

Permit No. ID-002090-7

Application No. ID-002090-7

AUTHORIZATION TO DISCHARGE UNDER THE  
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

In compliance with the provisions of the Federal Water Pollution Control Act, as amended, (33 U.S.C. §1251 et seq.; the "Act"),

Idaho Power Company  
Brownlee Power Plant

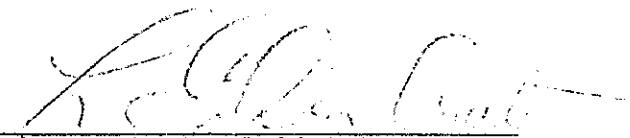
is authorized to discharge from a facility located near Wildhorse, Idaho to receiving waters named the Snake River

in accordance with effluent limitations, monitoring requirements and other conditions set forth in Parts I, II, and III hereof.

This permit shall become effective on June 28, 1974.

This permit and the authorization to discharge shall expire at midnight March 31, 1979.

Signed this 28th day of June 1974.



Acting Regional Administrator

PART I

Permit No. ID-002090-7

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

1. During the period beginning on the effective date and lasting through March 31, 1979, the permittee is authorized to discharge cooling water, turbine sump drainage water, and dam seepage water from five (5) outfalls.

- a. Such discharges shall be limited and monitored by the permittee as specified below:

| <u>EFFLUENT CHARACTERISTIC</u>                  | <u>DISCHARGE LIMITATIONS</u> |                        |                          | <u>MONITORING REQUIREMENTS</u> |                   |
|---|------------------------------|------------------------|--------------------------|--------------------------------|-------------------|
|   | kg/day<br>Daily Avg          | (lbs/day)<br>Daily Max | Other Units<br>Daily Avg | Measurement<br>Frequency       | Sample<br>Type    |
| Outfall Serial Numbers<br>001, 002, 003 and 004 | N/A                          | N/A                    | N/A                      | Monthly                        | Direct<br>measure |
| Flow-m <sup>3</sup> /Day (MGD)                  | N/A                          | N/A                    | 35,000<br>(9.22)         | Monthly                        | Direct<br>measure |
| Temperature                                     | N/A                          | N/A                    | 79°F                     | Monthly                        | Grab              |
| <u>Outfall Serial Number 005</u>                |                              |                        |                          |                                |                   |
| Flow-m <sup>3</sup> /Day (MGD)                  | N/A                          | N/A                    | N/A                      | Monthly                        | Direct<br>measure |
| Temperature                                     | N/A                          | N/A                    | 860<br>(0.227)           | Monthly                        | Direct<br>measure |
|   | N/A                          | N/A                    | 79°F                     | Monthly                        | Grab              |

- b. The pH of the discharge from each outfall shall not be less than 6.0 standard units nor greater than 9.0 standard units.
- c. There shall be no discharge of floating solids or visible foam in other than trace amounts.
- d. There shall be no discharge of oil and grease in measurable amount.
- e. Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location: in the effluent stream prior to discharge.

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

2. During the period beginning on the effective date and lasting through December 31, 1974, the permittee is authorized to discharge treated sanitary sewage from outfall serial number 006.
  - a. Such discharges shall be limited and monitored by the permittee as specified below:

EFFLUENT CHARACTERISTIC

DISCHARGE LIMITATIONS

MONITORING REQUIREMENTS

|                                   | kg/day (lbs/day) |           | Other Units (Specify) |            | Measurement Frequency | Sample Type    |
|-----------------------------------|------------------|-----------|-----------------------|------------|-----------------------|----------------|
|                                   | Daily Avg        | Daily Max | Daily Avg             | Daily Max  |                       |                |
| Flow                              | N/A              | N/A       | 150 gpd               | 600 gpd    | Monthly               | Direct measure |
| Biochemical Oxygen Demand (5-Day) | N/A              | N/A       | 45 mg/l               | 67 mg/l    | Monthly               | Grab           |
| Suspended Solids                  | N/A              | N/A       | 35 mg/l               | 104 mg/l   | Monthly               | Grab           |
| Fecal Coliform Bacteria           | N/A              | N/A       | 200/100 ml            | 400/100 ml | Monthly               | Grab           |

- b. The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units and shall be monitored monthly on a grab sample.
- c. There shall be no discharge of floating solids or visible foam in other than trace amounts.
- d. Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location: in the effluent stream prior to discharge.

## A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

3. During the period beginning January 1, 1975 and lasting through March 31, 1979, the permittee is authorized to discharge treated sanitary sewage from outfall serial number 005.

a. Such discharges shall be limited and monitored by the permittee as specified below:

| EFFLUENT CHARACTERISTIC              | DISCHARGE LIMITATIONS |                        |                          | MONITORING REQUIREMENTS  |                   |
|--------------------------------------|-----------------------|------------------------|--------------------------|--------------------------|-------------------|
|                                      | kg/day<br>Daily Avg   | (lbs/day)<br>Daily Max | Other Units<br>Daily Avg | Measurement<br>Frequency | Sample<br>Type    |
| Flow                                 | N/A                   | N/A                    | N/A                      | Monthly                  | Direct<br>measure |
| Biochemical Oxygen Demand<br>(5-Day) | N/A                   | N/A                    | 30 mg/l                  | Monthly                  | Grab              |
| Suspended Solids                     | N/A                   | N/A                    | 30 mg/l                  | Monthly                  | Grab              |
| Fecal Coliform Bacteria              | N/A                   | N/A                    | 200/100 ml               | Monthly                  | Grab              |

b. The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units and shall be monitored monthly on a grab sample.

c. There shall be no discharge of floating solids or visible foam in other than trace amounts.

d. Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location: in the effluent stream prior to discharge.

B. MONITORING AND REPORTING

1. Representative Sampling

Samples and measurements taken as required herein shall be representative of the volume and nature of the monitored discharge.

2. Reporting

Monitoring results obtained during the previous 3 months shall be summarized and reported on a Discharge Monitoring Report form (EPA No. 3320-1), postmarked no later than the 28th day of the month following the completed reporting period. The first report is due on October 28, 1974. Duplicate signed copies of these, and all other reports required herein, shall be submitted to the Regional Administrator and the State at the following addresses:

United States Environmental Protection Agency  
Region X  
1200 Sixth Avenue  
Seattle, Washington 98101

Attn: Permits Branch M/S 521

Idaho Department of Environmental and  
Community Services  
Environmental Services  
Statehouse  
Boise, Idaho 83720

3. Definitions

- a. The "daily average" discharge means the total discharge by weight during a calendar month divided by the number of days in the month that the production or commercial facility was operating. Where less than daily sampling is required by this permit, the daily average discharge shall be determined by the summation of the measured daily discharges by weight divided by the number of days during the calendar month when the measurements were made.
- b. The "daily maximum" discharge means the total discharge by weight during any calendar day.

- c. For fecal coliform, the daily average is the geometric mean of all effluent samples collected during a calendar month. The daily maximum is the maximum value measured at any one time.
- d. The "daily average" concentration means the arithmetic average (weighted by flow value) of all the daily determinations of concentration made during a calendar month. When grab samples are used, the daily determination of concentration shall be the arithmetic average (weighted by flow value) of all the samples collected during that calendar day.
- e. The "daily maximum" concentration means the daily determination of concentration for any calendar day.
- f. The temperature of the total discharge from outfalls 001, 002, 003, and 004 shall be calculated as the arithmetic mean of the measurements of temperature for each separate discharge weighted according to its flow at the time of sampling. The interval between the first and last temperature measurements used in the calculation of a single value shall be no more than 60 minutes.
- g. The flow specified in the discharge limitations for outfalls 001, 002, 003, and 004 shall be the total flow from outfalls 001, 002, 003, and 004.

4. Test Procedures

Test procedures for the analysis of pollutants shall conform to regulations published pursuant to Section 304(g) of the Act, under which such procedures may be required.

5. Recording of Results

For each measurement or sample taken pursuant to the requirements of this permit, the permittee shall record the following information:

- a. The exact place, date, and time of sampling;
- b. The dates the analyses were performed;
- c. The person(s) who performed the analyses;
- d. The analytical techniques or methods used; and
- e. The results of all required analyses.

6. Additional Monitoring by Permittee

If the permittee monitors any pollutant at the location(s) designated herein more frequently than required by this permit, using approved analytical methods as specified above, the results of such monitoring shall be included in the calculation and reporting of the values required in the Discharge Monitoring Report form (EPA No. 3320-1). Such increased frequency shall also be indicated.

7. Records Retention

All records and information resulting from the monitoring activities required by this permit including all records of analyses performed and calibration and maintenance of instrumentation and recordings from continuous monitoring instrumentation shall be retained for a minimum of three (3) years, or longer if requested by the Regional Administrator or the State water pollution control agency.

## PART II

Permit No. 1D-002090-7

## A. MANAGEMENT REQUIREMENTS

1. Change in Discharge

All discharges authorized herein shall be consistent with the terms and conditions of this permit. The discharge of any pollutant identified in this permit more frequently than or at a level in excess of that authorized shall constitute a violation of the permit. Any anticipated facility expansions, production increases, or process modifications which will result in new, different, or increased discharges of pollutants must be reported by submission of a new NPDES application or, if such changes will not violate the effluent limitations specified in this permit, by notice to the permit issuing authority of such changes. Following such notice, the permit may be modified to specify and limit any pollutants not previously limited.

2. Noncompliance Notification

If, for any reason, the permittee does not comply with or will be unable to comply with any daily maximum effluent limitation specified in this permit, the permittee shall provide the Regional Administrator and the State with the following information, in writing, within five (5) days of becoming aware of such condition:

- a. A description of the discharge and cause of noncompliance; and
- b. The period of noncompliance, including exact dates and times; or if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate and prevent recurrence of the noncomplying discharge.

3. Facilities Operation

The permittee shall at all times maintain in good working order and operate as efficiently as possible all treatment or control facilities or systems installed or used by the permittee to achieve compliance with the terms and conditions of this permit.



4. Adverse Impact

The permittee shall take all reasonable steps to minimize any adverse impact to navigable waters resulting from noncompliance with any effluent limitations specified in this permit, including such accelerated or additional monitoring as necessary to determine the nature and impact of the noncomplying discharge.

5. Bypassing

Any diversion from or bypass of facilities necessary to maintain compliance with the terms and conditions of this permit is prohibited, except (i) where unavoidable to prevent loss of life or severe property damage, or (ii) where excessive storm drainage or runoff would damage any facilities necessary for compliance with the effluent limitations and prohibitions of this permit. The permittee shall promptly notify the Regional Administrator and the State in writing of each such diversion or bypass.

6. Removed Substances

Solids, sludges, filter backwash, or other pollutants removed in the course of treatment or control of wastewaters shall be disposed of in a manner such as to prevent any pollutant from such materials from entering navigable waters, except as limited in Part I-A.

7. Power Failures

In order to maintain compliance with the effluent limitations and prohibitions of this permit, the permittee shall either:

- a. In accordance with the Schedule of Compliance contained in Part I, provide an alternative power source sufficient to operate the wastewater control facilities;

or, if such alternative power source is not in existence, and no date for its implementation appears in Part I,

- b. Halt, reduce or otherwise control production and/or all discharges upon the reduction, loss, or failure of the primary sources of power to the wastewater control facilities.

B. RESPONSIBILITIES

1. Right of Entry

The permittee shall allow the head of the State water pollution control agency, the Regional Administrator, and/or their authorized representatives, upon the presentation of credentials:

- a. To enter upon the permittee's premises where an effluent source is located or in which any records are required to be kept under the terms and conditions of this permit; and
- b. At reasonable times to have access to and copy any records required to be kept under the terms and conditions of this permit; to inspect any monitoring equipment or monitoring method required in this permit; and to sample any discharge of pollutants.

2. Transfer of Ownership or Control

In the event of any change in control or ownership of facilities from which the authorized discharges emanate, the permittee shall notify the succeeding owner or controller of the existence of this permit by letter, a copy of which shall be forwarded to the Regional Administrator and the State water pollution control agency.

3. Availability of Reports

Except for data determined to be confidential under Section 308 of the Act, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the State water pollution control agency and the Regional Administrator. As required by the Act, effluent data shall not be considered confidential. Knowingly making a false statement on any such report may result in the imposition of criminal penalties as provided for in Section 309 of the Act.

4. Permit Modification

After notice and opportunity for a hearing, this permit may be modified, suspended, or revoked in whole or in part during its term for cause including, but not limited to, the following:

- a. Violation of any terms or conditions of this permit;
- b. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or
- c. A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge.

5. Toxic Pollutants

Notwithstanding Part II, B-4 above, if a toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is established under Section 307(a) of the Act for a toxic pollutant which is present in the discharge and such standard or prohibition is more stringent than any limitation for such pollutant in this permit, this permit shall be revised or modified in accordance with the toxic effluent standard or prohibition and the permittee so notified.

6. Civil and Criminal Liability

Except as provided in permit conditions on "Bypassing" (Part II, A-5) and "Power Failures" (Part II, A-7), nothing in this permit shall be construed to relieve the permittee from civil or criminal penalties for noncompliance.

7. Oil and Hazardous Substance Liability

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties to which the permittee is or may be subject under section 311 of the Act.

8. State Laws

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable State law or regulation under authority preserved by section 510 of the Act.

9. Property Rights

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

10. Severability

The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

PART III

OTHER REQUIREMENTS.

A. Analytical Quality Control

The permittee shall submit to the Regional Administrator a summary of the analytical quality control program it proposes to use within 30 days of the effective date of this permit. Such summary shall:

1. Specify the appropriate analytical methods and quality control techniques the permittee proposes to use. The latter are to be taken from EPA publication "Handbook for Analytical Quality Control in Water and Waste Water Laboratories", June 1972;
2. Describe the sample station locations, method and frequency of collection along with the flow measuring techniques and their level of accuracy;
3. Outline the procedures to be employed in preparing analytical results for reporting purposes and subsequent storage.