

Werner, Linda

From: City of Potlatch <potlcity@potlatch.com>
Sent: Thursday, May 30, 2019 10:45 AM
To: Werner, Linda
Subject: City of Potlatch - Water Right 87-7004
Attachments: 87-7004.pdf

Hi Linda:

Please see attached paperwork that hopefully will provide "Evidence of Priority" for Water Right 87-7004.

If you need further information, we do have much more paperwork that goes with each of the City's wells which is history that has been stored at the University of Idaho.

With kind regards,

Shelly

Shelly M. Hammons, CMC
City Clerk-Treasurer
City of Potlatch
P.O. Box 525
Potlatch, ID 83855
(208) 875-0708
<http://www.cityofpotlatch.org>



State of Idaho
DEPARTMENT OF WATER RESOURCES
322 East Front Street • P.O. Box 83720 • Boise, Idaho 83720-0098
Phone: (208) 287-4800 • Fax: (208) 287-6700 • Web Site: www.idwr.idaho.gov

May 13, 2011

Angela Taylor, PE
Taylor Engineering, Inc.
245 E. Main St.
Pullman, WA 99163

RE: City of Pocatello Wastewater Improvement Project

Dear Ms. Taylor:

I have reviewed your letter requesting comment on the City of Pocatello's plan to land apply its treated wastewater. It does not appear that your selected alternative will require construction within the Palouse River. However, if your plans ultimately require an additional force main across the river or other construction in the river channel, a stream channel alteration permit from IDWR may be required. Application forms for the stream channel protection program may be obtained at:

<http://www.idwr.idaho.gov/Rules/StatusForms/StreamChannel/StreamChannelForms.htm>

As for water right requirements for the project, the question is difficult to answer because the law regarding the use of wastewater by municipalities has not been fully developed in Idaho. IDWR recently received a request from an engineering firm working for Rockland Water & Sewer Association to comment on a proposal similar to your proposal for the City of Pocatello. The Rockland proposal was discussed at length by IDWR administrators and legal counsel. My comments are drawn largely from IDWR's response to Rockland.

Under current IDWR policy, a water right filing is not required if the land application of waste water is proposed on land with an existing water right for irrigation purposes. For example, a dairy does not need a water right to mix its wastewater with water from another source for land application on cropland, so long as the water from the other source is diverted pursuant to a valid water right. If the proposed land application site is not covered by a valid water right, a water right filing is required to authorize the land application. I find no record of a water right authorizing irrigation at the proposed Pocatello wastewater land application site. Therefore, IDWR will require a water right filing to cover the water use at the land application site. The primary purpose of the filing would be to enable IDWR to track the land application activity and distinguish it from unauthorized water uses. The City has a couple of filing options. It could update the service area for its existing water rights, or it could apply for a new water right.

For most water users, if the proposed land application of wastewater would occur on cultivated fields and a water right did not exist for the beneficial use at the proposed location, a water right

Letter to Angela Taylor
May 13, 2011
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transfer would be required to authorize the larger place of use for the water right from which the wastewater originates. A transfer to add the location of the land application of wastewater would not be considered an enlargement of the water right, which could not be authorized, but it would have to meet other statutory criteria for approval. For a municipal water right, however, a transfer may not be required to change the location of the place of use, but IDWR must be provided an updated map of the service area of the existing municipal water right(s), including the land application area. The City of Pocatello currently has two water right claims (87-4042 and 87-4043) and two water right licenses (87-7004 and 87-7124) totaling 0.70 cfs.

The difference in approach between municipal water rights and water rights for other purposes results from the statutory definition of municipal use. Idaho Code § 42-202B defines "municipal purposes" as:

[W]ater for residential, commercial, industrial, irrigation of parks and open space, and related purposes, excluding use of water from geothermal sources from heating, which a municipal provider is entitled or obligated to supply to all those users within a service area, including those located outside the boundaries of a municipality served by a municipal provider.

IDWR interprets "related purposes" to include land application of wastewater from the municipal system since adequate disposal of the waste is an obligation of the city. This interpretation by IDWR applies only to wastewater; it does not include the direct application of water from the municipal system to grow crops on agricultural land.

Another option for Pocatello would be to file an application to establish a new water right for the beneficial use of wastewater at the land application site. Water right application forms are available at <http://www.idwr.idaho.gov/Rules/StatusForms/WaterRights/WaterRightForms.htm>.

If you have questions, please call or email.

Sincerely,

Shelley W. Keen
Water Rights Section Manager

Keen, Shelley

From: Keen, Shelley
Sent: Friday, May 13, 2011 2:50 PM
To: angela@taylorgenr.com
Subject: RE: Potlatch Wastewater Improvements
Attachments: Letter regarding City of Potlatch wastewater treatment.pdf

Angela,

I've attached a PDF version of a letter responding to your request for comment on the City of Potlatch project. I will send the original by regular mail.

Please call or email if you have questions.

Sincerely,

Shelley Keen
Idaho Department of Water Resources
P.O. Box 83720
Boise, ID 83720-0098
(208) 287-4947
shelley.keen@idwr.idaho.gov

-----Original Message-----
From: Angela Taylor [<mailto:angela@taylorgenr.com>]
Sent: Thursday, May 12, 2011 10:01 AM

To: Keen, Shelley
Subject: RE: Potlatch Wastewater Improvements

Thank you for the update.

-----Original Message-----
From: Keen, Shelley [<mailto:shelley.keen@idwr.idaho.gov>]
Sent: Thursday, May 12, 2011 8:03 AM
To: angela@taylorgenr.com
Subject: RE: Potlatch Wastewater Improvements

Angela,

I received your request for review of the City of Potlatch's plan to land apply its treated wastewater. I will try to respond today or tomorrow. I expect my review and comments to focus mainly on water right requirements.

Shelley Keen
Idaho Department of Water Resources
P.O. Box 83720
Boise, ID 83720-0098
(208) 287-4947
shelley.keen@idwr.idaho.gov

-----Original Message-----

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From: Angela Taylor [<mailto:angela@taylorgenr.com>]
Sent: Tuesday, May 10, 2011 1:00 PM
To: Keen, Shelley
CC: 'Chris Mansfield'
Subject: Potlatch Wastewater Improvements

Shelley,

The City of Potlatch is planning to make improvements to their wastewater effluent treatment downstream of their existing lagoons. As funding is coming from the IDEQ in the form of a SRF loan and CDBG Grant, we are required to maintain compliance with the NEPA process. As such we have drafted an Environmental Information Document (draft attached without appendices) and submitted it to IDEQ.

IDEQ has requested that we consult with IDWR regarding the impacts of this project on river flows, water rights, and impacts to water rights. As you are aware, land application requires a reuse permit, which the City has begun to obtain. Land application is only planned to occur for a portion of each year. We would appreciate your input on the effect this will have on flows within the Palouse River, if any. Do you concur with our statement that the improvements will not adversely affect the river and water rights?

Let me know if you need additional information to make this decision.

Angela Taylor, PE, LEED AP
Taylor Engineering, Inc.
245 E. Main St.
Pullman, WA 99163
(509)334-5115
(509)334-5956 FAX
angela@taylorgenr.com

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ENVIRONMENTAL INFORMATION
DOCUMENTS

FOR THE

CITY OF POTLATCH
REGIONAL WASTEWATER TREATMENT
SYSTEM – WW 0904

APRIL 2011

SUBMITTED BY:
TAYLOR ENGINEERING, INC.

PREPARED BY:
ANGELA TAYLOR, PE
CHRIS MANSFIELD, PE

OWNER:
CITY OF POTLATCH
MAYOR DAVE BROWN
PO BOX 525
POTLATCH, ID 83855


245 E Main St.
Pullman, Washington 99163
509-334-5115 509-334-5956 FAX
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Engineering Information Documents
City of Potlatch Wastewater Treatment System
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1. PROJECT DESCRIPTION

The proposed project is a wastewater reuse (land application) system for the City of Pollach, Idaho. With its National Pollutant Discharge Elimination System (NPDES) Permit recently expired and the potential for more stringent discharge requirements in the next permit, the City is proposing improvements to its current wastewater treatment facility to help it meet these new regulations.

After careful analysis of many options was made in the February 2011 *Wastewater Facilities Plan Addendum* (refer to Appendix A), the choice that was best suited to the Pollach area was River Discharge plus Land Application on Pollach Corp. Land south of the river.

The proposed project site lies adjacent to and east of the existing sewage lagoons and south of the Palouse River. The City is in the process of acquiring 52.8 acres of land from the Pollach Corporation. The project will disturb approximately 17 acres to install and operate a slow-rate land application/irrigation disposal of recycled water (treated effluent) from the lagoons.

The improvements required for this project have an estimated cost of \$1,207,988, including land acquisition. Funding will come from multiple sources. Remaining funds from the 2009 Loan #WW 0904 will cover \$166,089, a Community Development Block Grant (CDBG) will cover \$450,000; and a 2011 DEQ Loan will cover the remaining \$591,920, to be repaid over 20 years at a 1.75% interest rate. The 2009 DEQ loan is part of the American Recovery and Reinvestment Act (ARRA) administered by IDEQ with a total amount of \$2,702,442, which included \$2,602,442 of principal forgiveness and \$100,000 to be repaid over 20 years at 0% interest.

With 416 sewer connections in the City of Pollach and 100 in the Onaway Water and Sewer Association (OWASA), financing the proposed improvements will cost \$6.70 per connection. Refer to Section 5.4 in the *Facilities Plan Addendum* (Appendix A) for more details on funding options and cost break down.

The existing user charge in the City of Pollach is \$45.00 per month. This project would increase the user charge to around \$49.20 per month, depending on the funding options chosen. This rate includes a debt service charge of \$5.70 per month. It should be noted that the user charge equates to an increase of only \$4.20, because the Capital Improvements Fund is eliminated.

The following narrative satisfies the requirements of the Idaho Department of Environmental Quality (IDEQ) Environmental Information Documents (EIDs) and outlines the environmental impact of the proposed project on the surrounding areas. Discussion includes the need for the proposed facility and its impact on air, water, land, plants, and wildlife, among others. In addition, mitigation measures will be discussed.

2. PURPOSE AND NEED FOR THE PROPOSED PROJECT

The City's NPDES permit expired March 31, 2010, but was extended via a 4/7/10 letter from the EPA. It is a "30/45" permit, meaning the average monthly limit for Biochemical Oxygen Demand (BOD) and Total Suspended Solids (TSS) cannot exceed 30 mg/litre nor 45 mg/l, respectively. The permit includes average monthly limits for E. coli of 126/100 ml and total residual chlorine of 0.02 mg/l. Numerous discharge violations have occurred over the years from the existing lagoon discharge facility.

In addition, ammonia limits are being studied by EPA and IDEQ. There are no ammonia limits in the City's current NPDES permit, but "... ammonia is one of the things the EPA wants to look at when they re-issue the NPDES permit" (Reference 9/23/10 phone message from Katherine Collins of EPA-Seattle, 206-553-2108).

For comparison, NPDES Permits for Deary, Genesee, Kendrick, Plummer, Santa-Fernwood, and Troy all have effluent limitations similar to Polatch. None of these communities have an established ammonia limit, but all were required to monitor for ammonia during 2006. The City of Polatch's effluent averaged 5.0 mg/l of ammonia in 2006.

The alternatives presented in this document aim to focus on methods of reducing ammonia, BOD, and TSS discharges into the Palouse River, in anticipation of forthcoming ammonia limits in the next NPDES permit.

Methods for reducing ammonia include improved wastewater treatment methods (reduces the concentration of ammonia in the wastewater) or discharging to an alternate location (reduces the amount of ammonia discharged into the river). These methods are listed in Section 3 below.

3. ALTERNATIVES INCLUDING THE PROPOSED ACTION

Alternatives that were considered in the *Facilities Plan Addendum* (Appendix A) are summarized below.

- A. Hybrid System I – River Discharge plus Large Soil Absorption System (LSAS) - Not feasible due to inadequate soil conditions for LSAS.
- B. Hybrid System II – River Discharge plus Land Application on Polatch Corp. Land - South of Palouse River – Lowest cost alternative that was chosen for additional study and lowest environmental impact associated with the installation.
- C. Land Application – Polatch Corporation Land - North Side of Palouse River – majority of site located in floodplain and opposite side of river from lagoons requiring additional force main.
- D. Land Application – Becker Property - Not feasible: Property owners not willing to sell.
- E. Hybrid System III – River Discharge, Small LSAS, and Land Application
- F. Mechanical Treatment – Not feasible for further study or design due to unknown ammonia treatment limits and potentially high costs.
- G. Do Nothing Alternative – Not feasible due to potential for future violations, including monetary penalties imminent and inability to renew NPDES discharge permit.

Based on the analysis provided in Chapter 4 of the *Facilities Plan Addendum* (Appendix A), the alternative that was chosen is Hybrid System II, designated as Alternative B - River Discharge plus Land Application on Polatch Corp. Land south of the river. In addition, this option was the least expensive. Figure 3-1 shows the schematic layout of the treatment facility and collection lines while Figure 3-2 shows the proposed geographic location of the facility. Chapter 4 of the *Facilities Plan Addendum* (Appendix A) discusses why the other alternatives are not considered viable, while Chapter 5 summarizes why the proposed option was chosen.

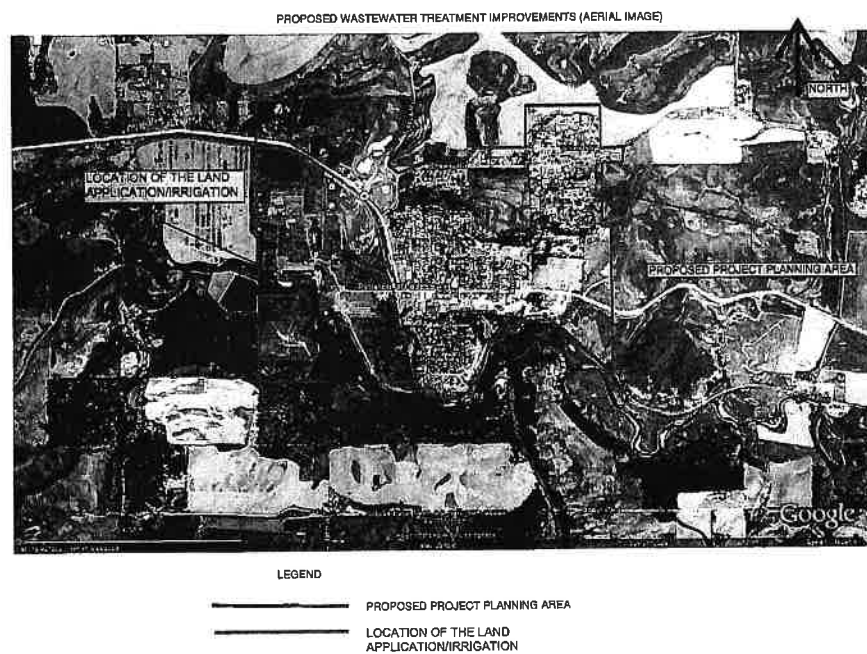
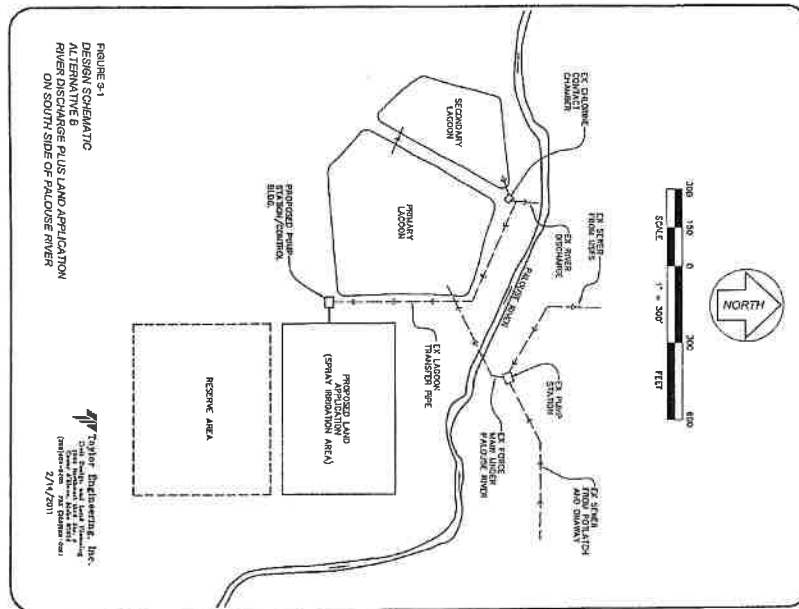


Figure 3-2

4. AFFECTED ENVIRONMENT

The Project Planning Area is shown in Figure 3-2, and includes the incorporated areas of Polkatch and Onaway as well as the areas outside of the city limits that include the lagoons and proposed land treatment area. The sanitary sewer system serves 100 users in Onaway and 416 users in Polkatch for a total of 516 Equivalent Dwelling Units (EDUs). Sanitary sewer services include some light commercial with the majority being residential.

Sewage flows vary widely throughout the year, but have improved (decreased) since 2008 when repairs to the collection system began. Average flow was 61,800 gallons per day from 2005 to 2008, compared to only 43,000 gpd from May 2008 thru April 2010. The design flow used in the analysis is 87,000 gallons per day, or 24.5 million gallons per year, as determined in the October 2009 Design Report for Sewer Pump Station and Force Main Upgrades.

A. Physiography, Topography, Geology and Soils

i. Affected Environment

Generally, the area around Polkatch is bounded by forests to the north and south, but the major landforms of the area are consistent with the Palouse rolling hills. The Palouse River cuts through the landscape as it winds its way westerly. There are no significant geologic formations present within the landscape other than the predominant Palouse hills.

Soil within the city limits has a general soil classification under the name Santa-Helmer soil. Characteristics of Santa-Helmer soil are very deep, moderately well drained, gently sloping to moderately steep soil formed in loess and volcanic ash. Primary soil types within the city limits include: Larkin silt-loam, Southwick silt-loam, Bluespring-flybow, and Hampton silt-loam.

The city limits of Polkatch border a Hampton-Crumaine soil lying along the shores of the Palouse River. Characteristics of the soil are very deep, moderately to poorly drained soils formed in alluvium. These soil characteristics are only typical on the south edge of town.

Soils at the project site include Hampton silt loam, Taney silt loam, Klickson silt loam and Hampton-Crumaine soils in the drainage course of the Palouse River. The silt-loam soils pass 40-100% on the No. 200 sieve, and are some of the more productive agricultural soils in the Palouse region. The Hampton-Crumaine soils along the river are good for wetland habitat.

ii. Environmental Consequences

There are no physical conditions within Polkatch or the proposed project site that would adversely affect the installation or effectiveness of the proposed wastewater reuse facility. A common characteristic among the soil types is the high water erosion potential when the soils are stripped of vegetation and left exposed to precipitation.

iii. Mitigation

Since the soil will be disturbed while excavating for the irrigation pipes, precautions will be taken to prevent sediment from leaving the construction site. The project specifications will require the contractor to abide by the EPA's Construction General Permit Best Management Practices, including the installation of silt fencing. Additional BMPs will be implemented as necessary to limit the amount of sediment loading that enters the Palouse River and to protect the on-site soils from erosion. Seeding will also occur after installation of the irrigation lines.

B. Climate

i. Affected Environment

The climate of Polkatch is typical of the northwestern United States with approximately 27 inches of precipitation each year. There is a wide range of temperatures and four distinct seasons each year, but there are no unusual conditions that would lead to poor air quality or adversely impact the proposed wastewater facility.

ii. Environmental Consequences

No climatic changes will occur as a result of the land treatment installation.

iii. Mitigation

No adverse affect will occur therefore, no mitigation is necessary.

C. Population

i. Affected Environment

The combined population of Onaway and Polkatch has remained fairly steady for the past 20 years, as noted below:

	1990	2000	2010
Onaway Population	203	230	187
Polkatch Population	790	791	804
Total	993	1021	991

Projections for the future, based on an 0.5% growth rate, are as follows:

	2020	2030	2040	2050
Onaway Population	200	210	220	230
Polkatch Population	840	880	930	980
Total	1040	1100	1150	1210

ii Environmental Consequences

The population would benefit from the addition of a sanitary sewer treatment facility by reducing the environmental impact associated with the present treatment method and its impact to the Palouse River.

iii Mitigation

No mitigation will be necessary.

D. Economics and Social Profile

i Affected Environment

The economics and social profile of Polatch will not be affected by the proposed project.

ii Environmental Consequences

By obtaining grant funding, the City has been able to limit the increase in monthly user fees significantly. Monthly sewer rates will remain in-line with neighboring communities.

iii Mitigation

No additional mitigation is necessary.

E. Land Use

i Affected Environment

The Project Planning Area includes residential, commercial, agricultural, and industrial areas. The proposed project site is located outside of Polatch city limits and within Latah County. The current use of the project site is agricultural but there is no evidence that crops were ever grown. The site will be utilized for agricultural production after construction is complete, within the allowable parameters set forth in IDAPA 58.01.17, Recycled Water Rules. The site is not considered prime farmland (see Appendix I).

ii Environmental Consequences

No impacts to commercial, industrial, transportation, utilities or other land use will be adversely affected by the addition of the proposed infrastructure. The agricultural use of the site will remain after construction is complete therefore, the use will not change and the site conforms with the comprehensive plan and zoning for the area.

iii Mitigation

No adverse impact will occur as a result of this project. Therefore, no mitigation is necessary.

F. Floodplain Development

i Affected Environment

The FEMA Flood Insurance Study floodplain map in Appendix C shows the existing lagoons as outside (higher elevation than) the 100-year flood boundary. The map gives elevations in the older NGVD 29 datum, which is 3.65 feet lower than the newer NAVD 88 datum. For example, at the northeast corner of the lagoons, the 100-year flood elevation is 2484 (NGVD 29 datum), which equates to elevation 2487.65 (NAVD 88 datum). At this location, the lagoon dike elevation of 2491 (NAVD 88) is 3.35 feet above the 100-year flood crest elevation.

Since, at the lagoons, the 500-year flood elevation is only one foot higher than the 100-year flood elevation, the lagoon dike is above the 500-year flood crest as well.

The project site is adjacent to and just above the 100-year floodplain.

ii Environmental Consequences

No material will be imported or added in the floodplain. Therefore the proposed site will not impact the floodplain.

iii Mitigation

No mitigation necessary.

G. Wetlands

i Affected Environment

A wetland determination report for the land treatment area was completed by Tom Duebendorfer in January 2010. (See Appendix D). As seen in the report the land treatment area is bounded to the north and east by wetlands. In addition, a small marginal wetland occurs toward the northwest of the site. All irrigation lines will be excluded from the wetland areas. However, after construction is complete, recycled water may enter the wetlands by spray application.

ii Environmental Consequences

At the project site, minimal impacts to the wetlands will be seen, as construction will be excluded from these areas and protected during construction. Excavation will not occur within the wetlands, but spray may enter the wetland areas during irrigation times.

iii Mitigation

During construction, strategic use of BMPs such as silt fence, high visibility construction fencing, and "do not disturb" signs will preclude disturbance as well as protecting the wetlands from surface runoff. No features will be constructed within these areas. Spray from recycled water is not anticipated to adversely affect the wetlands. Therefore, no mitigation with respect to this spray will be required.

H. Wild / Scenic Rivers

i Affected Environment

There are no scenic rivers flowing near the City of Polatch. According to the Idaho State home page the closest scenic river to Polatch is the St. Joe River, which drains into Lake Coeur d'Alene.

ii Environmental Consequences

There will be no disturbances in or near any Scenic River location.

iii Mitigation

No mitigation will be necessary.

I. Proximity to Sole Source Aquifer, Water Quality and Quantity

i Affected Environment

Polatch is not located above a sole source aquifer or source area defined by the EPA. The closest sole source aquifers are the Spokane-Rathdrum Sole Source Aquifer 50 miles north of Polatch and the Lewiston Basin Aquifer to the south approximately 40 miles.

According to the EPA, the local aquifer is a streamflow data gathering zone for the Columbia Plateau aquifer in Washington. Currently the City of Polatch has three operational wells drawing water from the local aquifer.

ii Environmental Consequences

The aim of this project is to improve water quality and protect the water resources of the community and surrounding areas. Infiltration rates of the soils of very low and will impede vertical migration of the surface flows into the underlying aquifer. Therefore, no negative impact from the wastewater treatment facility will be seen in the aquifers or wells.

iii Mitigation

There are no municipal or private wells within 1,000 feet of the wastewater reuse site. No mitigation will be necessary due to no disturbance.

J. Environmental Justice

i Affected Environment

Executive Order (EO) 12898, "Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations", was issued by the President of the United States on February 11, 1994. This order established the requirements to address Environmental Justice as part of the environmental process. To satisfy this requirement, identification of the human health or environmental effect on minority or low-income communities with regard to the proposed construction needs to be

addressed to ensure that programs receiving Federal financial assistance do not result in discrimination.

"Title VI of the Civil Rights Act of 1964" was created to ensure that individuals were not subjected to discrimination under any program receiving Federal financial assistance.

ii Environmental Consequences

The proposed project does not disproportionately create adverse human health conditions for low income or minority groups within the community. In fact, it improves the regional environment by alleviating BOD, TSS, and ammonia loading into the Palouse River.

iii Mitigation

No mitigation will be necessary due to no adverse effect.

K. Cultural Resources

i Affected Environment

Plateau Archaeological Investigations, LLC completed a Cultural Resource Survey in April 2011 (Appendix G). The report includes discussion of a historic dump site that includes a secondary scatter area. The project site is previously undisturbed except for the dump area and no structures or structural remains are seen on the site. Polatch Corporation historically used the lands north of the Palouse River to a greater extent and never developed the land treatment site.

ii Environmental Consequences

As excavation will be minimal in these areas, it was determined that the project would not adversely affect the area.

iii Mitigation

Correspondence was initiated with regard to the land application site to ensure that no cultural resources would be disturbed. SHPO and THPO correspondence indicated that a Cultural Resource Survey should be completed. As a result, of recommendations made in the Cultural Resource Survey, excavation monitoring will take place in excavations that are within 100 feet of the dump and scatter areas.

L. Flora and Fauna, Biological Resources

i Affected Environment

A Biological Assessment was completed by Tom Duebendorfer in January 2010. The result of that assessment was that no effect to federally-listed threatened and endangered species would occur as a result of the proposed land treatment improvements. See Appendix H for the full Biological Assessment. Additional correspondence was sent to the Idaho Fish and Game and US Fish and Wildlife officials to get concurrence on these findings (See Appendix H & L).

ii Environmental Consequences

There are no known threatened or endangered species or sensitive habitat areas within the project area and the construction will not have any adverse impacts to fish and wildlife. The construction will benefit fish and wildlife downstream of the treatment facility due to cleaner water entering the Palouse River.

iii Mitigation

BMFs installed during construction to limit the amount of sediment loading will be the only mitigation necessary to alleviate impacts to plants and animals within the area.

M. Recreation and Open Space

i Affected Environment

There are no recreation areas within the project site. The project will require 52.6 acres of land that are currently being used for non-food agricultural production and will continue to be used as such.

ii Environmental Consequences

The treatment facility will not impact recreation and open space uses in Pollack.

iii Mitigation

No mitigation will be necessary as no recreation or designated open spaces are found at the project site.

N. Agricultural Lands

i Affected Environment

The project site is not listed as an environmentally significant agricultural land and will not adversely impact the surrounding agricultural lands. After sufficient detention time in the lagoons, the recycled water is relatively free of pathogens.

ii Environmental Consequences

No adverse affects will be seen to significant agricultural lands as a result of the proposed construction. Grass hay agricultural production will still take place at the site.

iii Mitigation

No mitigation will be necessary due to no adverse effects seen from the proposed construction.

O. Air Quality

i Affected Environment

Aerosol spray from the irrigation process could drift toward Pollack residents during high wind conditions.

ii Environmental Consequences

Some odors may be present but will not exceed air quality standards. will not be more concentrated, and will not be hazardous to the health of the community

iii Mitigation

Trees will be planted along the riverbank to create a barrier between the land application site and the City. In addition, operation & maintenance guidelines will be put into place for the plant operator to follow when irrigating in windy conditions.

P. Energy

i Affected Environment

The project will use some electric power, but will not be a significant energy draw. Therefore, no concessions are made for reducing energy consumption. The proposed irrigation pumps and control building are the only components that require power.

ii Environmental Consequences

The proposed construction does not affect the energy needs of the area.

iii Mitigation

No mitigation will be necessary.

5. MEANS TO MITIGATE ADVERSE ENVIRONMENTAL IMPACTS

A. Water Quality Mitigation

During construction, the contractor will be required to maintain compliance with the EPA Construction General Permit and ensure that surface runoff is within allowable limits for turbidity. To comply with this, a Stormwater Pollution Prevention Plan (SWPPP) will be developed and adhered to during construction. In addition, BMPs will be in place prior to construction.

Wetlands will be marked or otherwise delineated prior to construction, and no work will be allowed in the wetlands.

B. Public Health Mitigation

The treatment of the effluent occurs by holding time within the lagoons and chlorination (disinfection) prior to discharge into the irrigated wastewater reuse area. This treatment train will act to mitigate ill-effects on the environment as dictated by the NPDES permit.

C. Cultural Resource Mitigation

Archaeological monitoring will be initiated when excavations come within 100 feet of the dump and scatter areas.

D. Project Cost Mitigation

The cost of the project is the most significant deterrent for the project and was the main concern of residents within Polatch and Onaway. However, the costs will be greatly reduced by successful DEQ loans and Community Development Block Grants for the project. This would make the user fee around \$50 per month and would be more accepted by the residents.

6. PUBLIC PARTICIPATION

A public notice requesting comments and notifying the public of a meeting to be held was published in the October 30 & 31, 2010 weekend edition of the *Moscow-Pullman Daily News*. The minutes of the November 10, 2010 public hearing and affidavit of public notice can be found in Appendix K. Public comment was allowed for 30 days following publication of the public notice. All environmental documents, facility plans, and plan sheets were available for the public to view, and each alternative was presented during the public information meeting. At the expiration of the 30 day comment period, no comments had been received.

7. REFERENCE DOCUMENTS (BIBLIOGRAPHY)

- City of Polatch, Idaho. *Polatch Comprehensive Plan*. Polatch, Idaho; circa 1998.
- Idaho Department of Environmental Quality. *Guidance for Reclamation and Reuse of Municipal and Industrial Wastewater*. Boise, Idaho: September 2007.
- Idaho Department of Environmental Quality. *Technical Guidance Manual for Individual and Subsurface Sewage Disposal Systems*. Boise, Idaho: September 12, 2008.
- Taylor Engineering, Inc. *City of Polatch Regional Wastewater Collection and Treatment System Facilities Plan*. Coeur d'Alene, Idaho: 2007.
- Taylor Engineering, Inc. *City of Polatch Design Report for Sewer Pump Station and Force Main Upgrades*. Coeur d'Alene, Idaho: October 30, 2009.

8. AGENCIES CONSULTED AND MAILING LIST

Table 8-1 lists each agency that was contacted for information pertaining to the proposed wastewater treatment facility. It also includes the mailing list for each attendee of public meetings, local residents, and each agency. Appendix L includes all agency correspondence.

Table 8-1
Agency List

Name	Agency	Environmental Resources for which to Make Agency Contact	Address	Phone / E-Mail
Walter Ranch	Adjacent Landowner		1540 Hamman Creek Rd. Polatch, ID 83855	208-875-0262
Mayor Dave Brown	City of Polatch	Public Meeting attendee	PO Box 525 Polatch, ID 83855	208-875-0708
Walter M. Stead	Walter M. Stead & Associates	Public Meeting attendees / CDBG Project Administration	1345 Ridgeview Dr. Moscow, ID 83843	208-883-0723
Duane Mitchell	US Army Corps of Engineers, Walla Walla District	Wetlands, 404 Permits, Flood plains	201 North Third Avenue Walla Walla, WA 99352-1976	
Dan Brega, Branch Chief	National Marine Fisheries Services / NOAA Fisheries	Threatened and endangered fish populations	1005 Highway 13 Grangeville, ID 83530	
Bob Kahler	US Fish and Wildlife Service	Threatened Endangered Species, other wildlife and flora	1367 South Vaneil Way, Suite 889 Boise, ID 83709	208-376-5243
Alan Stanford	Idaho Dept. of Environmental Quality	Water Quality, Air Quality	1410 North Hillen Statehouse Mall Boise, ID 83720-9000	

Tom Moore	Idaho Dept. of Environmental Quality, Lewiston Regional Office	Water Quality, Air Quality	1118 "F" Street Lewiston, ID 83402	208-789-4370
Coeur d'Alene Regional Floodplain Staff	Idaho Dept. of Water Resources, Coeur d'Alene Northern Regional Office	Floodplain management, maps, general assistance	1910 Northwest Blvd. Suite 210 Coeur d'Alene, ID 83814-2815	
Ray Hensley	Idaho Dept. of Fish and Game, Clearwater Region	Biological resources, non game plant and animal species	1540 Warner Avenue Lewiston, ID 83501	
USDA NRCS	USDA NRCS Web Soil Survey	Prime/important Farmland	Soil Survey Staff, Natural Resources Conservation Service, United States Department of Agriculture, Web Soil Survey, Available http://websoilsurvey.nrcs.usd a.gov/ accessed [04/25/2011]	
Paul Guenther, Epidemiologist, Health Director	Panhandle District Health Department	Solid Waste	215 10th Street Lewiston, ID 83501	208-799-0356
Suzi Peggidy, Deputy SHPO	Idaho State Historical Society	Historic and archaeological sites and sensitive areas	210 Main Street Boise, ID 83702	208-394-3847
Patrick Baird, THPO	Nez Perce Tribe	Historic and archaeological sites and sensitive areas according to tribal map.	PO Box 355 Lapwai, ID 83540	208-843-7400 Ext 2342
Jill Maria Wagner, PhD, THPO, Cultural Resource Program	Coeur d'Alene Tribe	Historic and archaeological sites and sensitive areas according to tribal map	PO Box 408 Plummer, ID 83851	208-686-1572

ACRONYMS & ABBREVIATIONS

ARRA
BOD
BMP
CDBG
EDU
EPA
gpd
IDAPA
IDEQ
LSAS
MCL
NPDES
OWASA
SHPO
SWPPP
THPO
TSS

American Recovery and Reinvestment Act of 2009
Biochemical Oxygen Demand
Best Management Practice
Community Development Block Grant
Equivalent Dwelling Unit
Environmental Protection Agency
Gallons per day
Idaho Administrative Procedures Act
Idaho Department of Environmental Quality
Large Soil Absorption System
Maximum Containment Level
National Pollutant Discharge Elimination System
Onaway Water and Sewer Association
State Historic Preservation Office
Stormwater Pollution Prevention Plan
Tribal Historic Preservation Office
Total Suspended Solids

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100	100	0

LICENSE OF WATER RIGHT

THIS IS TO CERTIFY, that the City of Pocatello, Idaho

NO. OT-1006 ABSTRACT NOT FOR REPRODUCTION FOR EXHIBIT SECTION
Amount \$0.10 1971

is hereby confirmed in the following amounts:

Amount _____ for _____ from _____ (both dates inclusive)

Figure 1 is a line graph showing the percentage of total catch versus the number of hauls for two species, *P. setiferus* and *P. setiferus* + *P. setiferus* + *P. setiferus*. The x-axis represents the number of hauls (1 to 10), and the y-axis represents the percentage of total catch (0 to 100). *P. setiferus* is represented by a solid line with open circles, and *P. setiferus* + *P. setiferus* + *P. setiferus* is represented by a dashed line with open circles. Both species show a rapid increase in catch percentage in the first few hauls, followed by a plateau.

NW1/4NW1 Sec 2, Twp. 41 N, Rgd. 6 W, B. M.

Kennedy Institute

of Portland

REV.	REVISION	DATE	REVISION 1		REVISION 2		REVISION 3		REVISION 4		REVISION 5	REVISION 6	REVISION 7	REVISION 8	REVISION 9	REVISION 10	REVISION 11	REVISION 12	REVISION 13	REVISION 14	REVISION 15	REVISION 16	REVISION 17	REVISION 18	REVISION 19	REVISION 20	REVISION 21	REVISION 22	REVISION 23	REVISION 24	REVISION 25	REVISION 26	REVISION 27	REVISION 28	REVISION 29	REVISION 30	REVISION 31	REVISION 32	REVISION 33	REVISION 34	REVISION 35	REVISION 36	REVISION 37	REVISION 38	REVISION 39	REVISION 40	REVISION 41	REVISION 42	REVISION 43	REVISION 44	REVISION 45	REVISION 46	REVISION 47	REVISION 48	REVISION 49	REVISION 50	REVISION 51	REVISION 52	REVISION 53	REVISION 54	REVISION 55	REVISION 56	REVISION 57	REVISION 58	REVISION 59	REVISION 60	REVISION 61	REVISION 62	REVISION 63	REVISION 64	REVISION 65	REVISION 66	REVISION 67	REVISION 68	REVISION 69	REVISION 70	REVISION 71	REVISION 72	REVISION 73	REVISION 74	REVISION 75	REVISION 76	REVISION 77	REVISION 78	REVISION 79	REVISION 80	REVISION 81	REVISION 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314	REVISION 315	REVISION 316	REVISION 317	REVISION 318	REVISION 319	REVISION 320	REVISION 321	REVISION 322	REVISION 323	REVISION 324	REVISION 325	REVISION 326	REVISION 327	REVISION 328	REVISION 329	REVISION 330	REVISION 331	REVISION 332	REVISION 333	REVISION 334	REVISION 335	REVISION 336	REVISION 337	REVISION 338	REVISION 339	REVISION 340	REVISION 341	REVISION 342	REVISION 343	REVISION 344	REVISION 345	REVISION 346	REVISION 347	REVISION 348	REVISION 349	REVISION 350	REVISION 351	REVISION 352	REVISION 353	REVISION 354	REVISION 355	REVISION 356	REVISION 357	REVISION 358	REVISION 359	REVISION 360	REVISION 361	REVISION 362	REVISION 363	REVISION 364	REVISION 365	REVISION 366	REVISION 367	REVISION 368	REVISION 369	REVISION 370	REVISION 371	REVISION 372	REVISION 373	REVISION 374	REVISION 375	REVISION 376	REVISION 377	REVISION 378	REVISION 379	REVISION 380	REVISION 381	REVISION 382	REVISION 383	REVISION 384	REVISION 385	REVISION 386	REVISION 387	REVISION 388	REVISION 389	REVISION 390	REVISION 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776	REVISION 777	REVISION 778	REVISION 779	REVISION 780	REVISION 781	REVISION 782	REVISION 783	REVISION 784	REVISION 785	REVISION 786	REVISION 787	REVISION 788	REVISION 789	REVISION 790	REVISION 791	REVISION 792	REVISION 793	REVISION 794	REVISION 795	REVISION 796	REVISION 797	REVISION 798	REVISION 799	REVISION 800	REVISION 801	REVISION 802	REVISION 803	REVISION 804	REVISION 805	REVISION 806	REVISION 807	REVISION 808	REVISION 809	REVISION 810	REVISION 811	REVISION 812	REVISION 813	REVISION 814	REVISION 815	REVISION 816	REVISION 817	REVISION 818	REVISION 819	REVISION 820	REVISION 821	REVISION 822	REVISION 823	REVISION 824	REVISION 825	REVISION 826	REVISION 827	REVISION 828	REVISION 829	REVISION 830	REVISION 831	REVISION 832	REVISION 833	REVISION 834	REVISION 835	REVISION 836	REVISION 837	REVISION 838	REVISION 839	REVISION 840	REVISION 841	REVISION 842	REVISION 843	REVISION 844	REVISION 845	REVISION 846	REVISION 847	REVISION 848	REVISION 849	REVISION 850	REVISION 851	REVISION 852	REVISION 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A measuring device of a type approved by this Department shall be permanently maintained as part of the diverting works.

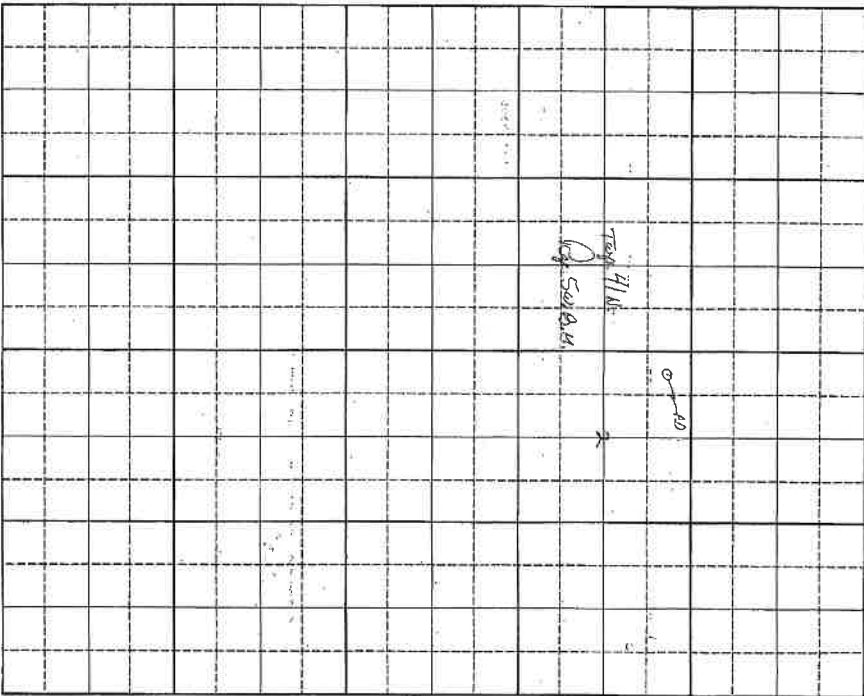
place of use herein described, as provided by the laws of Idaho.

May 19 73

Director

87 2014

11. Map of proposed project



Scale: 2 inches equal 1 mile

BE IT KNOWN that the undersigned hereby makes application for permit to appropriate the public waters of the state of Idaho as herein set forth.

By Copy of POTLACH, IDAHO
Department City Attorney

87-1004

Received by Mike Bone 5-13-89 Time 3 PM
 Preliminary check by Mike Bone 5-20-89 5-21-89
 Received by Mike Bone 5-23-89
 Publication approved by Mike Bone 5-28-89
 Published in Quincy 5-28-89
 Publication date 5-28-89
 Publication approved by Mike Bone 5-28-89
 Priority reduced to 3 Reason None

Protest filed by None 6-3-89

Copies of protest forwarded by None

Hearing held by None

Recommended for Denial by Mike Bone 6-3-89

ACTION OF STATE RECLAMATION ENGINEER

APPROVED

This is to certify that I have examined Application for Permit to appropriate the public waters of the State of Idaho No. 87-1004, and said application is hereby APPROVED.

1. Approval of said application is subject to the following limitations and conditions:

- a. SUBJECT TO ALL PRIOR WATER RIGHTS.
- b. Proof of construction of works and application of water to beneficial use shall be submitted on or before September 1, 19 71.
- c. Other: This permit is supplemental to all prior rights. Maximum rate of diversion shall not exceed 0.779 c.f.s. The applicant shall permanently install and maintain a measuring device of a type approved by the department as part of the diversion works.

2. Denial of said application is for the following reasons:

Witness my hand this 4th day of August, 19 88.

[Signature]
 State Reclamation Engineer

April 8, 1969

Re: Application for Permit
City of Pocatello

Mr. Robert T. Felton
Felton and Hielenberg
Attorneys at Law
114 East 3rd
Moscow, Idaho 83843

Dear Mr. Felton:

Enclosed is a copy of our letter of March 10, 1969 and your
firm's check in the amount of \$10.00. Please be advised that the
correct fee is \$20.00.

Very truly yours,

Donald W. Hieldeney
Appropriation Examiner

DWH:ks

enclosure: Copy of letter of March 10, 1969
Check in the amount of \$10.00

87-7004

THE HIELENBERG
ROBERT T. FELTON
W. E. ANDERSON

FELTON AND HIELENBERG

ATTORNEYS AT LAW
P. O. BOX 606
114 EAST 3RD STREET
MOSCOW, IDAHO 83843

April 8, 1969

RECEIVED
APR 8 1969
Department of Reclamation

AREA CODE 208
TELEPHONE 682-4180

State of Idaho
Department of Reclamation
Statehouse - Annex 2
Boise, Idaho 83707

Re: Application for Permit - City of Pocatello

Gentlemen:

Please find enclosed our check in the sum of \$10.00 to cover the
filing fee in the above entitled matter.

Very truly yours,

FELTON & HIELENBERG

Robert T. Felton

RTH/eb
Enclosure - check

010-
\$20

87-7004

March 10, 1969

Re: City of Pocatelli
Application for Permit

Mr. Robert T. Felton
Felton and Bieleberg
Attorneys at Law
P. O. Box 205
114 East 3rd Street
Moscow, Idaho 83843

Dear Mr. Felton:

Please be advised that before we may begin processing the above referenced application for permit, we must be in receipt of the required filing fees. The filing fee for .779 cubic feet per second or 350 gallons per minute is \$20.00.

If we may be of further assistance, please contact us.

Very truly yours,

Donald W. McElowney
Appropriation Examiner

DWM:KS

IAN BIELEBERG
ROBERT T. FELTON
W. E. ANDERSON

FELTON AND BIELEBERG

ATTORNEYS AT LAW
P. O. BOX 205
114 EAST 3RD STREET
MOSCOW, IDAHO 83843

March 6, 1969

MAR 7 1969

Department of Reclamation

Mr. R. Keith Higginson
State Reclamation Engineer
Statehouse
Boise, Idaho

Dear Mr. Higginson:

Dear Mr. Higginson:

Enclosed you will find the Application in the above matter. Please advise if it is satisfactory or not. If it is not, please submit your suggestions. If it is, please advise and we will send the filing fee.

Very truly yours,

FELTON & BIELEBERG

By *Robert T. Felton*

RWF/pas

Encl.

Re: Application for Permit
City of Pocatelli

8-9-7004

8-9-7004

STATEMENT
PUBLISHERS OF THE DAILY IDAHO NIAN

The News-Review Publishing Co., INC.

COMMERCIAL PRINTING — LETTERPRESS and OFFSET

409 SOUTH JACKSON MOSCOW, IDAHO 83843 — TELEPHONE 882-5561

DATE June 12, 1969

Department of Reclamation
Statehouse — Annex 2
Boise, Idaho 83707

Order No.

Net—No Discount Allowed

NOTICE OF APPLICATION FOR WATER \$ 5.25

I hereby certify that the foregoing account is just and correct, that the amount claimed is legally due, after allowing all just credits, and that no part of same has been paid.

DAILY IDAHO NIAN

BY:

submitted 6-16-69

\$9.1004

STATEMENT
PUBLISHERS OF THE DAILY IDAHO NIAN

The News-Review Publishing Co., INC.

COMMERCIAL PRINTING — LETTERPRESS and OFFSET

409 SOUTH JACKSON MOSCOW, IDAHO 83843 — TELEPHONE 882-5561

DATE June 12, 1969

Department of Reclamation
Statehouse — Annex 2
Boise, Idaho 83707

Order No.

Net—No Discount Allowed

NOTICE OF APPLICATION FOR WATER \$ 5.25

I hereby certify that the foregoing account is just and correct, that the amount claimed is legally due, after allowing all just credits, and that no part of same has been paid.

DAILY IDAHO NIAN

BY:

**Affidavit of
Publication**

STATE OF IDAHO }
County of Latah } ss.

A. J. Harrison
being first duly sworn, on oath,
deposes and says:

That he is the printer of The
DAILY DAHOMIAN, a newspaper
of general circulation, printed and
published daily except Sunday at
Moscow, Latah County, Idaho, in
compliance with Sections 60-106,
60-107, and 60-108 of the Idaho
Code and the amendments there-
to; that the notice of which the
annexed is a full, true and correct
printed copy was published in the
regular and entire issues of said
newspaper and not in a suppli-
ment thereto, upon the following
date: *June 6, 1973*

the same being the date designat-
ed for the publication of said
notice.

Subscribed and sworn to before
me this *13th* day of *June*,
19*73*

A. J. Harrison
Notary Public,
residing at Moscow, Idaho

Residing at Moscow, Idaho
County of Latah
My Commission Expires Feb. 26, 1970

**NOTICE OF APPLICATION
FOR WATER**

Notice is hereby given that the City of
Pocatelli, Idaho, has on May 24, 1973,
filed with the Department of Water
Resources, Boise, Idaho, an application
for water rights in the Pocatelli
River, Latah County, Idaho, and is
to be filed from the City of Pocatelli,
Idaho, for the purpose of providing
water for municipal use in the City of
Pocatelli, Idaho. The application
must be filed with the Department of
Water Resources, Boise, Idaho, on or
before June 1, 1973.

R. KEITH HITCHCOCK
State Information Engineer

May 24, 1973

Re: License No. 87-7004

CITY OF POCATELLI
Pocatelli
Idaho 83855

Gentlemen:

Enclosed please find a copy of the Water License issued on the above
referenced permit.

Sincerely,

Bobby D. Fleenor
Assistant Director

kas

Enclosure

87 7004

Phone

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September 7, 1971

Re: Permit No. 87-7004

City of Pocatello
Pocatello,
Idaho 83865

Gentlemen:

We acknowledge receipt of the affidavit submitted as proof of beneficial use for the above referenced permit.

Before a license can be issued, a field examination must be made by a representative from this Department. We cannot tell just when this examination will be made, but our examiner will contact you at the time he makes the examination so that you may arrange to have someone show him the system.

Very truly yours,

Donald W. McElweeney
Appropriation Supervisor

DWM:DR

87 7004

STATE OF IDAHO
DEPARTMENT OF WATER ADMINISTRATION
PROOF OF APPLICATION OF WATER TO BENEFICIAL USE

Identification No. 87 7004
Permit No. 87 7004

Department of Water Administration
Pocatello, Idaho

1. a) Name of Permit Holder CITY OF POCATELLO, IDAHO
b) Post Office Address PO BOX 8888
c) City POCATELLO
d) State ID

2. Permit Number 87-7004

3. Date of Priority that you are prepared to establish _____

4. a) Source from which water was appropriated _____
b) Location of the point of diversion: 41N 5 WEST 12 SECTION
Township 41N Range 5 West State Meridian, Other points of diversion: HIGHWAY TRACT 12

5. a) The amount of water and use to which the water has been applied:
amount _____ for _____ purposes from Jan 1 to Dec 31 Incl.
(its and/or acre feet per annum) (Month-Day) (Month-Day)
amount _____ for _____ purposes from _____ to _____ Incl.
(its and/or acre feet per annum) (Month-Day) (Month-Day)
amount _____ for _____ purposes from _____ to _____ Incl.
(its and/or acre feet per annum) (Month-Day) (Month-Day)

b) Total amount appropriated, 39,449,000 GPM 400 MGD
c) Describe how and by whom measurement of rate of flow or amount of storage was made and the qualifications of the person making the measurement: CITY WATER DIVISION MAN

6. If the means of diversion and conveyance are owned by someone other than the Permit Holder:
a) Give the name, description of the canal, ditch or other works by which the water is conducted to the place of use: POCATELLO ON NORTH SIDE OF POCATELLO WEST SIDE
OF TOWN

b) Describe the agreement or understanding by which you take water from the place of use: POCATELLO CITY WATER DIVISION
POCATELLO, IDAHO

7. a) Briefly describe the works for diverting and conveying the water to the place of use, (if from a subterranean source, give the pump size, motor size, size of well casing, depth of well, if from surface water, give brief description of diversion structure and/or canal or ditch) POCATELLO CITY WATER DIVISION
POCATELLO, IDAHO

b) Describe the type and size of measuring device which you have installed in your point of diversion: POCATELLO CITY WATER DIVISION
POCATELLO, IDAHO

c) Give well, ditch, name and address and date the well was completed: POCATELLO CITY WATER DIVISION
POCATELLO, IDAHO

87 7003

Approved 9-28-71
myd

87 2004

87-2004

053-10-71613-11 8-17-102 470

POST OFFICE DEPARTMENT
OFFICIAL BUSINESS



PENALTY FOR PRIVATE USE TO AVOID
FORFEIT OF POSTAGE \$300

POSTMARK OF DELIVERING OFFICE

Print your name and address below. If you want to
restrict delivery, or to have the address of delivery
shown on this receipt, check block(s) on other side.
Mailing guaranteed unless you attach this card to back of
article.

RETURN
TO

FOR PERM 3811 APR 1983 48-36-71488-11

87 7004

DEPARTMENT OF WATER ADMINISTRATION
STATEHOUSE - ANNEX #2
BOISE, IDAHO 83707

July 1, 1971 CERTIFIED MAIL #22986

Re: Permit No. 87-7004

City of Potlatch
Potlatch,
Idaho 83855

Gentlemen:

One of the conditions of approval of your water Permit No. 87-7004
(see last page of your approved permit) was that evidence of the extent of deve-
lopment be submitted as proof of application of water to beneficial use to this
office on or before September 1, 1971. Enclosed is an affidavit form which
must be used to submit the required proof of beneficial use.

If you have not fully completed your project, and you have not previously re-
ceived an extension of time, you may request an extension of time provided the
delay is for reasonable cause as indicated in Section 42-204, Idaho Code,
amended. If you have been prevented from proceeding by a governmental agency or
by litigation, more than one extension of time can be granted.

Either the beneficial use affidavit or a request for an extension of time must
be received by this Department on or before the above mentioned date, otherwise
the permit will lapse and be of no further force or effect.

R. Keith Higginson
R. KEITH HIGGINSON
Director

Enc: Proof affidavit
dr

87 7004

JUN 3 1969

STATE OF IDAHO

DEPARTMENT OF RECLAMATION
STATEHOUSE - ANNEX 2

August 7, 1963

Re: Permit No. 87-7004

**City of Potlatch
Potlatch,
Idaho 83855**

Dear Sirs:

We enclose a copy of your approved application for permit 82-27004 in which we direct your attention to the limitations and conditions as given on the fourth page under approval of the State Reclamation Engineer.

Very truly yours,

**C. Stephen Allred, Assistant
State Reclamation Engineer**

CSA:ib

Enclosures: Copy of permit

Receipt No. 3086 for \$20.00

1 informational letter

co. Robert T. Felton
114 East 3rd
Moscow, Idaho 83843

Re: Application for Permit no. 87-7004-City of Potlatch.

May 28, 1969

Daily Idahoan
Moscow, Idaho
Gentlemen:

Gentlemen:

Enclosed you will find a legal notice which we wish to have published once a week for two consecutive weekly issues of your newspaper. We have informed the publication dates allowing ample time for you to submit us a galley proof for review before publication.

After sending us a galley proof, proceed with the publication on the dates we have inserted assuming the notice is correct. If we have any corrections, we will notify you before the first publication date. If you cannot publish the notice on the proposed dates please contact us immediately.

An affidavit of publication must be submitted to the Department of Reclamation, along with the publication bill. In order to receive payment, the following certification must appear on the bill:

I hereby certify that the foregoing account is just and correct, that the amount claimed is legally due, after allowing all just credits, and that no part of same has been paid.

Signature of claimant

Very truly yours,

Donald H. McElDowney
Appropriation Examiner

UHM:tg
Linc: legal notice(1)

Department of Reclamation

**NOTICE OF APPLICATION
FOR WATER**

Notice: Authors are asked to submit their manuscripts to the Editor, Dr. R. E. Hildreth, at the following address: R. E. Hildreth, Editor, *Journal of Applied Ecology*, 1990, 27, 1-10. Manuscripts should be submitted in triplicate, typed on one side of the paper, and must be accompanied by a cover letter from the author(s) stating the title of the paper, the author(s) name(s), and the address to which proofs should be sent. The cover letter should also state the title of the paper, the author(s) name(s), and the address to which proofs should be sent. The cover letter should also state the title of the paper, the author(s) name(s), and the address to which proofs should be sent. The cover letter should also state the title of the paper, the author(s) name(s), and the address to which proofs should be sent.

