

CHECKLIST ENVIRONMENTAL ASSESSMENT

Project Name TEMPORARY DIVERSION Proposed Implementation Date: JULY 10 - SEP 30 ANNUALLY  
 Proponent LOWER JEFFERSON CANAL CO.

Type and Purpose of Action APPLICANT WISHES TO PLACE A TEMPORARY DIVERSION STRUCTURE IN THE JEFFERSON RIVER, AND ANNUALLY CLEAN GRAVEL FROM IN FRONT OF HEADGATE. DIVERSION (WING) MAY BE EXTENDED USING STRAW BALS. THE APPLICANT HAS APPLIED FOR AND RECEIVED A 661 PERMIT IN 1988. THIS OPERATION WOULD TAKE PLACE BETWEEN JULY 10 AND SEP 30 ON AN ANNUAL BASIS.

Location SE 1/4 SW 1/4 SW 1/4 of T8, T10-R1E County GALLATIN

N = Not present or No Impact will occur

Y = Impacts may occur (explain under Potential Impacts)

IMPACTS ON THE PHYSICAL ENVIRONMENT

RESOURCE	[Y/N] POTENTIAL IMPACTS AND MITIGATION MEASURES
1. GEOLOGY AND SOIL QUALITY, STABILITY AND MOISTURE: Are fragile, compactible or unstable soils present? Are there unusual geologic features? Are there special reclamation considerations?	[Y] SOILS IN RIVER BED ARE MOSTLY GRAVEL. MOST OF STRUCTURE WILL BE STRAW BALS. MINIMUM RIVER BED DISTURBANCE.
2. WATER QUALITY, QUANTITY AND DISTRIBUTION: Are important surface or groundwater resources present? Is there potential for violation of ambient water quality standards, drinking water maximum contaminant levels, or degradation of water quality?	[Y] FWP BIOLOGIST HAS INDICATED PROJECT WILL NOT RESULT IN A SIGNIFICANT INCREASE IN TURBIDITY. <b>RECEIVED</b>
3. AIR QUALITY: Will pollutants or particulate be produced? Is the project influenced by air quality regulations or zones (Class I airshed)?	[N] NOV 09 1992
4. VEGETATION COVER, QUANTITY AND QUALITY: Will vegetative communities be permanently altered? Are any rare plants or cover types present?	[N] ENVIRONMENTAL QUALITY COUNCIL
5. TERRESTRIAL, AVIAN AND AQUATIC LIFE AND HABITATS: Is there significant use of the area by important wildlife, birds or fish?	[Y] JEFFERSON RIVER IS AN IMPORTANT FISHERY. PROJECT SHOULD HAVE MINIMAL EFFECT ON FISHERY.
6. UNIQUE, ENDANGERED, FRAGILE OR LIMITED ENVIRONMENTAL RESOURCES: Are any federally listed threatened or endangered species or identified habitat present? Any wetlands? Species of special concern?	[N]
7. HISTORICAL AND ARCHAEOLOGICAL SITES: Are any historical, archaeological or paleontological resources present?	[N]
8. AESTHETICS: Is the project on a prominent topographic feature? Will it be visible from populated or scenic areas? Will there be excessive noise or light?	[Y] WILL BE VISIBLE TO FLOATERS.
9. DEMANDS ON ENVIRONMENTAL RESOURCES OF LAND, WATER, AIR OR ENERGY: Will the project use resources that are limited in the area? Are there other activities nearby that will affect the project?	[N]
10. IMPACTS ON OTHER ENVIRONMENTAL RESOURCES: Are there other studies, plans or projects on this tract?	[N]

IMPACTS ON THE HUMAN POPULATION

RESOURCE	[Y/N] POTENTIAL IMPACTS AND MITIGATION MEASURES
11. HUMAN HEALTH AND SAFETY: Will this project add to health and safety risks in the area?	[U] MAY PRESENT A DANGER TO FLOATERS - SIGNS UPSTREAM SHOULD BE REQUIRED.
12. INDUSTRIAL, COMMERCIAL AND AGRICULTURAL ACTIVITIES AND PRODUCTION: Will the project add to or alter these activities?	[Y] PROJECT WILL ALLOW IRRIGATION TO CONTINUE.
13. QUANTITY AND DISTRIBUTION OF EMPLOYMENT: Will the project create, move or eliminate jobs? If so estimated number	[N]
14. LOCAL AND STATE TAX BASE AND TAX REVENUES: Will the project create or eliminate tax revenue?	[N]
15. DEMAND FOR GOVERNMENT SERVICES: Will significant traffic be added to existing roads? Will other services (fire protection, police, schools, etc) be needed?	[N]
16. LOCALLY ADOPTED ENVIRONMENTAL PLANS AND GOALS: Are there State, County, City, USFS, BLM, Tribal, etc. zoning or management plans in effect?	[Y] PROJECT COMES UNDER ARM 16.20.633(3)(a)
17. ACCESS TO AND QUALITY OF RECREATIONAL AND WILDERNESS ACTIVITIES: Are wilderness or recreational areas nearby or accessed through this tract? Is there recreational potential within the tract?	[N]
18. DENSITY AND DISTRIBUTION OF POPULATION AND HOUSING: Will the project add to the population and require additional housing?	[N]
19. SOCIAL STRUCTURES AND MORES: Is some disruption of native or traditional lifestyles or communities possible?	[N]
20. CULTURAL UNIQUENESS AND DIVERSITY: Will the action cause a shift in some unique quality of the area?	[N]
21. OTHER APPROPRIATE SOCIAL AND ECONOMIC CIRCUMSTANCES:	[N]

22. Alternatives Considered NO STRUCTURE - SEVERELY REDUCES ABILITY OF LANDOWNERS TO IRRIGATE CROPS.

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23. Public Involvement, Agencies, Groups or Individuals contacted \_\_\_\_\_

COPY OF 661 PERMIT ENCLOSED.

RIVERWATCH GROUP SHOULD BE NOTIFIED.

24. Other Governmental Agencies with Jurisdiction, List of Permits Needed.

661 PERMIT ALREADY GRANTED.

25. Magnitude and Significance of Potential Impacts.

PROJECT AS DESCRIBED WILL HAVE NO SIGNIFICANT IMPACT. IT IS UNLIKE THE HOLE DITCH COMPANY DIVERSION WHICH REACHED ACROSS THE GUDING RIVER. I SUSPECT THE DIVERSION HAS BEEN PLACED SINCE 1988 - THIS APPLICATION IS TO ENSURE COMPLIANCE WITH DSL.

Recommendation for Further Environmental Analysis:

EIS       More Detailed EA       No Further Analysis

EA Checklist Prepared By: J. Koltowski Title Unit Manager

Approved By: \_\_\_\_\_ name \_\_\_\_\_ title

signature

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LAND USE LICENSE

NAME OF APPLICANT Lower Jefferson Canal Co.  
ADDRESS 4245 Old Yellowstone Trail  
CITY Three Forks. STATE Mt. ZIP 59752  
HOME PHONE 285-6996 BUSINESS PHONE Same

Application is hereby made for access (for what reason)?

For a temporary diversion structure to get water to headgate. We also have a 661 permit from Gallatin Cons. Dist.

SECTION 18 TOWNSHIP 1 North RANGE 1 East

PART OF SECTION SE 1/2 SW 1/2 NW 1/2 COUNTY Gallatin  
or SE 1/4 of Lot 5

SECTION \_\_\_\_\_ TOWNSHIP \_\_\_\_\_ RANGE \_\_\_\_\_

PART OF SECTION SE 1/2 of Lot 5 COUNTY \_\_\_\_\_  
or

SECTION \_\_\_\_\_ TOWNSHIP \_\_\_\_\_ RANGE \_\_\_\_\_

PART OF SECTION 1/2 1/2 1/2 COUNTY \_\_\_\_\_

DURATION (MONTH) July (DAY) 10 (YEAR) only when needed.

THROUGH (MONTH) Sept. (DAY) 30 (YEAR) same year

DATED AT 9.00 a.m. THIS 8 DAY OF September, 1992

APPLICANT'S SIGNATURE Floyd Schmitt Sec. Treas.

Mail completed form to the Area Office that handles the county the request is in. After an on-site inspection, the Area Manager will consider whether the access is in the best interest of the Trust. All applications should be sent to the prospective Area Offices for review. Enclosed is a listing of Area Offices and the counties they manage.

**STATE OF MONTANA  
NATURAL STREAMBED AND LAND PRESERVATION ACT  
PLAN OF ANNUAL OPERATION  
FOR MAINTENANCE AND REPAIR OF EXISTING IRRIGATION FACILITY**

**PART 1: TO BE COMPLETED BY OPERATOR**

1. Name of Operator: Lower Jefferson Canal Co. Leo Lane, President

Address: P.O. Box 562

City: Three Forks

State: MT

Zip: 59752

Telephone: 285-3415

2. Name and address of owner, if different:

3. Name of Stream: Jefferson River

4. Location of proposed activity: \_\_\_\_\_ 1/4 \_\_\_\_\_ SE 1/4 \_\_\_\_\_ NW 1/4, Sec. 18, T 1N, R 1E

5. Describe the proposed maintenance or repair activity, the type of structure, method to be used, and materials or equipment to be used. Include drawings if necessary.

*Photos*

Clean gravel from in front of headgate and make wing in river using straw bales.

*At option of ditch company, straw bales will be used to extend existing "permanent" gravel/obble Diversion dam.*

6. Date activity is to begin each year \_\_\_\_\_

Date activity is to be completed each year \_\_\_\_\_

7. Has any agency or jurisdiction denied approval for the above described activity?

Yes

No

If yes, explain on separate sheet.

**PART 2 ON REVERSE TO BE COMPLETED BY CONSERVATION DISTRICT**

**PART 2: TO BE COMPLETED BY CONSERVATION DISTRICT**

- 8. ( ) The proposed plan of annual operation for maintenance and repair of existing irrigation facility is APPROVED. The conservation district has the option of reviewing the plan at any time. This plan is in effect for a maximum of ten years.
- 9. ( ) The proposed plan of annual operation for maintenance and repair of existing irrigation facility is NOT APPROVED. The operator is required to apply to the conservation district for a permit under the Natural Streambed and Land Preservation Act.

\_\_\_\_\_  
Conservation District (authorized representative) \_\_\_\_\_ Date

*Jerry Schmitt* \_\_\_\_\_, *12/20/88*  
\_\_\_\_\_  
Landowner or Authorized Representative \_\_\_\_\_ Date  
*L. W. Bergstrom (C.D. Rep.)*

Concurrence by Department of Fish, Wildlife and Parks:

*Paul H. Stevens* \_\_\_\_\_, *12/20/88*  
\_\_\_\_\_  
Date

**TO BE REVIEWED BY TEAM MEMBERS  
BUT COMPLETED BY DEPARTMENT OF FISH, WILDLIFE, AND PARKS PERSONNEL ONLY**

I have reviewed the above project pursuant to MONTANA SURFACE WATER QUALITY STANDARDS SHORT-TERM TURBIDITY EXEMPTION ARM 16.20.633(3)(a) as it applied to TURBIDITY ONLY:

This activity will not result in a significant increase in turbidity. Upon recommendation of DFW&P, the Department of Health and Environmental Sciences, Water Quality Bureau hereby grants this turbidity exemption for the above-described activity in accordance with all attached recommendations.

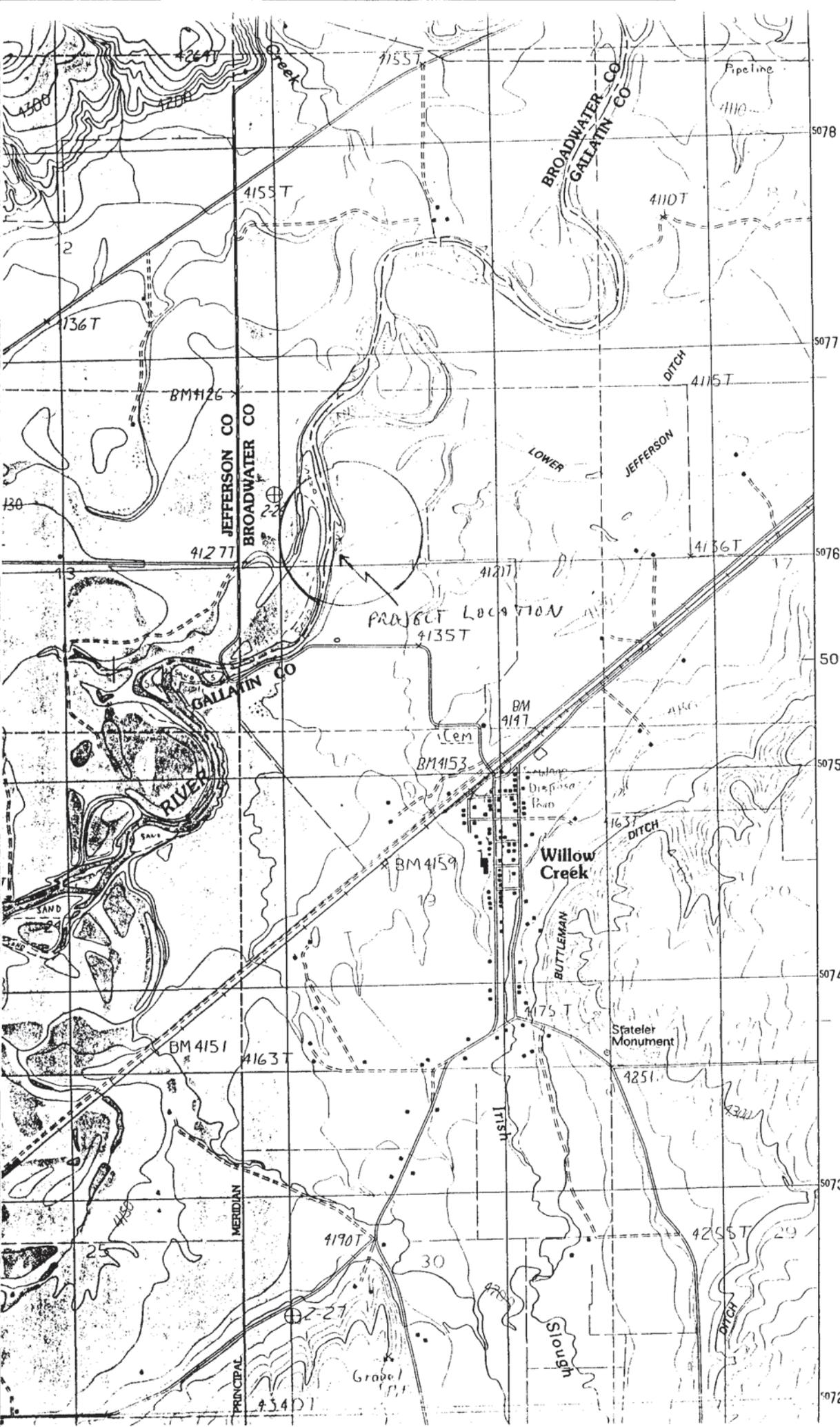
This activity will result in a significant increase in turbidity. A turbidity exemption will not be granted using the proposed construction plan. THE APPLICANT should immediately contact the Department of Health and Environmental Sciences, Water Quality Bureau, A-206, Cogswell Bldg. (406-449-2406), Helena, MT 59620 to discuss options for compliance with Montana Surface Water Quality Standards.

DFW&P Representative's Signature

*Richard J. Vincent*

Date *12/20/88*

THE CONSERVATION DISTRICT SHOULD FORWARD A COPY OF THIS FORM TO THE WATER QUALITY BUREAU AT THE ABOVE ADDRESS.



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5078  
5077  
5076  
5075  
5074  
5073  
5072

PRINCIPAL MERIDIAN

PROJECT LOCATION  
4135T

Willow Creek

RIVER

LOWER

JEFFERSON

Irish

Slough

Stater Monument

BUTTLEMAN

JEFFERSON CO  
BROADWATER CO

BROADWATER CO  
GALLATIN CO

Pipeline

Cem

BM 4147

BM 4153

BM 4159

BM 4151

4190T

30

4255T

4340T

Gravel pit

136T

4155T

4110T

DITCH

4115T

4136T

163T

4175T

4251

4271

29

4300

4264T

4155T

4110

130

4127T

4121T

SAND

SALT

25

4145

25

4145