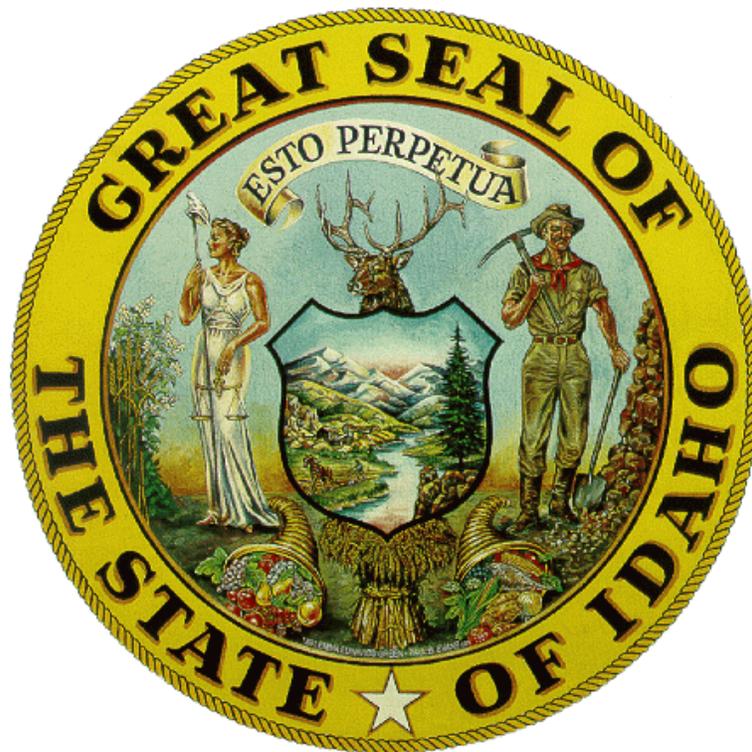


DIVISION OF BUILDING SAFETY

IDAHO PLUMBING BOARD  
VIDEOCONFERENCE MEETING

FEBRUARY 20, 2014



# IDAHO PLUMBING BOARD

## Agenda Item No. 01

## Agenda

**PRESENTER:** Milford Terrell, Chairman

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**OBJECTIVE:** Approve agenda for the February 20, 2014 Idaho Plumbing Board meeting.

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**ACTION:** Consent

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**BACKGROUND:**

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**PROCEDURAL  
HISTORY:**

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**ATTACHMENTS:** Tentative agenda

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## **TENTATIVE AGENDA**

### **NOTICE OF PUBLIC MEETING/HEARING**

#### **IDAHO PLUMBING BOARD VIDEOCONFERENCE MEETING**

**Division of Building Safety  
1090 East Watertower Street, Suite 150, Meridian, Idaho  
1250 Ironwood Drive, Suite 220, Coeur d'Alene, Idaho  
2055 Garrett Way, Building 1, Suite 4, Pocatello, Idaho  
dbs.idaho.gov – (208) 332-7137**

***Thursday, February 20, 2014  
9:30 a.m. – 3:30 p.m. (MT)***

*(Note: North Idaho - Meeting Commences @ 8:30 a.m. PT)*

- 
- 9:30 a.m. CALL TO ORDER** – Milford Terrell, Chairman
- Roll Call & Introductions
  - Open Forum
    - City and County Concerns

#### **CONSENT AGENDA**

1. Approval of the February 20, 2014 Agenda
2. Approval of the October 24, 2013 Board Meeting Minutes

#### **ACTION AGENDA**

3. Adding PP and PE-RT AND Polyethylene for Building Sewer Pipe and Fittings – John Nielsen (FIRST READING)
4. American Water Works Association (AWWA) Manual – John Nielsen (SECOND READING)
5. Expired License and Retest – John Nielsen (FIRST READING)

#### **INFORMATIONAL AGENDA**

6. Reciprocity with Montana and Continuing Education – Scott Lemert, Montana State Plumbing Board Member
7. License Requirements – John Nielsen

8. Specialty Appliance Plumbing License Update/Water Heater Installations – John Nielsen

**12:00 p.m. LUNCH BREAK (If needed)**

9. Permit Screen – Ron Whitney
10. Plumbing Program Manager Report – John Nielsen
11. Operational Report – Steve Keys
12. Administrator Report
  - a. Financial Report – C. Kelly Pearce and Kathleen Watkins
  - b. Administrator – C. Kelly Pearce

**3:30 p.m. ADJOURN**

*All times, other than beginning, are approximate and are scheduled according to Mountain Time (MT), unless otherwise noted. Agenda items may shift depending on Board preference. 02/03/14r*

# IDAHO PLUMBING BOARD

**Agenda Item No. 02**

**Minutes**

**PRESENTER:** Milford Terrell, Chairman

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**OBJECTIVE:** Approve minutes from the October 24, 2013 Idaho Plumbing Board meeting.

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**ACTION:** Consent

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**BACKGROUND:**

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**PROCEDURAL  
HISTORY:**

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**ATTACHMENTS:** Draft minutes

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**IDAHO PLUMBING BOARD  
VIDEOCONFERENCE MEETING**

**Thursday – October 24, 2013 – 9:30 a.m. (MT)**

**Division of Building Safety  
1090 East Watertower Street, Suite 150, Meridian, Idaho  
1250 Ironwood Drive, Suite 220, Coeur d'Alene, Idaho  
2055 Garrett Way, Building 1, Suite 4, Pocatello, Idaho**

**\*DRAFT MINUTES OF THE OCTOBER 24, 2013 MEETING**

*NOTE: The following report is not a verbatim transcript of the discussions at the meeting,  
but is intended to record the significant features of those discussions.*

Chairman Milford Terrell called the meeting to order at 9:35 a.m. (MT).

**Board Members Present:**

Milford Terrell, Chairman  
Dan Long, Vice-Chairman  
Gilbert Pond  
Matt Gardner  
Debbie Oberhofer

**DBS Staff Members Present:**

C. Kelly Pearce, Administrator  
Steve Keys, Deputy Administrator, Operations  
Ron Whitney, Deputy Administrator, Administration  
Patrick Grace, Deputy Attorney General  
Kathleen Watkins, Financial Manager  
John Nielsen, Plumbing Program Manager  
Rod Freligh, Regional Manager, Region 1  
Chris Jensen, Regional Manager, Region 3  
Terry Blessing, Regional Supervisor, Region 1  
Adam Bowcutt, Regional Supervisor, Region 3  
Bill Hatch, Public Information Officer  
Renee Bryant, Administrative Assistant 2/Board Secretary

◆ **Open Forum**

Continuing Education Units (CEU) – City of Twin Falls Plumbing Inspector Stephen Harr asked DBS to conduct a meeting on CEU requirements to industry and officials in the Magic Valley.

**ACTION:** The plumbing program manager and Stephen Harr, City of Twin Falls Plumbing Inspector, will organize a meeting in Twin Falls to discuss continuing education requirements with industry and officials.

Chairman Terrell introduced Representatives Gayle Batt, Terry Gestrin, and Paul Shepherd at the meeting.

Brian Nelson, Nelson Plumbing, expressed opposition to the CEU requirements. Unsure of the actual number of licensed plumbing contractors and journeymen in Idaho, the chairman offered for the Division to provide Mr. Nelson with the statistics.

**ACTION:** DBS will provide Brian Nelson with the number of licensed plumbing contractors and journeymen in the state of Idaho.

High School Technical Training Program – The International Code Council has implemented a new program for high school students participating in technical training. The program will introduce students to the model building codes, as well as code interpretation, application, and administration. A brochure was provided to the Board.

◆ **City and County Concerns**

City and county officials addressed their concerns under *Open Forum*.

◆ **Approval of October 24, 2013 Agenda and July 25, 2013 Minutes**

MOTION: Gilbert Pond made a motion to approve the agenda and minutes as presented. Dan Long seconded. All in favor, motion carried.

◆ **Schedule 2014 Meetings**

The 2014 Idaho Plumbing Board meeting dates are as follows: February 20th, May 22nd, July 23rd, and October 9th.

MOTION: Dan Long made a motion to approve the 2014 Idaho Plumbing Board meeting dates as presented. Matt Gardner seconded. All in favor, motion carried.

◆ **High School Industry-Related Programs**

Representatives of the Idaho Department of Labor (IDOL) briefly addressed the many business services offered by IDOL to the citizens of Idaho.

Suggestions to better connect with the industry were: 1) Post a banner on the Division's website to contact IDOL for employment opportunities; 2) DBS create a list of available apprentices and post to its website; and/or 3) IDOL tie into or provide the necessary information to post listings of all trades on the Division's website.

◆ **CEU Requirements**

CEU requirements for plumbing journeymen and contractors, IDAPA 07.02.05.016(c)(i) and (ii), were read into the record.

A modified handout by the committee specifying the guidelines for CEU was distributed to the Board.

A lengthy discussion ensued with the following concerns addressed: 1) what qualifies as industry-related courses, i.e., business practices, first aid, OSHA, EPA; 2) Testing, on-line or written, as a CEU option; 3) Demographics of classes or exams; i.e., supply houses, colleges; 4) Reciprocal CEUs; 5) Board meeting attendance and accredited hours; and 6) Timeline for licensees whose licenses expire in January 2014 to obtain the required CEU hours.

The Board was in agreement with the proposed changes presented in the CEU Requirement handout with one exception; remove "Plumbing board members" from *Course Approval Requirements* as it is a conflict of interest since board members receive monetary compensation for Board meetings.

ACTION: The Division will remove the verbiage "Plumbing board members" from the fourth paragraph on page one under *Course Approval Requirements* of the CEU requirements handout.

Representative Gestrin, board members, and DBS staff provided the following suggestions with regard to CEU notification to Idaho plumbing contractors and journeymen: 1) Mass mailing (letter style); 2) Statement on contractor/journeyman renewal notices; 3) Educate state inspectors; and 4) Provide supporting documentation to DBS inspectors for distribution to industry.

**ACTION:** DBS will provide a mass mailing on CEU criteria, letter style, to all Idaho licensed plumbing contractors and plumbing journeymen.

**ACTION:** The plumbing program manager will work with the Division's customer resource team to post a statement regarding CEU requirements on all plumbing contractor and journeyman renewal notices.

**ACTION:** The Division will educate, as well as provide literature to their inspectors on the specifications of the CEU rule for distribution to the plumbing industry.

◆ **Adding PP & PE-RT AND Polyethylene for Building Sewer Pipe & Fittings**

Currently, Polypropylene (PP) and Polyethylene of Raised Temperature (PE-RT) are not approved for use in tables 6-4 and 7-1 of the 2009 Idaho State Plumbing Code (ISPC). They are approved in the latest appendix to the ISPC and the 2012 Uniform Plumbing Code (UPC).

A proposed rule change to IDAPA 07.02.06 was presented to the Board for approval of the products.

The chairman stated the first public hearing will be the February 20, 2014 Board meeting; however, the negotiated rulemaking process will not begin until sine die of the 2014 legislature.

**ACTION:** The topic *Adding PP & PE-RT AND Polyethylene for Building Sewer Pipe & Fittings* will be placed on the February 20, 2014 Board meeting agenda as an action item. This is a public hearing and first reading.

◆ **American Water Works Association (AWWA) Manual**

The December 1995, 6<sup>th</sup> edition of the *Cross Connection Control Manual*, standard for cross connection control and backflow prevention devices, is no longer available. A proposed rule change to update IDAPA 07.02.04.012.01 to the current edition (April, 2012, 7<sup>th</sup> edition) was presented to the Board.

As requested, whenever a temporary and/or proposed statute or rule change is presented to the Board the Division will identify it as a first or second reading.

**ACTION:** The Division will specify all future temporary and/or proposed statute and rule changes as a first or second reading.

Today's meeting was the first reading. The program manager will present a temporary rule at the February 2014 Board meeting.

**ACTION:** The plumbing program manager will present a temporary rule at the February 2014 meeting; updating IDAPA 07.02.04.012.01 to the current edition of the *Cross Connection Control Manual*.

**ACTION:** The topic *American Water Works Association (AWWA) Manual* will be placed on the February 2014 Board meeting agenda as an action item and second reading.

◆ **Expired License and Retest**

The following proposed changes to Idaho Code § 54-2617 were presented to the Board: 1) Allow a plumbing contractor to place his certificate of competency in an inactive status with the Division; and 2) Extend the length of time to renew a certificate to two years of the expiration date.

The process to review temporary and/or proposed statute and rule changes was explained. To proceed to a second reading, the Board must vote to approve the first reading. The topic *Expired License and Retest* will be addressed at the February 2014 meeting as a first reading.

**ACTION:** The topic *Expired License and Retest* will be placed on the February 20, 2014 Board meeting agenda as an action item and first reading.

◆ **Permit Screen**

In the interest of time, Chairman Terrell deferred the topic *Permit Screen* to the February 20, 2014 Board meeting.

**ACTION:** The topic *Permit Screen* will be placed on the February 2014 agenda as an informational item.

◆ **Plumbing Program Manager Report**

**IAPMO Conference** – The International Association of Plumbing and Mechanical Officials (IAPMO) 84th Annual Education and Business Conference was held September 29 – October 3, 2013 in Kansas City, Missouri. Topics were: 1) Introduction to radiant systems, 2) Alternative systems in 2012 UPC Appendix C (Appendix L in ISPC), 3) Net-zero water use; 4) Smoke, fire, and ceiling dampers; and 5) UPC/UMC workshops.

**Continuing Education** – In 2014, IAPMO will offer two seminars; *2009 UPC Essentials Workshop* and *2009 UPC Special Topics*. A flyer will be distributed to Idaho plumbing contractors and journeymen with the following information: 1) Courses will be held February 21-22, Boise; March 13-14, Coeur d’Alene; and March 28-29, Pocatello; 2) Each course is 8 hours and CEU certified; and 3) Fee per day is \$100/IAPMO members and \$150/Non-members.

**Reciprocal License** – Idaho has reciprocity agreements with Oregon, Washington, and Montana on the journeyman license. The plumbing program manager spoke with Utah representatives. The Utah Plumbing Board will take this matter under consideration.

**License Requirements** – In Idaho, a plumbing contractor license represents a plumbing company and a plumbing journeyman license performs plumbing services.

Some states do not have apprenticeship programs or require a journeyman license; only a plumbing contractor license to manage both the plumbing business and physical labor.

The concern brought forth was unless an inspector catches and cards a contractor on the job; how does DBS stop a contractor from physically working in the trade without an active journeyman license.

The chairman asked the topic *License Requirements* to be brought back to the February 2014 meeting for consideration.

**ACTION:** The topic *License Requirements* will be placed on the February 2014 agenda as an informational item.

◆ **Operational Report**

Legislative Update – There is no new legislation, only administrative rule dockets for submission to the 2014 legislature. The proposed rules consist primarily of the adoption of the building, electrical, and mechanical codes.

Revenue/Expenses – Financially, the plumbing program has stabilized. Revenue for the HVAC and electrical programs has been enhanced due to the contract with the city of Meridian.

◆ **Administrator Report**

Financial Report – The Idaho Plumbing Board Fund, FY 2013 financial statement as of June 30, 2013, and FY 2014 financial statement as of September 30, 2013 were reviewed.

Proposed Budget – A new proposed budget, with a slight increase of over 2% from last year, has been submitted to the governor’s office.

Revenue – DBS closed FY 2013 with a 22% increase over the previous year.

◆ **New/Old Business**

There was no new or old business to discuss.

◆ **Adjournment**

Chairman Terrell adjourned the meeting at 3:07 p.m. (MT).

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MILFORD TERRELL, CHAIRMAN  
IDAHO PLUMBING BOARD

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C. KELLY PEARCE, ADMINISTRATOR  
DIVISION OF BUILDING SAFETY

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DATE

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DATE

\*These DRAFT minutes are subject to possible correction and final approval by the Idaho Plumbing Board. 01/09/13rb

# IDAHO PLUMBING BOARD

## Agenda Item No. 03 Adding PP and PE-RT AND Polyethylene for Building Sewer Pipe and Fittings (FIRST READING)

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**PRESENTER:** John Nielsen, Plumbing Program Manager

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**OBJECTIVE:** To approve Polypropylene (PP) and Polyethylene of Raised Temperature (PE-RT) for use in building supply and water distribution piping and Polyethylene (PE) for building sewer piping.

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**ACTION:** Informational

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**BACKGROUND:** Polypropylene (PP) and Polyethylene of Raised Temperature (PE-RT) are listed for use in the 2012 Uniform Plumbing Code (UPC), table 604.1, for building supply pipe and fittings and water distribution pipe and fittings.

Polyethylene (PE) is approved to be used for building drains in table 701.1 of the 2012 UPC.

These changes would update the tables (6-4 and 7-1) in the Idaho State Plumbing Code; giving contractors and engineers more options when designing and installing water and drainage systems.

The chairman stated the first public hearing will be the February 20, 2014 Board meeting; however, the negotiated rulemaking process will not begin until sine die of the 2014 legislature.

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### **PROCEDURAL HISTORY:**

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**ATTACHMENTS:** Proposed rule – IDAPA 07.02.06

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**10. Section 603.4.16.5 Residential Sprinkler System.** Add the following to the end of section 603.4.16.5: and the requirements of the Authority Having Jurisdiction (AHJ). (3-25-13)

~~11. Section 604.1. Materials. Crosslinked Polyethylene (PEX) Tubing manufactured to ASTM F876/F877 and tested, approved, and listed to ANSI/NSF 14 and 61, for potable water along with all applicable installation standards may be used for hot and cold water distribution systems within a building or cold water distribution systems outside of a building. Listed PE (polyethylene) water service and yard piping may be installed within a building (above ground and below ground) with one (1) joint, provided that only listed and approved metallic transition fittings shall be used. (4-6-05)~~

11. Table 6-4. Add to table: PE-RT (Polyethylene of Raised Temperature) for Building Supply Pipe and Fittings / Water Distribution Pipe and Fittings. Referenced Standard(s) Pipe; ASTM F 2769. Referenced Standard(s) Fittings; ASTM F 1807, 2098, 2159, 2735, 2769.

PP (Polypropylene) for Building Supply Pipe and Fittings / Water Distribution Pipe and Fittings. Referenced Standard(s) Pipe; ASTM F 2389, CSA B137.11. Referenced Standard(s) Fittings; ASTM F 2389, CSA B137.11. (X-XX-XX)

12. Section 606. Joints and Connections. Add: Polyethylene of Raised Temperature (PE-RT) tubing shall be marked with the appropriate standard designations(s) listed in Table 6-4 for which the tubing has been approved. PE-RT tubing shall be installed in accordance with the manufacturer's installation instructions. Fittings, metal insert fittings, metal compression fittings and plastic fittings shall be manufactured to and marked in accordance with the standards for fittings in Table 6-4.

Polypropylene pipe and fittings shall be installed in accordance with the manufacturer's installation instructions and shall comply with the following: PP pipe shall not be threaded. PP transition fittings for connection to other piping materials shall only be threaded by use of brass or stainless steel inserts molded in the fittings.

Listed PE (polyethylene) water service and yard piping may be installed within a building (above ground and below ground) with one (1) joint, provided that only listed and approved metallic transition fittings shall be used. Polyethylene (PE) plastic pipe or tubing and fitting joining methods shall be installed in accordance with the manufacturer's installation instructions. Mechanical joints between PE pipe or tubing and fittings shall include inserts and mechanical compression fittings that provide a pressure seal resistance to pullout. Joints for insert fittings shall be made by cutting the pipe square, using a cutter designed for plastic piping, and removal of sharp edges. Two stainless steel clamps shall be placed over the end of the pipe. Fittings shall be checked for proper size based on the diameter of the pipe. The end of pipe shall be placed over the barbed insert fitting, making contact with the fitting shoulder. Clamps shall be positioned equal to 180 degrees (3.14 rad) apart and shall be tightened to provide a leak tight joint. Compression type couplings and fittings shall be permitted for use in joining PE piping and tubing. Stiffeners that extend beyond the clamp or nut shall be prohibited. Bends shall be not less than 30 pipe diameters, or the coil radius where bending with the coil. Bends shall not be permitted closer than 10 pipe diameters of a fitting or valve. Mechanical joints shall be designed for their intended use. (x-xx-xx)

~~12.~~ **13.** **Section 609.1 Installation.** Delete the following sentence: Water service yard piping shall be not less than twelve (12) inches (305 mm) below the average local frost depth; and replace it with the following: The cover shall be not less than forty-two (42) inches (1068mm) below grade. (3-25-13)

~~13.~~ **14.** **Section 609.4 Testing.** Testing. Deleting the phrase “Except for plastic piping,” at the beginning of the third sentence and add the following sentence at the end of the section: Plastic piping is to be tested in accordance with manufacturer’s installation standards. (3-25-13)

~~14.~~ **15.** **Section 609.10 Water Hammer.** Does not apply to residential construction. (3-25-13)

~~15.~~ **16.** **Table 6-5 and Appendix Table A-2.** Change fixture unit loading value for both public and private for bathtub or combination bath/shower, and clothes washers to two (2) fixture units. (3-25-13)

~~16.~~ **17.** **Section 610.2.** Add the following: All new one (1) and two (2) family residences built slab on grade or that will have a finished basement at the time of final inspection must have a pre-plumbed water softener loop. The kitchen sink must have one (1) hot soft line and one (1) cold soft line and one (1) cold hard line. Exterior cold hose bibbs intended for irrigation purposes must be piped with hard water. (3-25-13)

~~17.~~ **18.** **Table 6-8 Sizing of Residential Softeners.** Amend Footnote 3 to read: Over four (4) bathroom groups, softeners shall be sized according to the manufacturer’s standards. (3-25-13)

**19.** **Table 7-1. Add to table: Polyethylene (PE), Building Sewer Pipe and Fittings. Referenced standard(s) Pipe: ASTM F 714. Referenced Standard(s) Fittings: ASTM D 2683, ASTM D 3261, ASTM F 1055, ASTM F 2206. PE piping and fittings used for building sewers shall be installed per manufactures installation instructions and IS 26-2006 Idaho State Plumbing Code.** (x-xx-xx)

~~18.~~ **20.** **Table 7-3 Drainage Fixture Unit Valves (DFU).** Change fixture unit loading value for clothes washers, domestic for private to two (2) fixture units. (3-25-13)

~~19.~~ **21.** **Section 703.1.** Add the following at the end of section 703.1: No portion of the drainage or vent system installed underground, underground under concrete or below a basement or cellar shall be less than two (2) inches in diameter. (3-25-13)

~~20.~~ **22.** **Section 703.2 and 710.5. Add Exception.** In single family dwellings, one (1) fixture unit may be allowed for each gallon per minute of flow from a pump or a sump ejector. (3-15-02)

~~21.~~ **23.** **Section 704.2.** Two inch (2”) and smaller double sanitary tees may be used for back to back or side by side fixture trap arms without increasing the barrel size. (4-6-05)

~~22.~~ **24.** **Section 704.3.** Delete. (5-3-03)

~~23.~~ **25.** **Table 7-5.** Change fixture unit loading value for one and a half (1 1/2) inch horizontal drainage to two (2) fixture units. (7-1-98)

~~24.~~ **26.** **Section 707.0 Cleanouts.** Add the following: A clean out shall be installed for double sanitary tees two (2) inches (50 mm) or less in diameter that receive the discharge from fixture connections. Exception in Section 707.4 shall not apply. (3-25-13)

# IDAHO PLUMBING BOARD

## Agenda Item No. 04 American Water Works Association (AWWA) Manual (SECOND READING)

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**PRESENTER:** John Nielsen, Plumbing Program Manager

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**OBJECTIVE:** Reference the current edition of the AWWA manual in IDAPA 07.02.04.

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**ACTION:** Informational

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**BACKGROUND:** The December 1995, 6<sup>th</sup> edition of the *Cross Connection Control Manual*, standard for cross connection control and backflow prevention devices, is no longer available. A proposed rule change to update IDAPA 07.02.04.012.01 to the current edition (April, 2012, 7<sup>th</sup> edition) was presented to the Board.

As requested, whenever a temporary and/or proposed statute or rule change is presented to the Board the Division will identify it as a first or second reading.

The October 2013 Plumbing Board meeting was the first reading. The program manager will present a temporary rule at the February 2014 meeting.

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### **PROCEDURAL HISTORY:**

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**ATTACHMENTS:** IDAPA 07.02.04.012.02 *Cross Connection Control Manual*

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## IDAPA 07 TITLE 02 CHAPTER 04

### 07.02.04 - RULES GOVERNING PLUMBING SAFETY INSPECTIONS

#### 000. LEGAL AUTHORITY.

In accordance with Section 54-2605(1), Idaho Code, the Idaho Plumbing Board shall make, promulgate, and publish such rules as may be necessary for carrying out the provisions of this act in order to effectuate the purposes thereof and for the orderly and efficient administration thereof, and except as may be limited or prohibited by law and the provisions of this act, such rules so made and promulgated shall have the force of statute. (2-26-93)

#### 001. TITLE AND SCOPE.

These rules shall be cited as IDAPA 07.02.04, "Rules Governing Plumbing Safety Inspections," Division of Building Safety. These rules prescribe the criteria for the inspections of plumbing installations and additional requirements. (2-26-93)

#### 002. WRITTEN INTERPRETATIONS.

This agency has no written interpretations of this chapter. (2-26-93)

#### 003. ADMINISTRATIVE APPEALS.

IDAPA 04.11.01, "Idaho Rules of Administrative Procedure of the Attorney General," govern license revocation/ suspension proceedings. (2-26-93)

#### 004. -- 010. (RESERVED).

#### 011. REQUIRED INSPECTIONS.

**01. Ground Work Inspection Tags.** For ground work to be covered, with acceptance by the inspector. A tag will be attached in a prominent location, preferably to a vertical riser. (5-8-09)

**02. Rough-In Inspection Tags.** For rough-in, prior to covering or concealing with acceptance by the inspector. A tag will be placed in a prominent location. (5-8-09)

**03. Final Inspection Tags.** For final, attached when the plumbing as specified on the permit is complete and conforms to the requirements of the code. (5-8-09)

**04. Inspection Tags for Unacceptable Plumbing.** Correction Notice: When attached to the plumbing system means that the plumbing is not acceptable and that corrections will be required. Also, a re-inspection and re-inspection fee for such installations shall be required in accordance with IDAPA 07.02.03, "Rules Governing Permit Fee Schedule," section 011, subsection 06. (6-4-76)

#### 012. REQUIREMENTS IN ADDITION TO THE PLUMBING CODE.

**01. Cross Connection Control Manual.** The "Cross Connection Control Manual" published by the Pacific Northwest Section of the American Water Works Association (~~December, 1995 6th Edition~~) ([Seventh Edition, April 2012](#)) is hereby adopted as the standard for cross connection control and back flow prevention devices. (~~x-x-xx~~)

**02. Jurisdiction/Septic Systems.** Septic tank and drain fields: Under the definition of a plumbing system as set forth in Section 54-2604(h), Idaho Code, the plumbing contractor's interest and responsibility ceases with the "connection" to the septic tank. (11-14-85)

**03. Waste Disposal.** The Department of Health and Welfare is the inspection authority on waste disposal. (6-4-76)

#### 013. -- 999.(RESERVED).

# IDAHO PLUMBING BOARD

## Agenda Item No. 05      Expired License and Retest (FIRST READING)

**PRESENTER:**      John Nielsen, Plumbing Program Manager

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**OBJECTIVE:**      To establish in statute an inactive category for plumbing contractor licenses. Also, discuss changing the current statute which allows a person to renew their license within one (1) year without testing to two (2) years.

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**ACTION:**      Informational

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**BACKGROUND:**      At the October 2013 meeting, the following proposed changes to Idaho Code § 54-2617 were presented to the Board: 1) Allow a plumbing contractor to place his certificate of competency in an inactive status with the Division; and 2) Extend the length of time to renew a certificate to two years of the expiration date.

The process to review temporary and/or proposed statute and rule changes was explained. To proceed to a second reading, the Board must vote to approve the first reading. The topic *Expired License and Retest* will be addressed at the February 2014 meeting as a first reading.

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### **PROCEDURAL HISTORY:**

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**ATTACHMENTS:**      Idaho Code § 54-2617

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**§ 54-2617. Certificate expiration -- Renewal – Inactive License—Temporary Contractor License-- Rules for staggered schedule**

(1) Certificates of competency shall be issued for a period of three (3) years, and shall expire three (3) years from the date of issue, unless sooner revoked or suspended.

(2) A certificate of competency for plumbing contractor or journeyman may be renewed at any time during the month prior to its expiration by providing proof of completion of the continuing education requirements as established by the board and compliance with all other renewal requirements of statute or rule. A certificate of competency for plumbing specialty contractor and specialty journeyman may be renewed at any time during the month prior to its expiration by compliance with all renewal requirements of statute or rule.

(3) Failure of any holder to timely renew a certificate of competency shall cause lapse of the certificate, but it may be revived within ~~one~~ two (~~1~~2) years without examination only upon payment of the full initial fee.

(4) The administrator may renew, on an inactive basis, a certificate of competency for plumbing contractor or specialty contractor who is not engaged in plumbing contracting in this state. The board shall fix and collect an inactive license fee for such an inactive license renewal in an amount not to exceed thirty-six dollars (\$36). Each inactive certificate of competency shall be issued for a period of one (1) year. A plumbing contractor or specialty contractor holding an inactive license may not engage in the practice of plumbing contracting or specialty contracting in this state. If a plumbing contractor or specialty contractor wishes to convert his inactive license to an active license, he may do so by paying a processing fee of thirty dollars (\$30.00), provide proof of completion of the continuing education requirements for the duration of the inactive period that would have been required during that period for an active license, and furnish a compliance bond in the amount of two thousand dollars (\$2000) or evidence of such coverage by a corporate industry group bond acceptable to the board.

(5) In the event that a plumbing contractor dies or becomes otherwise personally incapacitated, a temporary plumbing contractor certificate of competency may be issued to an applicant who holds an active Idaho journeyman certificate of competency to represent the firm, company, copartnership, association, or corporation so designated by the deceased or incapacitated contractor. The holder of a temporary contractor certificate of competency may perform all the acts a plumbing contractor is authorized by this chapter and the rules promulgated by the board hereunder for a period of up to ninety (90) days after it is issued.

(46) The board shall promulgate rules to provide for a staggered schedule of issuing and renewing certificates of competency.

# IDAHO PLUMBING BOARD

**Agenda Item No. 06      Reciprocity with Montana and Continuing Education**

**PRESENTER:**            Scott Lemert, Montana State Plumbing Board Member

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**OBJECTIVE:**            Discuss the relationship between Idaho and Montana and Continuing Education.

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**ACTION:**                Informational

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**BACKGROUND:**

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**PROCEDURAL HISTORY:**

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**ATTACHMENTS:**    No documentation

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# IDAHO PLUMBING BOARD

## Agenda Item No. 07

## License Requirements

**PRESENTER:** John Nielsen, Plumbing Program Manager

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**OBJECTIVE:** Clarify the requirements for plumbers holding either an out-of-state journeyman or contractor license.

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**ACTION:** Informational

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**BACKGROUND:** In Idaho, a plumbing contractor license represents a plumbing company and a plumbing journeyman license performs plumbing services.

Some states do not have apprenticeship programs or require a journeyman license; only a plumbing contractor license to manage both the plumbing business and physical labor.

The concern brought forth was unless an inspector catches and cards a contractor on the job; how does DBS stop a contractor from physically working in the trade without an active journeyman license.

The chairman asked the topic *License Requirements* to be brought back to the February 2014 meeting for consideration.

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## **PROCEDURAL HISTORY:**

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**ATTACHMENTS:** IDAPA 07.02.05.012 and 013

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## **CURRENT RULE**

### **012. JOURNEYMAN.**

**01. Qualifications for Journeyman Plumber.** An applicant for a journeyman plumber's certificate of competency must have at least four (4) years experience as an apprentice making plumbing installations under the constant on-the-job supervision of a qualified journeyman plumber, as provided by Section 54-2611, Idaho Code. Pipe fitting will not be accepted as qualifications for a journeyman plumber's license. The first step in obtaining a journeyman certificate of competency is to submit an application for examination and license. The application must be accompanied by proof the applicant has completed the minimum of four (4) years experience in the trade as provided in Section 011 of these rules. Exhibition of a current license or photo-static copy of it from another jurisdiction may be accepted as proof of experience. The examination fee shall be as prescribed by Section 54-2614, Idaho Code, and must accompany the application.

## **PROPOSED OPTIONS**

### ➤ **Idaho Apprentices:**

An Idaho apprentice needs four years of school and four years (8000 hours) of work experience to hold a journeyman license

### ➤ **Out of State Applicants:**

#### **Without a Recognized Apprentices Program**

- An applicant with experience acquired outside of Idaho in a state that **does not** have an apprenticeship program must meet the experience and schooling requirements as set forth in Paragraph .012.01.a.
- An applicant with experience acquired outside of Idaho in a state that **does not** have an apprenticeship program must meet the experience and schooling requirements as set forth in Paragraph .012.01.a. or if the applicant has not completed the vocational education requirement, the applicant may alternately submit verification of twice the amount of experience (eight (8) years defined as a minimum of sixteen thousand (16,000) hours.)

**With a Recognized Apprentice Program**

- An applicant with experience acquired outside of Idaho in a state that **does** have a recognized apprenticeship program must meet the experience and schooling requirements as set forth in Paragraph .012.01.a. .
- Exhibition of a current journeyman license or photo-static copy of it from a state with a recognized program offering a journeyman license may be accepted as proof of meeting the requirements of Paragraph .012.01.a. Examination is still required to obtain an Idaho journeyman license.

**CURRENT RULE****013. PLUMBING CONTRACTOR.**

**01. Qualifications for Plumbing Contractor.** A plumbing contractor must be certified as competent by the Idaho Plumbing Board and the administrator of the Division before he offers his service to the public. To obtain the certificate, he must first submit an acceptable application. The application must show, among other things, a provable minimum of two and one-half (2 1/2) years experience as a journeyman plumber either in the state of Idaho or another state. Such experience may be proven by the submission with the application of a photo-static copy of the license from another jurisdiction, which has been held for the required period of time. However, if the applicant is from a state which does not require or provide for formal journeyman licensing, then said experience may be proven by the submission of three (3) sworn affidavits from individuals attesting to the fact that the applicant has had at least two and one-half (2 1/2) years experience as a journeyman plumber. Applications which are incomplete in any detail will be returned as unacceptable. A compliance bond must also be on file in the Division before an examination will be given. The examination fee shall be as prescribed by Section 54-2614, Idaho Code, and must accompany the application. (8-25-88)

➤ **Idaho Journeymen:**

An Idaho journeyman needs two and a half years' experience as a journeyman (have an Idaho journeyman license) before they are allowed to test.

## **PROPOSED OPTIONS**

### ➤ **Out of State Applicants:**

#### **Without a Recognized Licensing Program for journeyman**

- Any person wanting to become a plumbing contractor in Idaho must first have an active Idaho journeyman license.
- An applicant with experience acquired outside of Idaho in a state that ***does not*** have a formal licensing program for journeymen, experience may be proven by the submission of three (3) sworn affidavits from individuals attesting to the fact that the applicant has had at least four (4) years experience as defined by eight thousand hours 8,000 as journeyman plumber. Applicant must hold an active Idaho journeyman license.

#### **With a Recognized Licensing Program for Contractors**

- Exhibition of a current contractor license or photo-static copy of it from a state with a recognized program offering a contractor license may be accepted as proof of meeting the requirements of Paragraph .013.01.a. Examination is still required to obtain an Idaho contractor license. Applicant must hold an active Idaho journeyman license.

## **PROPOSED CHANGE TO THE RULE**

- Any person holding a current contractor certificate of competency shall not be required to hold a journeyman license.

# IDAHO PLUMBING BOARD

## Agenda Item No. 08 Specialty Appliance Plumbing License Update / Water Heater Installations

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**PRESENTER:** John Nielsen, Plumbing Program Manager

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**OBJECTIVE:** Clarify the statutory authority for water heaters used in a potable system.

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**ACTION:** Informational

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**BACKGROUND:** Certain counties have stopped allowing HVAC contractors to pull mechanical permits to install water heaters in a potable system because those water heaters are part of the plumbing system, thus creating a license issue.

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### **PROCEDURAL HISTORY:**

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**ATTACHMENTS:** Proposed grandfathering of HVAC contractors and journeymen with Appliance Plumbing Specialty license.

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## **018. APPLIANCE PLUMBING SPECIALTY LICENSE.**

**The Division will waive the seventy-two hour class and testing portion of the rule, starting April 1, 2014 and ending on May 31, 2014.**

### **IDAPA 07.02.05.018.04. Special Grandfathering Provision.**

**a. Contractor:** In lieu of the thirty (30) months minimum journeyman experience requirement, an individual may use five (5) years' experience of owning and operating a business where this specialty applies AND satisfactory completion of seventy-two (72) hours of Idaho Plumbing Board-approved related training classes. For this purpose, a business is defined as an activity in which tax returns were required to be and have been filed for at least five (5) years. (7-1-99)

**b. Journeyman:** In lieu of the eighteen (18) months apprentice on-the-job experience requirement, an individual may use five (5) years' experience working for a business where this specialty applies. For this purpose, working for a business is defined as being issued a W-2 earning form from a related business or businesses for at least five (5) years. (7-1-99)

**05. Applications for Specialty Licenses.** Applications for the above specialty licenses may be obtained from the Division of Building Safety. The forms shall be returned with the examination fee provided by Section 54-2614, Idaho Code, with proof of the required experience in the field of this specialty. (3-29-12)

**06. Examinations for Specialty Licenses.** Written examinations for specialty plumbing licenses shall be formulated from the practical application of the sections of the Uniform Plumbing Code as adopted by the Idaho Plumbing Board under Section 54-2601, Idaho Code. (7-1-99)

**07. Fees.** Fees for certificates shall be required in accordance with Section 54-2616, Idaho Code. (7-1-99)

**08. Scope of Work Permitted.** Permitted to disconnect, cap, remove, and reinstall within sixty (60) inches of original location: water heating appliance, water treating or filtering devices; air or space temperature modifying equipment which involves potable water; humidifier; temperature and pressure relief valves; condensate drains and indirect drains in one (1)-family and two (2)-family residences only. Does not include installation, testing, or certifying of backflow prevention devices. Does NOT include any modification to the drain, waste or vent systems. Must comply with all Idaho plumbing laws and rules and the requirements of the Uniform Plumbing Code. (7-1-99)

# IDAHO PLUMBING BOARD

**Agenda Item No. 09**

**Permit Screen**

**PRESENTER:** Ron Whitney, Deputy Administrator-Administration

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**OBJECTIVE:** Update the Board on whether an individual can view more than one permit at a time through the division's software program.

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**ACTION:** Informational

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**BACKGROUND:** July 2013 - Board Member Pond requested the division research to see if its software system has the capability to allow a contractor to view all his permits at once rather than one at a time.

October 2013 - In the interest of time, Chairman Terrell deferred the topic *Permit Screen* to the February 20, 2014 Board meeting.

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**PROCEDURAL HISTORY:**

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**ATTACHMENTS:** No documentation

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# IDAHO PLUMBING BOARD

## Agenda Item No. 10

## Plumbing Program Manager Report

**PRESENTER:** John Nielsen, Plumbing Program Manager

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**OBJECTIVE:** Provide an update on the Plumbing program's current activities.

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**ACTION:** Informational

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**BACKGROUND:** This topic is addressed at all regularly scheduled Idaho Plumbing Board meetings.

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### **PROCEDURAL HISTORY:**

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**ATTACHMENTS:** Correspondence from DEQ

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STATE OF IDAHO  
DEPARTMENT OF  
ENVIRONMENTAL QUALITY

650 Addison Avenue West, Suite 110 • Twin Falls, Idaho 83301 • (208) 736-2190  
www.deq.idaho.gov

C.L. "Butch" Otter, Governor  
Curt Fransen, Director

October 31, 2013

**Certified Mail No. 7012 1640 0000 2816 9720**  
**Return Receipt Requested**

Mr. John Graham  
School District #413  
700 B Stevens Avenue  
Filer, Idaho 83328

**Re: Inadequately Constructed Wastewater Collection System and Apparent Violation of IDAPA Section 58.01.02.430.02: Subparts "a", "d" and "f", Filer Intermediate School Wastewater Collection System Installations Project, Twin Falls Co.**

Dear Mr. Graham:

On August 7, 2013 you met with our office to discuss operational issues associated with the Filer Intermediate School District wastewater collection system. We affirmed at that time two of the three wastewater collection system segments were not constructed in accordance with the approved plans and specifications and the installation also appeared to not comply with minimum state construction requirements.

Prior to our meeting, it was our understanding that the school district had requested EHM Engineers to determine what modifications would be required for the system to meet state requirements and a subsequent design set was created and then submitted to DEQ for our review and approval. Around that same time, the Plumbing Bureau with the Division of Building Safety was contacted to determine whether the collection system could be reclassified as a sewer service and thus DEQ construction standards would not apply, but wasn't and remains under DEQ review authority.

As you are already aware the following issues were discovered during our review of the drawings.

1. Eight (8)-inch wastewater segment spanning between manhole numbers MH2 and MH3 has a constructed slope closer to 0.05% instead of 0.40% as required by Department-approved plans and specifications. Illustrated on sheet number three of the as-built drawings.
2. Eight (8)-inch wastewater segment spanning between manhole numbers MH1 and MH2 has a constructed slope closer to 0.21% instead of 0.40% as required by Department-approved plans and specifications. Illustrated on sheet number three of the as-built drawings.

The following listing is a dated summary of written correspondence between EHM Engineers, DEQ and the Owner.

August 7, 2008 – Design plans and specifications submitted to DEQ by Gary Burkett with EHM Engineering for review and comment.

August 8, 2008 -- Comment letter issued by the DEQ to Gary Burkett, EHM.

Mr. John Graham  
October 31, 2013  
Page 2

August 21, 2008 – Revised design plans and specifications submitted to DEQ by Gary Burkett with EHM Engineering for our review and comment.

August 21, 2008 -- Comment letter issued by the DEQ to Gary Burkett, EHM.

October 2, 2008 -- Project approval letter issued by the DEQ

April 22, 2013 – Wastewater collection reconstruction plans compliant with state drawings and non-compliant “As-Built” drawings submitted to DEQ by David Thibault for our review and comment.

April 25, 2013 -- Project approval letter issued by DEQ to the City of Filer

As we previously noted, it appears from our review of post constructed drawings submitted by EHM Engineers that the Filer Intermediate School wastewater collection system is apparently non-compliant with the original design plans approved by this office and does not comply with IDAPA Code Section 58.01.16.

We respectfully request that the inadequately constructed facilities identified above be reconstructed pursuant to the April 22, 2013 design submittal prepared by EHM Engineers which was approved by this office. We are enclosing a nominal sewer slope table, which was taken from our recognized state standard “*Recommended Standards for Wastewater Facilities*”, which is incorporated into our rules under IDAPA Section 58.01.16.008 that indicates eight (8)-inch collection lines need to have a minimum slope of 0.40%.

We are requesting immediate attention to this matter and the district issue a response to DEQ within forty-five days and a tentative wastewater collection repair schedule be provided for our use and consideration.

If you have any questions, please do not hesitate to contact this office at 736-2190.

Sincerely,



Brian A. Reed, PE  
Technical Engineer I

BAR:gl

Enclosure: Slope Table Taken From Recommended Standards for Wastewater Facility

- cc: David Thibault, PE, EHM Engineers, Twin Falls w/ enc.  
John Hurley, City of Filer w/ enc.  
Don Hutchison, Hutchison Smith Architects, Boise w/ enc.  
John Nielsen, Plumbing Bureau, Boise w/ enc.
- cc: David Anderson, DEQ-Twin Falls Regional Office w/ enc.  
Bill Allred, DEQ-Twin Falls Regional Office w/ enc.

# **RECOMMENDED STANDARDS for WASTEWATER FACILITIES**

**POLICIES FOR THE DESIGN, REVIEW, AND APPROVAL OF PLANS AND  
SPECIFICATIONS**

**FOR WASTEWATER COLLECTION AND TREATMENT FACILITIES**

**2004 EDITION**

**A REPORT OF THE WASTEWATER COMMITTEE**

**OF THE**

**GREAT LAKES -- UPPER MISSISSIPPI RIVER**

**BOARD OF STATE AND PROVINCIAL PUBLIC HEALTH AND  
ENVIRONMENTAL MANAGERS**

**MEMBER STATES AND PROVINCE**

**ILLINOIS  
INDIANA  
IOWA  
MICHIGAN  
MINNESOTA  
MISSOURI**

**NEW YORK  
OHIO  
ONTARIO  
PENNSYLVANIA  
WISCONSIN**

<u>Nominal Sewer Size</u>	<u>Minimum Slope in Feet Per 100 Feet (m/100 m)</u>
8 inch (200 mm)	0.40
10 inch (250 mm)	0.28
12 inch (300 mm)	0.22
14 inch (350 mm)	0.17
15 inch (375 mm)	0.15
16 inch (400 mm)	0.14
18 inch (450 mm)	0.12
21 inch (525 mm)	0.10
24 inch (600 mm)	0.08
27 inch (675 mm)	0.067
30 inch (750 mm)	0.058
33 inch (825 mm)	0.052
36 inch (900 mm)	0.046
39 inch (975 mm)	0.041
42 inch (1050 mm)	0.037

Sewers 48 inches (1200 mm) or larger should be designed and constructed to give mean velocities, when flowing full, of not less than 3.0 feet per second (0.9 m/s), based on Manning's formula using an "n" value of 0.013.

#### **33.42 Minimum Flow Depths**

Slopes which are slightly less than the recommended minimum slopes may be permitted. Such decreased slopes may be considered where the depth of flow will be 0.3 of the diameter or greater for design average flow. The operating authority of the sewer system will give written assurance to the appropriate reviewing authority that any additional sewer maintenance required by reduced slopes will be provided.

#### **33.43 Minimize Solids Deposition**

The pipe diameter and slope shall be selected to obtain the greatest practical velocities to minimize settling problems. Oversize sewers will not be approved to justify using flatter slopes. If the proposed slope is less than the minimum slope of the smallest pipe which can accommodate the design peak hourly flow, the actual depths and velocities at minimum, average, and design maximum day and peak hourly flow for each design section of the sewer shall

# IDAHO PLUMBING BOARD

## Agenda Item No. 11

## Operational Report

**PRESENTER:** Steve Keys, Deputy Administrator-Operations

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**OBJECTIVE:** Apprise the Board on the current operations of the Plumbing program and Division.

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**ACTION:** Informational

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**BACKGROUND:** This topic is addressed at all regularly scheduled Idaho Plumbing Board meetings.

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**PROCEDURAL  
HISTORY:**

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**ATTACHMENTS:** No documentation

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# IDAHO PLUMBING BOARD

**Agenda Item No. 12a**

**Financial Report**

**PRESENTER:** C. Kelly Pearce, Administrator and Kathleen Watkins, Financial Manager

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**OBJECTIVE:** Review the Idaho Plumbing Board Financial Report.

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**ACTION:** Informational

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**BACKGROUND:** This topic is addressed at all regularly scheduled Idaho Plumbing Board meetings.

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**PROCEDURAL  
HISTORY:**

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**ATTACHMENTS:** Financial report

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**Division of Building Safety**  
 IDAHO PLUMBING BOARD FUND 0229-03  
 Fiscal Year 2014 Financial Statements  
 As of 1/31/2014

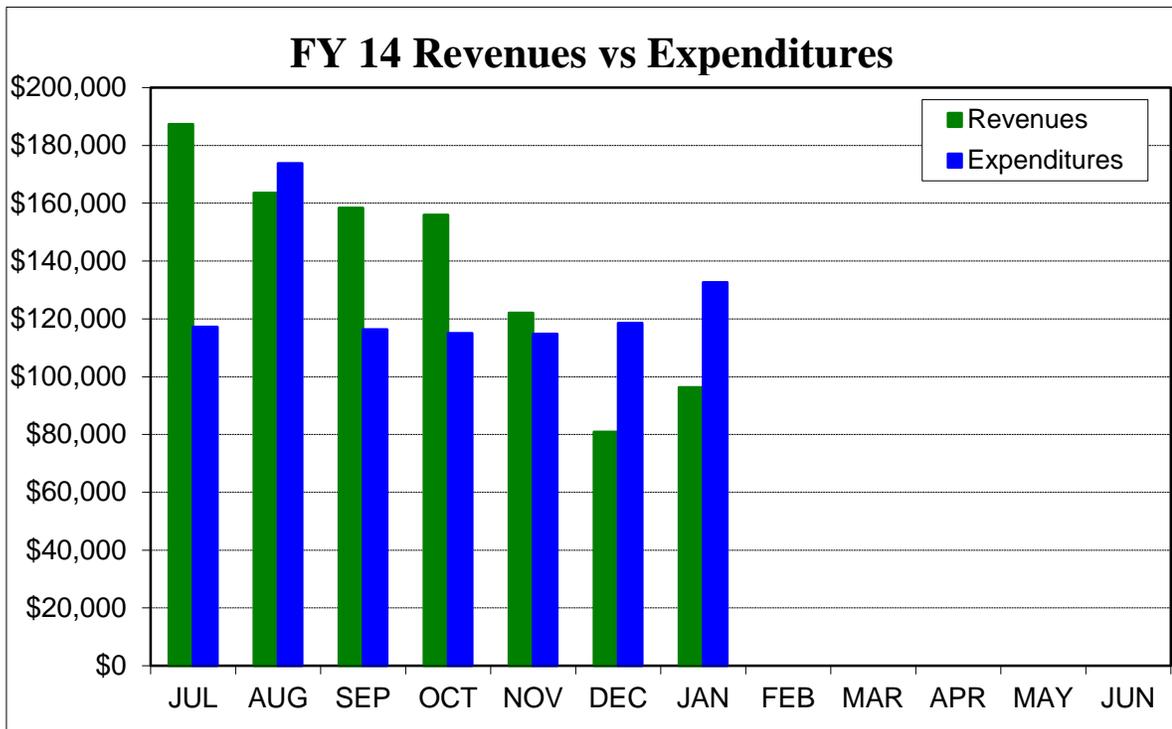
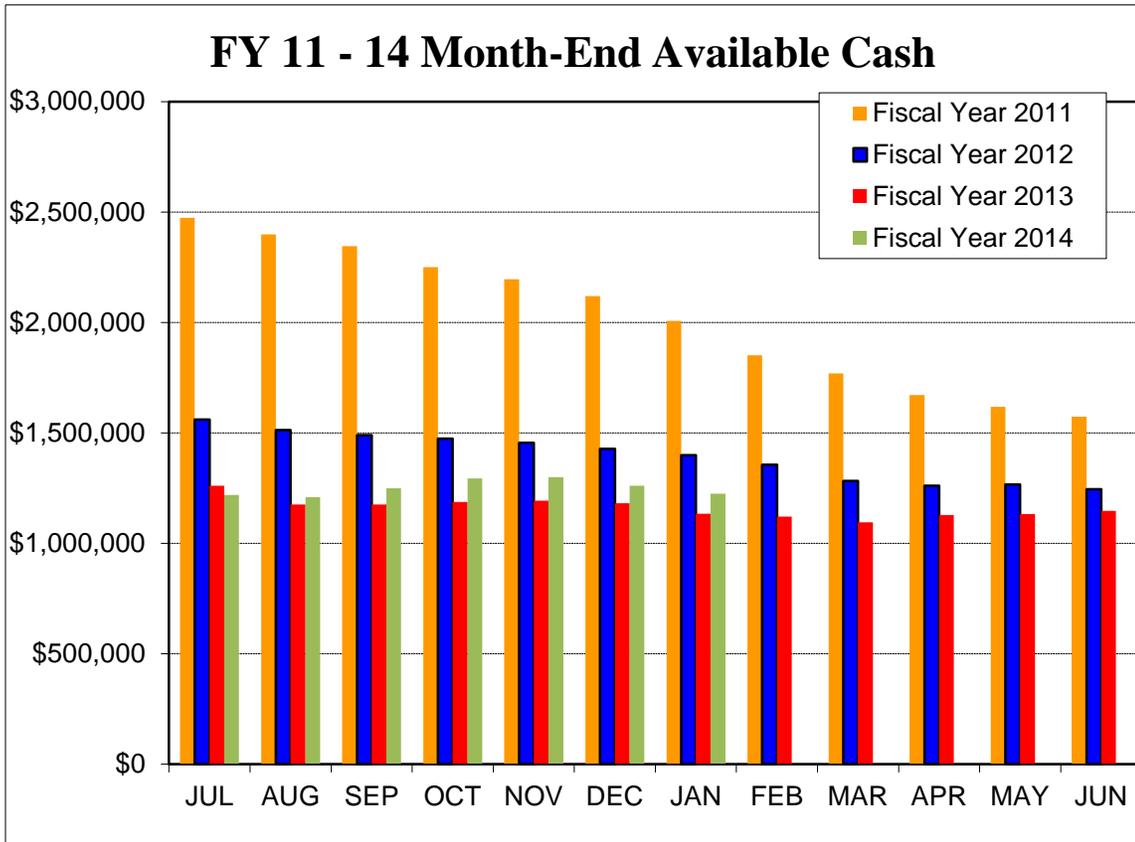
Statement of Revenues and Expenditures

Class	Budget	Fiscal Year To Date	YTD as a % of Budget	Remaining Budget	Projected for Remainder of Year	Projected Year End Totals	Projected Total as a % of Budget
Revenues:	1,409,000	964,589	68.5%	444,411	603,629	1,568,218	111.3%
Expenditures							
Personnel:	1,118,000	681,244	60.9%	436,756	425,778	1,107,022	99.0%
Operating:	298,000	180,128	60.4%	117,872	133,890	314,018	105.4%
Capital:	42,000	26,921	64.1%	15,079	15,079	42,000	100.0%
Total Expenditures	1,458,000	888,294	60.9%	569,706	574,746	1,463,040	100.3%
Net for FY 2014	(49,000)	76,295			28,883	105,178	

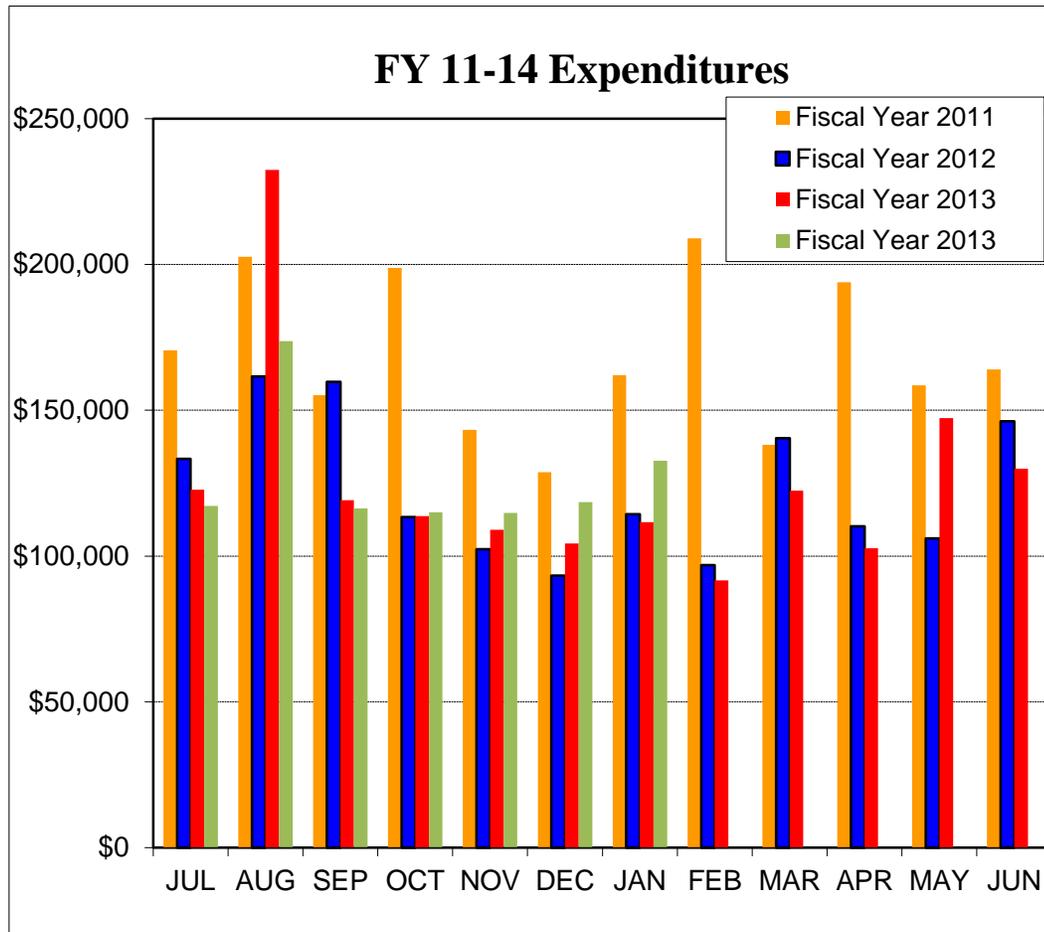
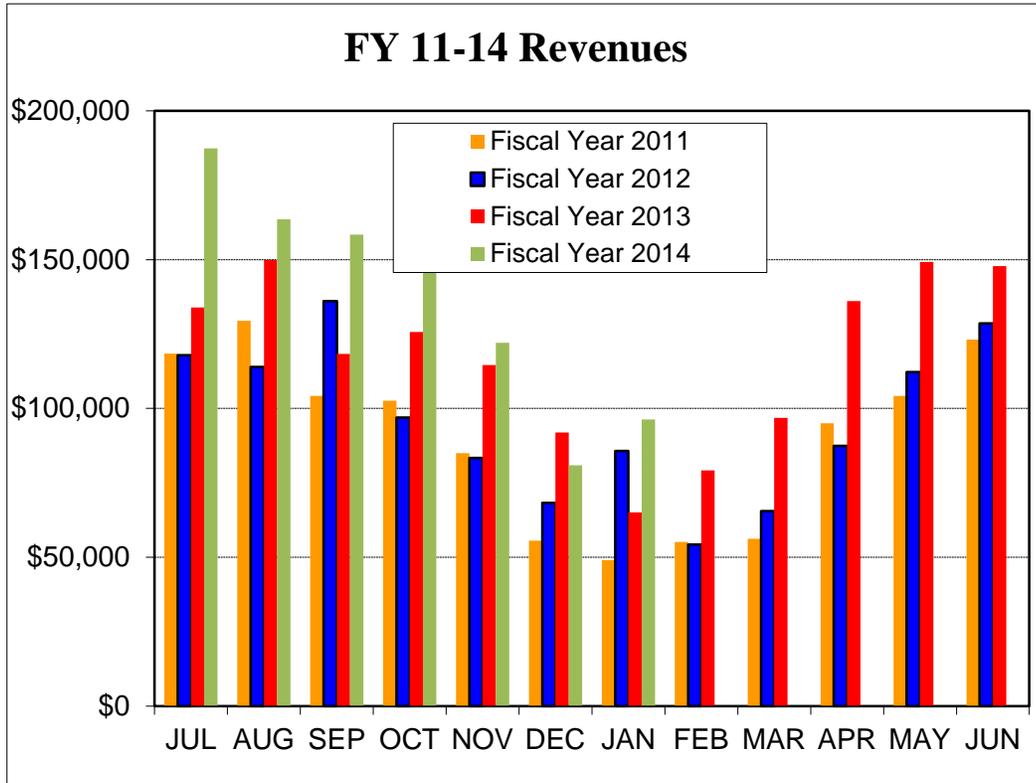
Statement of Cash Balance

July 1, 2013 Beginning Cash Available	Fiscal Year to Date Revenues	Fiscal Year to Date Expenditures and Encumbrances	Other Changes in Cash	Available Cash as of January 31, 2014	Projected Change in Cash for Remainder of Year	Projected Year End Available Cash
1,147,004	964,589	(888,294)	1,863	1,225,162	28,883	1,254,045

## IDAHO PLUMBING BOARD FUND 0229-03



## IDAHO PLUMBING BOARD FUND 0229-03



# IDAHO PLUMBING BOARD

**Agenda Item No. 12b**

**Administrator**

**PRESENTER:** C. Kelly Pearce, Administrator

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**OBJECTIVE:** Provide an overview of the Division's current activities.

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**ACTION:** Informational

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**BACKGROUND:** This topic is addressed at all regularly scheduled Idaho Plumbing Board meetings.

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**PROCEDURAL  
HISTORY:**

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**ATTACHMENTS:** No documentation

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