



The Water Resource Specialists

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DEPARTMENT OF
WATER RESOURCES

July 1, 2013

Gary Spackman
Director
Idaho Department of Water Resources
PO Box 83720
Boise, ID 83720-0098

Subject: Joint Agency and Public Meeting for the Middle Ditch Small Conduit
Hydroelectric Exemption Application

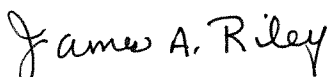
Dear Mr. Spackman:

It is the intent of the Cub River Irrigation Company to apply to the Federal Energy Regulatory Commission (FERC) for a small conduit hydroelectric exemption for the Middle Ditch hydroelectric plant. Pursuant to FERC consultation requirements of the Federal Power Act (18 Code of Federal Regulations 4.38(b)), the Cub River Irrigation Company has scheduled a public meeting for all potentially pertinent agencies, Indian tribes, and interested members of the public.

The meeting is scheduled for July 31, 2013 at 10:00 am in the Larsen-Sant Library located at 109 South 1st East, Preston, Idaho. An optional site visit is scheduled to immediately follow the meeting. For more information, contact Ellis Roberts, Chairman of the Steering Committee for the Cub River Irrigation Company at 1-208-760-7988 or James Riley, Franson Civil Engineers (Consultant) at 1-801-310-6208.

At the meeting, the Cub River Irrigation Company and its Consultant will explain the proposed Middle Ditch small hydroelectric project, its potential environmental considerations, and to discuss the data and studies to be conducted in preparing the application to FERC. The agenda for the meeting along with a project description sheet is enclosed.

Sincerely,


James A. Riley

cc: Cub River Irrigation Company

Enclosures

**CUB RIVER IRRIGATION COMPANY
MIDDLE DITCH HYDOELECTRIC PROJECT
JOINT AGENCY AND PUBLIC MEETING**

July 31, 2013
10:00 am to 12:00 noon

Larsen-Sant Library
109 South 1st East
Preston, Idaho 83263

AGENDA

1. Introduction by Applicant – Cub River Irrigation Company
2. FERC Small Conduit Hydroelectric Exemption Process - Franson Civil Engineers
3. Project Presentation – Franson Civil Engineers
 - a) Project description
 - b) Facilities – no change in point of diversion
 - c) Operation of power plant
 - d) Integration with present irrigation delivery pipelines
 - e) Environmental considerations
 - f) Power and existing pumping integration
4. Questions and Discussion on Studies/Data needed for the Application

Site visit (Optional)

PROJECT INFORMATION SHEET
MIDDLE DITCH SMALL HYDROELECTRIC CONDUIT EXEMPTION APPLICATION

Applicant: Cub River Irrigation Company
Franklin, Franklin County, Idaho

Project: Middle Ditch Small Conduit Hydroelectric Project

Project Summary:

The Cub River Irrigation Company will pipe the Middle Ditch (see location map) to eliminate canal seepage and conserve 2,800 acre-feet of water per year. As a secondary benefit, and to utilize the 38 cfs of flow in the pipe and 280 feet of elevation drop, a small conduit hydropower plant of approximately 500 kilowatt capacity would be located at the end of the Middle Ditch pipeline. This would add power to the local power grid and reduce existing irrigation power requirements. After leaving the hydroelectric plant the water will be discharged into existing irrigation system pipelines and canals.

Project Operation:

The Middle Ditch pipeline would divert, when water is available, its initial base water rights of 38 cfs (Water Right No. 13-26-B) at the existing diversion point on the Cub River. The energy produced by the small hydroelectric plant would eliminate the need for pumping from the Haworth Pump Station.

Small Conduit Hydropower Plant:

The small hydroelectric plant would add power to the local power grid and reduce the amount of energy required to operate irrigation pumps. The plant would be operated according to irrigation water delivery patterns. Annual energy generation would be in the 2,000,000 kilowatt-hour (kwh) range.

Environmental Considerations:

The small hydro-plant would be located on non-federal land that is presently leased by the Cub River Irrigation Company. By constructing the small hydroelectric plant at the existing Haworth Pump Station, there would be no effects on endangered plant, animal or fish species. However, as part of the small conduit exemption, the Cub River Irrigation Company does plan to have an environmental survey made by a qualified environmental firm with findings being included in the small hydroelectric exemption application.

Power Considerations:

Analysis of the trade-off of existing pumping requirements with the power generated by the small hydroelectric plant will need to be made as well as integration of power into the local power grid.

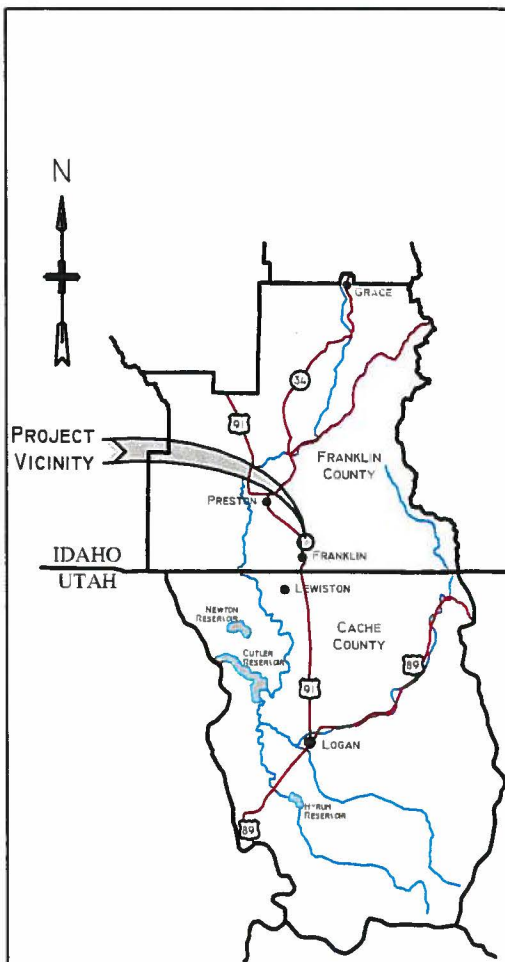
Construction Considerations:

The small hydroelectric plant would be constructed on non-federal land presently occupied by the Haworth Pump Station. The plant would be constructed during the fall of year 2014 and spring of 2015.

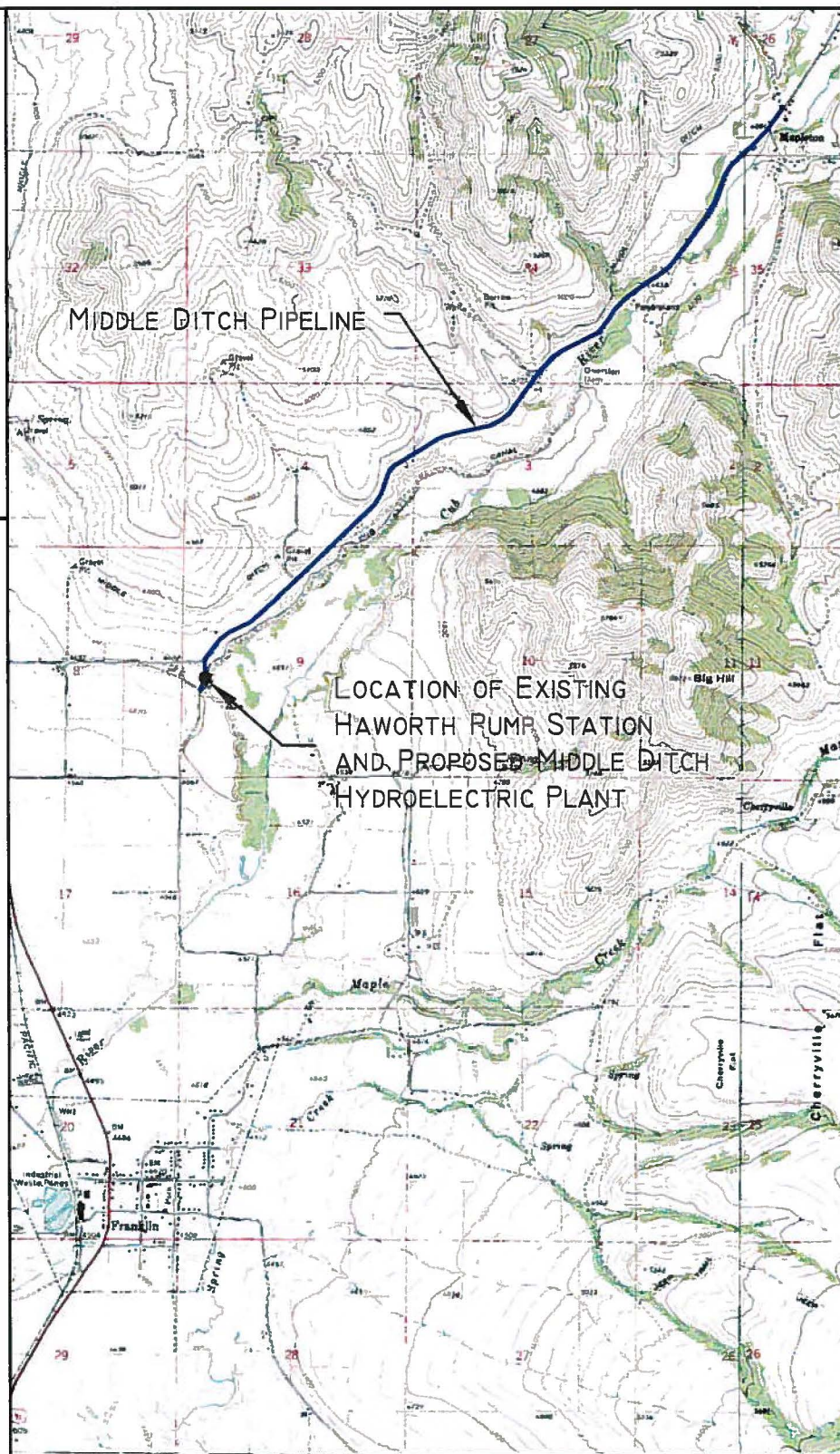
**Newspaper Ad (to be published in the Preston Citizen Newspaper (Preston, Idaho)
on July 10, 17 and 24**

On July 31 2013, the Cub River Irrigation Company will hold a public meeting to explain the proposed Middle Ditch hydroelectric project, its potential environmental considerations and to discuss the data and studies to be provided in its upcoming application to the Federal Energy Regulatory Commission for a small conduit hydroelectric exemption. The project would be located in Franklin County, Idaho and constructed on land presently occupied by the existing Haworth Pump Station.

The meeting will be held at 10:00 am in the Larsen-Sant Library located at 109 South 1st East, Preston, Idaho. An optional site visit is scheduled to immediately follow the meeting. For more information, contact Ellis Roberts, Chairman of Steering Committee for the Cub River Irrigation Company, 1-208-760-7988.



County Map



Project Area Map

	DATE: JUNE 25, 2013	CUB RIVER IRRIGATION COMPANY	FIGURE I
	SCALE:		
	Location Map.dwg		
	H:\CLIENT9-North Utah Area\Cub River Irrigation Company\Middle Ditch Canyon PipeDrawings		
	LAYOUT: Location Map (8x11)	MIDDLE DITCH SMALL HYDROELECTRIC PLANT	LOCATION MAP