IPDES Documents

• IPDES Compliance Monitoring Strategy
  – Final posted to IPDES Guidance webpage

• IPDES Program Description
  – Open for 30-day comment period
1. Introduction
2. CWA, NPDES, and IPDES Program
3. Permit Descriptions By Type and Sector
4. Individual Permit Application Process
5. Individual Permit Development Process
6. General Permit Development Process
7. Permit Modification, Revocation, Reissuance, Termination and Transfer
8. Variances, Waivers, and Intake Credits
9. Compliance Monitoring Activities
10. Enforcement
11. Appeals, Stays, and Contested Conditions

Glossary

Appendix A – 2016 NPDES Permits in Idaho
Appendix B – IPDES Permit Rating Work Sheet
Appendix C – Outline of IPDES IP Permit Development and Issuance
Appendix D – Outline of IPDES GP Permit Development and Issuance
• Committee discussion
  – Changes based on June committee meeting
  – Written comments received
    ➢ AIC
    ➢ EPA
Public Comments

• IPDES User’s Guide – Volume 1
  – Comments due by COB, July 26

• IPDES Program Description
  – Comments due by COB, August 11

IPDESGuidance@deq.idaho.gov
August 23rd Meeting

- Final User’s Guide Volume 1
- IPDES Application Package
- IPDES Guidance – next steps
<table>
<thead>
<tr>
<th>Application Component</th>
<th>Status</th>
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</thead>
<tbody>
<tr>
<td>Governor’s Letter</td>
<td>Drafting</td>
</tr>
<tr>
<td>Rules/Statutes</td>
<td>Completed</td>
</tr>
<tr>
<td>AG’s Letter</td>
<td>Drafted, in review</td>
</tr>
<tr>
<td>MOA</td>
<td>Drafted, posted, in review</td>
</tr>
<tr>
<td>Program Description</td>
<td>Drafted, posted, in review</td>
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</tbody>
</table>
Federal Requirement

- **40 CFR 123.22**
  - Narrative description of scope, structure, coverage, and processes
  - Description of the organization and structure of the state agency
  - Description of applicable procedures including permitting and administrative or judicial review
  - Complete description of the state’s compliance tracking and enforcement program
  - Compliance with eReporting rule
• 40 CFR 123.22
  – Narrative description of scope, structure, coverage, and processes (Section 2)
  – Description of the organization and structure of the state agency
  – Description of applicable procedures including permitting and administrative or judicial review
  – Complete description of the state’s compliance tracking and enforcement program
  – Compliance with eReporting rule
Federal Requirement

• 40 CFR 123.22
  – Narrative description of scope, structure, coverage, and processes (Section 2)
    • Individual and general permits
    • Storm water
    • Sewage sludge
    • Pretreatment
Federal Requirement

• 40 CFR 123.22
  – Narrative description of scope, structure, coverage, and processes (Section 2)
  – Description of the organization and structure of the state agency (Sections 3 – 5)
  – Description of applicable procedures including permitting and administrative or judicial review
  – Complete description of the state’s compliance tracking and enforcement program
  – Compliance with eReporting rule
## Organization and Structure

<table>
<thead>
<tr>
<th>Activity</th>
<th>Hours</th>
<th>Number of FTEs</th>
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<tbody>
<tr>
<td>Permitting</td>
<td>12,728</td>
<td>7.1</td>
</tr>
<tr>
<td>CIE</td>
<td>26,023</td>
<td>14.6</td>
</tr>
<tr>
<td>Administration</td>
<td>11,596</td>
<td>6.5</td>
</tr>
<tr>
<td>Legal&lt;sup&gt;a&lt;/sup&gt;</td>
<td>1746</td>
<td>1.0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>52,093</td>
<td>29.2</td>
</tr>
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## Budget and Funding

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
<th>2022</th>
<th>2023</th>
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</thead>
<tbody>
<tr>
<td>Personnel</td>
<td>2,540,300</td>
<td>2,839,400</td>
<td>2,839,400</td>
<td>2,839,400</td>
<td>2,839,400</td>
</tr>
<tr>
<td>Travel</td>
<td>37,000</td>
<td>37,000</td>
<td>28,000</td>
<td>28,000</td>
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<tr>
<td>Contractual</td>
<td>140,100</td>
<td>140,100</td>
<td>140,100</td>
<td>140,100</td>
<td>140,100</td>
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<tr>
<td>Supplies</td>
<td>23,300</td>
<td>22,100</td>
<td>14,000</td>
<td>14,000</td>
<td>14,000</td>
</tr>
<tr>
<td>Equipment</td>
<td>13,000</td>
<td>13,000</td>
<td>13,000</td>
<td>13,000</td>
<td>13,000</td>
</tr>
<tr>
<td>Total cost</td>
<td>2,753,700</td>
<td>3,051,600</td>
<td>3,034,500</td>
<td>3,034,500</td>
<td>3,034,500</td>
</tr>
<tr>
<td>Fiscal Year (Phase)</td>
<td>Fees collected</td>
<td>Est. Invoices</td>
<td>Gen Fund ongoing</td>
<td>Gen Fund (1-Time)</td>
<td>Federal ($)</td>
</tr>
<tr>
<td>--------------------</td>
<td>----------------</td>
<td>--------------</td>
<td>------------------</td>
<td>-------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>2019(1)</td>
<td>None</td>
<td>0</td>
<td>2,000,000</td>
<td>585,700</td>
<td>168,000</td>
</tr>
<tr>
<td>2020(2)</td>
<td>Muni</td>
<td>653,043</td>
<td>2,000,000</td>
<td>198,800</td>
<td>168,000</td>
</tr>
<tr>
<td>2021(3)</td>
<td>Muni and Industrial</td>
<td>901,034</td>
<td>2,000,000</td>
<td>0</td>
<td>168,000</td>
</tr>
<tr>
<td>2022(4)</td>
<td>Muni and industrial</td>
<td>901,034</td>
<td>2,000,000</td>
<td>0</td>
<td>168,000</td>
</tr>
<tr>
<td>2023(5)a</td>
<td>All phases</td>
<td>1,368,224</td>
<td>2,000,000</td>
<td>0</td>
<td>168,000</td>
</tr>
</tbody>
</table>
## Budget and Funding

<table>
<thead>
<tr>
<th>Sector</th>
<th># Covered</th>
<th>Receipts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Municipal</td>
<td>375,312 EDUs</td>
<td>$653,043</td>
</tr>
<tr>
<td>Industrial</td>
<td>44 Facilities</td>
<td>$247,991</td>
</tr>
<tr>
<td>Industrial Storm Water</td>
<td>277 NOI</td>
<td>$289,322</td>
</tr>
<tr>
<td></td>
<td>115 No Exp.</td>
<td></td>
</tr>
<tr>
<td>Construction Storm Water</td>
<td>573 NOI</td>
<td>$177,868</td>
</tr>
<tr>
<td></td>
<td>80 Waiver</td>
<td></td>
</tr>
<tr>
<td>Total receipts</td>
<td></td>
<td>$1,368,224</td>
</tr>
</tbody>
</table>

Federal Requirement

- **40 CFR 123.22**
  - Narrative description of scope, structure, coverage, and processes (Section 2)
  - Description of the organization and structure of the state agency (Program Analysis Appendix C)
    - Provides detailed analysis of resource needs
    - Describes inputs to resource model
    - Describes State agency staff working in the program, including the number, occupations, and general duties of the employees
Federal Requirement

• **40 CFR 123.22**
  - Narrative description of scope, structure, coverage, and processes (Section 2)
  - Description of the organization and structure of the state agency (Sect 3 – 5 Program Analysis Appendix C)
  - Description of applicable procedures including permitting and administrative or judicial review (Sections 6 – 10)
  - Complete description of the state’s compliance tracking and enforcement program
  - Compliance with eReporting rule
Permitting

- Appeals
- Public participation
- Application review
- Procedures for all permits
- Procedures for individual permits
- Procedures for general permits
- Application Form

Please review all questions carefully before preparing your application.
Pretreatment regulations

- Applications
- Control authority
- Local limits
- Variances
- Removal credits
- Categorical determinations
- Public participation
- Reporting
Sewage Sludge

- Disposal in landfills
- Permitting for sewage sludge facilities
- Land application of septage and sludge
- Reporting
Storm Water

- Construction
  - NOI
  - Waivers and NOTs
  - Compliance
- Industrial
  - NOI
  - Waivers and NOT
  - Compliance
- Municipal
- Public Outreach
CAFO

- Rules
- Coverage
- Compliance
- Reporting
- MOU
Federal Requirement

- **40 CFR 123.22**
  - Narrative description of scope, structure, coverage, and processes (Section 2)
  - Description of the organization and structure of the state agency (Section 3 – 5 Program Analysis Appendix C)
  - Description of applicable procedures including permitting and administrative or judicial review (Sections 6 – 10)
  - **Complete description of the state’s compliance tracking and enforcement program (section 11 - 12, Appendix G & H)**
  - Compliance with eReporting rule
Compliance Evaluation

• Monitoring
  – Procedures
  – Inspections
• Assistance
• Incentives
Enforcement

- Response
- Administrative actions
- Civil and criminal actions
- Penalties
- Reporting
- Public participation
Federal Requirement

• **40 CFR 123.22**
  
  – Narrative description of scope, structure, coverage, and processes
  
  – Description of the organization and structure of the state agency
  
  – Description of applicable procedures including permitting and administrative or judicial review
  
  – Complete description of the state’s compliance tracking and enforcement program (section 11 - 12, Appendix G & H)
  
  – Compliance with eReporting rule (Section 13)
Data Management

- Data management system (CRIPS)
- Web-based system
- Data exchange
- Quality assurance
Welcome to the IPDES electronic permitting system. This system allows users to submit permit applications and reports. In addition, it is expected that by 2022 users will be able to query, view, and download a wide range of IPDES information including discharge locations (outfalls), discharge monitoring reports (DMRs), and other permit, inspection, violation, and enforcement related documents.

We recommend that new applicants and existing permittees contact IPDES permit staff prior to completing an electronic application, especially if the facility or activity is a new proposed discharger. DEQ has multiple options for permitting the discharge or reuse treated wastewater. Contact the appropriate DEQ Regional Office to schedule a meeting.

**Reporting:** The Reporting option allows users to electronically submit annual reports, noncompliance reports, and other documentation that may be required for a specific permit. Submitting a notice of termination for an existing permit is also possible through the Reporting option.

**Permits:** The Permits option allows users to submit individual permit applications and Notices of Intents for general permits. Low Erosivity Waivers and Certificate of No Exposure applications are also available in the Permits section.

**Facilities:** The Facilities option allows facility signatories and designated representatives to update facility information.
What the Future will look like

Collection System and Flow

Provide information on municipalities and areas served by the facility. Provide the name and population of each entity and, if known, provide information on the type of collection system (combined vs. separate) and its ownership (municipal, private, etc.).

<table>
<thead>
<tr>
<th>Name of the Municipality or Service Area</th>
<th>Population Served</th>
<th>Equivalent Dwelling Units(EDU)</th>
<th>Type of Collection System</th>
<th>Ownership</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Flow

Indicate the design flow rate of the treatment plant. Also provide the average daily flow rate and maximum daily flow for each of the last three years. Each year's data must be based on a 12-month time period with the 12th month of "this year" occurring no more than three months prior to the application submittal.

Design flow rate: [mgd]

Is this a new facility?

- [ ] Yes  - [ ] No

<table>
<thead>
<tr>
<th>Flow Rate</th>
<th>2 Years Ago</th>
<th>Last Year</th>
<th>This Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Annual Average daily flow rate</td>
<td>[mgd]</td>
<td>[mgd]</td>
<td>[mgd]</td>
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<tr>
<td>Maximum daily flow rate</td>
<td>[mgd]</td>
<td>[mgd]</td>
<td>[mgd]</td>
</tr>
</tbody>
</table>
# What the Future will look like

## EPA Region 10 - ID

### View COR Details

<table>
<thead>
<tr>
<th>Permit</th>
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<tbody>
<tr>
<td>Permit ID:</td>
<td>ID0020443</td>
<td></td>
</tr>
<tr>
<td>Permittee:</td>
<td>BOISE, CITY OF</td>
<td></td>
</tr>
<tr>
<td>Facility:</td>
<td>BOISE, CITY OF</td>
<td></td>
</tr>
<tr>
<td>Permitted Feature:</td>
<td>001 - External Outfall</td>
<td></td>
</tr>
<tr>
<td>Major:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Permittee Address:</td>
<td>150 NORTH CAPITOL BLVD BOISE, ID83701</td>
<td></td>
</tr>
<tr>
<td>Facility Location:</td>
<td>790 LANDER STREET BOISE, ID83703</td>
<td></td>
</tr>
<tr>
<td>Discharge:</td>
<td>001-A - DISCHARGE TO BOISE RIVER</td>
<td></td>
</tr>
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</table>

### Monitoring Period
- From 02/01/14 to 02/28/14
- DMR Due Date: 03/20/14

### Status
- NetDMR Validated

### Considerations for Form Completion
- O = The limits may not apply, depending on the Boise Airport Temperature; see permit for details. P = Report cumulative average over the period May 1-September 30; the limit applies only to the average over entire time period.

### Principal Executive Officer
- First Name: Marci
- Last Name: Schmelzer
- Title: Operations Manager
- Telephone: 208-608-7245

### No Data Indicator (NODI)
- Form NODI: -

### Parameter Table

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>NODI</th>
<th>Quantity or Loading</th>
<th>Quality or Concentration</th>
<th># of Ex.</th>
<th>Freq. of Analysis</th>
<th>Snpl. Type</th>
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</thead>
<tbody>
<tr>
<td>00010</td>
<td>Temperature, water deg. centigrade</td>
<td>Snpl.</td>
<td></td>
<td>Value 1</td>
<td>Value 2</td>
<td>Units</td>
<td>Value 1</td>
</tr>
<tr>
<td>0 - Upstream Monitoring</td>
<td></td>
<td></td>
<td></td>
<td>= -8</td>
<td>04 - deg C</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Season:</td>
<td>D</td>
<td>Req.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NODI:</td>
<td>-</td>
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<td></td>
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Application Approval Process

- Completeness Review
- Public Comment
- Consultation
- MOA finalization