



# **Water and Wastewater Permit Requirements**

**Wyoming Department of Environmental Quality**

**Water Quality Division**

**Southeast District Engineer**

**Seth Tourney, P.E**

# Wyoming Statutes

---

- Wyoming Environmental Quality Act
- Prohibited Acts (W.S. 35-11-301)
  - “No person, except when authorized by a permit issued pursuant to the provisions of this act, shall:
    - Construct, install, modify or operate any **sewerage system**, treatment works, disposal system or other facility, excluding uranium mill tailing facilities, capable of causing or contributing to pollution, except that no permit to operate shall be required for any publicly owned or controlled sewerage system, treatment works or disposal system;

# Wyoming Statutes

---

- Wyoming Environmental Quality Act
- Prohibited Acts (W.S. 35-11-301)
  - “No person, except when authorized by a permit issued pursuant to the provisions of this act, shall:
    - Construct, install, modify or operate any **public water supply** or construct any subdivision water supply, except that no permit to operate shall be required for any publicly owned or controlled public water supply and a permit under this section shall not be required for subdivision water supplies consisting of individual wells serving individual lots of a subdivision.

# Water Quality Rules and Regulations

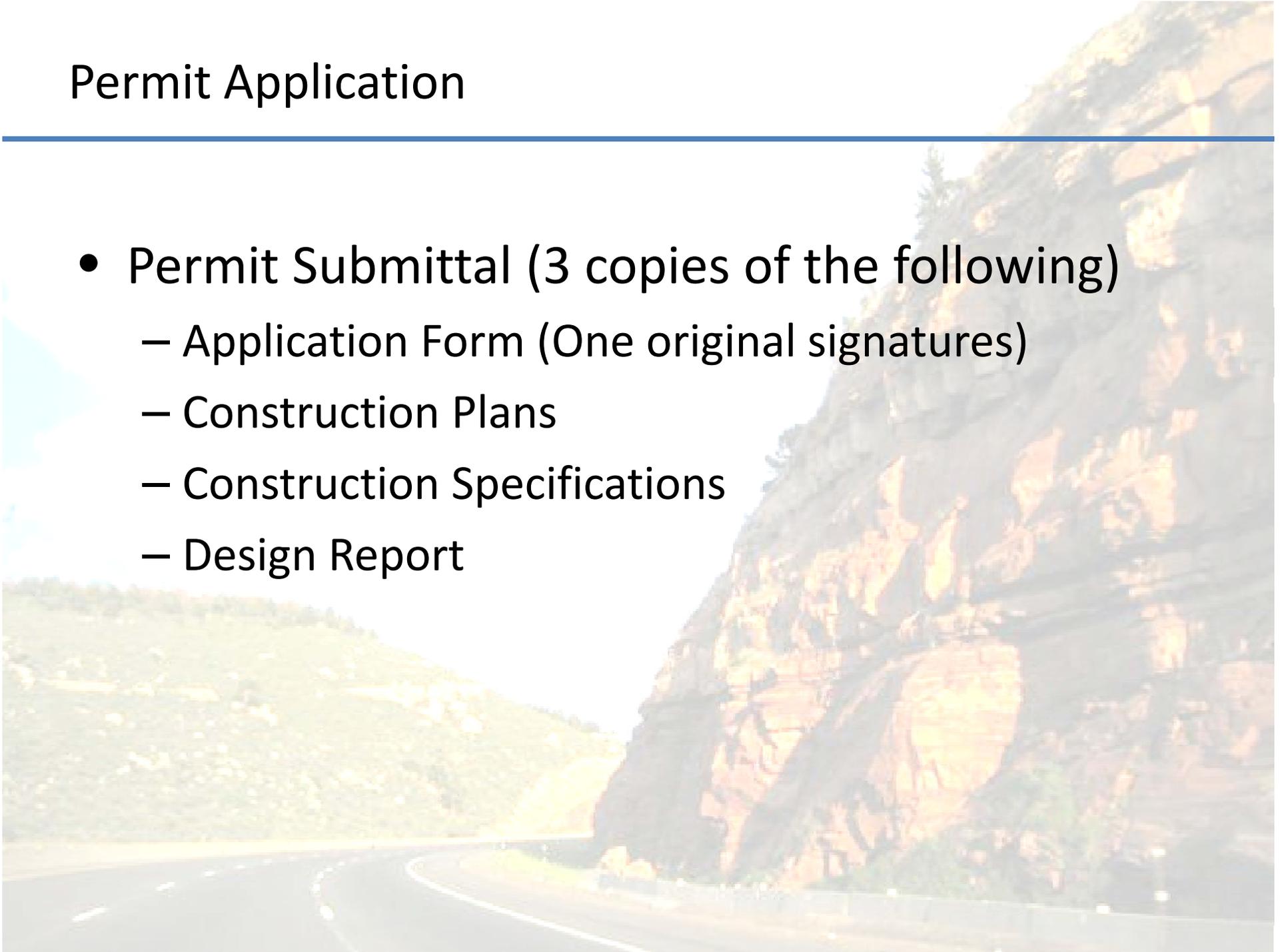
---

- Chapters
  - Chapter 3 Permits and Delegations
  - Chapter 11 Sewerage Systems
  - Chapter 12 Public Water Supplies
  - Chapter 21 Reuse of Treated Wastewater
  - Chapter 23 Subdivisions (Unincorporated)
  - Chapter 25 Small Wastewater Facilities
  - Chapter 26 Well Construction

# Permit Application

---

- Permit Submittal (3 copies of the following)
  - Application Form (One original signatures)
  - Construction Plans
  - Construction Specifications
  - Design Report



# Permit Application

WYOMING WATER QUALITY APPLICATION FORM		WQD USE ONLY	
Use for Construction, Groundwater Monitoring, Groundwater Remediation, Subdivisions, and Land Application of Wastewater		APP NO	
A complete application package must include three copies of each of the following: Application form, investigations, design reports, plans, specifications, and any other appropriate information		DATE	
Submit to appropriate office		PROG.	
<a href="http://deq.state.wy.us/wqd/www/districts.pdf">http://deq.state.wy.us/wqd/www/districts.pdf</a>			
DEQ/Water Quality Division, 122 West 25th Street, Cheyenne, WY 82002		(307) 777-7781	
DEQ/Water Quality Division, 510 Meadowview Drive, Lander, WY 82520		(307) 332-3144	
DEQ/Water Quality Division, 2100 West 5th, Sheridan, WY 82801		(307) 673-9337	
DEQ/Water Quality Division, 152 North Durbin Street, Ste 100, Casper, WY 82601		(307) 473-3465	
NAME OF PROJECT			
DESCRIPTION OF PROJECT			
LOCATION:	County:	Lat:	Long:
Legal Description (1/4 Section, Section, Township, Range or Lot No. and Subdivision)			
All undersigned agree to comply with applicable Wyoming Statutes and Regulations and to allow the activities described in this application.			
<b>SIGNATURES:</b>			
<b>Real Estate Owner</b>		The real estate owner or the grantee of the applicable easement must sign this form	
Sign Above		Title:	
Address:		State:	
City:		Zip Code:	
Phone:		Email:	
Printed Name:		Title:	
If the owner or easement grantee is a public entity, partnership, or corporation, a legally binding authority must sign			
<b>Operator or Developer</b>		If same as real estate owner, this space may be left blank	
Sign Above		Title:	
Address:		State:	
City:		Zip Code:	
Phone:		Email:	
Printed Name:		Title:	
If the operator or developer is a public entity, partnership, or corporation, a legally binding authority must sign			
<b>Engineer or Geologist</b>			
Printed Name:		WY PE #	WY PG#
Firm Name:		Please complete the second page or the back of this form	
Address:		State:	
City:		Zip Code:	
Phone:		Email:	

The Wyoming Environmental Quality Act, W.S. 35-11-101 and Wyoming Environmental Quality Act, Article 3, W.S. 35-11-301 mandates that permits are required for construction or modification of public water supplies, wastewater facilities, land application systems, and confined swine feeding operations. W.S. 18-5-306 requires review of the safety and adequacy of proposed sewage systems and water systems in new subdivisions by DEQ.

All Wyoming Water Quality Rules and Regulations are available at <http://deq.state.wy.us/wqd/WQDrules/index.asp>

Specific chapters of the Wyoming Water Quality Rules and Regulations have been developed for each area that requires a permit. The regulatory chapters for types of projects that this application is to be used for are listed below. Please check all that apply to your project.

<input type="checkbox"/>	11	Design and construction standards for sewerage systems, treatment works, disposal system of other facilities capable of causing or contributing to pollution, includes monitoring wells and road application of wastewater
<input type="checkbox"/>	12	Design and construction standards for public water supplies, includes subdivision water supplies and water line extensions
<input type="checkbox"/>	21	Standards for the Reuse of Treated Wastewater
<input type="checkbox"/>	23	Minimum Standards for Subdivision Applications
<input type="checkbox"/>	25	Design and construction standards for small wastewater systems includes septic tanks/leachfields
<input type="checkbox"/>	26	Well construction standards
<input type="checkbox"/>	other	Describe briefly

#### Previous or Associated State of Wyoming Permits

WQD Permit to Construct	
WQD Subdivision Recommendation to County	
Air Quality	
Land Quality	
Oil and Gas Commission	
Soild and Hazardous Waste	
State Engineers Surface Water Right or Well Permit	
WQD Underground Injection Control	
WYPDES (discharge permit)	
US EPA Public Water Supply (PWS) Number	

# Permit Application

<b>NAME OF PROJECT</b>			
<b>DESCRIPTION OF PROJECT</b>			
<b>LOCATION:</b>	<b>County:</b>	<b>Lat:</b>	<b>Long:</b>
Legal Description (1/4 Section, Section, Township, Range or Lot No. and Subdivision)			
All undersigned agree to comply with applicable Wyoming Statutes and Regulations and to allow the activities described in this application.			
<b>SIGNATURES:</b>			
<b>Real Estate Owner</b>	The real estate owner or the grantee of the applicable easement must sign this form		
Sign Above		<b>Address:</b>	
		<b>City:</b>	<b>State:</b>
		<b>Zip Code:</b>	<b>Phone:</b>
		<b>Email:</b>	
<b>Printed Name:</b>		<b>Title:</b>	
<del>If the owner or easement grantee is a public entity, partnership, or corporation, a legally binding authority must sign</del>			
<b>Operator or Developer</b>	If same as real estate owner, this space may be left blank		
Sign Above		<b>Address:</b>	
		<b>City:</b>	<b>State:</b>
		<b>Zip Code:</b>	<b>Phone:</b>
		<b>Email:</b>	
<b>Printed Name:</b>		<b>Title:</b>	
If the operator or developer is a public entity, partnership, or corporation, a legally binding authority must sign			

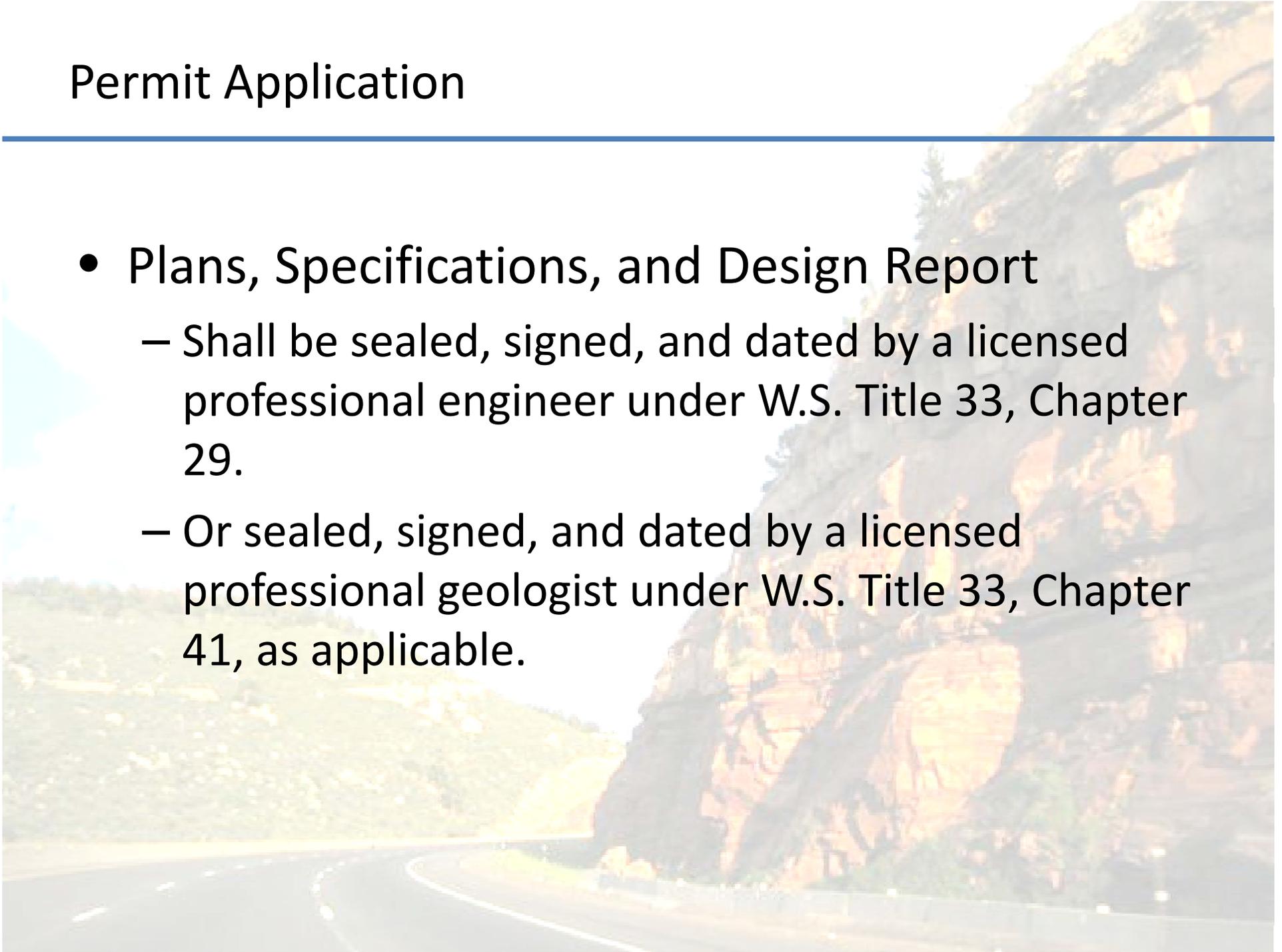
# Permit Application

<b>NAME OF PROJECT</b>			
The Fire Ash Treatment Plant Project			
<b>DESCRIPTION OF PROJECT</b>			
Installing approximately 950 feet of 12-inch water main, 560 feet of 8-inch sewer main, booster pumps, and a 20-foot diameter clarifier.			
<b>LOCATION:</b>	<b>County:</b>	<b>Lat:</b>	<b>Long:</b>
Legal Description (1/4 Section, Section, Township, Range or Lot No. and Subdivision)			
All undersigned agree to comply with applicable Wyoming Statutes and Regulations and to allow the activities described in this application.			
<b>SIGNATURES:</b>		The real estate owner or the grantee of the applicable easement must sign this form	
<b>Real Estate Owner</b>			
<b>City of Laramie</b>			
<i>Rich Elliott</i>  Sign Above		Address: P.O. Box C	
		City: Laramie	State: WY
		Zip Code: 82073	Phone: 307-721-5241
		Email: Relliott@cityoflaramie.org	
Printed Name: Rich Elliott		Title: Director of Public Works	
If the owner or easement grantee is a public entity, partnership, or corporation, a legally binding authority must sign			
<b>Operator or Developer</b>		If same as real estate owner, this space may be left blank	
<b>City of Laramie</b>			
<i>Cal VanZee</i>  Sign Above		Address: P.O. Box C	
		City: Laramie	State: WY
		Zip Code: 82073	Phone: 307-721-5272
		Email: cvanzee@cityoflaramie.org	
Printed Name: Cal VanZee		Title: Director of Utilities	
If the operator or developer is a public entity, partnership, or corporation, a legally binding authority must sign			

# Permit Application

---

- Plans, Specifications, and Design Report
  - Shall be sealed, signed, and dated by a licensed professional engineer under W.S. Title 33, Chapter 29.
  - Or sealed, signed, and dated by a licensed professional geologist under W.S. Title 33, Chapter 41, as applicable.



## Permit Required? – Water Service Connections

---

- Policy 14.14.11; Water Service Connections
  - Tee must be installed in the distribution line to complete the water service connection.
  - Fire Hydrant will be installed on the service line.
  - Service line is larger than 2 inches in diameter.
  - Service line serves two or more water users.
  - Service line includes a pressure booster pump.

# Permit Required? – Water Service Connections

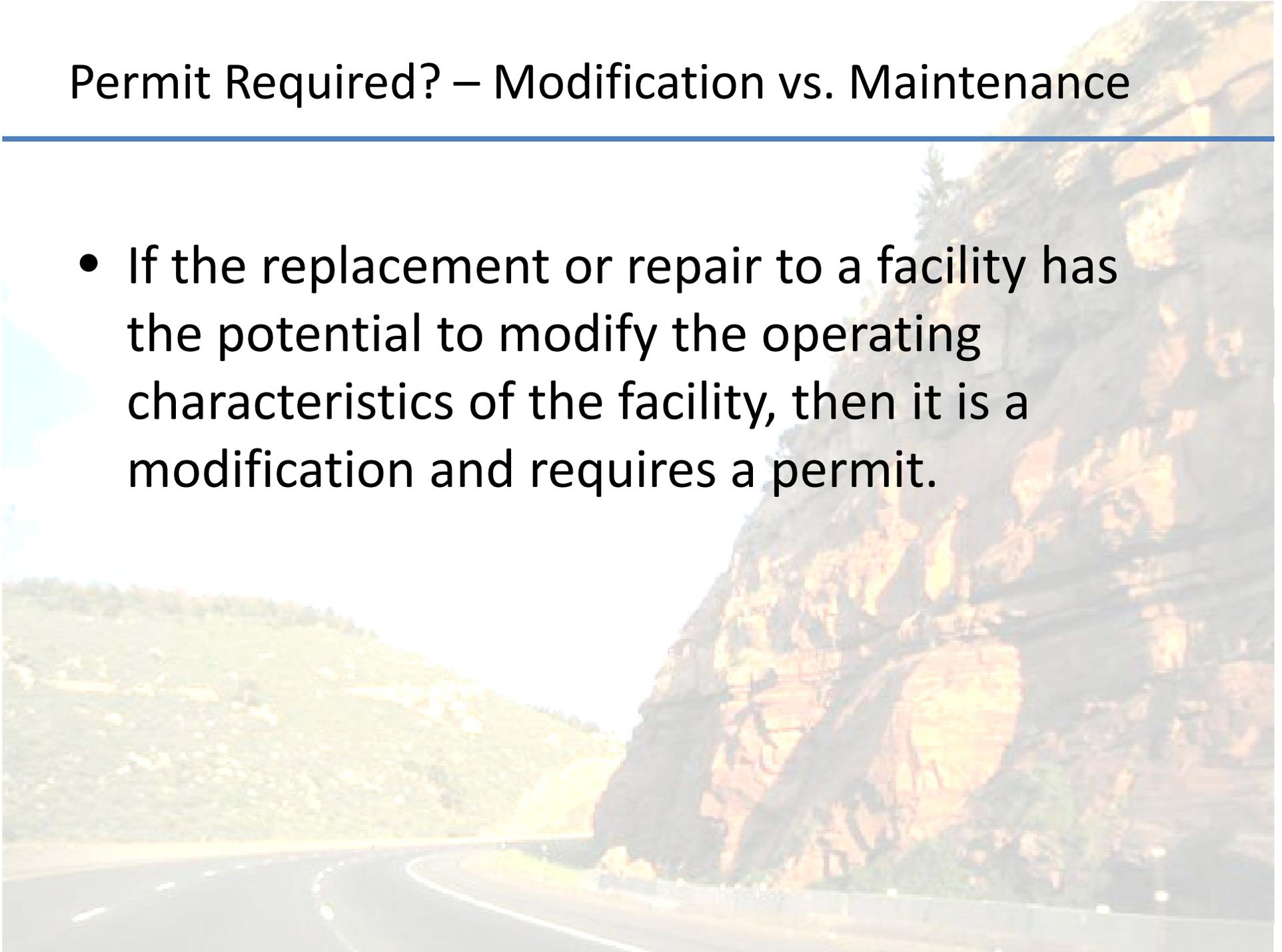
---

- Non-Permitted Water Service Connections
  - Require backflow prevention
    - Chapter 12 Section 14(i) of the WQR&Rs
  - Thermal Expansion Tanks
    - DEQ does not address the need for expansion tanks.
    - It is recommended for the PWS to have written proof that the consumer was informed of the necessity

## Permit Required? – Modification vs. Maintenance

---

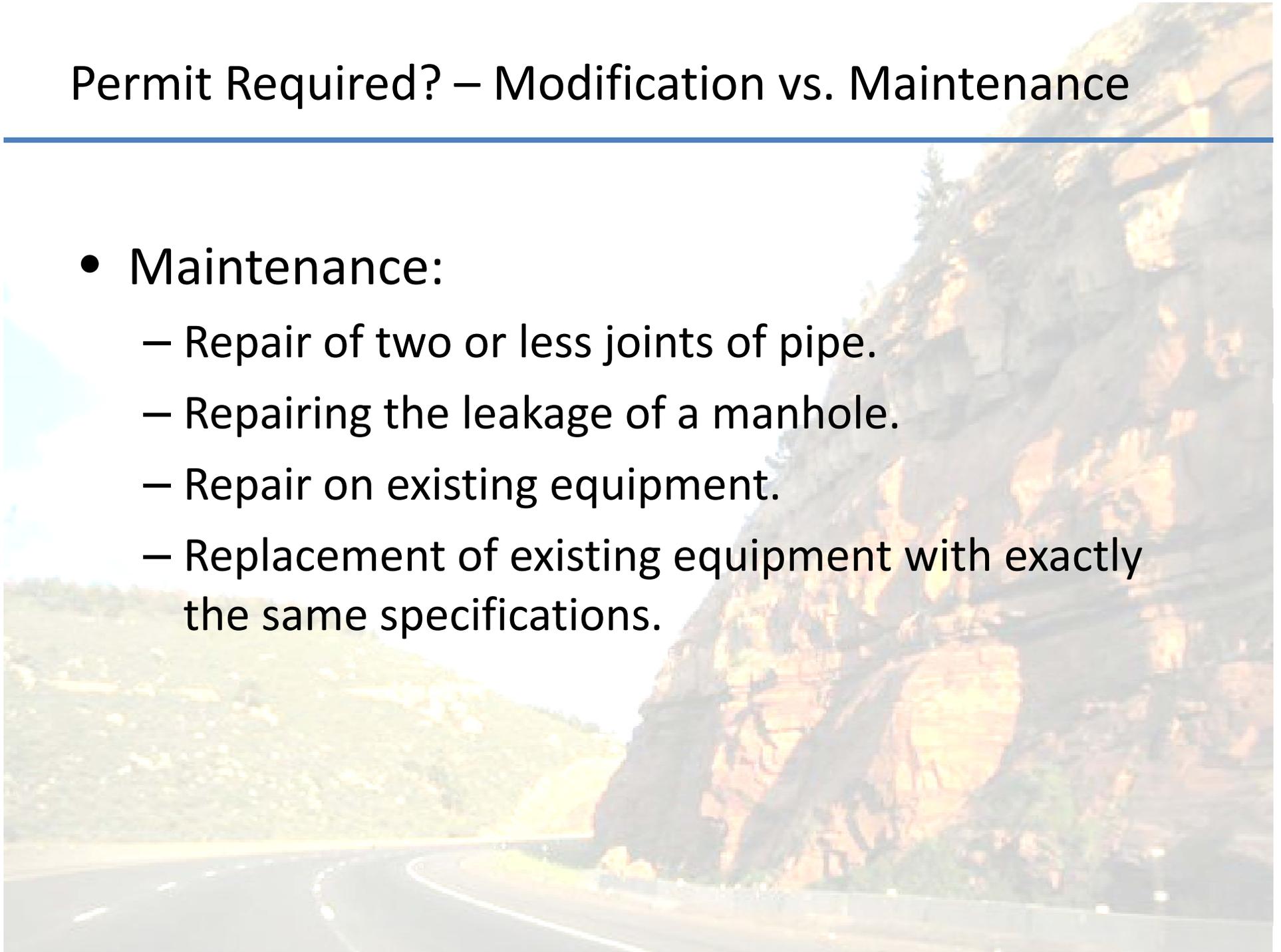
- If the replacement or repair to a facility has the potential to modify the operating characteristics of the facility, then it is a modification and requires a permit.



# Permit Required? – Modification vs. Maintenance

---

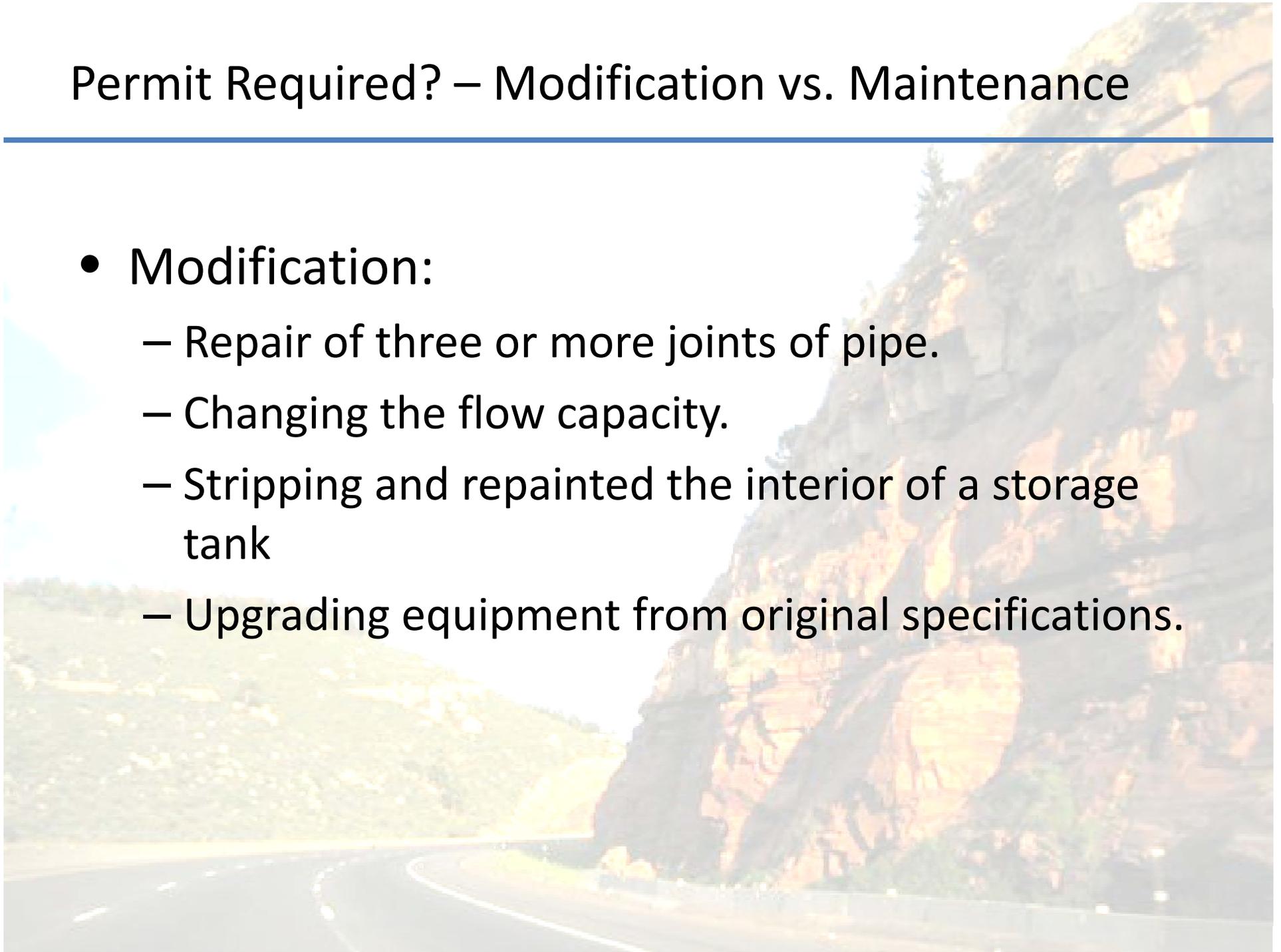
- Maintenance:
  - Repair of two or less joints of pipe.
  - Repairing the leakage of a manhole.
  - Repair on existing equipment.
  - Replacement of existing equipment with exactly the same specifications.



## Permit Required? – Modification vs. Maintenance

---

- Modification:
  - Repair of three or more joints of pipe.
  - Changing the flow capacity.
  - Stripping and repainted the interior of a storage tank
  - Upgrading equipment from original specifications.



## Contact Information

---

- Seth Tourney, Southeast District Engineer
  - Phone: 307-777-7088
  - E-mail: [seth.tourney@wyo.gov](mailto:seth.tourney@wyo.gov)
  
- Ron Ewald, Assistant Southeast District Engineer
  - Phone: 307-777-6183
  - E-mail: [ron.ewald@wyo.gov](mailto:ron.ewald@wyo.gov)

Questions?

---

