo a major modification, as determined by the Division, must be placed within an impermeable bermed enclosure.
- 7. <u>Above Ground Saddle Tanks</u>: Above ground saddle tanks must have impermeable pad and curb type containment unless they contain fresh water or fluids that are gases at atmospheric temperature and pressure.
- 8. <u>Labeling:</u> All tanks, drums and containers will be clearly labeled to identify their contents and other emergency notification information.

Page 1 of 3

9. <u>Below Grade Tanks/Sumps:</u> All below grade tanks, sumps, and pits must be approved by h OCD prior to installation or upon modification and must incorporate secondary containment and leak-detection into the design. All pre-existing sumps and below-grade tanks must demonstrate integrity on an annual basis. Integrity tests include pressure testing to 3 pounds per square inch above normal operating pressure and/or visual inspection of cleaned out tanks and/or sumps, or other OCD approved methods. The OCD will be notified at least 72 hours prior to all testing.

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- 10. <u>Underground Process/Wastewater Lines:</u> All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity at present and then every 5 years thereafter, or prior to discharge plan renewal. Permittees may propose various methods for testing such as pressure testing to 3 pounds per square inch above normal operating pressure or other means acceptable to the OCD. The OCD will be notified at least 72 hours prior to all testing.
- 11. <u>Class V Wells</u>: Leach fields and other wastewater disposal systems at OCD regulated facilities which inject non-hazardous fluid into or above an underground source of drinking water are considered Class V injection wells under the EPA UIC program. All Class V wells that inject non-hazardous industrial wastes or a mixture of industrial wastes and domestic wastes will be closed unless it can be demonstrated that groundwater will not be impacted in the reasonably foreseeable future. Closure of Class V wells must be in accordance with a plan approved by the Division's Santa Fe Office. The OCD allows industry to submit closure plans that are protective of human health, the environment and groundwater as defined by the WQCC, and are cost effective. Class V wells that inject domestic waste only must be permitted by the New Mexico Environment Department.
- 12. <u>Housekeeping:</u> All systems designed for spill collection/prevention will be inspected weekly and after each storm event to ensure proper operation and to prevent overtopping or system failure. A record of inspections will be retained on site for a period of five years.
- 13. <u>Spill Reporting:</u> All spills/releases will be reported pursuant to OCD Rule 116 and WQCC 1203 to the OCD Aztec District Office.
- 14. <u>Transfer of Discharge Plan:</u> The OCD will be notified prior to any transfer of ownership, control, or possession of a facility with an approved discharge plan. A written commitment to comply with the terms and conditions of the previously approved discharge plan must be submitted by the purchaser and approved by the OCD prior to transfer.
- 15. <u>Storm Water Plan:</u> Williams Field Services Company shall maintain storm water runoff controls. As a result of Williams Field Services Company's operations any water contaminant that exceeds the WQCC standards listed in 20 NMAC 6.2.3101 is discharged in any storm water runoff then Williams Field Services Company shall notify the OCD within 24 hours, modify the plan within 15 days and submit for OCD approval. Williams Field Services Company shall also take immediate corrective actions pursuant to Item 12 of these conditions.

Page 2 of 3

- 16. <u>Closure:</u> The OCD will be notified when operations of the El Cedro Compressor Station are discontinued for a period in excess of six months. Prior to closure of the El Cedro Compressor Station a closure plan will be submitted for approval by the Director. Closure and waste disposal will be in accordance with the statutes, rules and regulations in effect at the time of closure.
- 17. <u>Certification:</u> Williams Field Services Company, by the officer whose signature appears below, accepts this permit and agrees to comply with all terms and conditions contained herein. Williams Field Services Company further acknowledges that these conditions and requirements of this permit may be changed administratively by the Division for good cause shown as necessary to protect fresh water, human health and the environment.

Accepted:

WILLIAMS FIELD SERVICES COMPANY

by_____

Title



ATTACHMENT TO THE DISCHARGE PLAN GW-149 WILLIAMS FIELD SERVICES EL CEDRO COMPRESSOR STATION DISCHARGE PLAN APPROVAL CONDITIONS (August 26, 1998)

- 1. <u>Payment of Discharge Plan Fees:</u> The \$50.00 filing fee has been received by the OCD. The \$690.00 required flat fee may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the plan, with the first payment due upon receipt of this approval.
- 2. <u>Williams Field Services Commitments:</u> Williams Field Services will abide by all commitments submitted in the discharge plan renewal application dated July 6, 1998 and these stipulations for renewal.
- 3. <u>Waste Disposal</u>: All wastes will be disposed of at an OCD approved facility. Only oilfield exempt wastes shall be disposed of down Class II injection wells. Non-exempt oilfield wastes that are non-hazardous may be disposed of at an OCD approved facility upon proper waste characterization per 40 CFR Part 261.
- 4. <u>Drum Storage:</u> All drums containing materials other than fresh water must be stored on an impermeable pad with curbing. All empty drums will be stored on their sides with the bungs in and lined up on a horizontal plane. Chemicals in other containers such as sacks or buckets will also be stored on an impermeable pad and curb type containment.
- 5. <u>Process Areas:</u> All process and maintenance areas which show evidence that leaks and spills are reaching the ground surface must be either paved and curbed or have some type of spill collection device incorporated into the design.
- 6. <u>Above Ground Tanks:</u> All above ground tanks which contain fluids other than fresh water must be bermed to contain a volume of one-third more than the total volume of the largest tank or of all interconnected tanks. All new tanks or existing tanks that undergo a major modification, as determined by the Division, must be placed within an impermeable bermed enclosure.
- 7. <u>Above Ground Saddle Tanks</u>: Above ground saddle tanks must have impermeable pad and curb type containment unless they contain fresh water or fluids that are gases at atmospheric temperature and pressure.
- 8. <u>Labeling:</u> All tanks, drums and containers will be clearly labeled to identify their contents and other emergency notification information.

Page 1 of 3

- 9. <u>Below Grade Tanks/Sumps:</u> All below grade tanks, sumps, and pits must be approved by the OCD prior to installation or upon modification and must incorporate secondary containment and leak-detection into the design. All pre-existing sumps and below-grade tanks must demonstrate integrity on an annual basis. Integrity tests include pressure testing to 3 pounds per square inch above normal operating pressure and/or visual inspection of cleaned out tanks and/or sumps, or other OCD approved methods. The OCD will be notified at least 72 hours prior to all testing.
- 10. <u>Underground Process/Wastewater Lines:</u> All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity at present and then every 5 years thereafter, or prior to discharge plan renewal. The permittee may propose various methods for testing such as pressure testing to 3 pounds per square inch-above normal operating pressure or other means acceptable to the OCD. The OCD will be notified at least 72 hours prior to all testing.
- 11. Class V Wells: Leach fields and other wastewater disposal systems at OCD regulated facilities which inject non-hazardous fluid into or above an underground source of drinking water are considered Class V injection wells under the EPA UIC program. All Class V wells that inject non-hazardous industrial wastes or a mixture of industrial wastes and domestic wastes will be closed unless it can be demonstrated that groundwater will not be impacted in the reasonably foreseeable future. Closure of Class V wells must be in accordance with a plan approved by the Division's Santa Fe Office. The OCD allows industry to submit closure plans which are protective of human health, the environment and groundwater as defined by the WQCC, and are cost effective. Class V wells that inject domestic waste only must be permitted by the New Mexico Environment Department.
- 12. <u>Housekeeping:</u> All systems designed for spill collection/prevention will be inspected weekly and after each storm event to ensure proper operation and to prevent overtopping or system failure. A record of inspections will be retained on site for a period of five years.
- 13. <u>Spill Reporting:</u> All spills/releases will be reported pursuant to OCD Rule 116 and WQCC 1203 to the OCD Aztec District Office.
- 14. <u>Transfer of Discharge Plan:</u> The OCD will be notified prior to any transfer of ownership, control, or possession of a facility with an approved discharge plan. A written commitment to comply with the terms and conditions of the previously approved discharge plan must be submitted by the purchaser and approved by the OCD prior to transfer.

Page 2 of 3

- 15. <u>Closure</u>: The OCD will be notified when operations of the El Cedro Compressor Station are discontinued for a period in excess of six months. Prior to closure of the El Cedro Compressor Station a closure plan will be submitted for approval by the Director. Closure and waste disposal will be in accordance with the statutes, rules and regulations in effect at the time of closure.
- 16. <u>Certification:</u> Williams Field Services, by the officer whose signature appears below, accepts this permit and agrees to comply with all terms and conditions contained herein. Williams Field Services further acknowledges that these conditions and requirements of this permit may be changed administratively by the Division for good cause shown as necessary to protect fresh water, human health and the environment.

Accepted:

WILLIAMS FIELD SERVICES bν Envil Specialist Title

Page 3 of 3





295 Chipeta Way P.O. Box 58900 Salt Lake City, UT 84108 801/584-6543 801/584-7760

July 17, 1998

Mr. Roger Anderson New Mexico Oil Conservation Division 2040 South Pacheco Santa Fe, New Mexico 87505

Re: Discharge Plan Fee for El Cedro Complex; Rio Arriba County

Dear Mr. Anderson:

Enclosed please find a check number 94801 for \$690.00 to cover the discharge plan application fee for Williams Field Services El Cedro Complex located in Rio Arriba County, New Mexico. Also enclosed, please find one copy of the signed Discharge Plan Approval Conditions.

If you have any questions or require additional information, please do not hesitate to contact me at (801) 584-6543.

Sincerely,

Ingrid Deklau

Environmental Specialist

Enclosures

Williams Field Services Company

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 STATE OF NEW MEXICO



ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION 2040 S. PACHECO SANTA FE. NEW MEXICO 87505 (505) 827-7131

August 26, 1998

CERTIFIED MAIL RETURN RECEIPT NO. Z-357-870-016

Ms. Ingrid A. Deklau Williams Field Services P.O. Box 58900 Salt Lake City, Utah 84108-0900

RE: Discharge Plan Renewal GW-149 Williams Field Services El Cedro Compressor Station San Juan County, New Mexico

Dear Ms. Deklau:

The ground water discharge plan renewal GW-149 for the Williams Field Services El Cedro Compressor Station located in the NW/4 of Section 31, Township 29 North, Range 5 West, NMPM, San Juan County, New Mexico, is hereby approved under the conditions contained in the enclosed attachment. The discharge plan consists of the renewal application dated July 6, 1998 and the attached stipulations of approval. Enclosed are two copies of the conditions of approval. Please sign and return one copy to the New Mexico Oil Conservation Division (OCD) Santa Fe Office within 10 working days of receipt of this letter.

The discharge plan renewal application was submitted pursuant to Section 3106 of the New Mexico Water Quality Control Commission (WQCC) Regulations. It is approved pursuant to Section 3109.A. Please note Sections 3109.E and 3109.F, which provide for possible future amendments or modifications of the plan. Please be advised that approval of this plan does not relieve Williams Field Services of liability should operations result in pollution of surface water, ground water, or the environment.

Please be advised that all exposed pits, including lined pits and open tanks (tanks exceeding 16 feet in diameter), shall be screened, netted, or otherwise rendered nonhazardous to wildlife including migratory birds.

Ms. Ingrid A. Deklau GW- 149 El Cedro Compressor Station August 26, 1998 Page 2

Please note that Section 3104 of the regulations provides: "When a plan has been approved, discharges must be consistent with the terms and conditions of the plan." Pursuant to Section 3107.C., Williams Field Services is required to notify the Director of any facility expansion, production increase, or process modification that would result in any change in the discharge of water quality or volume.

Pursuant to Section 3109.G.4., this plan is for a period of five years. This approval will expire on October 8, 2003, and Williams Field Services should submit an application in ample time before this date. Note that under Section 3106.F. of the regulations, if a discharger submits a discharge plan renewal application at least 120 days before the discharge plan expires and is in compliance with the approved plan, then the existing discharge plan will not expire until the application for renewal has been approved or disapproved. It should be noted that all discharge plan facilities will be required to submit the results of an underground drainage testing program as a requirement for discharge plan renewal.

The discharge plan renewal application for the Williams Field Services El Cedro Compressor Station is subject to WQCC Regulation 3114. Every billable facility submitting a renewal discharge plan application will be assessed a fee equal to the filing fee of \$50 plus a flat fee of \$690.00 for compressor station facilities with horsepower rating greater than 3000 horsepower. The OCD has received the filing fee.

Please make all checks payable to NMED-Water Quality Management and addressed to the OCD Santa Fe Office.

On behalf of the staff of the OCD, I wish to thank you and your staff for your cooperation during this discharge plan review.

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Sincerely,

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Rogér C. Anderson Chief, Environmental Bureau **Oil Conservation Division**

RCA/wif Attachment

xc: OCD Aztec Office

ATTACHMENT TO THE DISCHARGE PLAN GW-149 WILLIAMS FIELD SERVICES EL CEDRO COMPRESSOR STATION DISCHARGE PLAN APPROVAL CONDITIONS (August 26, 1998)

- 1. <u>Payment of Discharge Plan Fees:</u> The \$50.00 filing fee has been received by the OCD. The \$690.00 required flat fee may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the plan, with the first payment due upon receipt of this approval.
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Page 1 of 3

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Page 2 of 3

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- 16. <u>Certification:</u> Williams Field Services, by the officer whose signature appears below, accepts this permit and agrees to comply with all terms and conditions contained herein. Williams Field Services further acknowledges that these conditions and requirements of this permit may be changed administratively by the Division for good cause shown as necessary to protect fresh water, human health and the environment.

Accepted:

WILLIAMS FIELD SERVICES

by_

Title

Page 3 of 3

STATE OF NEW MEXICO



ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

DIL CONSERVATION DIVISION

BRUCE KING GOVERNOR

ANITA LOCKWOOD CABINET SECRETARY October 8, 1993

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87504 (505) 827-5800

CERTIFIED MAIL RETURN RECEIPT NO. P-111-334-268

Mr. Robert Peacock Williams Field Services Company P.O. Box 58900, M.S. 10368 Salt Lake City, Utah 84158-0900

Re: Discharge Plan (GW-149) El Cedro Compressor Station Rio Arriba County, New Mexico

Dear Mr. Peacock:

The groundwater discharge plan GW-149 for the Williams Field Services Company El Cedro Compressor Station located in the NW/4, Section 31, Township 29 North, Range 5 West, NMPM, Rio Arriba County, New Mexico is hereby approved under the conditions contained in the enclosed attachment. The discharge plan consists of the application dated August 19, 1993.

The discharge plan was submitted pursuant to section 3-106 of the Water Quality Control Commission Regulations. It is approved pursuant to section 3-109.A. Please note Section 3-109.F., which provides for possible future amendment of the plan. Please be advised that approval of this plan does not relieve you of your liability should your operation result in actual pollution of surface or ground waters or the environment which may be actionable under other laws and/or regulations.

Please be advised that all exposed pits, including lined pits and open top tanks (exceeding 16 feet in diameter) shall be screened, netted, or otherwise rendered nonhazardous to wildlife including migratory birds.

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Ms. Robert Peacock October 8, 1993 Page 2

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Please note that section 3-104 of the regulations requires that "when a plan has been approved, discharges must be consistent with the terms and conditions of the plan". Pursuant to Section 3-107.C. you are required to notify the Director of any facility expansion, production increase, or process modification that would result in any change in the discharge of water quality or volume.

Pursuant to Section 3-109.G.4., this approval is for a period of five years. This approval will expire October 8, 1998 and you should submit an application for renewal in ample time before that date.

The discharge plan application for the Williams Field Services El Cedro Compressor Station is subject to the WQCC Regulation 3-114 discharge plan fee. Every billable facility submitting a discharge plan will be assessed a fee equal to the filing fee of fifty (50) dollars plus the flat rate of thirteen-hundred eighty (1380) dollars for compressor stations over 3000 horsepower.

The OCD has received your \$50 filing fee. The flat rate for a discharge plan may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the plan, with the first payment due upon receipt of this approval.

Please make all checks payable to: NMED-Water Quality Management and addressed to the OCD Santa Fe Office.

On behalf of the staff of the Oil Conservation Division, I wish to thank you and your staff for your cooperation during this discharge plan review.

Sincerely, William J. LeMa Director WJL/cee

Attachment

xc: OCD Aztec Office
ATTACHMENT TO THE DISCHARGE PLAN GW-149 APPROVAL WILLIAMS FIELD SERVICES COMPANY EL CEDRO COMPRESSOR STATION DISCHARGE PLAN REQUIREMENTS (OCTOBER 8, 1993)

- 1. <u>Payment of Discharge Fees</u>: The \$1380 flat fee (either total payment or installments) will be paid upon receipt of this approval letter.
- 2. <u>Drum Storage:</u> All drums will be stored on pad and curb type containment.

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- 3. <u>Sump Inspection</u>: Any new sumps or below-grade tanks will incorporate leak detection in their designs.
- 4. <u>Berms:</u> All tanks that contain materials other than freshwater will be bermed to contain one and one-third (1-1/3) the capacity of the largest tank within the berm or one and one-third (1-1/3) the total capacity of all interconnected tanks.
- 5. <u>Pressure testing:</u> All discharge plan facilities are required to pressure test all underground piping at the time of discharge plan renewal. All new underground piping shall be designed and installed to allow for isolation and pressure testing at 3 psi above normal operating pressure.
- 6. <u>Spills:</u> All spills and/or leaks will be reported to the OCD district office pursuant to WQCC Rule 1-203 and OCD Rule 116.

District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 South First, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 2040 South Pacheco, Santa Fe, NM 87505 State of New Mexico Energy Minerals and Natural Resources Oil Conservation Division

Oil Conservation Division 2040 South Pacheco Santa Fe, NM 87505 Revised March 17, 1999

Submit Original Plus 1 Copy to Santa Fe 1 Copy to Appropriate District Office

DISCHARGE PLAN APPLICATION FOR SERVICE COMPANIES, GAS PLANTS. REFINERIES, COMPRESSOR, AND CRUDE OIL PUMP STATIONS

(Refer to the OCD Guidelines for assistance in completing the application)

🗌 New 🔽 Renewal

] Modification

1. Type: Compressor Station (El Cedro Plant GW-149)

2. Operator: Williams Field Services Company

Address: 188 CR 4900, Bloomfield, New Mexico 87413

Contact Person: Michael K. Lane

Phone: (505) 632-4625

3. Location: NE/4 NW/4 Section 31 Township 29 North Range 5 West Submit large scale topographic map showing exact location.

- 4. Attach the name, telephone number and address of the landowner of the facility site.
- 5. Attach the description of the facility with a diagram indicating location of fences, pits, dikes and tanks on the facility.
- 6. Attach a description of all materials stored or used at the facility.
- 7. Attach a description of present sources of effluent and waste solids. Average quality and daily volume of waste water must be included.
- 8. Attach a description of current liquid and solid waste collection/treatment/disposal procedures.
- 9. Attach a description of proposed modifications to existing collection/treatment/disposal systems.
- 10. Attach a routine inspection and maintenance plan to ensure permit compliance.
- 11. Attach a contingency plan for reporting and clean-up of spills or releases.
- 12. Attach geological/hydrological information for the facility. Depth to and quality of ground water must be included.
- 13. Attach a facility closure plan, and other information as is necessary to demonstrate compliance with any other OCD rules, regulations and/or orders.
- 14. CERTIFICATION

I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name: Michael K. Land Title: Environmental Specialist III Mr. p-Date: 2003 Signature:

DISCHARGE PLAN RENEWAL

EL CEDRO PLANT (GW-149)

Williams Field Services Company

April 2003

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I. <u>TYPE OF OPERATION</u>

This facility is classified as a natural gas conditioning plant. The function of the facility is to remove CO2 from a portion of the incoming natural gas using an amine treating system, to dehydrate portions of the incoming natural gas, and to compress the processed natural gas for pipeline transmission using compressors driven by gas fired turbines and reciprocating internal combustion engines.

II. LEGALLY RESPONSIBLE PARTY

Williams Field Services 188 CR 4900 Bloomfield, NM 87413 (505) 632-4625

Contact Person: Michael K. Lane, Senior Environmental Specialist Phone and Address, Same as Above

III. LOCATION OF FACILITY

The El Cedro Plant is located in Section 31, Township 29 North, Range 5 West, in Rio Arriba County, New Mexico, approximately 33 miles east of Bloomfield, New Mexico. A site location map is attached (USGS 7.5 Min. Quadrangle: Fourmile Canyon, New Mexico) as Figure 1. The facility layout is illustrated in Figure 2. All figures are attached following Section XI of the text.

IV. LANDOWNER

Williams Field Services Same as above

V. FACILITY DESCRIPTION

The Plant was originally constructed in 1981. The Plant provides compression, metering, and gas conditioning services. Currently, there are two 11,257 hp Solar Mars turbines and nine 1,370 hp Waukesha 7042GL compressors installed at the site. Natural Gas conditioning services consists of the CO_2 removal utilizing an amine process and removal of liquids removal by a heated-glycol process. The site is manned Monday through Friday during normal business hours, at a minimum. The facility is remotely monitored 24 hours per day, 7 days per week. Operators are on call 24 hours per day, 7 days per week.

VI. SOURCE, QUANTITY, AND QUALITY OF EFFLUENTS AND WASTE SOLIDS

The source, quantity, and quality of effluent and waste solids generated at the compressor station are summarized in Table 1.

<u>TABLE 1</u> SOURCE, QUANTITY, AND QUALITY OF EFFLUENT AND WASTE SOLIDS EL CEDRO PLANT

PROCESS FLUID/WASTE	SOURCE	QUANTITY (Ranges)	QUALITY
Used Oil	Turbine and Compressor	1000–2000 gal/year/engine.	Used motor oil w/no additives
Used Glycol	Site and Field Dehydration	1000-4000 bbl/year	No additives
Used Oil Filters	Turbine and Compressor	50-100 filters/year/engine	No additives
Used Solvent	Parts Cleaner	0-500 gal/year	No additives
Condensate	Scrubber, Gas Inlet Separator, Dehydrator	500-2000 bbl/year	No additives
Waste Water	Compressor and Dehydrator Skids Process Area	1000-4000 bbl/year	Biodegradable Soap and tap water and rainwater w/traces of used oil and glycol
Lab Waste	Onsite testing glycol, amine, etc.	· 0-200 gal/year	No additives
Used Process Filters	Air, Inlet, Fuel Gas, Dehydrator, and Amine	500-1500/year	No additives
Empty Drums / Containers	Liquid Containers	50-200/year	No additives
Spill Residue (i.e., gravel, soil)	Incidental spills	Incident dependent	Incident dependent
Used Carbon	Amine System	0-1000 lbs/yr	No additives
Used Absorbents	Incidental spill/leak equipment wipe-down	Incident dependent	No additives

VII. TRANSFER, STORAGE, AND DISPOSAL OF PROCESS FLUIDS, EFFLUENTS AND WASTE SOLIDS

Wastes generated at this facility fall into two categories: exempt and non-exempt. Exempt wastes include, but may not be limited to, used process filters. Non-exempt wastes include, but may not be limited to, used oil filters, and engine coolant. Table 2 describes the transfer, storage and disposal of exempt and non-exempt process fluids, effluents, and waste solids expected to be generated at the site.

Non-exempt waste management will be conducted in accordance with NMOCD requirements including the preparation of a Certificate of Waste Status for each non-exempt waste stream. Non-exempt wastes will be analyzed at a minimum for BTEX, TPH, RCRA D-List metals, ignitability, corrosivity, and reactivity to initially determine if such waste are hazardous as defined in 40 CFR Part 261. All wastes at the facility will be periodically surveyed for naturally occurring radioactive material (NORM) to determine if the concentrations of radium 226 exceed 30 picocuries per gram or if radiation exposure exceeds 50 microroentgens per hour. If affirmed, such materials will be handled and disposed in accordance with NMOCD NORM Regulations.

TABLE 2
TRANSFER, STORAGE, AND DISPOSAL OF PROCESS FLUIDS, EFFLUENTS, AND WASTE SOLIDS
EL CEDRO PLANT

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PROCESS FLUID/WASTE	STORAGE	CONTAINER CAPACITY (approximate)	CONTAINMENT/ SPILL PREVENTION	RCRA STATUS	DESCRIPTION OF FINAL DISPOSITION
Used Oil	Above Ground Storage Tank	165 bbl	Berm	Non-exempt	May be hauled to a WFS or contactor consolidation point before transport to EPA-registered used oil marketer for recycling.
Used Glycol	Above Ground Storage Tank	300 БЫ	Berm	Exempt	May be hauled to a WFS or contactor consolidation point before transport to a recycler or an approved disposal facility.
Used Solvent	Above Ground Storage Tank	30 gallons	N/A	Non-exempt	Transported to an EPA-registered used oil marketer for recycling or disposal at an approved disposal facility.
Condensate	Above Ground Storage Tanks	500 bbl (2) 300 bbl	Berm	Exempt	Saleable liquids may be sold to refinery or liquid may be disposed at NMOCD- approved facility.
Waste Water/ Condensate	Above Ground Storage Tank	165 bbl	Berm	Non-exempt	Saleable liquids may be sold to refinery or liquid may be disposed at NMOCD- approved facility. Water may be transported to NMOCD-approved facility; or evaporation at WFS facility may be considered in future.
Waste Water	Above Ground Storage Tank	1 65 bbl	Berm	Non-exempt	Water may be transported to NMOCD-approved facility; or evaporation at WFS facility may be considered in future.
Used Oil Filters	Drum or other container	Varies	Transported to a WFS or contractor facility in drum or other container	Non-exempt	Transported to a WFS or contractor consolidation point, drained, and ultimately transported for disposal at an approved disposal facility. A Waste Acceptance Profile will be filed with the disposal facility. Recycling options may be considered when available.
Used Process Filters	Drum or other container	Varies	Transported to a WFS or contractor facility in drum or other container	Exempt	Transported to a WFS or contractor consolidation point, drained, and ultimately transported for disposal at an approved disposal facility. A Waste Acceptance Profile will be filed with the disposal facility. Recycling options may be considered when available.
Empty Drums / Containers	N/A	N/A	Berm	Non -exempt	Barrels are returned to supplier or transported to a WFS or contractor consolidation point and ultimately recycled/disposed consistent with applicable regulations.
Spill Residue (i.e., soil, gravel)	N/A	N/A	In situ treatment, land- farm, or alternate method	Incident dependent	Per Section VI, Remediation, in 8/13/93 NMOCD Guidelines for Remediation of Leaks, Spills, and Releases.
Used Carbon	Drum or other container	Varies	Transported to a WFS or contractor facility in drum or other container	Exempt	Transported to a WFS or contractor consolidation point, drained, and ultimately transported for disposal at an approved disposal facility. A Waste Acceptance Profile will be filed with the disposal facility. Recycling options may be considered when available.

<u>TABLE 2 Continued</u> <u>TRANSFER, STORAGE, AND DISPOSAL OF PROCESS FLUIDS, EFFLUENTS, AND WASTE SOLIDS</u> <u>EL CEDRO PLANT</u>

PROCESS FLUID/WASTE	STORAGE	CONTAINER CAPACITY (approximate)	CONTAINMENT/ SPILL PREVENTION	RCRA STATUS	DESCRIPTION OF FINAL DISPOSITION
Used Absorbents	Drum or other container	Varies	Transported to a WFS or contractor facility in drum or other container	Non-exempt	Transported to a WFS or contractor consolidation point, drained, and ultimately transported for disposal at an approved disposal facility. A Waste Acceptance Profile will be filed with the disposal facility. Recycling options may be considered when available.
Amine	Above Ground Storage Tanks	500 bbl 300 bbl	Berm	N/A	Off-spec material recycled or disposed consistent with applicable regulations.
Methanol	Above Ground Storage Tanks	300 gallons 1100 gallons	Berm	N/A	Off-spec material recycled or disposed consistent with applicable regulations.
Gasoline	Above Ground Storage Tank	500 gallons	Berm	N/A	Off-spec material recycled or disposed consistent with applicable regulations.
Glycol	Above Ground Storage Tank	(2) 300 bbl 500 gallons	Berm	N/A	Off-spec material recycled or disposed consistent with applicable regulations.
Diesel	Above Ground Storage Tank	300 gallons	Berm	N/A	Off-spec material recycled or disposed consistent with applicable regulations.
Lube Oil	Above Ground Storage Tanks	(9) 500 gallons 600 gallons 800 gallons 100 bbl 150 bbl	Berm	N/A	Off-spec material recycled or disposed consistent with applicable regulations.

Barring facility modification and/or process changes, the classification of non-exempt wastes by laboratory analyses will be made once during the approval period of this plan. Subsequent laboratory analyses will be performed at the generator's discretion (minimum of once every five years), or more frequently to comply with waste acceptance procedures of the disposal facility.

VIII. STORM WATER PLAN

This storm water section was developed to provide a plan to monitor and mitigate impact to storm water runoff from the facility. It serves to satisfy storm water management concerns of the NMOCD. It is not intended to comply with 40 CFR Part 122, Storm Water Discharges as this facility is excluded in 122.26 (c) (1) (iii).

This section concentrates on the identification of potential pollutants, inspection and maintenance of the pollutant controls, and gives a description of structural controls to prevent storm water pollution.

Site Assessment and Facility Controls

An evaluation of the material used and stored on this site that may be exposed to storm water indicates that no materials would routinely be exposed to precipitation. There are no engineered storm water controls or conveyances; all storm water leaves the site by overland flow.

Any leakage or spill from the identified potential pollutant sources, if uncontained by existing berms, curbs, or emergency response actions, could flow overland to open off-site drainage ditches (arroyos) and thus impact storm water. In such an event, containment would occur by blocking the ditch or culvert downstream of the pollutant. Cleanup of the substance and implementation of mitigation measures could be conducted while protecting downstream storm watercourses.

Best Management Practices

Following are Best Management Practices (BMPs) to be implemented to prevent or mitigate pollution to storm water from facility operations:

- All waste materials and debris will be properly disposed of on an on-going basis in appropriate containers and locations for collection and removal from the site.
- Temporary storage of potential pollutant sources will be located in areas with appropriate controls for storm water protection. This would include ensuring all containers are sealed/covered and otherwise protected from contact with precipitation.
- Periodic inspection of channels and culverts shall be performed at least twice annually and after any major precipitation event.
- Sediment deposits and debris will be removed from the channels and culverts as necessary and any erosion damage at the outfall (if any) will be repaired or controlled.
- Conduct inspections of the facility on a regular basis as part of the preventive maintenance site check. Such inspections will include the visual assessment of corroded or damaged drums and tanks, broken or breached containment structures, collapsed or clogged drainages or drain lines.

Implementation of the BMPs will prevent or mitigate impact to storm water runoff from this facility.

IX. INSPECTION, MAINTENANCE AND REPORTING

WFS's personnel will operate and maintain the compression unit at the facility. The facility will be remotely monitored for equipment malfunctions through WFS Gas Dispatch. The facility will be visited several times per week at a minimum, and an operator will be on call 24 hours per day, 7 days per week, 52 weeks per year. The above ground and below-grade tanks will be gauged regularly, and monitored for leak detection.

In the event of a release of a reportable quantity, the operator reports the release to a WFS spill notification service. The service immediately notifies the WFS Environmental Department and all appropriate agencies.

X. SPILL/LEAK PREVENTION AND REPORTING (CONTINGENCY PLANS)

Spill containment berms around above ground storage tanks will be designed to contain 1-1/3 times the volume of the tank. The below-grade tanks will be constructed with a means of leak detection, and will either be double-bottomed tanks or a tank set on an impermeable pad.

WFS corporate policy and procedure for the controlling and reporting of Discharges or Spills of Oil or Hazardous Substances is provided in Appendix A. Significant spills and leaks are reported to the NMOCD pursuant to NMOCD Rule 116 and WQCC 1-203 using the NMOCD form (see Appendix B).

XI. SITE CHARACTERISTICS

The El Cedro Plant is located approximately 33 miles east of Bloomfield, New Mexico. The site elevation is approximately 6,450 feet above mean sea level. The natural ground surface topography slopes downward toward the north. The maximum relief over the site is approximately 20 feet. Intermittent flow from the site will follow natural drainage 0.4 miles to the southwest to the Gobernador Canyon Wash. Gobernador Canyon Wash drains to the west-northwest into San Juan River. The San Juan River, approximately 19 miles to the west of the site, is nearest down-gradient perennial source of surface water at an elevation of approximately 5,650 feet.

A review of the available hydrologic data^{1,2} for this area revealed that there are no water wells within a quarter-mile radius of the El Cedro Plant. The water-bearing unit in this area is the San Jose Formation. The San Jose Formation is the youngest Tertiary bedrock unit. This formation consists of a sequence of interbedded sandstone and mudstone. The estimated ground water depth at the site is 100 to 300 feet. The total dissolved solids concentration of area ground water is expected to range from 200 to 2,000 parts per million.

The 100-year 24-hour precipitation event at a regional weather station is 2.8 inches. This small amount of rainfall for the area should pose no flood hazards. Vegetation in the area consists predominantly of sagebrush and native grasses

Flood Protection: Surface water runoff from the area surrounding the site will be diverted around the facility into the natural drainage path.

References

¹Stone, W.J., Lyford, F.P., Frenzel, P.F., Mizell, N.H., Padgett, E.T., 1983, Hydrology and Water Resources of San Juan Basin, New Mexico Bureau of Mines and Mineral Resources, Hydrologic Report 6.

²Online Well Reports and Downloads, New Mexico Office of the State Engineer, 2000.

XII. FACILITY CLOSURE PLAN

All reasonable and necessary measures will be taken to prevent the exceedence of WCQQ Section 3103 water quality standards should WFS choose to permanently close the facility. WFS will submit a detailed closure plan to the NMOCD prior to closure.

Generally, closure measures will include removal or closure in place of underground piping and other equipment. All wastes will be removed from the site and properly disposed in accordance with the rules and regulations in place at the time of closure. When all fluids, contaminants, and equipment have been removed from the site, the site will be graded as close to the original contour as possible.

Should contaminated soil be discovered, any necessary reporting under NMOCD Rule 116 and WQCC Section 1203 will be made and clean-up activities will commence. Post-closure maintenance and monitoring plans would not be necessary unless contamination is encountered.

FIGURE 1

SITE VICINITY / TOPOGRAPHIC MAP

FIGURE 2

SITE PLAN





APPENDIX A

SPILL CONTROL PROCEDURES

	Reference (Book Title) Operations/Maintenance Field Services	Task/Document No. 21.10.020
Williams	Section General/Safety	Regulation NoJReference
E	Subject Discharges or Spills of Oil or Hazardous Substances; Preventing, Controlling and Reporting of	Effective Date 12/15/99

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Document History (ISO9001) Document Body

1.0 PURPOSE AND SCOPE

- 1.1 To establish the policy and procedure for preventing, controlling and reporting of discharges or spills of oil or hazardous substances to the environment in accordance with Company practices and federal, state and local requirements, including Title 40 of the Code of Federal Regulations Part 112 (Oil Pollution Prevention).
- 1.2 This document pertains to Company personnel, Company and non-company facilities. The spill prevention and control requirements in this Policy and Procedure are Federally mandated guidelines for oil pollution prevention. The Company policy is to also apply these standards, where appropriate, to facilities containing hazardous substances. This is a discretionary application of the standards; however, variations from the standards should be approved by the responsible Director.
- 2.0 CONTENTS
- 3.0 POLICY
- 3.1 GENERAL
- 3.1.1 All Company facilities which could discharge or spill, oil or hazardous substances which may affect natural resources or present an imminent and substantial danger to the public health or welfare including, but not limited to, fish, shellfish, wildlife, shorelines and beaches are subject to the provisions of this document.
- 3.1.2 Oil, for purpose of this document, means oil of any kind or in any form, including but not limited to petroleum hydrocarbon, fuel oil, Y grade, natural gas liquids, condensate, mixed products, sludge, oil refuse and oil mixed with wastes other than dredged spoil (earth and rock). LPG (propane, butane, ethane) is not considered to be oil.
- 3.1.3 Hazardous Substance, for purposes of this procedure, is defined as any chemical or

material that has or should have a Material Safety Data Sheet (MSDS); however, hazardous substances are further defined by the following environmental statutes:

a. Section 101(N) and Section 102 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA)

b. Section 307(a) and Section 311(b)(2)(A) of the Clean Water Act

c. Section 3001 of the Solid Waste Act (excluding items suspended by Congress)

d. Section 112 of the Clean Air Act

e. Section 7 of the Toxic Substance Control Act

- 3.1.4 The term hazardous substance does not include petroleum hydrocarbon, including crude oil or any fraction thereof and the term does not include natural gas, natural gas liquids (including condensate), liquefied natural gas or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).
- 3.1.5 Facilities which could discharge or spill, oil or hazardous substances into a watercourse must comply with the applicable federal, state or local laws and regulations. A discharge includes but is not limited to any spilling, leaking, pumping, pouring, emitting, emptying or dumping. A watercourse is any perennial or intermittent river, stream, gully, wash, lake or standing body of water capable of collecting or transporting an oil or hazardous substance.

3.1.6 Facilities which are subject to the requirements stated in this policy are as follows:

a. Non-Transportation Related Facilities

(1) Storage or drip tanks and other aboveground containers (excluding pressurized or inline process vessels) having a capacity in excess of 660 gallons for each single container or an aggregate capacity of 1,321 gallons or more for multiple containers.

(2) Underground storage facilities having a total capacity in excess of 42,000 gallons.

b. Transportation Related Facilities

(1) All vehicles, pipeline facilities, loading/unloading facilities and other mobile facilities which transport oil or hazardous substances.

3.1.7 Each Company location which has facilities subject to paragraph C.1.1 shall have a site specific Spill Prevention Control and Countermeasure Plan (SPCC Plan) which identifies all facilities subject to 40 CFR 112. The plan shall identify all oil and hazardous substance storage vessels (as defined in a.(1) above) at the facility and the spill prevention measures in place to control discharges or spills. This plan shall also identify all regulatory agencies that must be notified in case of a spill.

3.1.8 The facility superintendent is responsible for spill prevention. His/her duties include.

but are not limited to, the following:

a. Instructing personnel in the operation and maintenance of equipment to prevent the discharge of oil.

b. Conduct annual briefings for operating personnel at intervals frequent enough to assure adequate understanding of the Spill Plan at that facility.

c. Briefings should highlight and describe known discharges or spills and recently developed precautionary measures.

3.1.9 Each individual facility is checked annually by the superintendent or designee to determine the potential for discharges or spills of oil or hazardous substances in harmful quantities that violate water quality standards or which may cause a film, sheen or discoloration on the surface of water. All facilities which have the potential for discharging or spilling harmful quantities of oil or hazardous substances into a watercourse are required to have the following preventive measures:

a. Examination of all tanks, valves and fittings, at least annually, to determine any maintenance requirements.

b. All tank batteries should, as far as practicable, have a secondary means of containment for the entire contents of the largest single tank plus sufficient freeboard in the containment facility to allow for precipitation.

c. An annual monitoring and inspection program to prevent accidental spills or discharges into watercourses. This includes annual inspection for faulty systems and monitoring line valves and liquid pipelines for leaks or blowouts.

3.1.10 Any field drainage ditches, road ditches, traps, sumps or skimmers should be inspected at regular scheduled intervals for accumulation of oil or other hazardous substances which may have escaped from small leaks. Any such accumulations should be removed.

3.2 BULK STORAGE TANKS

- 3.2.1 A tank should not be used for storage of oil or hazardous substances unless the material and construction of the tank is compatible with the oil or substance stored and conditions of storage such as pressure and temperature. Buried storage tanks must be protected from corrosion by coatings, cathodic protection or other methods compatible with local soil conditions. Aboveground tanks should be subject to visual inspection for system integrity.
- 3.2.2 The facility superintendent should evaluate tank level monitoring requirements to prevent tank overflow.
- 3.2.3 Leaks which result in loss of oil or hazardous substances from tank seams, gaskets, rivets and bolts sufficiently large to cause accumulation of oil or hazardous substances in diked areas should be promptly corrected.
- 3.2.4 Mobile or portable oil or hazardous substances storage tanks should be positioned or located to prevent the contents from reaching a watercourse. The mobile facilities should be located so their support structure will not be undermined by periodic flooding or washout.

3.3 FACILITY DRAINAGE

- 3.3.1 Make provisions for drainage from diked storage areas where necessary in areas with high precipitation levels. Drainage from diked areas should be restrained by valves or other means to prevent a discharge or spill. Diked areas should be emptied by pumps or ejectors which are manually activated. Valves used for the drainage of diked areas should be of manual, open-and-closed design.
- 3.3.2 Rain water may be drained from diked areas providing drainage water does not contain oil or hazardous substances that may cause a harmful discharge. Drain valves must be closed following drainage of diked areas.
- 3.3.3 When possible, drainage systems from undiked areas should flow into ponds, lagoons or catchment basins designed to retain oil or hazardous substances or return the substances to the facility. Any drainage system which is not designed to allow flow into ponds, lagoons or catchment basins should be equipped with a diversion system that could, in the event of a discharge or spill, contain the oil or hazardous substances on the Site.
- 3.3.4 The principal means of containing discharges or spills is the use of dikes which are constructed wherever regulated quantities of oil or hazardous substances have the potential of reaching a watercourse. The construction of dikes must meet the following requirements:

a. Capacity must be at least equivalent to the storage capacity of the largest tank of the battery plus sufficient freeboard to allow for precipitation or displacement by foreign materials.

b. Small dikes for temporary containment are constructed at valves where potential leaking of oil or hazardous substances may occur.

c. Any dike three feet or higher should have a minimum cross section of two feet at the top.

Other means of containment or spill control include, but are not limited to:

3.3.5

a. Berms or retaining walls

b. Curbing

c. Culverting, gutters or other drainage systems

d. Weirs, booms or other barriers

e. Spill diversion ponds or retention ponds

f. Sorbent materials

3.4 TRANSFER OPERATIONS, PUMPING and IN-PLANT/STATION PROCESS

3.4.1 Aboveground valves and pipelines should be examined regularly by operating •

personnel to determine whether there are any leaks from hange joints, expansion joints, valve glands and bodies, catch pans, pipeline supports, valve locks and metal surfaces.

3.5 FACILITY TANK CAR AND TANK TRUCK LOADING/UNLOADING RACK

- 3.5.1 Rack area drainage which does not flow into a catchment basin or treatment facility designed to handle spills should have a quick drainage system for use in tank truck loading and unloading areas. The containment system should have a maximum capacity of any single compartment of a truck loaded or unloaded in the station.
- 3.5.2 Aboveground piping that has potential for damage by vehicles entering the Site should be protected by logically placed warning signs or by concrete-filled pipe barriers.
- 3.5.3 Loading and unloading areas should be provided with an interlocked warning light, grounding shutdown, physical barrier system or warning signs to prevent vehicular departure before complete disconnect of flexible or fixed transfer lines. All drains and outlets of any truck should be closely examined for leakage prior to filling and departure. All drains and outlets that may allow leakage should be tightened, adjusted or replaced to prevent liquid leakage while in transit.

NOTE: LPG loading facilities and remote field loading of condensate are exempt from the C.5 requirements of this document.

4.0 PROCEDURE

- 4.1 Identifying, Containing and Initial Reporting of a Discharge or Spill of Oil or Hazardous Substance Any Employee
- 4.1.1 Upon noticing a discharge or spill of an oil or hazardous substance in any quantity shall immediately contain the release (if safe to do so) and notify the facility superintendent, dispatcher or other designee. Releases must be reported to gas control in the following three circumstances:

I. The Following Situations Always Require IMMEDIATE Reporting to Gas Control:

1. Release reaches or may reach surface water: (pond, lake, wash or ground water

2. Release leaves Williams property

3. Release is of questionable nature (i.e., unknown product, unknown hazards)

II. Onsite Releases of Certain Common Industrial Materials Above 10 Gallon Threshold Are Reportable.

Releases that do not migrate off-site or reach surface water may require reporting as well. All releases of 10 gallons or greater of the following materials should be contained and promptly reported to Gas Control:

- Ammonia
- Antifreeze
- Amine

- Chromate Mixtures.
- Condensate
- Glycol
- Lube Oil
- Methanol
- Sulfuric Acid
- Sodium Hydroxide
- Natural Gas Liquids
- Other Hydrocarbon Products
- Natural Gas (1 MMSCF)
- III. Releases of Certain Other Materials Reportable:

Releases of the following materials above the indicated amount should be reported to gas control:

- PCB's (Concentration > 50 ppm) any amount
- Mercaptan (Ethyl Mercaptan) 1 lb.
- Mercury 1 lb.
- Hydrogen Sulfide 100 lbs_
- Pesticides 1 lb.
- Other Material Not Listed 1 lb.

NOTE 1: A release includes material released (intentionally or unintentionally) to air, water or soil. When notifying Gas Control of a Release, be prepared to provide information on the type of material spilled, amount released, weather conditions, time and date of release, person discovering release and measures taken to control the release.

NOTE 2: Refer to Attachment A for containment procedures. Facility Superintendent, Controller or Designee

4.1.2 Contacts Gas Control immediately by telephone and provides the following information:

a. Name of company facility and/or location of facility and nature of discharge or spill

b. Description and quantity of emission or substance discharged

c. Description of the circumstances causing the discharge or spill

d. Name, title and telephone number of person initially reporting the discharge or spill and person reporting to Gas Control

e. Action taken or being taken to mitigate and correct discharge or spill

f. Water bodies or streams involved

g. Time and duration of discharge or spill

h. Outside involvement during discharge or spill (public government agencies, etc. See Emergency Operating Procedure Manuals) Gas Control Personnel

4.1.3 Advises Environmental Affairs departments immediately by telephone concerning the incident including any incidents reported by persons not employed with the Company.

NOTE: If Gas Control is contacted by a person not employed with the Company, the necessary information is obtained as indicated in D.1.2 and the Superintendent and Environmental Affairs are immediately contacted to begin containment and clean-up of the discharge or spill.

4.1.4 If Environmental Affairs cannot be contacted, notifies Director over Environmental Affairs.

Facility Superintendent

- 4.1.5 Coordinates containment and clean-up of discharge or spill, keeping the responsible Director Informed.
- 4.1.6 Coordinates containment and clean-up of discharge or spill, keeping the responsible Director Informed. If the discharge or spill is too large for Company personnel to contain, contacts qualified local contractors for assistance. (See Emergency Operating Procedure Manuals tab #11, contractors with available equipment and services).
- 4.1.7 Advises Environmental Affairs by telephone if emergency containment or clean-up assistance from a state agency or a response team from the U.S. Coast Guard is required. Environmental Affairs
- 4.1.8 Assesses reporting requirements to state and federal agencies (contacts Legal Department and Right-of-Way Department, if appropriate). (See Emergency Operating Procedure Manuals).
- 4.1.9 Makes appropriate contacts with National Response Center and state and local agencies, when necessary.
- 4.1.10 If spill is significant, dispatches Environmental Specialist to scene to oversee cleanup and reporting responsibilities.

4.2 SUBMITTING WRITTEN NOTIFICATION OF A DISCHARGE OR SPILL Facility Superintendent or Designee

- 4.2.1 Completes a written description of the incident as soon as possible after initial notification is given, which should include the following:
 - a. Time and date of discharge or spill
 - b. Facility name and location
 - c. Type of material spilled
 - d. Quantity of material spilled

e. Area affected

- f. Cause of spill
- g. Special circumstances
- h. Corrective measures taken
- i. Description of repairs made
- j. Preventative measures taken to prevent recurrence.
- 4.2.2 Forwards the completed written description to Environmental Affairs. Retains a copy for future reference.

NOTE: Environmental Affairs, in coordination with the Legal Department, if necessary, submits written reports to government agencies.

TYPE OF FACILITY WHERE THE DISCHARGE OR SPILL OCCURS	CONTAINMENT PROCEDURES	MATERIALS USED FOR CONTAINMENT
A. Oil Pipeline (as defined in C.1.4)	1. Closes appropriate block valves.	1.Straw
	2 Contains Discharge or spill	2.Loose Earth
	by: Ditching covering, applying sorbents,	3.Oil Sorbent 3M Brand
	constructing an earthen dam or burning.	4.Plain Wood chips
	3. If burning is required,	5.Sorb-Oil Chips Banta Co.
	appropriate state air quality	6.Sorb-Oil Swabs Banta Co.
	before burning.	7.Sorb-Oil Mats Banta Co.
		8.Or Equivalent Materials
B. Vehicle	 Contains discharge or spill by: ditching, covering surface with dirt, constructing earthen dams, apply isorbents or burning. Notifies immediately Environmental Affairs and if there is any imminent dange to local residents; notifies immediately the highway patrol or local police officials 	

ATTACHMENT A DISCHARGE OR SPILL CONTAINMENT PROCEDURES AND MATERIALS

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) 	•
	3. If burning is required, obtains approval from the appropriate state air quality control government agencies before burning.		
	Note: Any vehicle carrying any hazardous or toxic substance will carry a shovel or other ditching device to contain a spill. If the vehicle has sufficient room, sorbent materials should also be carried.		
C. Bulk Storage Tanks or any other Facilities	1. Contains discharge or spill by: ditching, covering, applying sorbents, constructing an earthen dam or burning.		
	2. If burning is required, obtains approval from the appropriate state air quality control government agencies before burning.		

Back | Feedback | Index | Search Library

If you have questions, suggestions, comments or concerns regarding the SETS Library, please contact <u>Documentation Services</u>.

APPENDIX B

NMOCD NOTIFICATION OF FIRE, BREAKS, SPILLS, LEAKS, AND BLOWOUTS

٤											
District I State o					ate of	New Mexico			Form C-141		
District II 1301 W. Grand	Fand Avenue, Artesia, NM 88210					Is and Natural Resources			Revised March 17, 1999		
District III	s Road. Azte	c. NM 87410		Oil C	Conser	rvation Div	vision		Submit 2 C	Copies Office	to appropriate
District IV	ala Da Saat	- T- NB/ 97604	c .	1220	Sout	h St. Franc	is Dr.		w	th Rul	e 116 on back
1220 S. St. Fran	cis Dr., Sand	a re, NM 8/30		Sa	anta F	e, NM 875	05		·		side of form
			Rel	ease Notific	catio	n and Co	orrective A	ction			
						OPERAT	TOR	Init	ial Report		Final Repor
Name of Co	ompany					Contact []					
Address Facility Nar	ne	·				Telephone f					
[racinty ital						Tacinty Typ			·····		
Surface Ow	ner			Mineral C	Owner			Lease	No.[]	<u> </u>	
				LOCA	TIO	N OF REI	LEASE				
Unit Letter	Section	Township	Range	Feet from the	North	/South Line	Feet from the	East/West Line	County		
}	}	}									
L	L		A	NI A 'T	ים מוזי	OFDEL	PACE				
Time of Rele	366				URE	Volume of	Release	Volume	Recovered	· · · · · · · · · · · · · · · · · · ·	
Source of Re	lease					Date and H	our of Occurrenc	e Date and	Hour of Disc	overy	
Was Immedia	ate Notice C	Given?				If YES, To	Whom?				
		L	Yes L		equired	<u> </u>					
By Whom? D]	1 40				Date and Hour					
Was a Watero	course Read	ched?	Yes [No		in TES, volume impacting the watercourse.					
If a Watercou	rse was Im	oacted. Descri	ibe Fully."	•		1					·
		 ,	···· · ··· · ··· · ···· · ············								
Describe Cause of Problem and Remedial Action Taken.*											
Describe Area	Affected a	nd Cleanup A	ction Tak	en.*			······································		<u> </u>		
				·····							
I hereby certif	y that the ir	nformation giv	ven above	is true and compl d/or file certain re	ete to th	e best of my l	nowledge and un	derstand that purs	suant to NMO	CD ณ	les and
public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability											
should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health						nan health					
or the environ	ment. In ad	Idition, NMO	CD accept lations.	ance of a C-141 r	eport do	es not relieve	the operator of re	sponsibility for co	ompliance wi	th any	other
					1		OIL CONS	ERVATION	DIVISIO	N	{
Circular and Circu											
Signature:						pproved by	District Sumaria	~ r -			
Printed Name:											
Title:						pproval Date		Expiration I	Date:		
Data			Dhone		T	onditions of			Attached		
	<u> </u>		Fnone:			Jonunions of A	npprovai:		1		

Date: F * Attach Additional Sheets If Necessary

APPENDIX C

PUBLIC NOTICE



Four Corners Area Environmental Department #188 County Road 4900 Bloomfield, N.M. 87413 Phone: (505) 632-4806 Fax: (505) 632-4781

March 5, 2003

CERTIFIED MAIL – RETURN RECEIPT REQUESTED

Beatrice Espinosa PO Box 46 Pagosa Springs CO 81147

Dear Sirs:

This letter is to advise you that Williams Field Services Company is preparing to submit to the Oil Conservation Division a Discharge Plan Renewal application for the permitted El Cedro Plant (GW-149). This notice is a requirement pursuant to New Mexico Water Quality Control Commission Regulations. We expect to submit the Discharge Plan Renewal application to the Oil Conservation Division during April 2003.

The facility, located in Section 31, Township 29 North, Range 5 West, NMPM, Rio Arriba County, New Mexico, provides natural gas compression and conditioning services.

The discharge permit addresses how spills, leaks, and other accidental discharges to the surface will be managed. The facility <u>does not</u> discharge wastewater to surface or subsurface waters. All wastes generated will be temporally stored in tanks or containers with secondary containment. Waste shipped offsite will be disposed or recycled at an OCD approved site. In the event of an accidental discharge, ground water most likely will not be affected because the estimated ground water depth at the site is 100-300 feet. The total dissolved solids concentration of area ground water is expected to range from 200 to 2,000 parts per million.

Comments or inquiries regarding this permit or the permitting process may be directed to:

Director of the Oil Conservation Division 1220 South Saint Francis Dr. Santa Fe NM 87505

Clara M. Garcia Environmental Compliance





 Four Corners Area

 Environmental Department

 #188 County Road 4900

 Bloomfield, N.M. 87413

 Phone:
 (505) 632-4606

 Fax:
 (505) 632-4781

March 5, 2003

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Joseph, Dennis, George, Armando, & Henry Espinosa PO Box 5104 Pagosa Springs CO 81147

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Clara M. Garcia Environmental Compliance





Four Corners Area Environmental Department #188 County Road 4900 Bloomfield, N.M. 87413 Phone: (505) 632-4606 Fax: (505) 632-4781

March 5, 2003

CERTIFIED MAIL – RETURN RECEIPT REQUESTED

Bureau of Land Management 1235 N La Plata Highway Farmington NM 87401

Dear Sir or Madam::

This letter is to advise you that Williams Field Services Company is preparing to submit to the Oil Conservation Division a Discharge Plan Renewal application for the permitted El Cedro Plant (GW-149). This notice is a requirement pursuant to New Mexico Water Quality Control Commission Regulations. We expect to submit the Discharge Plan Renewal application to the Oil Conservation Division during April 2003.

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Director of the Oil Conservation Division 1220 South Saint Francis Dr. Santa Fe NM 87505

Clara M. Gafcia Environmental Compliance



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SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
 Complete items 1, 2, and 3. Also complete Item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	A. Signature X () Agent Agent Addressee VI ginia Bander, BLAM C. Date of Delivery 36/03
1. particle Addressed to: BLM 1235 NLaPlate Hury	D. Is delivery address different from item 17 11 Yes If YES, enter delivery address below: 11 No
Farmington Nm 87401	3. Service Type Certified Mail
	4. Restricted Delivery? (Extra Fee) Yes
2. Article Numbr 7002 2410 0000	0903 9720
PS Form 3811, August 2001 Domestic Retu	rm Receipt 102595-02-M-1540

•



 Four Corners Area

 Environmental Department

 #188 County Road 4900

 Bloomfield, N.M. 87413

 Phone:
 (505) 632-4606

 Fax:
 (505) 632-4781

March 5, 2003

CERTIFIED MAIL – RETURN RECEIPT REQUESTED

Larry McKay 10121 Hwy 64 Blanco NM 87412

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Clara M. Garcia ¹ Environmental Compliance





Four Corners Area Environmental Department #188 County Road 4900 Bioomfield, N.M. 87413 Phone: (505) 632-4606 Fax: (505) 632-4781

March 5, 2003

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

State of New Mexico General Services Department 1100 Drawer 26110 Santa Fe NM 87502-0110

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Clara M. Garcia Environmental Compliance



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The neturn neceipt was Never neceived from this Public Notice.