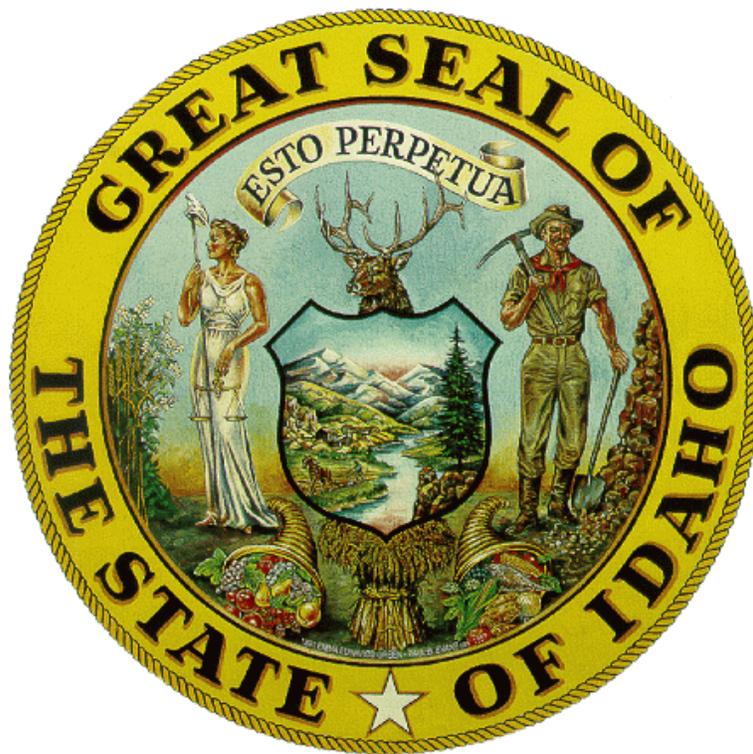


DIVISION OF BUILDING SAFETY

IDAHO PLUMBING BOARD
VIDEOCONFERENCE MEETING

JULY 26, 2012



IDAHO PLUMBING BOARD

Agenda Item No. 01

Agenda

PRESENTER: Milford Terrell, Chairman

OBJECTIVE: Approve agenda for the July 26, 2012 Idaho Plumbing Board videoconference meeting

ACTION: Consent

BACKGROUND:

**PROCEDURAL
HISTORY:**

ATTACHMENTS: July 26, 2012 Idaho Plumbing Board meeting tentative agenda



TENTATIVE AGENDA

NOTICE OF PUBLIC MEETING

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, July 26, 2012
9:30 a.m. – 3:30 p.m. (MT)***

(Note: Meeting commences at 8:30 a.m. PT)

9:30 a.m. CALL TO ORDER – Milford Terrell, Chairman

- o Roll Call & Introductions
- o Open Forum
 - City and County Concerns

CONSENT AGENDA

1. Approval of the July 26, 2012 Agenda
2. Approval of the May 10, 2012 Board Meeting Minutes

ACTION AGENDA

3. Administrative Appeals Hearing – John Nielsen
 - a. Two Rivers LLC – NOV PLB1205-0035
4. Public Testimony
 - a. Update the Administrative Rules to Reflect the Adoption of the Idaho State Plumbing Code – John Nielsen
 - b. Inspections of Gray Water Systems – A. J. Maupin
 - c. Color Definition of Inspection Tags – John Nielsen
 - d. Additional Fees and Re-Inspection Fees – John Nielsen
5. Commercial Plumbing -- Idaho Code § 54-2602 – John Nielsen
6. Medical Gas – Gilbert Pond and John Nielsen

INFORMATIONAL AGENDA

7. CEU Training for Plumbing Contractors – Steve Keys

8. Liquid and Fuel Gas Piping – Gilbert Pond

9. Renting of Contractor Licenses – John Nielsen and Dan Long

10. Master License – John Nielsen and Kenny Calkins

11. High Density Polyethylene – John Nielsen

12. Contractor Licensing Requirement for “Big Box” Vendors – Steve Keys

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

1:00 p.m.

13. Plumbing Program Manager Report – John Nielsen

14. Operational Report – Steve Keys

15. 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. 07/13/12r

IDAHO PLUMBING BOARD

Agenda Item No. 02

Minutes

PRESENTER: Milford Terrell, Chairman

OBJECTIVE: Approve the minutes from the May 10, 2012 Idaho Plumbing Board videoconference meeting

ACTION: Consent

BACKGROUND:

**PROCEDURAL
HISTORY:**

ATTACHMENTS: Draft minutes – May 10, 2012 Idaho Plumbing Board meeting



**IDAHO PLUMBING BOARD
VIDEOCONFERENCE MEETING**

Thursday – May 10, 2012 – 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 MAY 10, 2012 MEETING**

*NOTE: The following report is not intended to be 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 9:32 a.m. (MT)

Board Members Present:

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

DBS Staff Members Present:

C. Kelly Pearce, Administrator
Steve Keys, Deputy Administrator, Operations
Janice Foster, Deputy Administrator, Administration
Patrick Grace, Deputy Attorney General
John Nielsen, Plumbing Program Manager
Rod Freligh, Regional Manager, Region 1
Chris Jensen, Regional Manager, Region 3
Dave Decker, Financial Specialist
Renee Bryant, Administrative Assistant 2/Board Secretary

Gordon Smythe, Public-At-Large representative, resigned his position on the Idaho Plumbing Board. Chairman Terrell acknowledged Mr. Smythe and his contributions to the Board and state of Idaho.

◆ **Open Forum**

Public Comments – Russ Goyen, Idaho Association of Building Officials (IDABO) representative, expressed a desire to offer input; specifically to items four “Public Testimony – Update the Administrative Rules to Reflect the Adoption of the Idaho State Plumbing Code” and seven “Definition of Plumbing System--Liquid and Fuel Gas Piping”.

◆ **Approval of May 10, 2012 Agenda**

MOTION: Dan Long made a motion to approve the May 10, 2012 agenda as written. Matt Gardner seconded. All in favor, motion carried.

◆ **Approval of February 23, 2012 Minutes**

MOTION: Gilbert Pond made a motion to approve the February 23, 2012 minutes as presented. Dan Long seconded. All in favor, motion carried.

◆ **Negotiated Rulemaking Process**

Senate bill 1366 passed the 2012 legislature and became effective April 5, 2012. The bill amends existing law to provide statutory procedures for negotiated rulemaking and to provide

for notices of rulemaking to be placed on an agency's website. Deputy Attorney General Patrick Grace provided a brief explanation of the negotiated rulemaking process.

Milford Terrell asked Patrick Grace to provide the definition of “working board meeting/session” as it concerns the Board.

ACTION: Patrick Grace will provide a definition of “working board meeting/session” at the July Board meeting.

It is the agency’s responsibility to demonstrate the fiscal impact to all entities affected by the negotiated rulemaking process. Currently, the Division spends an inordinate amount of time with seven Boards to go through this procedure. Milford Terrell suggested the DBS inform the governor of the costs it incurs.

ACTION: Kelly Pearce will report to the governor the cost the agency incurs to comply with the negotiated rulemaking process.

A. J. Maupin, Idaho Department of Environmental Quality (IDEQ), explained the procedure IDEQ has in place for negotiated rulemaking. Milford Terrell expressed the Division continue with the process it has already established.

◆ **Public Testimony – Update the Administrative Rules to Reflect the Adoption of the Idaho State Plumbing Code**

John Nielsen provided an overview of the proposed changes to the current chapters of the plumbing rules; specifically chapter six which pertains to the Uniform Plumbing Code/Idaho State Plumbing Code.

Chapters three and four were discussed under agenda item six “Color Definition of Inspections Tags”.

Code books will be available in a “read only” format at the Division’s Coeur d’Alene, Pocatello, and Meridian offices, and on its website <http://dbs.idaho.gov>.

On behalf of IDEQ, Mr. Maupin proposed the following text be included in modifications proposed to IDAPA 07.02.06 – Rules Concerning Idaho State Plumbing Code: “**39. Chapter 16:** Plumbing for a grey water system from the fixture to the tank shall be inspected by the Plumbing Bureau. The Idaho Department of Environmental Quality (IDEQ) shall have jurisdiction from the tank to the point of disposal. Setbacks and soil requirements shall be the responsibility of IDEQ.”

Patrick Grace will work with IDEQ; clarifying the above language with regard to the line of demarcation.

ACTION: Patrick Grace will work with IDEQ, rewrite the changes to IDAPA 07.02.06 with regard to grey water, and present it as a second reading at the July 26, 2012 Board meeting.

◆ **Commercial Plumbing--Idaho Code § 54-2602**

There is confusion on the definitions of “alterations”, “repairs”, and “replacements” and whether non-licensed individuals working for owners of commercial buildings can alter, repair or replace plumbing equipment.

State and local inspectors agree inspections should be required when alterations are made in commercial buildings. Although inspections are a concern, this is a licensure issue.

The Division was asked to define the words “alteration”, “repair”, and “replacement”; bringing the information to the July 2012 Board meeting. Staff was also asked to provide clarification on the following questions: 1) What is considered a “replacement”; 2) In commercial buildings, what item, if any, should be inspected upon alteration, repair or replacement, 3) What type of license, if any, is needed to replace equipment; i.e., non-licensed individual, plumbing journeyman, or plumbing master/contractor.

ACTION: For the July 2012 meeting, John Nielsen will define the words “alteration”, “repair”, and “replacement”. Also, provide clarification on the following questions: 1) What is considered a “replacement”; 2) What item in commercial buildings, if any, should be inspected once altered, repaired or replaced; 3) What type of license, if any, is required to replace equipment; i.e., non-licensed individual, plumbing journeyman, or plumbing master/contractor.

◆ **Color Definition of Inspection Tags**

John Nielsen recapped the previously proposed changes to IDAPA 07.02.03 and 07.02.04.

The following proposed rule change to IDAPA 07.02.04.011.04 would link the two rules together: **“Inspection Tags for Unacceptable Plumbing**, ~~Red: Not acceptable, and~~ **Correction Notice**: when attached to the plumbing system means that the plumbing is not acceptable and that corrections will be required. Also, a reinspection and reinspection fee **for such installations** shall be required **in accordance with IDAPA 07.02.03, “Rules Governing Permit Fee Schedule,” section 011, subsection 06.**” Milford Terrell was agreeable with the recommendation.

◆ **Definition of Plumbing System--Liquid and Fuel Gas Piping**

A subcommittee comprised of two plumbing and two HVAC board members discussed the definition of plumbing system. Medical gas is in the plumbing code but not statute. As a safety issue, the subcommittee recommended medical gas be included in the plumbing statute and require a plumbing inspection.

Medical gas is currently tested and certified by qualified inspectors from the private sector and is outside the state’s jurisdiction. Milford Terrell was adamant medical gas not be added to the plumbing statute; going so far as to state he would oppose a proposal all the way to the statehouse. The chairman suggested the subcommittee meet to further discuss medical gas; finding a more suitable location other than the plumbing statute, and revising the language. Gilbert Pond recommended the topic “medical gas” be addressed at a future meeting. Chairman Terrell so ordered.

ACTION: For the July 2012 meeting, Gilbert Pond will bring forth redefined language and possible relocation on the topic “medical gas”.

The subcommittee also recommended the following subsections be added to the existing HVAC code 54-5015(c): (ii) Gas piping; and (iii) Piping for hydronic systems; Piping for Steam & Hot water boiler systems. With the changes, the mechanical code stays in tact, the work to be installed remains under the mechanical codes, and plumbers can continue to install those systems, which they have been doing for years.

Gilbert Pond offered to attend the May 16th Idaho HVAC Board meeting; presenting the proposed legislation to the Board.

MOTION: Gilbert Pond made a motion for himself to present the proposed changes in Idaho Code § 54-5015, with regard to the topic “Definition of Plumbing System--Liquid and Fuel Gas Piping”, to the HVAC Board at its May 16th meeting; recommending the Board incorporate the changes into the HVAC statute. Dan Long seconded. All in favor, motion carried.

ACTION: Gilbert Pond will present the proposed changes in Idaho Code § 54-5015 with regard to the topic “Definition of Plumbing System--Liquid and Fuel Gas Piping” to the HVAC Board at its May 16th meeting.

◆ **Proposed Mechanical License**

As stated by Gilbert Pond, the topic “Proposed Mechanical License” was addressed at the February 2012 meeting. At that time the Board did not want to start-up a mechanical license; therefore, the issue was tabled.

ACTION: The topic “Proposed Mechanical License” will be removed from the agenda until further notice.

◆ **Renting of Contractor Licenses**

The subcommittee came up with a proposal to create a master plumber license. Each company would retain a master plumber on staff to purchase permits. To be eligible for the master exam, an individual would have completed the four-year-apprenticeship program, and have been a journeyman for two and a half years.

At the Treasure Valley Master Plumbers Association meeting on March 21, 2012, Kenny Calkins addressed the subcommittee’s idea. As of today, Mr. Calkins has not received any written input, nor received any opposition to the proposal.

Steve Keys suggested, and the Board agreed to consider, all dealings with the Division and other authorities having jurisdiction be in the contractor’s name, not the business name.

Milford Terrell requested the subcommittee, with legal counsel’s assistance; look into something that identifies with the individual rather than the business.

ACTION: Dan Long will schedule a meeting with the subcommittee and Patrick Grace to discuss the topic “Renting of Contractor License”; bringing additional information to the July 2012 Board meeting.

◆ **CEU Training for Plumbing Contractors**

Gilbert Pond presented a proposal that would establish criteria for continuing education. The Board would be responsible for approving the instructors and courses at regular Board meetings.

The Board will continue to work on this topic; determining what the criteria will include and come up with a way to fund it.

ACTION: Gilbert Pond to address the topic “CEU Training for Plumbing Contractors” at the July 2012 meeting.

◆ **Plumbing Program Manager Report**

Idaho State Plumbing Code (ISPC) – The new code will be available mid-June or early July 2012. The Division will have one hard copy available at each of its three office locations in Coeur d’Alene, Pocatello, and Meridian, and on its website <http://dbs.idaho.gov>.

The effective date of the legislation is July 1, 2012. There will be a six-month soft implementation period. Therefore, the enforcement date of the ISPC will be January 1, 2013.

◆ **Operational Report**

In the interest of time, Steve Keys deferred his report to the July meeting.

◆ **Administrator Report**

Expenditures – The Division continues to reduce expenditures. It is with hope the plumbing industry has bottomed out from the current economic times.

Chobani Yogurt Company – New York-based Chobani plans to build a Greek yogurt production plant in southeast Twin Falls.

Areva – It is anticipated construction on the uranium enrichment plant will begin sometime this year, 2012.

Meridian City – The Division continues to provide electrical inspections for the city of Meridian.

Transportation – In the past, there had been mention of a Chinese/U.S. joint venture to possibly build electrical busses in the Treasure Valley. It now appears the contract may go to the city of Windsor, Ontario, Canada.

Years of Service – Janice Foster, Deputy Administrator of Administration, has been an employee with the state of Idaho for 38 years. Ms. Foster will retire the middle of May 2012.

◆ **Old/New Business**

High-Density Polyethylene – The city of Boise has been in contact with the DBS for clarification on the use of high-density polyethylene (HDPE). The Board has approved polyethylene and polypropylene, i.e., ‘Aquatherm’. Polyethylene is a fitting-based pipe allowed as a water service line into the building. The issue comes down to joints under the slab. John Nielsen will look further into the issue; coming back to the Board with his findings.

ACTION: The topic “High-Density Polyethylene” to be brought back to the July meeting as an informational item.

◆ **Executive Session**

An executive session was not required.

MOTION: Dan Long made a motion to adjourn the meeting. Gilbert Pond seconded. All in favor, motion carried. The meeting adjourned at 2:25 p.m. (MT).

MILFORD TERRELL CHAIRMAN
IDAHO PLUMBING BOARD

C. KELLY PEARCE, ADMINISTRATOR
DIVISION OF BUILDING SAFETY

DATE

07/03/2012rb

DATE

DRAFT

IDAHO PLUMBING BOARD

Agenda Item No. 03a

Two Rivers LLC – NOV PLB1205-0035

PRESENTER: John Nielsen, Plumbing Program Manager

OBJECTIVE: Administer a ruling on the Two Rivers LLC appeal –
NOV PLB1205-0035

ACTION: Affirm, reject, decrease or increase the imposed penalty.

BACKGROUND: The Notice of Violation was issued based upon a proposed violation to IDAPA 07.02.07.011.01 “Plumbing Contractor”.

**PROCEDURAL
HISTORY:**

ATTACHMENTS: Documentation from Two Rivers LLC and the Division of Building Safety





Building a Safer Idaho

C.L. "BUTCH" OTTER
Governor
C. Kelly Pearce
Administrator

1090 East Watertower Street, Suite 150
Meridian, Idaho 83642
Main # 1-800-955-3044
Fax # 1-877-810-2840
dbs.idaho.gov

July 3, 2012

CERTIFIED MAIL
RECEIPT NO. 7007 0710 0002 8004 2617

Todd Lambert
Two Rivers LLC
25 West 450 North
Blackfoot, ID 83221

Dear Mr. Lambert:

This is to inform you that the appeal hearing for Two Rivers LLC, Notice of Violation PLB1205-0035 is scheduled before the Idaho Plumbing Board on Thursday, July 26, 2012, at the Division of Building Safety. The meeting will be held at 1090 East Watertower Street, Suite 150, Meridian, as well as via videoconference at the Division's other Idaho offices: 1250 Ironwood Drive, Suite 220, Coeur d'Alene; and 2055 Garrett Way, Building 1, Suite 4, Pocatello.

Enclosed for your information is a tentative agenda for the Board meeting. This appeal is your opportunity to address the Board in regard to your issues and objections of the Notice of Violation. Your appeals presentation has been scheduled (*tentatively*) between the hours of 9:30 a.m. and 12:00 p.m. (MT). The Board and Division appreciate your acknowledgement of the time given, as there are many issues for the Board to address and discuss.

Please contact me at (208) 332-7137 or renee.bryant@dbs.idaho.gov to confirm whether you plan to attend the public meeting in person at the Division's Meridian office, appear via videoconference at either the DBS Pocatello or Coeur d'Alene office or need a teleconference call set up to address the Board.

If you have any questions, don't hesitate to contact me.

Sincerely,

COPY

RENEE BRYANT
Administrative Assistant 2/Board Support

Enclosure

c: C. Kelly Pearce, Administrator
Steve Keys, Deputy Administrator, Operations
Patrick Grace, Deputy Attorney General
Idaho Plumbing Board Members



State of Idaho
DIVISION OF BUILDING SAFETY

Exhibit B

Building a Safer Idaho

C.L. "BUTCH" OTTER
Governor
C. Kelly Pearce
Administrator

1090 East Watertower Street, Suite 150
Meridian, Idaho 83642
1-800-955-3044
dbs.idaho.gov

6/14/2012

Two Rivers LLC
TODD LAMBERT
23 W 450 N
BLACKFOOT, ID 83221

CERTIFIED MAIL RECEIPT NO: 7011 1150 0002 0192 1308
CASE ADDRESS: 4530 ANDCO, IDAHO FALLS, ID
CASE NO: PLB1205-0035

COPY
ORIGINAL SENT
CERTIFIED MAIL

Dear Two Rivers LLC:

The Division of Building Safety has issued a Civil Penalty to you on 5/18/2012, for the following violations:

PLB .01 Unlicensed Contractor Except as provided by Section 54-2602, Idaho Code, any person who acts, or purports to act as a plumbing contractor, as defined by Section 54-2611(a), Idaho Code, without a valid Idaho state certificate of competency authorizing him to do so shall be subject to a civil penalty of not more than five hundred dollars (\$500) for the first offense and a civil penalty of not more than one thousand dollars (\$1,000) for each offense thereafter.

Pursuant to Idaho Code §54-1017, you are hereby assessed a civil penalty, as established by the above administrative rule, in the amount of \$300.00 for this violation. The civil penalty is due and payable within ten (10) days of receipt of this letter.

You may contest the penalty by submitting a deposit in the amount of the penalty along with a written notice requesting an appeals hearing, the request for appeal form is included with this letter. The request for appeal must be postmarked no later than ten (10) days from receipt of this letter. Any party aggrieved by the final action of the Board shall be entitled to judicial review thereof in accordance with the provision of Idaho Code, Chapter 52, Title 67.

If you have any questions regarding this matter, please contact the Division of Building Safety at (800) 955-3044.

Sincerely,

MIKE DAVIS
Inspector Support

RECEIVED

JUN 25

DIVISION OF BUILDING SAFETY



State of Idaho
DIVISION OF BUILDING SAFETY

Exhibit C

C.L. "BUTCH" OTTER
Governor
C. Kelly Pearce
Administrator

1090 East Watertower Street, Suite 150
Meridian, Idaho 83642
Ph: 1-800-955-3044
Fax: 1-877-810-2840
dbs.idaho.gov

NOTICE OF VIOLATION APPEAL REQUEST

Any appeal, if you choose to appeal, must be sent to the Division of Building Safety no later than 10 days after receiving the Notice of Violation.

NAME: Two Rivers Const. Todd Lambert

CASE NO: PLB1205-0035

REASON FOR APPEAL: Provide a detailed report of why you are appealing and attach any necessary documentation that would support your case. You may attach additional sheets of paper if needed. The request may be faxed to 877-810-2840 or emailed to: customer.service@dbs.idaho.gov If you fax or email your appeal, please include complete and include the credit card authorization form.

NOTE: ANY APPEAL MUST BE ACCOMPANIED WITH THE CIVIL PENALTY AS A DEPOSIT.

We were unaware a licensed plumber needed to re-connect existing Floor Drain.

1

PRINTED NAME

SIGNATURE

DATE

Rev 1/22/2012

TENTATIVE AGENDA

NOTICE OF PUBLIC MEETING

***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, July 26, 2012
9:30 a.m. – 3:30 p.m. (MT)***

(Note: Meeting commences at 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 July 26, 2012 Agenda
2. Approval of the May 10, 2012 Board Meeting Minutes

ACTION AGENDA

3. Administrative Appeals Hearing – John Nielsen
 - a. Two Rivers LLC – NOV PLB1205-0035
4. Public Testimony – Update the Administrative Rules to Reflect the Adoption of the Idaho State Plumbing Code
 - a. Inspections of Gray Water Systems – A. J. Maupin
 - b. Color Definition of Inspection Tags – John Nielsen
5. Commercial Plumbing -- Idaho Code § 54-2602 – John Nielsen
6. CEU Training for Plumbing Contractors – Gilbert Pond

INFORMATIONAL AGENDA

7. Definition of Plumbing System -- Liquid and Fuel Gas Piping – Gilbert Pond

8. Renting of Contractor Licenses – John Nielsen and Dan Long
9. Master Plumber License – John Nielsen and Kenny Calkins
10. High Density Polyethylene – John Nielsen
11. Contractor Licensing Requirement for “Big Box” Vendors – Steve Keys

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

1:00 p.m.

12. Plumbing Program Manager Report – John Nielsen
13. Operational Report – Steve Keys
14. 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. 07/02/12r

Exhibit E

7007 0710 0002 8004 2617

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com®

OFFICIAL USE

Postage	\$	7/3/12
Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		

Postmark
Here

Total Post: _____

Sent To: **TODD LAMBERT**

Street, Apt. 1
or PO Box #: **TWO RIVERS LLC**

City, State, ZIP: **23 WEST 450 NORTH**
BLACKFOOT ID 83221

(5/18/2012 2:34 PM MCA)

I Mike Carter and Adam Bowcutt were driving by 4530 Andco Dr Idaho Falls Idaho and seen work being done so we stopped by and talked to 2 of Todd's employees and they told us that their boss Todd Lambert owner of Two Rivers LLC did the plumbing. then we called Todd and he said he would be there in just a few minutes we waited and when he pulled up we asked him about a permit. he told us he didn't need a permit and has never permitted these remodels before then Todd told us how he ran all the plumbing piping under ground inside and outside the building Adam and I explained to him that he needed to hire a licensed plumbing contractor to do the work inside building.

IDAHO PLUMBING BOARD

Agenda Item No. 04a Update Admin. Rules to Reflect the Adoption of ISPC

PRESENTER: John Nielsen, Plumbing Program Manager

OBJECTIVE: Update the administrative rules to reflect the adoption of the Idaho State Plumbing Code (ISPC).

ACTION: Vote to accept, reject, or modify changes to the administrative rules with regard to the ISPC.

BACKGROUND:

PROCEDURAL HISTORY: As required by the negotiated rulemaking process, this is the second meeting held for public testimony.

ATTACHMENTS: IDAPA 07.02.06



IDAPA 07
TITLE 02
CHAPTER 06

07.02.06 - RULES CONCERNING ~~UNIFORM~~ IDAHO STATE PLUMBING CODE

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 07.02.06, "Rules Concerning ~~Uniform~~ Idaho State Plumbing Code," Division of Building Safety. These rules prescribe the use of the ~~Uniform~~ Idaho State Plumbing Code. (2-26-93)

002. WRITTEN INTERPRETATIONS.

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

003. ADMINISTRATIVE APPEALS.

This chapter does not provide for administrative relief of the provisions contained herein. (2-26-93)

004. -- 010. (RESERVED).

011. ADOPTION AND INCORPORATION BY REFERENCE OF THE ~~2003-UNIFORM-IDAHO STATE~~ PLUMBING CODE.

The ~~2003-Uniform-Idaho State~~ Plumbing Code, including Appendices "A, B, D, E, ~~G, H~~, I, J, and L," (herein ~~U.P.C.~~I.S.P.C.) is adopted and incorporated by reference with ~~the following~~ amendments as prescribed by the Idaho plumbing board and contained herein this section. The Idaho State Plumbing Code is modeled after the 2009 Uniform Plumbing Code. The ~~2003-Uniform-Idaho State~~ Plumbing Code is available for review at the Division of Building Safety offices located at: 1090 E. Watertower St., Suite 150, Meridian, Idaho 83642 and at the Division of Building Safety, 1250 Ironwood Dr., Ste. 220, Coeur d'Alene, Idaho 83814, and 2055 Garrett Way, Building 1 Suite 4, Pocatello, Idaho 83201. It may also be accessed electronically on-line in read-only format at: <http://dbs.idaho.gov/>. (4-6-05)

01. Section 218. Delete definition of "Plumbing System." Incorporate definition of "Plumbing System" as set forth in Section 54-2604, Idaho Code. (3-15-02)

02. Section 315.4. Add: Where unsuitable or soft material is encountered, excavate to a depth not less than two (2) pipe diameters below the pipe and replace with select backfill. Such backfill shall be sand, fine gravel or stone and shall provide lateral support for the pipe. Where rock is encountered, the trench shall be excavated to a minimum depth of six (6) inches (152 mm) below the bottom of the pipe. Sand shall be added to provide uniform bedding and support for the pipe. The pipe shall not rest on any rock at any point, including joints. (x-x-13)

0203. Section 316.1.6 Solvent Cement Plastic Pipe Joints. PVC DWV may be joined by the use of one-step solvent cement listed or labeled per U.P.C. Section 301.1.1. (4-6-05)

04. Section 402.4 Metered Faucets. Self-closing or self-closing metering faucets ~~shall~~ may be installed on lavatories intended to serve the transient public, such as those in, but not limited to, service stations, train stations, airports, restaurants, convention halls, and rest stops. Installed metered faucets shall deliver a maximum of 0.26 gallons (1.0 liter) of water per use. (x-x-13)

05. 412.0 Minimum Number of Required Fixtures.

412.1 Fixture Count. Plumbing fixtures shall be provided for the type of building occupancy and in the minimum number shown in Table ~~4+~~ 412.1. The total occupant load and occupancy classification shall be determined in accordance with the building code. Occupancy classification not shown in Table 412.1 shall be considered separately by the Authority Having Jurisdiction. The minimum number of fixtures shall be calculated at 50 percent male and 50 percent female based on the total occupant load. Where information submitted indicates a difference in distribution of the sexes such information shall be used in order to determine the

number of fixtures for each sex. Once the occupancy load and occupancy are determined, Table 412.1 shall be applied to determine the minimum number of plumbing fixtures required. Where applying the fixture ratios in Table 412.1 results in fractional numbers, such numbers shall be rounded to the next whole number. For multiple occupancies, fractional numbers shall be first summed and then rounded to the next whole number.

412.1.1 Family or Assisted-Use Toilet and Bathing Facilities. Where family or assisted-use toilet and bathing rooms are required, in applicable building regulations, the facilities shall be installed in accordance with those regulations.

412.2 Access to Fixtures.

412.2.1 In multi-story buildings, accessibility to the required fixtures shall not exceed one (1) vertical story.

412.2.2 Fixtures accessible only to private offices shall not be counted to determine compliance with this section.

412.3 412.2 Separate Facilities. Separate toilet facilities shall be provided for each sex.

Exceptions:

(1) Residential installations.

(2) In occupancies servicing ten (10) or fewer people, one (1) toilet facility, designed for use by no more than one (1) person with a total occupant load of 15 or less, including customers and employees, one toilet facility, designed for use by no more than one person at a time, shall be permitted for use by both sexes.

(3) In business and mercantile occupancies with a total floor area of fifteen hundred (1,500) square feet (139.4 m²) or less, one (1) toilet facility, designed for use by no more than one (1) person at a time, shall satisfy the requirements for serving customers and employees of occupant load of 50 or less including customers and employees, one toilet facility, designed for use by no more than one person at a time, shall be permitted for use by both sexes.

412.4 412.3 Fixture Requirements for Special Occupancies. 412.4.1 Additional fixtures ~~may~~ shall be permitted to be required when where unusual environmental conditions or referenced activities are encountered. In food preparation areas, fixture requirements shall be permitted to be dictated by health codes.

412.4.2 In food preparation areas, fixture requirements may be dictated by health codes.

412.4.3 Types of occupancy not shown in Table 4-1 shall be considered individually by the Authority Having Jurisdiction.

412.5 Facilities in Mercantile and Business Occupancies Serving Customers.

412.5.1 Requirements for customers and employees shall be permitted to be met with a single set of restrooms accessible to both groups. The required number of fixtures shall be the greater of the required number for employees or the required number for customers.

412.5.2 Fixtures for customer use shall be permitted to be met by providing a centrally located facility accessible to several stores. The maximum distance from entry to any store to this facility shall not exceed five hundred (500) feet (152.4 m).

412.5.3 In stores with a floor area of one hundred and fifty (150) square feet (13.9 m²) or less, the requirement to provide facilities for employees shall be permitted to be met by providing a centrally located facility accessible to several stores. The maximum distance from entry to any store to this facility shall not exceed three hundred (300) feet (91.4 m).

412.4 Toilet Facilities Serving Employees and Customers. Each building or structure shall be provided with toilet facilities for employees and customers. Requirements for customers and employees shall be permitted to be met with a single set of restrooms accessible to both groups.

Required toilet facilities for employees and customers located in shopping malls or centers shall be permitted to be met by providing a centrally located toilet facility accessible to several stores. The maximum travel distance from entry to any store to the toilet facility shall not exceed 300 feet (91 440 mm).

Required toilet facilities for employees and customers in other than shopping malls or centers shall have a maximum travel distance not to exceed 500 feet (152.4 m).

412.4.1 Access to Toilet Facilities. In multi-story buildings, accessibility to the required toilet facilities shall not exceed one vertical story. Access to the required toilet facilities for customers shall not pass through areas designated as for employee use only

such as kitchens, food preparation areas, storage rooms, closets, or similar spaces. Toilet facilities accessible only to private offices shall not be counted to determine compliance with this section.

~~412.6~~ **412.5 Toilet Facilities for Workers.** ~~Suitable~~ Toilet facilities shall be provided and maintained in a sanitary condition for the use of workers during construction. (X-X-XX)

~~03. Section 402.3.1. Nonwater Urinals. Where nonwater urinals are installed they shall be listed and comply with the applicable standards referenced in Table 14-1. Nonwater urinals shall have a barrier liquid sealant to maintain a trap seal. Nonwater urinals shall permit the unimpeded flow of waste through the urinal to the sanitary drainage system. Nonwater urinals shall be cleaned and maintained in accordance with the manufacturer's instructions. Where nonwater urinals are installed they shall have a water distribution line rough-in to the urinal location to allow for the installation of an approved backflow prevention device in the event of a retrofit. (5-8-09)~~

~~056. Section 421.0. 414.5 Limitation of Hot Water in Bathtubs and Whirlpool Bathtubs.~~ Delete. (4-6-05)

~~047. Section 420.018.~~ Pressure balance or thermostatic mixing valves are not required for high flow (over eight (8) g.p.m.) tub filler valves with hand shower sets attached. (3-15-02)

Table 4-1
Minimum Plumbing Facilities¹

~~Each building shall be provided with sanitary facilities, including provisions for persons with disabilities as prescribed by the Department Having Jurisdiction. Table 4-1 applies to new buildings, additions to a building, and changes of occupancy or type in an existing building resulting in increased occupant load. Exception: New cafeterias used only by employees.~~

~~The total occupant load shall be determined in accordance with the Building Code. The type of building or occupancy shall be determined based on the actual use of the various spaces within the building. Building categories not shown in Table 4-1 shall be considered separately by the Authority Having Jurisdiction. The minimum number of fixtures shall be calculated at 50 percent male and 50 percent female based on the total occupant load.~~

~~Once the occupant load and uses are determined, the requirements of Section 412.0 and Table 4-1 shall be applied to determine the minimum number of plumbing fixtures required.~~

Type of Building ² or Occupancy	Water Closets ¹⁴ (Fixtures per Person)	Urinals ^{5,10} (Fixtures per Person)	Lavatories (Fixtures per Person)	Bathtubs or Showers (Fixtures per Person)	Drinking ^{3,7} Fountains (Fixtures per Person)
Assembly places— theatres, auditoriums, convention halls, etc.—for permanent employee use	Male 1: 1-15 2: 16-35 3: 36-55 Female 1: 1-15 3: 16-35 4: 36-55 Over 55, add 1 fixture for each additional 40 persons.	Male 0: 1-9 1: 10-50 Add one fixture for each additional 50 males.	Male 1 per 40 Female 1 per 40		
Assembly places— theatres, auditoriums, convention halls, etc.—for public use	Male 1: 1-100 2: 101-200 3: 201-400 Female 3: 1-50 4: 51-100 8: 101-200 11: 201-400 Over 400, add one fixture for each additional 500 males and 1 for each additional 125 females.	Male 1: 1-100 2: 101-200 3: 201-400 4: 401-600 Over 600, add 1 fixture for each additional 300 males.	Male 1: 1200 2: 201-400 3: 401-750 Female 1: 1-200 2: 201-400 3: 401-750 Over 750, add one fixture for each additional 500 persons.		1: 1-150 2: 151-400 3: 401-750 Over 750, add one fixture for each additional 500 persons.
Dormitories ⁹ — School or labor ¹⁶	Male 1 per 10 Female 1 per 8 Add 1 fixture for each additional 25 males (over 10) and 1 for each additional 20 females (over 8).	Male 1 per 25 Over 150, add 1 fixture for each additional 50 males.	Male 1 per 12 Female 1 per 12 Over 12, add one fixture for each additional 20 males and 1 for each 15 additional females.	1 per 8 For females, add 1 bathtub per 30. Over 150, add 1 bathtub per 20.	1 per 150 ¹²
Dormitories—for staff use ¹⁶	Male 1: 1-15 2: 16-35 3: 36-55 Female 1: 1-15 3: 16-35 4: 36-55 Over 55, add 1 fixture for each additional 40 persons.	Male 1 per 50	Male 1 per 40 Female 1 per 40	1 per 8	
Dwellings ⁴ Single dwelling Multiple dwelling or apartment house ¹⁶	1 per dwelling 1 per dwelling or apartment unit		1 per dwelling 1 per dwelling or apartment unit	1 per dwelling 1 per dwelling or apartment unit	
Hospital waiting rooms	1 per room		1 per room		1 per 150 ¹²
Hospitals—for employee use	Male 1: 1-15 2: 16-35 3: 36-55 Female 1: 1-15 3: 16-35 4: 36-55 Over 55, add 1 fixture for each additional 40 persons.	Male 0: 1-9 1: 10-50 Add one fixture for each additional 50 males.	Male 1 per 40 Female 1 per 40		

Type of Building ² or Occupancy	Water Closets ¹⁴ (Fixtures per Person)		Urinals ^{5,10} (Fixtures per Person)	Lavatories (Fixtures per Person)		Bathtubs or Showers (Fixtures per Person)	Drinking Fountains ^{3,13,17} (Fixtures per Person)
Hospitals Individual room Ward room	1 per room 1 per 8 patients			1 per room 1 per 10 patients		1 per room 1 per 20 patients	1 per 150 ¹²
Industrial ⁶ warehouses; workshops; foundries; and similar establishments—for employee use	Male 1: 1-10 2: 11-25 3: 26-50 4: 51-75 5: 76-100 Over 100, add 1 fixture for each additional 30 persons.	Female 1: 1-10 2: 11-25 3: 26-50 4: 51-75 5: 76-100		Up to 100, 1 per 10 persons Over 100, 1 per 15 persons ^{7,8}		1 shower for each 15 persons exposed to excessive heat or to skin contamination with poisonous, infectious or irritating material	1 per 150 ¹²
Institutional— other than hospitals or penal institutions (on each occupied floor)	Male 1 per 25	Female 1 per 20	Male 0: 1-9 1: 10-50 Add one fixture for each additional 50 males.	Male 1 per 10	Female 1 per 10	1 per 8	1 per 150 ¹²
Institutional— other than hospitals or penal institutions (on each occupied floor)— for employee use	Male 1: 1-15 2: 16-35 3: 36-55 Over 55, add 1 fixture for each additional 40 persons.	Female 1: 1-15 3: 16-35 4: 36-55	Male 0: 1-9 1: 10-50 Add one fixture for each additional 50 males.	Male 1 per 40	Female 1 per 40	1 per 8	1 per 150 ¹²
Office or public buildings	Male 1: 1-100 2: 101-200 3: 201-400 Over 400, add one fixture for each additional 500 males and 1 for each additional 150 females.	Female 3: 1-50 4: 51-100 8: 101-200 11: 201-400	Male 1: 1-100 2: 101-200 3: 201-400 4: 401-600 Over 600, add 1 fixture for each additional 300 males.	Male 1: 1-200 2: 201-400 3: 401-750	Female 1: 1-200 2: 201-400 3: 401-750		1 per 150 ¹²
Office or public buildings—for employee use	Male 1: 1-15 2: 16-35 3: 36-55 Over 55, add 1 fixture for each additional 40 persons.	Female 1: 1-15 3: 16-35 4: 36-55	Male 0: 1-9 1: 10-50 Add one fixture for each additional 50 males.	Male 1 per 40	Female 1 per 40		
Penal institutions —for employee use	Male 1: 1-15 2: 16-35 3: 36-55 Over 55, add 1 fixture for each additional 40 persons.	Female 1: 1-15 3: 16-35 4: 36-55	Male 0: 1-9 1: 10-50 Add one fixture for each additional 50 males.	Male 1 per 40	Female 1 per 40		1 per 150 ¹²
Penal institutions —for prison use Cell Exercise room	1 per cell 1 per exercise room		Male 1 per exercise room	1 per cell 1 per exercise room			1 per cell block floor 1 per exercise room

Type of Building ² or Occupancy	Water Closets ¹⁴ (Fixtures per Person)	Urinals ^{5,10} (Fixtures per Person)	Lavatories (Fixtures per Person)	Bathtubs or Showers (Fixtures per Person)	Drinking ^{3,13,17} Fountains (Fixtures per Person)
Public or professional offices ¹⁵	Same as Office or Public Buildings for employee use ¹⁵	Same as Office or Public Buildings for employee use ¹⁵	Same as Office or Public Buildings for employee use ¹⁵		Same as Office or Public Buildings for employee use ¹⁵
Restaurants, pubs, and lounges ^{11,15}	Male 1: 1-50 2: 51-150 3: 151-300 Female 1: 1-50 2: 51-150 4: 151-300 Over 300, add 1 fixture for each additional 200 persons.	Male 1: 1-150 Over 150, add 1 fixture for each additional 150 males.	Male-Female 1: 1-150 1: 1-150 2: 151-200 2: 151-200 3: 201-400 3: 201-400 Over 400, add 1 fixture for each additional 400 persons.		
Retail or Wholesale Stores	Male 1: 1-100 2: 101-200 3: 201-400 Female 1: 1-25 2: 26-100 4: 101-200 6: 201-300 8: 301-400 Over 400, add one fixture for each additional 500 males and one for each 150 females	Male 0: 0-25 1: 26-100 2: 101-200 3: 201-400 4: 401-600 Over 600, add one fixture for each additional 300 males	1 per 2 water closets		0: 1-30 ¹⁷ 1: 31-150 One additional drinking fountain for each 150 persons thereafter
Schools—for staff use All schools	Male 1: 1-15 2: 16-35 3: 36-55 Over 55, add 1 fixture for each additional 40 persons.	Male 1 per 50	Male 1 per 40 Female 1 per 40		
Schools—for student use Nursery	Male 1: 1-20 2: 21-50 Over 50, add 1 fixture for each additional 50 persons.		Male 1: 1-25 2: 26-50 Female 1: 1-25 2: 26-50 Over 50, add 1 fixture for each additional 50 persons.		1 per 150 ¹²
Elementary	Male 1 per 30 Female 1 per 25	Male 1 per 75	Male 1 per 35 Female 1 per 35		1 per 150 ¹²
Secondary	Male 1 per 40 Female 1 per 30	Male 1 per 35	Male 1 per 40 Female 1 per 40		1 per 150 ¹²
Others (colleges, universities, adult centers, etc.)	Male 1 per 40 Female 1 per 30	Male 1 per 35	Male 1 per 40 Female 1 per 40		1 per 150 ¹²
Worship places educational and activities Unit	Male 1 per 150 Female 1 per 75	Male 1 per 150	1 per 2 water closets		1 per 150 ¹²
Worship places principal assembly place	Male 1 per 150 Female 1 per 75	Male 1 per 150	1 per 2 water closets		1 per 150 ¹²

- ¹—~~The figures shown are based upon one (1) fixture being the minimum required for the number of persons indicated or any fraction thereof.~~
- ²—~~Building categories not shown on this table shall be considered separately by the Authority Having Jurisdiction.~~
- ³—~~Drinking fountains shall not be installed in toilet rooms.~~
- ⁴—~~Laundry trays. One (1) laundry tray or one (1) automatic washer standpipe for each dwelling unit or one (1) laundry tray or one (1) automatic washer standpipe, or combination thereof, for each twelve (12) apartments. Kitchen sinks, one (1) for each dwelling or apartment unit.~~
- ⁵—~~For each urinal added in excess of the minimum required, one water closet shall be permitted to be deducted. The number of water closets shall not be reduced to less than two thirds (2/3) of the minimum requirement.~~
- ⁶—~~As required by PSAL Z4.1, Sanitation in Places of Employment.~~
- ⁷—~~Where there is exposure to skin contamination with poisonous, infectious, or irritating materials, provide one (1) lavatory for each five (5) persons.~~
- ⁸—~~Twenty four (24) lineal inches (610 mm) of wash sink or eighteen (18) inches (457 mm) of a circular basin, when provided with water outlets for such space, shall be considered equivalent to one (1) lavatory.~~
- ⁹—~~Laundry trays, one (1) for each fifty (50) persons. Service sinks, one (1) for each hundred (100) persons.~~
- ¹⁰—~~General. In applying this schedule of facilities, consideration shall be given to the accessibility of the fixtures. Conformity purely on a numerical basis may not result in an installation suited to the needs of the individual establishment. For example, schools should be provided with toilet facilities on each floor having classrooms.~~
- ~~a. Surrounding materials, wall, and floor space to a point two (2) feet (610 mm) in front of urinal lip and four (4) feet (1,219 mm) above the floor, and not less than two (2) feet (610 mm) to each side of the urinal shall be lined with non-absorbent materials.~~
- ~~b. Trough urinals shall be prohibited.~~
- ¹¹—~~A restaurant is defined as a business that sells food to be consumed on the premises.~~
- ~~a. The number of occupants for a drive-in restaurant shall be considered as equal to the number of parking stalls.~~
- ~~b. Hand-washing facilities shall be available in the kitchen for employees.~~
- ¹²—~~Where food is consumed indoors, water stations shall be permitted to be substituted for drinking fountains. Offices, or public buildings for use by more than six (6) persons shall have one (1) drinking fountain for the first one hundred fifty (150) persons and one (1) additional fountain for each three hundred (300) persons thereafter.~~
- ¹³—~~There shall be at least one (1) drinking fountain per occupied floor in schools, theatres, auditoriums, dormitories, offices, or public buildings.~~
- ¹⁴—~~The total number of water closets for females shall be equal to the total number of water closets and urinals required for males. This requirement shall not apply to Retail or Wholesale Stores.~~
- ¹⁵—~~For smaller type Public and Professional Offices such as banks, dental offices, law offices, real estate offices, architectural offices, engineering offices, and similar uses. A public area in these offices shall use the requirements for Retail or Wholesale Stores.~~
- ¹⁶—~~Recreation or community room in multiple dwellings or apartment buildings, regardless of their occupant load, shall be permitted to have separate single-accommodation facilities in common-use areas within tracts or multi-family residential occupancies where the use of these areas is limited exclusively to owners, residents, and their guests. Examples are community recreation or multi-purpose areas in apartments, condos, townhouses, or tracts.~~
- ¹⁷—~~A drinking fountain shall not be required in occupancies of 30 or less. When a drinking fountain is not required, then footnotes 3, 12, and 13 are not applicable.~~

TABLE 412.1
MINIMUM PLUMBING FACILITIES¹

Each building shall be provided with sanitary facilities, including provisions for persons with disabilities as prescribed by the Department Having Jurisdiction. Table 412.1 applies to new buildings, additions to a building, and changes of occupancy or type in an existing building resulting in increased occupant load.

TYPE OF OCCUPANCY ²	WATER CLOSETS (FIXTURES PER PERSON) ³		URINALS (FIXTURES PER PERSON)	LAVATORIES (FIXTURES PER PERSON)		BATHTUBS OR SHOWERS (FIXTURES PER PERSON)	DRINKING FOUNTAINS/ FACILITIES (FIXTURES PER PERSON)	OTHER
	Male	Female	Male	Male	Female	=		
A-1 Assembly occupancy (fixed or permanent seating)- theatres, concert halls and auditoriums	1: 1-100 2: 101-200 3: 201-400	1: 1-25 2: 26-50 3: 51-100 4: 101-200 6: 201-300 8: 301-400	1: 1-200 2: 201-300 3: 301-400 4: 401-600	1: 1-200 2: 201-400 3: 401-600 4: 601-750	1: 1-100 2: 101-200 3: 201-300 4: 201-300 5: 301-500 6: 501-750	=	1: 1-250 2: 251-500 3: 501-750	1 service sink or laundry tray
	Over 400, add 1 fixture for each additional 500 males and 1 fixture for each additional 125 females.		Over 600, add 1 fixture for each additional 300 males.	Over 750, add 1 fixture for each additional 250 males and 1 fixture for each additional 200 females.			Over 750, add 1 fixture for each additional 500 persons.	
A-2 Assembly occupancy- restaurants, pubs, lounges, night clubs and banquet halls	1: 1-50 2: 51-150 3: 151-300 4: 301-400	1: 1-22: 26-50 53: 51-100 4: 101-200 6: 201-300 8: 301-400	1: 1-200 2: 201-300 3: 301-400 4: 401-600	1: 1-150 2: 151-200 3: 201-400	1: 1-150 2: 151-200 4: 201-400	=	1: 1-250 2: 251-500 3: 501-750	1 service sink or laundry tray
	Over 400, add 1 fixture for each additional 250 males and 1 fixture for each 125 females.		Over 600, add 1 fixture for each additional 300 males.	Over 400, add 1 fixture for each additional 250 males and 1 fixture for each additional 200 females.			Over 750, add 1 fixture for each additional 500 persons.	
A-3 Assembly occupancy (typical without fixed or permanent seating)- arcades, places of worship, museums, libraries, lecture halls, gymnasiums (without spectator seating), indoor pools (without spectator seating)	1: 1-100 2: 101-200 3: 201-400	1: 1-25 2: 26-50 3: 51-100 4: 101-200 6: 201-300 8: 301-400	1: 1-100 2: 101-200 3: 201-400 4: 401-600	1: 1-200 2: 201-400 3: 401-600 4: 601-750	1: 1-100 2: 101-200 4: 201-300 5: 301-500 6: 501-750	=	1: 1-250 2: 251-500 3: 501-750	1 service sink or laundry tray
	Over 400, add 1 fixture for each additional 500 males and 1 fixture for each additional 125 females.		Over 600, add 1 fixture for each additional 300 males.	Over 750, add 1 fixture for each additional 250 males and 1 fixture for each additional 200 females.			Over 750, add 1 fixture for each additional 500 persons.	
A-4 Assembly occupancy (indoor activities or sporting events with spectator seating)- swimming pools, skating rinks, arenas and gymnasiums	1: 1-100 2: 101-200 3: 201-400	1: 1-25 2: 26-50 3: 51-100 4: 101-200 6: 201-300 8: 301-400	1: 1-100 2: 101-200 3: 201-400 4: 401-600	1: 1-200 2: 201-400 3: 401-750	1: 1-100 2: 101-200 4: 201-300 5: 301-500 6: 501-750	=	1: 1-250 2: 251-500 3: 501-750	1 service sink or laundry tray
	Over 400, add 1 fixture for each additional 500 males and 1 fixture for each additional 125 females.		Over 600, add 1 fixture for each additional 300 males.	Over 750, add 1 fixture for each additional 250 males and 1 fixture for each additional 200 females.			Over 750, add 1 fixture for each additional 500 persons.	
A-5 Assembly occupancy (outdoor activities or sporting events)- amusement parks, grandstands and stadiums	1: 1-100 2: 101-200 3: 201-400	1: 1-25 2: 26-50 3: 51-100 4: 101-200 6: 201-300 8: 301-400	1: 1-100 2: 101-200 3: 201-400 4: 401-600	1: 1-200 2: 201-400 3: 401-750	1: 1-100 2: 101-200 4: 201-300 5: 301-500 6: 501-750	=	1: 1-250 2: 251-500 3: 501-750	1 service sink or laundry tray
	Over 400, add 1 fixture for each additional 500 males and 1 fixture for each additional 125 females.		Over 600, add 1 fixture for each additional 300 males.	Over 750, add 1 fixture for each additional 250 males and 1 fixture for each additional 200 females.			Over 750, add 1 fixture for each additional 500 persons.	

<u>TYPE OF OCCUPANCY²</u>	<u>WATER CLOSETS (FIXTURES PER PERSON)³</u>		<u>URINALS (FIXTURES PER PERSON)</u>	<u>LAVATORIES (FIXTURES PER PERSON)</u>		<u>BATHTUBS OR SHOWERS (FIXTURES PER PERSON)</u>	<u>DRINKING FOUNTAINS/FACILITIES (FIXTURES PER PERSON)</u>	<u>OTHER</u>
	Male	Female	Male	Male	Female			
B Business occupancy (office, professional or service type transactions)- banks, vet clinics, hospitals, car wash, banks, beauty salons, ambulatory health care facilities, laundries and dry cleaning, educational institutions (above high school), or training facilities not located within school, post offices and printing shops	Male 1: 1-50 2: 51-100 3: 101-200 4: 201-400	Female 1: 1-15 2: 16-30 3: 31-50 4: 51-100 8: 101-200 11: 201-400	Male 1: 1-100 2: 101-200 3: 201-400 4: 401-600	Male 1: 1-75 2: 76-150 3: 151-200 4: 201-300 5: 301-400	Female 1: 1-50 2: 51-100 3: 101-150 4: 151-200 5: 201-300 6: 301-400	=	1 per 150	1 service sink or laundry tray
	Over 400, add 1 fixture for each additional 500 males and 1 fixture for each additional 150 females.		Over 600, add 1 fixture for each additional 300 males.	Over 400, add 1 fixture for each additional 250 males and 1 fixture for each additional 200 females.				
E Educational occupancy-private or public schools	Male 1 per 50	Female 1 per 30	Male 1 per 100	Male 1 per 40	Female 1 per 40	=	1 per 150	1 service sink or laundry tray
F1, F2 Factory or Industrial occupancy-fabricating or assembly work	Male 1: 1-50 2: 51-75 3: 76-100	Female 1: 1-50 2: 51-75 3: 76-100	=	Male 1: 1-50 2: 51-75 3: 76-100	Female 1: 1-50 2: 51-75 3: 76-100	1 shower for each 15 persons exposed to excessive heat or	1: 1-250 2: 251-500 3: 501-750	1 service sink or laundry tray
	Over 100, add 1 fixture for each additional 40 persons.		=	Over 100, add 1 fixture for each additional 40 persons.		to skin contamination with poisonous, infectious or irritating material.	Over 750, add 1 fixture for each additional 500 persons.	
I-1 Institutional occupancy (houses more than 16 persons on a 24-hour basis)- substance abuse centers, assisted living, group homes, or residential facilities	Male 1 per 15	Female 1 per 15	=	Male 1 per 15	Female 1 per 15	1 per 8	1 per 150	1 service sink or laundry tray
I-2 Institutional occupancy-medical, psychiatric, surgical or nursing homes	Hospitals and nursing homes-individual rooms and ward room		=	1 per room		1 per room	1 per 150	1 service sink or laundry tray
	Hospital Waiting or Visitor Rooms		=	1 per room		=	1 per room	=
	Employee Use	Male 1: 1-15 2: 16-35 3: 36-55	Female 1: 1-15 3: 16-35 4: 36-55	=	Male 1 per 40	Female 1 per 40	=	=
	Over 55, add 1 fixture for each additional 40 persons.							
I-3 Institutional occupancy (houses more than 5 people)	Prisons		=	1 per cell		1 per 20	1 per cell block/floor	=
	Correctional facilities or juvenile center		=	1 per 10		1 per 8	1 per floor	1 service sink or laundry tray
	Employee Use	Male 1: 1-15 2: 16-35 3: 36-55	Female 1: 1-15 3: 16-35 4: 36-55	=	Male 1 per 40	Female 1 per 40	=	1 per 150
	Over 55, add 1 fixture for each additional 40 persons.							

<u>TYPE OF OCCUPANCY²</u>	<u>WATER CLOSETS (FIXTURES PER PERSON)³</u>		<u>URINALS (FIXTURES PER PERSON)</u>	<u>LAVATORIES (FIXTURES PER PERSON)</u>		<u>BATHTUBS OR SHOWERS (FIXTURES PER PERSON)</u>	<u>DRINKING FOUNTAINS/FACILITIES (FIXTURES PER PERSON)</u>	<u>OTHER</u>
I-4 Institutional occupancy (any age that receives care for less than 24 hours)	Male 1: 1-15 2: 16-35 3: 36-55	Female 1: 1-15 3: 16-35 4: 36-55	=	Male 1 per 40	Female 1 per 40	=	1 per 150	1 service sink or laundry tray
	Over 55, add 1 fixture for each additional 40 persons.							
M Mercantile occupancy (the sale of merchandise and accessible to the public)	Male 1: 1-100 2: 101-200 3: 201-400	Female 1: 1-100 2: 101-200 4: 201-300 6: 301-400	Male 0: 1-200 1: 201-400	Male 1: 1-200 2: 201-400	Female 1: 1-200 2: 201-300 3: 301-400	=	1: 1-250 2: 251-500 3: 501-750	1 service sink or laundry tray
	Over 400, add 1 fixture for each additional 500 males and 1 fixture for each 200 females.		Over 400, add 1 fixture for each additional 500 males.	Over 400, add 1 fixture for each additional 500 males and 1 fixture for each 400 females.		=	Over 750, add 1 fixture for each additional 500 persons.	=
R-1 Residential occupancy (minimal stay)- hotels, motels, bed and breakfast homes	1 per sleeping room		=	1 per sleeping room		1 per sleeping room	=	1 service sink or laundry tray
R-2 Residential occupancy (long-term or permanent)	Dormitories	Male 1 per 10 Female 1 per 8	1 per 25	Male 1 per 12	Female 1 per 12	1 per 8	1 per 150	1 service sink or laundry tray
		Add 1 fixture for each additional 25 males and 1 fixture for each additional 20 females.	Over 150, add 1 fixture for each additional 50 males.	Add 1 fixture for each additional 20 males and 1 fixture for each additional 15 females.				
	Employee Use	Male 1: 1-15 2: 16-35 3: 36-55	Female 1: 1-15 3: 16-35 4: 36-55	=	Male 1 per 40	Female 1 per 40	=	=
	Over 55, add 1 fixture for each additional 40 persons							
	Apartment house/unit	1 per apartment	=	1 per apartment		1 per apartment	=	1 kitchen sink per apartment. 1 laundry tray or 1 automatic clothes washer connection per unit or 1 laundry tray or 1 automatic clothes washer connection for each 12 units
R-3 Residential occupancy (long-term or permanent in nature) for more than 5 but does not exceed 16 occupants)	Male 1 per 10	Female 1 per 8	=	Male 1 per 12	Female 1 per 12	1 per 8	1 per 150	1 service sink or laundry tray
	Add 1 fixture for each additional 25 males and 1 fixture for each additional 20 females.			Add 1 fixture for each additional 20 males and 1 fixture for each additional 15 females.				
R-3 Residential occupancy (one and two family dwellings)	1 per one and two family dwelling		=	1 per one and two family dwelling		1 per one and two family dwelling	=	1 kitchen sink and 1 automatic clothes washer connection per one and two family dwelling

TYPE OF OCCUPANCY ²	WATER CLOSETS (FIXTURES PER PERSON) ³		URINALS (FIXTURES PER PERSON)	LAVATORIES (FIXTURES PER PERSON)		BATHTUBS OR SHOWERS (FIXTURES PER PERSON)	DRINKING FOUNTAINS/ FACILITIES (FIXTURES PER PERSON)	OTHER
	Male	Female		Male	Female			
R-4 Residential occupancy (residential care or assisted living)	1 per 10	1 per 8	=	1 per 12	1 per 12	1 per 8	1 per 150	1 service sink or laundry tray
	Add 1 fixture for each additional 25 males and 1 fixture for each additional 20 females.			Add 1 fixture for each additional 20 males and 1 fixture for each additional 15 females.				
S-1, S-2 Storage occupancy-storage of goods, warehouse, aircraft hanger, food products, appliances	Male 1: 1-100 2: 101-200 3: 201-400	Female 1: 1-100 2: 101-200 3: 201-400	=	Male 1: 1-200 2: 201-400 3: 401-750	Female 1: 1-200 2: 201-400 3: 401-750	=	1: 1-250 2: 251-500 3: 501-750	1 service sink or laundry tray
	Over 400, add 1 fixture for each additional 500 males and 1 fixture for each additional 150 females.			Over 750, add 1 fixture for each additional 500 persons.			Over 750, add 1 fixture for each additional 500 persons.	

Notes:

¹ The figures shown are based upon one fixture being the minimum required for the number of persons indicated or any fraction thereof.

² A restaurant is defined as a business that sells food to be consumed on the premises.

a. The number of occupants for a drive-in restaurant shall be considered as equal to the number of parking stalls.

b. Hand-washing facilities shall be available in the kitchen for employees.

³ The total number of required water closets for females shall be not less than the total number of required water closets and urinals for males.

08. Section 504.1 Inspection of Chimneys or Vents. Add the following to the end of section 504.1: Water heating appliances using Category 3 or 4 exhaust venting shall be tested in its entirety with five (5) pounds of air for fifteen (15) minutes. Plastic vents shall be constructed using manufacturer's instructions. (x-x-13)

09. Section 505.1 Location. Add the following paragraph at the end of section 505.1: (3) Water heaters shall not be located in a crawl space. (x-x-13)

10. Section 508.14 Installation in Residential Garages. Replace 508.14 (1) with the following: Any plumbing appliance or appurtenance in residential garages and in adjacent spaces that open to the garage and are not part of the living space of a dwelling unit shall be installed so that burners, burner-ignition devices or other sources of ignition are located not less than eighteen (18) inches (450 mm) above the floor unless listed as flammable vapor ignition resistant. (x-x-13)

11. 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). (x-x-13)

0612. 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)

13. Section 609.1 Installation. Water service yard piping shall be not less than ~~twelve (12) inches (305 mm) below the average local frost depth~~ **forty two (42) inches (1068 mm) below grade.** The cover shall be not less than twelve (12) inches (305 mm) below finish grade. (X-X-XX)

0714. Section 609.4 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. (4-6-05)

0815. Section 609.10 Water Hammer. Does not apply to residential construction. (7-1-98)

0916. Table 6-45 and 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. (3-15-02)

1017. Section 610.2. 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. (3-30-07)

1118. ~~Section 611.4 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. (4-6-05)

1219. ~~Table 7-3 Drainage Fixture Unit Valves (DFU). Maximum unit loading and maximum length of drainage and vent piping. (EXCEPTION) The building drain and building sewer is not less than four (4) inches extending from its connection with the city or private sewer system and shall run full size to inside the foundation or building lines (ref: Section 717.0).~~ Change fixture unit loading value for clothes washers, domestic to two (2) fixture units. (3-15-02)

1320. ~~Section 703.1 - Underground Drainage and Vent Piping.~~ 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. (3-15-02)

1421. ~~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)

1522. ~~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)

1623. ~~Section 704.3.~~ Delete. (5-3-03)

1724. ~~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)

25. 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. (x-x-13)

1826. ~~Section 707.4 Cleanouts.~~ A full-sized accessible cleanout shall be installed in the vertical immediately above the floor or at the base of each waste or soil stack. A full-size cleanout extending to or above finished grade line shall be installed at the junction of the building drain and the building sewer (ref.: Section 719.1). Cleanouts shall be installed at fifty (50) foot intervals in horizontal drain lines two (2) inches or smaller. (3-15-02)

27. Section 710.9 Add: Exception: One (1) pump shall be permitted for "public use" occupancies provided that such tank receives the discharge of not more than one (1) water closet and ten fixture units. (x-x-13)

1928. ~~Section 712.1 Media.~~ In the first sentence, delete the phrase "except that plastic pipe shall not be tested with air." (4-6-05)

29. Section 717.0 Size of Building Sewers. Add the following to the end of section 717.0: Exception: The building drain and building sewer is not less than four (4) inches extending from its connection with the city or private sewer system and shall run full size to inside the foundation or building lines. (x-x-13)

2030. ~~Section 801.2.3.:~~ Food preparation sinks, pot sinks, scullery sinks, dishwashing sinks, silverware sinks, commercial dishwashing machines, silverware-washing machines, steam kettles, potato peelers, ice cream dipper wells, and other similar equipment and fixtures must be indirectly connected to the drainage system by means of an air gap. The piping from the equipment to the receptor must not be smaller than the drain on the unit, but it must not be smaller than one (1) inch (twenty-five and four tenths (25.4) mm). (5-3-03)

2131. ~~Section 801.4. Drains~~ Connections from Water Distribution System. Provisions must be made for the discharge of the water softener to terminate in an approved location. The drain line for a water softener must be three-fourths (3/4) inch minimum. A washer box with a dual outlet is an approved location as long as it is on the same floor or one (1) floor below the softener unit and the water softener drain line is a minimum three-fourths (3/4) inch. (3-30-07)

2232. ~~Section 807.4.~~ A domestic dishwashing machine may be installed without the use of an airgap if the drain hose is looped to the bottom side of the counter top and secured properly. (3-15-02)

2333. ~~Section 906.1.~~ Delete the existing provision and replace with the following: (4-2-08)

a. Roof venting. When conventional roof venting is utilized, each vent pipe or stack shall extend through its flashing and shall terminate vertically not less than six (6) inches (one hundred fifty-two (152) mm) above the roof nor less than one (1) foot (three hundred five (305) mm) from any vertical surface. (4-2-08)

b. Sidewall venting. When sidewall venting is utilized, the vent shall extend flush with the eaves/ gable end, shall turn down using a ninety (90) degree ell, and shall terminate as close to the roof peak as possible. The vent end must be properly screened. Sidewall venting is acceptable on new or remodel construction on cabins, log homes, and residential or commercial buildings. (4-2-08)

c. Sidewall venting must meet the intent of Section 906.2 of the UPC ISPC. (4-2-08)

2434. Section 908.1 Exception - Vertical Wet Venting. A horizontal wet vent may be created provided it is created in a vertical position and all other requirements of Section 908 of the UPC ISPC are met. (7-1-98)

2535. Section 909.0. Add: Parameters for the limited use of Air Admittance Valves (A.A.V.). (4-2-08)

a. An A.A.V. may be used only in residential buildings. (4-2-08)

b. In remodels, an A.A.V. may be used with island fixtures or remotely located sinks such as in bar, kitchen, or laundry tray locations. An A.A.V. shall not be used in bathroom groups. (4-2-08)

c. In new construction, an A.A.V. may be used on island fixture sinks. (4-2-08)

d. Each A.A.V. may be used to vent only one (1) floor. (4-2-08)

e. Each A.A.V. must be readily accessible. (4-2-08)

f. The cross-sectional area of venting must remain the same and must meet the largest required building drain. (4-2-08)

g. An A.A.V. shall only be installed in accordance with the manufacturer's installation standards as per ASSE 1051. (4-2-08)

h. An A.A.V. may not be used in an attic, crawl space, outside installation, or in connection with chemical or acid waste systems. (4-2-08)

2636. Section 1002.3. Trap arms may not exceed one hundred eighty (180) degrees of horizontal turn without the use of a cleanout. (3-15-02)

37. Section 1007.0 Trap Seal Protection. Delete section 1007.0 and replace with the following: Floor drains or similar traps directly connected to the drainage system and subject to infrequent use shall be protected with a trap seal primer or other approved trap seal protection device, except where not deemed necessary for safety or sanitation by the Authority Having Jurisdiction. Trap seal primers shall be accessible for maintenance. (x-x-13)

38. Section 1016.1. Add the following to the end of section 1016.1: Floor drains installed in residential garages shall be permitted to use the interceptor as the fixture trap. (x-x-13)

39. 1601.0 Gray Water Systems – General. Add to this section the following paragraph: (G) Plumbing for a gray water system from any fixture up to, but not to include the exterior irrigation system tank shall be inspected by the Authority Having Jurisdiction. The Idaho Department of Environmental Quality (IDEQ) shall have jurisdiction to inspect and approve the installation of the exterior irrigation system tank and all plumbing systems therefrom to the point of disposal in accordance with IDAPA 58.01.03. Gray water system location and design criteria requirements related to irrigation and leaching shall be determined in accordance with the requirements as established by the IDEQ. (x-x-13)

012. -- 999. (RESERVED).

IDAHO PLUMBING BOARD

Agenda Item No. 04b

Inspections of Gray Water Systems

PRESENTER: A. J. Maupin, IDEQ

OBJECTIVE: Incorporate the inspection of gray water systems into the new Idaho State Plumbing Code.

ACTION: Vote to accept, reject, or modify changes to IDAPA 07.02.06.

BACKGROUND: At the May 2012 meeting, A. J. Maupin, IDEQ proposed the following text be included in modifications proposed to IDAPA 07.02.06 – Rules Concerning Idaho State Plumbing Code: “**39. Chapter 16:** Plumbing for a grey water system from the fixture to the tank shall be inspected by the Plumbing Bureau. The Idaho Department of Environmental Quality (IDEQ) shall have jurisdiction from the tank to the point of disposal. Setbacks and soil requirements shall be the responsibility of IDEQ.”

PROCEDURAL HISTORY:

ATTACHMENTS: IDAPA 07.02.06



IDAPA 07
TITLE 02
CHAPTER 06

07.02.06 - RULES CONCERNING UNIFORM IDAHO STATE PLUMBING CODE

39. 1601.0 Gray Water Systems – General. Add to this section the following paragraph:
(G) Plumbing for a gray water system from any fixture up to, but not to include the exterior irrigation system tank shall be inspected by the Authority Having Jurisdiction. The Idaho Department of Environmental Quality (IDEQ) shall have jurisdiction to inspect and approve the installation of the exterior irrigation system tank and all plumbing systems therefrom to the point of disposal in accordance with IDAPA 58.01.03. Gray water system location and design criteria requirements related to irrigation and leaching shall be determined in accordance with the requirements as established by the IDEQ. (x-x-13)

Submit

Reset

Print

DIVISION OF BUILDING SAFETY
APPLICATION FOR REVIEW OF A PROPOSED STATEWIDE AMENDMENT
TO STATE ADOPTED CODES
2012 Code Adoption Cycle

Log# _____

(Office Use Only)

PLEASE FOLLOW INSTRUCTIONS ON PAGE FIVE

1. State Building Code to be Amended:

- | | |
|---|---|
| <input type="checkbox"/> International Building Code | <input type="checkbox"/> International Energy Conservation Code |
| <input type="checkbox"/> International Residential Code | <input type="checkbox"/> International Mechanical Code |
| <input type="checkbox"/> International Fuel Gas Code | <input type="checkbox"/> National Electrical Code |
| <input type="checkbox"/> International Existing Building Code | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> Idaho State Plumbing Code | <input type="checkbox"/> |

Section IDAPA 07.02.06

Page 4 of 4

2. Applicant Name (Specific local government, organization or individual):

Idaho Department of Environmental Quality

3. Signed:

A.J. Maupin, PE

DEQ WW Program Eng. 9 May 2012

Proponent

Title

Date

4. Designated Contact Person:

A.J. Maupin, PE

Wastewater Program Eng. Lead

Name

Title

Address: 1410 N. Hilton

Boise, ID 83706

Office Phone: (208) 373-0502 Cell: _____ Fax: (208) 373-0576

E-Mail address: aj.maupin@deq.idaho.gov

5. Proposed Code Amendment. Use 'legislative format' including both old and new language. See instructions on page five for specific details. Please use a separate sheet for each separate proposal.

Code IDAPA 07.02.06 Section 39 (new) Page 4 of 4

Amend section to read as follows:

39. Chapter 16: Plumbing for a grey water system from the fixture to the tank shall be inspected

Are additional pages attached? Yes No

Please note number of additional pages:

Supporting Data for Statewide Amendment Proposals. This information is required for all statewide amendment proposals. **Attach supporting documentation, as necessary; incomplete proposals will not be accepted.**

The governing boards require supporting data on any amendment proposal to show:

1. That it meets basic criteria – See Part I to specify how this proposal meets the criteria for code amendment.
2. The intended effect—See Part II to describe the purpose of the proposed amendment, including the benefits and the problems addressed.
3. The potential impacts or benefits to business—See Part III/Types of Construction, to explain how methods in construction businesses, industries and services would be affected.
4. The potential impact on enforcement procedures, See Part III/Types of Services Required, to provide some analysis of the impacts on code enforcement in local jurisdictions.
5. Economic costs and benefits – Use the Table in Part IV of this form to estimate the costs and benefits of the proposal on construction practices, users and/or the public, the enforcement community, and operation and maintenance.

Part I ♦ Background information on amendment.

Code References: 2009 UPC Chap 16 Title: Nonpotable Water Reuse Systems

Related codes: _____ (Does this amendment change other related codes?)

Proponent: A.J. Maupin, PE Phone: 373-0502 Date: 05/09/2012

NOTE: Amendments to the state building code must be based on one of the following criteria; please indicate the pertinent rationale for the proposed amendment by selecting from the list below:

- (1) The amendment is needed to address a critical life/safety need.
- (2) The amendment is needed to address a specific state policy or statute.
- (3) The amendment is needed for consistency with state or federal regulations.
- (4) The amendment is needed to address a unique character of the state.
- (5) The amendment corrects errors and omissions.

Part II ♦ Amendment Benefit:

PROBLEM(S) ADDRESSED (Describe the intended effect of the proposed code amendment):

DEQ has established protocols and organizational infrastructure established to address site a:

+

PRIMARY REASON FOR AMENDMENT: (Describe how the amendment meets one of the criteria listed above)

The amendment is needed for consistency with state regulations. Title 39, Chapters 1 and 36

+

TYPE OF BENEFITS PROJECTED:

The proposed change will allow the Plumbing Bureau to apply their limited resources toward



Part III ♦ Amendment Impacts or Benefits:

TYPES OF CONSTRUCTION: New Construction Alteration/Tenant Improvement/Repair
 Residential-Single Family Residential-Multi Family Commercial Industrial

List businesses/industries affected by amendment:

Manufacturers: Precast Concrete Tank manufacturers statewide. Pump and Pump control system manufacturers
 Specific Construction Contractors & Trades: Licensed Subsurface Sewage Disposal System Installers statewide
 Construction Supply Industry: Pipe suppliers, Reinforced concrete tank suppliers.
 Specialty Trades: _____
 Types of Buildings: Residential and commercial structures.
 Fire Protection Industry: _____

Types of Services Required:

- Reporting:** Brief Description _____
- Record Keeping:** Brief Description _____
- Other:** Brief Description _____
- Indirect Cost to Industry:** Indicate whether there are multiple sources to obtain the equipment, material or service required by this proposal. If not, provide a justification of the benefit versus small business impact.

Part IV ♦ Amendment Costs and Benefits

Building Type	Construction ¹			Enforcement ²			Operations & Maintenance ³		
	Co sts	% impact ⁴	Benefits ⁵	Costs	% impact	Benefits	Costs	% impact	Benefits
Residential									
Single family									
Multi-family									
Commercial/ Retail									
Industrial									
Institutional									

¹ \$ / square foot of floor area or other cost. Attach data. **Construction** costs are costs prior to occupancy, and include both design and direct construction costs that impact the total cost of the construction to the owner/consumer.

² Cost per project plan. Attach data. **Enforcement** costs include governmental review of plans, field inspection, and mediated litigation required for enforcement.

³ Cost to building owner/tenants over the life of the project.

⁴ Cost differential over a specific size project or range of projects as determined by the proponent. Provide sufficient cost and benefit detail to clarify the impact to the Council. All data should be created and referenced to third party reputable sources for verification.

⁵ Note sectors with measurable benefit from Part II, including benefits to a) the user, b) the public, c) the industry, and/or d) the economy; use e) for all of the above.

GENERAL INSTRUCTIONS FOR MAKING A CODE CHANGE PROPOSAL:

1. Check the boxes for the code or codes for which amendments are being proposed.
2. Provide the name of the local government, organization, or individual proposing the code change.
3. Proponent must sign and date the proposal as noted.
4. Provide contact information for the person designated to work with the board(s) and staff to supply information on the proposed changes as needed; please include name, address, phone number and e-mail address.
5. The specific section for which an amendment is proposed should be listed. The **entire section** should be reproduced, including the existing and the proposed amendatory language.
6. This must be prepared in legislative style formatting. Specifically, when submitting recommended changes to a particular building code, existing provisions in the code proposed for deletion must be shown by using ~~strikethrough~~. Text proposed to be added must be shown by using underlines. Any separate new sections added should be inserted in the appropriate place in the existing code language in order to continue the established numbering system of the code. If more than one section is proposed for amendment or more than one page is needed for reproducing the affected section of the code, additional pages may be attached.
7. **SUPPORTING DATA REQUIREMENTS FOR ALL STATEWIDE AMENDMENT PROPOSALS:** You must attach background information with all statewide amendment proposals. The attached worksheet provides requirements for supporting data. All information will be forwarded to the board(s) as part of the amendment's documentation. Findings and projections from the worksheet will be tabulated to summarize projected benefits and impacts and will be included with staff comments and recommendations. DBS staff may request additional information as needed to clarify any potential impacts, and may perform additional research and analysis as needed when requested by the governing boards.
8. Please send an electronic copy of your completed proposal to DBS staff at: neg.rules@dbs.idaho.gov

NOTE: YOU MAY REPRODUCE THIS FORM AND ADD ADDITIONAL PAGES AS NEEDED.

DEQ proposes that the following text be included in modifications proposed to IDAPA 07.02.06 – Rules Concerning Idaho State Plumbing Code

39. Chapter 16: Plumbing for a grey water system from the fixture to the tank shall be inspected by the Plumbing Bureau. The Idaho Department of Environmental Quality (IDEQ) shall have jurisdiction from the tank to the point of disposal. Setbacks and soil requirements shall be the responsibility of IDEQ. (x-x-xx)

Part II. Amendment Benefit:

DEQ has protocols and organizational infrastructure established to address site assessments, permitting, and failing system repair to safeguard Idaho citizens' health and the quality of our environment. This modification will complement the Plumbing Bureau's activities by supporting Gray Water treatment system design review, siting, inspection, and failure repair for those site improvements that are installed outside of the site's structure(s).

Primary Reason for Amendment: (Describe how the amendment meets one of the criteria listed above)

(3) The amendment is needed for consistency with state regulations.

Title 39, Chapters 1 and 36, Idaho Code, grants authority to DEQ to adopt rules and standards to protect the environment and the health of the State, for the installation of cottage site sewage treatment facilities and for the issuance of pollution source permits. Title 39, Chapter 1, Idaho Code, grants to DEQ the authority to issue pollution source permits; charges DEQ to enforce all laws, rules, regulations, and standards relating to environmental protection and health, and those relating to the storage, handling and transportation of solids, liquids and gases which may cause or contribute to water pollution, and authorizes the DEQ to review for approval the plans and specifications for all proposed waste treatment facilities prior to their construction.

Type of Benefits Projected:

The proposed change will allow the Plumbing Bureau to apply their limited resources towards inspecting buildings' dual wastewater collection systems required to handle both black and gray wastewater. Additionally, the Plumbing Bureau will leverage off of DEQ's expertise in siting, system design, and permitting activities associated with wastewater treatment and disposal.

IDAHO PLUMBING BOARD

Agenda Item No. 04c

Color Definition of Inspection Tags

PRESENTER: John Nielsen, Plumbing Program Manager

OBJECTIVE: Remove the color reference (red) and modify the rule to reflect the language of current tags.

ACTION: Vote to accept, reject, or modify the proposed rule change.

BACKGROUND: At the October 2011 Board meeting, a motion passed to remove IDAPA 07.02.03.06c, "Each trip necessary to remove a red tag from the jobsite"; as well as to remove "Not acceptable", add "Correction Notice", and eliminate the sentence "Also, a reinspection and reinspection fee shall be required" from IDAPA 07.02.04.011.04. After the meeting, industry representatives met with John Nielsen and suggested rather than remove the sentence from IDAPA 07.02.04.011.04, change the language from "shall" to "may".

DBS staff met with Chairman Milford Terrell prior to the February 2012 Board meeting. The chairman preferred the first option, as addressed in the motion, and requested DBS provide a definition of "reinspection". Several board members expressed inspectors should have the latitude with regard to reinspections; preferring the second option to change the verbiage from "shall" to "may".

As presented at the May 2012 meeting, the proposed rule change would link IDAPA 07.02.03 "Rules Governing Permit Fee Schedule" and 07.02.04 "Rules Governing Safety Inspections" together.

ATTACHMENTS: IDAPA 07.02.04.011.04 "Rules Governing Safety Inspections"



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. ~~Red: Not acceptable, and~~ **Correction Notice:** When attached to the plumbing system means that the plumbing is not acceptable and that corrections will be required. Also, a reinspection and reinspection fee for such installations shall be required in accordance with IDAPA 07.02.03, "Rules Governing Permit Fee Schedule," section 011, subsection 06. (X-X-XX)

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) is hereby adopted as the standard for cross connection control and back flow prevention devices. (5-3-03)

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. 04d Additional Fees and Re-Inspection Fees

PRESENTER: John Nielsen, Plumbing Program Manager

OBJECTIVE: Modify the rule.

ACTION: Vote to accept, reject, or modify the proposed rule change.

BACKGROUND: At the October 2011 Board meeting, a motion passed to remove IDAPA 07.02.03.06c, "Each trip necessary to remove a red tag from the jobsite"; as well as to remove "Not acceptable", add "Correction Notice", and eliminate the sentence "Also, a reinspection and reinspection fee shall be required" from IDAPA 07.02.04.011.04.

As presented at the May 2012 meeting, the proposed rule change would link IDAPA 07.02.03 "Rules Governing Permit Fee Schedule" and 07.02.04 "Rules Governing Safety Inspections" together.

ATTACHMENTS: IDAPA 07.02.03 "Additional Fees and Re-Inspection Fees"



IDAHO ADMINISTRATIVE CODE IDAPA

07.02.03 Division of Building Safety Rules Governing Permit Fee Schedule

04. Other Installations Including Industrial and Commercial.

The inspection fees listed in this Section shall apply to any and all plumbing installations not specifically mentioned elsewhere in this schedule. The plumbing cost shall be the cost to the owner of all labor charges and all other costs that are incurred in order to complete the installation of any and all plumbing equipment and materials installed as part of the plumbing system. (3-26-08)

a. Plumbing system cost not exceeding ten thousand dollars (\$10,000): sixty dollars (\$60) plus two percent (2%) of the total plumbing system cost. (3-26-08)

b. Plumbing system cost over ten thousand dollars (\$10,000), but not exceeding one hundred thousand dollars (\$100,000): two hundred sixty dollars (\$260) plus one percent (1%) of the plumbing system cost exceeding ten thousand dollars (\$10,000). (3-26-08)

c. Plumbing system cost over one hundred thousand dollars (\$100,000): one thousand one hundred sixty dollars (\$1,160) plus one half of one percent (.5%) of the plumbing system cost exceeding one hundred thousand dollars (\$100,000). (3-26-08)

d. All fees calculated under this schedule must be calculated on the total plumbing cost of the job and this figure must be shown on the permit. (3-26-08)

05. Requested Inspections.

A fee of sixty-five dollars (\$65) per hour or portion of an hour shall apply, with the requesting party responsible for all costs incurred in out-of-state travel. (3-26-08)

06. Additional Fees and Re-Inspection Fees.

A fee of sixty-five dollars (\$65) per hour or portion of an hour shall apply to: (3-26-08)

a. Trips to inspect when: (3-26-08)

i. The submitter of the permit has given notice to the Division of Building Safety that the work is ready for inspection and it is not; or (3-26-08)

ii. If the submitter has not accurately identified the work location; or (3-26-08)

iii. If the inspector cannot gain access to make the inspection. (3-26-08)

b. Trips to inspect corrections required by the inspector as a result of the submitter improperly responding to a corrective notice. (3-26-08)

~~**e.** Each trip necessary to remove a red tag from the jobsite. (3-26-08)~~

d. When corrections have not been made in the prescribed time, unless an extension has been requested and granted. (3-26-08)

e. No permit - failure to post or send permit and required fee in the prescribed time will, at the discretion of the Division, result in the assessment of a double fee. (3-26-08)

IDAHO PLUMBING BOARD

Agenda Item No. 05 Commercial Plumbing – Idaho Code § 54-2602

PRESENTER: John Nielsen, Plumbing Program Manager and Gilbert Pond, Board Member

OBJECTIVE: Determine the intent of Idaho Code § 54-2602(1) (e).

ACTION: Vote on one of five proposed code changes.

BACKGROUND: This topic goes back to May 2011 where according to Milford Terrell the intent of the statute was for maintenance/construction personnel to maintain the equipment on site, not change out fixtures.

Mr. Terrell was interested in the definition of “Alterations”. At the July and October 2011 meetings, proposed statutes changes were provided; clarifying the type of work allowed on plumbing systems by regularly employed maintenance or construction workers on premises owned and/or operated by the property owner. The Board also requested the topic “Commercial Plumbing -- Idaho Code § 54-2602” be brought back to the February and May 2012 meetings as an informational item, and the July 2012 meeting as an action item.

At the February 2012 meeting, several options to the code that would allow maintenance personnel to provide plumbing alterations, repairs or replacements to commercial properties were provided. The majority were in support of the following option: “Alterations, Repairs, or replacements Work on to plumbing systems on premises owned or operated by an employer who regularly employs ~~maintenance or construction~~ a licensed journeyman plumbers, provided that such alterations, extensions and new construction repairs or replacements, shall comply with the minimum standards and rules applicable to plumbing practices provided by this chapter.” Gilbert Pond offered to meet with the Treasure Valley Master Plumbers Association (TVMPA) to discuss the options addressed in the board packet.

ATTACHMENTS: Idaho Code § 54-2602 “Exceptions”



Definition of *ALTERATION*

- 1: the act or process of [altering](#) : the state of being [altered](#)
- 2: the result of altering: [modification](#)

Definition of *REPAIR*

- 1: an instance or result of [repairing](#)
- 2: the act or process of repairing

Definition of *REPLACEMENT*

- 1: the action or process of [replacing](#) : the state of being [replaced](#)
- 2: one that [replaces](#) another especially in a job or function

Definition of *REPLACE*

- 1: to restore to a former place or position <*replace* cards in a file>
- 2: to put something new in the place of <*replace* a worn carpet>

**TITLE 54. PROFESSIONS, VOCATIONS, AND BUSINESSES
CHAPTER 26. PLUMBING AND PLUMBERS**

54-2602 Exceptions

Current Statute:

Exceptions.

(1) Certificate of competency requirements of this chapter shall not be deemed to apply to:

...

(e) Work on plumbing systems on premises owned or operated by an employer who regularly employs maintenance or construction plumbers, provided that alterations, extensions and new construction shall comply with the minimum standards and rules applicable to plumbing practices provided by this chapter.

Proposed Change at October Board Meeting:

(e) Work on plumbing systems on premises owned or operated by an employer who regularly employs maintenance or construction plumbers performing alterations, repairs, or replacements, provided that such alterations, ~~extensions and new construction~~ repairs or replacements, shall comply with the minimum standards and rules applicable to plumbing practices provided by this chapter.

Other Options:

1 (e) Work on plumbing systems on premises owned or operated by an employer who regularly employs ~~maintenance or construction~~ a licensed journeyman plumbers, provided that alterations, extensions and new construction shall comply with the minimum standards and rules applicable to plumbing practices provided by this chapter.

(This option leaves the statute as is except it clarifies that the in-house employee who performs the plumbing work must be a licensed journeyman. It really is an exemption to the contractor requirements.)

2 (e) Alterations, repairs, or replacements ~~Work on to~~ plumbing systems on premises owned or operated by an employer who regularly employs maintenance or construction ~~plumbers~~ personnel, provided that such alterations, ~~extensions and new construction~~ repairs or replacements, shall comply with the minimum standards and rules applicable to plumbing practices provided by this chapter.

(This option clarifies that only alterations, repairs, or replacement plumbing (not extensions or new construction) may be performed by the employee. It also broadens who may be considered an eligible employee to perform such work by allowing any "construction personnel" and not just "plumbers.")

3 (e) Alterations, repairs, or replacements ~~Work on to~~ plumbing systems on premises owned or operated by an employer who regularly employs ~~maintenance or construction~~ a licensed journeyman plumbers, provided that such alterations, ~~extensions and new construction~~ repairs or replacements, shall comply with the minimum standards and rules applicable to plumbing practices provided by this chapter.

(This option clarifies that only alterations, repairs, or replacement plumbing (not extensions or new construction) may be performed by the employee, and the employee must be a licensed journeyman.)

4 (e) Work on plumbing systems on premises owned or operated by an employer who regularly employs maintenance or construction ~~plumbers~~ personnel performing alterations, repairs, or replacements, provided that such ~~alterations, extensions and new construction~~ repairs or replacements, shall comply with the minimum standards and rules applicable to plumbing practices provided by this chapter.

(This option clarifies that only repairs and replacement plumbing may be performed (no extensions, new construction or *alterations*) under the exception. It also broadens who may be considered an eligible employee to perform such work by allowing any “construction personnel” and not just “plumbers.”)

5 (e) Alterations, Repairs, or replacements ~~Work on to~~ plumbing systems on premises owned or operated by an employer who regularly employs ~~maintenance or construction~~ a licensed journeyman plumbers, provided that such alterations, ~~extensions and new construction~~ repairs or replacements, shall comply with the minimum standards and rules applicable to plumbing practices provided by this chapter.

(This option clarifies that only repairs and replacement plumbing may be performed (no extensions, new construction or *alterations*) under the exception, and the employee must be a licensed journeyman.)

IDAHO PLUMBING BOARD

Agenda Item No. 06

Medical Gas

PRESENTER: Gilbert Pond, Board Member and John Nielsen, Plumbing Program Manager

OBJECTIVE: To add “Medical Gas and Medical Vacuum systems” to Idaho statute § 54-2604 definition of plumbing systems.

ACTION: Vote to accept, reject, or modify proposed statute change.

BACKGROUND: This modification to statute would more closely align it with the definition of a “Plumbing System” contained in the Idaho State Plumbing Code.

PROCEDURAL HISTORY: This topic has been addressed at previous meetings.

ATTACHMENTS: Proposed statute modification



§ 54-2603. Plumbing

Plumbing means and includes the business, trade practice or work, materials and fixtures used in the design, construction, installation, improvement, extension and alteration of all piping, fixtures, appliances and appurtenances in connection with any plumbing system.

§ 54-2604. Plumbing systems

- (1) A plumbing system, public or private, means and includes:
 - (a) Plumbing fixtures, interconnecting system pipes and traps;
 - (b) Soil, waste and vent pipes;
 - (c) Building drains and building sewers;
 - (d) Sanitary and storm water drainage facilities;
 - (e) Liquid waste and sewerage facilities;
 - (f) Water supply systems and distribution and disposal pipes of any premises;
 - (g) Water treating and water using equipment attached to a plumbing system except for water conditioning equipment;
 - (h) All the respective connections, devices and appurtenances of any plumbing system, public or private, within or adjacent to any building, residence, manufactured housing, or structure to and including a connection with any point of a public or private supply, distribution or disposal system or other acceptable terminal; and
 - (i) Water heaters and all associated venting dedicated exclusively thereto.
- (j) Medical gas and medical vacuum systems**
- (2) As used in this section, "water conditioning equipment" shall mean those devices necessary to remove impurities and sediment from water.
- (3) A plumbing system does not include a single service integrated fire sprinkler system as defined in section 41-254, Idaho Code.
- (4) It shall be unlawful for any person, firm, copartnership, association or corporation to do, or cause to be done, whether acting as a principal, agent, or employee, any construction, installation, improvement, extension or alteration of any plumbing system or water conditioning equipment in any residence, building, or structure, or service lines thereto, in the state of Idaho, without complying with the bonding provisions as provided by section 54-2602, Idaho Code.

IDAHO PLUMBING BOARD

Agenda Item No. 07

CEU Training for Plumbing Contractors

PRESENTER: Steve Keys, Deputy Administrator-Operations

OBJECTIVE: Find a way to fund the review process of continuing education applications and instructors.

ACTION: Informational

BACKGROUND: Currently in statute, the Board has the ability to set requirements for licensure renewals; eight hours of continuing education for journeyman renewal and 16 hours for contractor renewal. A proposed rule, to allow DBS to review continuing education applications and instructors, was presented but did not pass the 2012 legislature. With no rule in place, the Division requested guidance from the Board on the types of continuing education courses or instructors that would be acceptable.

At the May 2012 meeting, Gilbert Pond presented a proposal that would establish criteria for continuing education. The Board would be responsible for approving the instructors and courses at regular Board meetings.

The Division will continue to work on this topic; coming up with a way to fund it.

ATTACHMENTS: No documentation



IDAHO PLUMBING BOARD

Agenda Item No. 08

Liquid and Fuel Gas Piping

PRESENTER: Gilbert Pond, Board Member

OBJECTIVE: To continue to install liquid and fuel gas systems

ACTION: Informational

BACKGROUND: Fuel gas piping has been a basic component of the plumbing trade for decades. The definition of fuel gas piping is currently in the mechanical/residential codes only. For the plumbing industry to continue to perform services to piping systems, it was suggested the definition of plumbing systems be expanded to include boilers, liquid and fuel gas piping, etc., and include the definition in Idaho statute.

At the February 2012 meeting, a motion passed to establish a subcommittee, comprised of two members each from the Plumbing and HVAC Boards, which would formulate a policy to expand the current language of “piping systems” in the Idaho codes. Gilbert Pond and Matt Gardner offered to represent the Plumbing Board.

At the May 2012 HVAC Board meeting, Gilbert Pond stated the subcommittee recommended the following subsections be added to the existing HVAC code 54-5015(c): **(ii) Gas piping; and (iii) Piping for hydronic systems; piping for steam & hot water boiler systems.** Occasionally plumbers install oil piping, which technically is not gas piping. Russ Goyen suggested subsection ii be changed from “gas” to “fuel” piping. In statute, an HVAC license is called “certificate of competency”. It was a recommendation to change HVAC “license” to “certification” in section c.

ATTACHMENTS: § 54-5015. Exclusive jurisdiction of the state -- Restriction on requirement for additional licenses or fees -- Clarification of certification, licensing and permitting requirements.



TITLE 54

PROFESSIONS, VOCATIONS, AND BUSINESSES

CHAPTER 50

INSTALLATION OF HEATING, VENTILATION AND AIR CONDITIONING SYSTEMS

54-5015. Exclusive jurisdiction of the state -- Restriction on requirement for additional licenses or fees -- Clarification of certification, licensing and permitting requirements.

(1) Only the administrator of the division of building safety of the state of Idaho is authorized and empowered to conduct examinations and to pass upon the qualifications of applicants, and to grant and issue certificates of competency and registration of apprentices to such applicants as are found to be qualified to engage in the trade, business, work or practice of heating, ventilation and air conditioning.

(2) No local jurisdiction shall have the authority to require additional certification or registration or to require payment of any fees in order for any HVAC contractor, specialty contractor, journeyman, specialty journeyman, apprentice, or specialty apprentice to engage in the heating, ventilation and air conditioning trade within the local jurisdiction or to issue certificates to persons certified or registered under the provisions of this chapter.

(3) Nothing in this chapter shall restrict a city or county from imposing stricter public safety rules, notwithstanding any provision of Idaho Code.

(4) A certificate issued pursuant to chapter 26, title 54, Idaho Code, or a license issued pursuant to chapter 10, title 54, Idaho Code, shall be acceptable for all HVAC installation work that falls within the scope of the certificate or license that has been issued. This will allow:

(a) Individuals holding a current HVAC or electrical license or a current plumbing certification to install electrical circuitry from the disconnecting means to a water heater and electrical connections to the water heater as long as the disconnect is in sight from the unit and the circuit from the disconnecting means to the water heater is no more than fifty (50) feet long;

(b) Individuals holding a current HVAC or electrical license to install:

(i) Electrical space heaters with no attached ductwork;

(ii) Electrical connections to HVAC equipment from the disconnecting means to the unit as long as the disconnect is in sight from the unit and the circuit from the disconnecting means to the HVAC equipment is no more than fifty (50) feet long; and

(iii) Ventilating fans, except ducted range hoods in residences;

(c) Individuals holding either an HVAC ~~license~~ certification or plumbing certification to install:

(i) Boilers that are not otherwise subject to inspection by the industrial commission or its authorized agent; ~~and~~

(ii) Gas Fuel piping; ~~and piping for hydronic systems; and~~

(iii) Piping for hydronic systems; and

(iv) Piping for steam and hot water boiler systems;

(d) HVAC licensees to install control wiring of twenty-four (24) volts or less for HVAC equipment of five (5) tons or less in capacity.

(5) Notwithstanding any other provision of this section, plumbing certificate holders are not authorized to install control wiring in HVAC equipment, regardless of voltage.

History:

[54-5015, added 2003, ch. 276, sec. 1, p. 739; am. 2004, ch. 308, sec. 10, p. 864; am. 2007, ch. 197, sec. 6, p. 601.]

IDAHO PLUMBING BOARD

Agenda Item No. 09

Renting of Contractor Licenses

PRESENTER: John Nielsen, Plumbing Program Manager and Dan Long, Board Member

OBJECTIVE: Discuss whether plumbing contractors can legally allow an individual to rent their licenses, and if so, to come up with a solution to the issue.

ACTION: Informational

BACKGROUND: The current rules do not prohibit a licensed plumbing contractor from renting his license. At the October 2011 meeting, Dan Long, Dennis Butterfield, and Kenny Calkins were asked to work with DBS to rewrite the definition of a plumbing license and its use.

At the February 2012 meeting proposed language was presented that would require a plumbing contractor to hire a master plumber or signing journeyman to physically work within the business rather than someone outside who may be using their license and have no control over what goes on in the business.

At the Treasure Valley Master Plumbers Association meeting on March 21, 2012, Kenny Calkins addressed the subcommittee's idea. As of today, Mr. Calkins has not received any written input, nor received any opposition to the proposal.

Prior to the May 2012 meeting, John Nielsen will amend the proposed language with regard to a new master plumber and/or signing journeyman license for the subcommittee's review.

Steve Keys suggested, and the Board agreed to consider, all dealings with the Division and other authorities having jurisdiction be in the contractor's name, not the business name.

ATTACHMENTS: No documentation



IDAHO PLUMBING BOARD

Agenda Item No. 10

Master License

PRESENTER: John Nielsen, Plumbing Program Manager and Kenny Calkins, Cloverdale Plumbing

OBJECTIVE: Create a master license.

ACTION: Informational

BACKGROUND: The master plumber license was first brought up as a possible way to prevent the “renting” of licenses. Upon further examination, it was decided it would not fix the issue, but would resolve other licensing issues a contractor could possibly face if they wanted to sell their business or would give a person another route to take in owning a plumbing company.

PROCEDURAL HISTORY:

ATTACHMENTS: Proposed master license



§ 54-2606. Powers and duties of the Idaho plumbing board

(1) The board shall have the general administration and supervision of the design, construction, installation, improvement, extension and alteration of plumbing and plumbing systems, except that which has been heretofore and herein after exempted from the jurisdiction of this board, in connection with all buildings, residences and structures in this state including buildings, residences and structures owned by the state or any political subdivision thereof.

(2) The division of building safety shall enforce the minimum standards and requirements therefore as provided by this chapter.

(3) The board may exercise such powers and duties as are reasonably necessary to carry out the provisions of this chapter, and it may among other things:

(a) Establish the fees to be charged for permits and inspections of plumbing systems.

(b) Hold public meetings and attend or be represented at such meetings, within or without the state, prepare and publish rules pertaining to this chapter, and such other information as may be necessary, and furnish copies thereof to those engaged in the business, trade, practice or work of plumbing and pipefitting and to the public upon request.

(c) Furnish standards and procedures and prescribe reasonable rules for examinations, qualification and certification of plumbing contractors, master, and journeymen and apprentice plumbers not herein prescribed, including the establishment of continuing education requirements for master, journeyman and plumbing contractors.

(d) Require the furnishing of proof of liability insurance to the Division of Building Safety in the amount of three hundred thousand dollars (\$ 300,000) from an insurance company licensed to do business in the state of Idaho.~~a compliance bond by plumbing contractors in an amount not to exceed two thousand dollars (\$ 2,000) for the contractor classification or evidence of such coverage by a corporate industry group bond acceptable to the board.~~

(e) Furnish standards and procedures and prescribe reasonable rules to provide for the certification of specialty contractors, specialty journeymen, and specialty apprentices, including the furnishing of a compliance bond in an amount not to exceed two thousand dollars (\$ 2,000) for the specialty contractor classification or evidence of coverage by a corporate industry group bond acceptable to the board.

(f) Establish by administrative rule civil penalties not to exceed one thousand dollars (\$ 1,000) for each count or separate offense, to be paid for violations of this chapter and rules of the Idaho plumbing board; and to establish by administrative rule the process by

which appeals from the imposition of civil penalties may be heard. The board is authorized to affirm, reject, decrease or increase the penalty imposed; however, the board shall not increase any penalty imposed to an amount exceeding one thousand dollars (\$ 1,000) for each individual count or separate offense.

§ 54-2611. Classification of competency

There shall be ~~three (3)~~ four (4) classifications of competency in the business, trade, practice or work of plumbing and three (3) classifications of competency in the business, trade, practice or work of specialty plumbing, as follows:

(a) A plumbing contractor shall be any person, or a member, representative or agent of a firm, co partnership, association, or corporation, conducting or carrying on the business of ~~skilled in the planning and supervision of the construction,~~ installation, improvement, extension and alteration of plumbing systems, and who is familiar with the provisions of this act and the rules made by the Idaho plumbing board, and who is competent to offer and to assume ~~to~~ work on a contract basis and to direct the work of qualified employees. A contractor who in person does plumbing work shall also be qualified as a journeyman master plumber, ~~or~~ and have in his employ on all work a qualified journeyman.

(b) A Master Plumber. A person who has the necessary qualifications, training, experience and technical knowledge to plan, layout or design the installation of plumbing systems, or to supervise such planning, layout, or design, and who performs or supervises such planning, layout or design, shall, for the purpose of this act, be known as a master plumber.

~~(bc)~~ A plumbing journeyman shall be any person, who as his principal occupation, is engaged in the installation, improvement, extension and alteration of plumbing systems, and who is familiar with the provisions of this act and who works in the employ and under the direction of a plumbing contractor.

~~(ed)~~ A plumbing apprentice shall be any person, who as his principal occupation is engaged in learning and assisting in installation, improvement, extension and alteration of plumbing systems. Apprentices shall not perform plumbing work except under the supervision of a journeyman.

~~(de)~~ A specialty contractor shall be any person, or a member, representative or agent of a firm, co partnership, association, or corporation skilled in the specialty classification for which he is certified and who is familiar with the provisions of this act and rules made by the Idaho plumbing board, and who is competent to offer and to assume work on a contract basis and to direct the work of qualified employees. A specialty contractor who in person does specialty work shall also be qualified as a specialty journeyman, or have in his employ on all work a specialty journeyman.

(ef) A specialty journeyman shall be any person who is engaged in the specialty classification for which he is certified and who is familiar with the provisions of this act and who works in the employ and under the direction of a plumbing or specialty contractor.

(fg) A specialty apprentice shall be any person who is engaged in learning and assisting in the specialty classification for which he is registered. Specialty apprentices shall not perform specialty work except under supervision of a specialty journeyman.

§ 54-2614. Application and registration fees

All applicants shall pay to the board at the time of application for examination, a fee in accordance with the following:

Application for Plumbing Contractor \$22.50

Application for Plumbing Master \$22.50

Application for Plumbing Journeyman. \$22.50

Application for Specialty Contractor. \$22.50

Application for Specialty Journeyman. \$22.50

Apprentices and specialty apprentices shall not be required to be examined for competency, but shall register as an apprentice or specialty apprentice with the division of building safety and maintain such registration during the entire period in which they are accruing their experience. The registration fee for apprentices shall be fifty dollars (\$ 50.00) per renewal. The registration fee for specialty apprentices shall be thirty dollars (\$30.00) per renewal. The board may contract with a professional testing service to administer any licensing examination and any contracted professional testing service shall be responsible to establish and collect the examination fee. Any person who fails to pass the examination may apply for reexamination at the next scheduled examination upon payment of the examination fee. Should any person fail to pass the examination the second time, the board may refuse to allow a subsequent examination until the expiration of one (1) year.

§ 54-2616. Fees for certificates – Prorating

(1) Before a certificate is issued, and for the renewal thereof, the successful applicant shall pay to the division of building safety a fee in accordance with the following schedule:

	Initial Fee	Renewal
Plumbing Contractor	\$75.00	\$36.00

<u>Plumbing Master</u>	<u>\$50.00</u>	<u>\$25.00</u>
Plumbing Journeyman	\$15.00	\$7.20
Specialty Contractor	\$75.00	\$36.00
Specialty Journeyman	\$15.00	\$7.20

(2) The administrator of the division of building safety shall have the authority to prorate and assess the initial certificate fees as follows: the amount of the initial fee, plus the product of one-twelfth (1/12) of the amount of the renewal fee for that particular category of certificate multiplied by the number of months in excess of twelve (12) for which the certificate is issued. No certificate shall be issued for less than twelve (12) months.

(3) The administrator of the division of building safety shall have the authority to prorate and assess the renewal fees as follows: the number of months the certificate will be in effect, multiplied by one-twelfth (1/12) of the renewal fee for that particular category of certificate. No renewal shall be issued for less than twelve (12) months.

(Recommend you modify these two paragraphs (2) and (3) as well)

§ 54-2617. Certificate expiration -- Renewal -- 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, master, 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 (1) year without examination only upon payment of the full initial fee.

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

§ 54-2618. Certificate to be displayed and certificates of competency and registration carried or in vicinity of work site

All holders of valid certificates in the contractor and specialty contractor classifications shall display a sign or card, upon a form prescribed and furnished by the division of building safety, for public view in their place of business. All master, journeymen, and

specialty journeymen shall have their certificate of competency on their persons or in the immediate vicinity of the work site during working hours. Apprentices and specialty apprentices shall have evidence of registration on their persons or in the immediate vicinity of the work site during working hours.

§ 54-2619. Municipal fees for permits, inspections -- Exceptions

No provision of this act shall deprive incorporated cities, including those specially chartered, from collections of fees from permits and inspections. Notwithstanding the provisions of sections 50-304, 50-306 and 50-606, Idaho Code, no cities, including those specially chartered, shall require occupational license fees from plumbing contractors, master, and journeymen who possess a valid certificate of competency issued by the administrator of the division of building safety, except those cities that have qualified plumbing inspectors.

013. MASTER PLUMBER

01. To obtain a master plumber certificate, a person 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 master or 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 master or 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 master or journeyman plumber. Applications which are incomplete in any detail will be returned as unacceptable. The examination fee shall be as prescribed by Section 54-2614, Idaho Code, and must accompany the application. (X-X-13)

013 014. PLUMBING CONTRACTOR.

01. Qualifications for Plumbing Contractor.

a. On and after July 1, 2013, except as hereinafter provided, any person, partnership, company, firm, association, or corporation shall be eligible to apply for a plumbing contractor license upon the following requirements: (X-X-13)

i. Applicant shall have at least one (1) full-time employee who holds a valid master plumber license issued by the Division. Licensed plumbing contractors who are current and active prior to July 1, 2013, shall not be required to have a master plumber as the supervising plumber until a new supervising plumber is designated. A master plumber license will be required for a new supervising plumber designated after July 1, 2013. (X-X-13)

ii. The master plumber shall be designated the supervising plumber and shall be available during working hours to carry out the duties of supervising, as set forth herein, and who will be responsible for supervision of plumbing installations made by said company, firm, association, or corporation as provided by Section 54-2611(a), Idaho Code. (X-X-13)

iii. An individual plumbing contractor may act as his own supervising master plumber upon the condition that he holds a valid master plumber license. (X-X-13)

iv. Applicant must pass a contractor examination administered by the Division or its designee. Any applicant which purports to be a non-individual (such as, corporation, partnership, company, firm, or association), must designate in writing an individual to represent the partnership, company, etc., for examination purposes. Any such designee shall be a full-time supervisory employee and may not represent any other applicant for a plumbing contractor's license. (X-X-13)

v. Applicant shall provide proof of liability insurance to the Division in the amount of three hundred thousand dollars (\$300,000) from an insurance company licensed to do business in the state of Idaho. The liability insurance shall be in effect for the duration of the applicant's contractor licensing period. (X-X-13)

vi. Applicant shall provide to the Division proof of Idaho's worker's compensation insurance unless specifically exempt from Idaho law. The Division will provide written confirmation of exemption status. (X-X-13)

b. Any person designated under Paragraph 014.01.a. of these rules, and the contractor he represents, shall each notify the Bureau in writing if the supervising master's working relationship with the contractor has been terminated. Each notice must be filed with the Division within ten (10) days of the date of termination. If the supervising master's relationship with the contractor is terminated, the contractor's license is void within ninety (90) days unless another supervising master is qualified by the Bureau. (X-X-13)

02. Required Signatures on Application. An application for an plumbing contractor license shall be signed by the applicant or by the official representative of the partnership, company, firm, association, or corporation making the application. The application shall be countersigned by the supervising master plumber. (X-X-13)

03. Plumbing Contracting Work Defined. A plumbing contractor license issued by the Division of Building Safety must be obtained prior to acting or attempting to act as a plumbing contractor in Idaho. (X-X-13)

a. Plumbing contracting work includes plumbing maintenance or repair work, in addition to new plumbing installations, unless such work is expressly exempted by Section 54-2602, Idaho Code. (X-X-13)

c. Any person or entity, not otherwise exempt, who performs or offers to perform plumbing contracting work, is acting as a plumbing contractor, whether or not any compensation is received. (X-X-13)

d. Registered general contractors who submit a bid on a multi-trade construction project that includes a licensed plumbing contractor's pricing shall not be considered to be acting or attempting to act as a plumbing contractor. (X-X-13)

04. Previous Revocation. Any applicant for a plumbing contractor license who has previously had his plumbing contractor license revoked for cause, as provided by Section 54-2608, Idaho Code, shall be considered as unfit and unqualified to receive a new plumbing contractor license so long as such cause for revocation is continuing and of such nature that correction can be made by the applicant. (X-X-13)

05. Reviving an Expired License. Any applicant for a plumbing contractor license who has allowed his license to expire and seeks to revive it under the provisions of Section 54-2617, Idaho Code, may be denied a license as unfit and unqualified if, while operating under the license prior to expiration, he violates any of the laws or rules applicable to plumbing contractors. (X-X-13)

06. Qualification and Duties for Supervising Journeyman or Master

a. A master plumber shall not be considered as qualified to countersign a plumbing contractor license application as the supervising master, nor shall said application be approved if he does countersign said application as the supervising master, if said master has had his Idaho plumbing contractor license revoked for cause under Section 54-2608, Idaho Code. (X-X-13)

b. A supervising master shall not countersign for more than one (1) contractor. (X-X-13)

c. A journeyman who is a full time employee of a company, corporation, firm or association with an industrial account may sign as supervising journeyman for that industrial account in addition to signing as supervising journeyman for his own contractor's license so long as the journeyman is listed as the owner and complies with the provisions of Paragraphs 014.01.a. and 014.01.b. of these rules. (X-X-13)

07. Termination of Supervising Master or Contractor Designee.

a. Any person designated under Paragraph 014.01.a. of these rules, and the contractor he represents, shall each notify the Bureau in writing if the supervising master's working relationship with the contractor has been terminated. Each notice must be filed with the Bureau within ten (10) days of the date of termination. If the supervising master's relationship with the contractor is terminated, the contractor's license is void within ninety (90) days unless another supervising journeyman is qualified by the Bureau. (X-X-13)

b. Any person designated under Paragraph 015.01.a. of these rules, and the contractor he represents, shall each notify the Bureau in writing if the designee's working relationship with the contractor has been terminated. Each notice must be filed with the Division within ten (10) days of the date of termination. If the designee's relationship with the contractor is terminated, the contractor's license is void within ninety (90) days unless another duly qualified designee passes the plumbing contractor's examination on behalf of the contractor. (X-X-13)

IDAHO PLUMBING BOARD

Agenda Item No. 11

High Density Polyethylene

PRESENTER: John Nielsen, Plumbing Program Manager

OBJECTIVE: To discuss High Density Polyethylene Pipe (HDPE).

ACTION: Informational

BACKGROUND: There has been some questions on the use of HDPE and if joints would be allowed under slab. Chairman Terrell requested the topic be brought back to the July meeting for further discussion.

PROCEDURAL HISTORY:

ATTACHMENTS: Documentation on HFPE



TABLE 6-4
Materials for Building Supply and Water Distribution Piping and Fittings

Material	Building Supply Pipe and Fittings	Water Distribution Pipe and Fittings	Referenced Standard(s) Pipe	Referenced Standard(s) Fittings
Asbestos-Cement	X ¹		ASTM C296, AWWA C400	
Brass	X	X	ASTM B43, ASTM B135	
Copper	X	X	ASTM B42, ASTM B75, ASTM B88, ASTM B251, ASTM B302, ASTM B447	ASME B16.15, ASME B16.18, ASME B16.22, ASME B16.26
CPVC	X	X	ASTM D2846, ASTM F441, ASTM F442	ASTM D2846, ASTM F437, ASTM F438, ASTM F439, ASTM F1970
Ductile-Iron	X	X	AWWA C151	ASME B16.4, AWWA C110, AWWA C153
Galvanized Steel	X	X	ASTM A53	
Malleable Iron	X	X		ASME B16.3
PE	X ¹		ASTM D2239, ASTM D2737, ASTM D3035, AWWA C901, CSA B137.1	ASTM D2609, ASTM D2683, ASTM D3261, ASTM F1055, CSA B137.1
PE-AL-PE	X	X	ASTM F1282, CSA B137.9	ASTM F1282, ASTM F1974, CSA B137.9
PEX	X	X	ASTM F876, ASTM F877, CSA B137.5	ASTM F877, ASTM F1807, ASTM F1960, ASTM F1961, ASTM F2080, ASTM F2159, CSA B137.5
PEX-AL-PEX	X	X	ASTM F1281, CSA B137.10, ASTM F2262	ASTM F1281, ASTM F1974, ASTM F2434, CSA B137.10
PVC	X ¹		ASTM D1785, ASTM D2241, AWWA C900	ASTM D2464, ASTM D2466, ASTM D2467, ASTM F1970
Stainless Steel	X	X	ASTM A269, ASTM A312	

¹ For Building Supply or cold-water applications.

604.9 Solder shall conform to the requirements of Section 316.1.3.

604.10 Water pipe and fittings with a lead content which exceeds eight (8) percent shall be prohibited in piping systems used to convey potable water.

604.11 PEX. Cross-linked polyethylene (PEX) tubing conforming to ASTM F877 shall be marked with the appropriate standard designation(s) for the fittings specified for use with the tubing. Such marking shall not be required for PEX tubing conforming to only ASTM F876. PEX tubing shall be installed in compliance with the provisions of this section.

604.11.1 PEX Fittings. Fittings used with PEX tubing shall be manufactured to and marked in accordance with the standards for the fittings referenced in Table 14-1.

604.11.2 Water Heater Connections. PEX tubing shall not be installed within the first eighteen (18) inches (457 mm) of piping connected to a water heater.

604.12 Flexible Corrugated Connectors. Flexible corrugated connectors of copper or stainless steel shall be limited to the following connector lengths:

Water Heater Connectors – twenty-four (24) inches (610 mm).

Fixture Connectors – thirty (30) inches (762 mm).

Washing Machine Connectors – seventy-two (72) inches (1,829 mm).

Dishwasher and Icemaker Connectors – one-hundred and twenty (120) inches (3,048 mm).

604.13 PEX-AL-PEX and PE-AL-PE. Crosslinked polyethylene-aluminum-crosslinked polyethylene



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Product Submittal Sheet Municipal, Industrial and Energy

Driscoplex® Pipe Series	Features	Applicable Standards	Pipe Materials Designation (PPI TR-3 & TR-4)
1000 (IPS) (Industrial, International, various, etc.)	IPS (Iron Pipe Size) Black pipe is standard	ASTM D3035 ASTM F714	PE4710
1500 (IPS) 1600 (DIPS) (Fire Main applications)	IPS (Iron Pipe Size) DIPS (Ductile Iron pipe size) Solid black, Black w/ red stripes Black w/ blue stripes	FMA Class Number 1613 AWWA C901, AWWA C906 ASTM D3035, NSF/ANSI 61	PE3608
4100 (IPS) (Municipal & Industrial potable water, raw water, process water, various)	IPS (Iron Pipe Size) Black pipe is standard <u>Optional Color Striping Available:</u> Black w/ blue stripes Black w/ green Stripes Black w/ lavender stripes	ASTM F714 & ASTM D3035 AWWA C901 & AWWA C906 NSF/ANSI 61	PE4710
4000 (DIPS) (Municipal & Industrial potable water, raw water, process water, various)	DIPS (Ductile Iron pipe size) 3 pair of equally spaced blue stripes is standard <u>Optional Color Striping Available:</u> Black w/ green Stripes Black w/ lavender stripes <u>Optional: Black Pipe (No Stripe)</u>	ASTM F714 & ASTM D3035 AWWA C901 & AWWA C906 NSF/ANSI 61	PE4710
4600 (IPS) 4700 (DIPS) (Municipal & Industrial sewer, various, etc.)	IPS (Iron Pipe Size) DIPS (Ductile iron pipe size) Grey Pipe is standard <u>Optional Color Striping Available:</u> Grey pipe with green stripes	ASTM F714 & ASTM D3035 AWWA C901 & AWWA C906	PE3608
5100 (IPS, CTS & SIDR) Potable water	Black pipe with blue or white print line	ASTM D2737, ASTM D2239 or ASTM D3035 AWWA C901 NSF/ANSI 14	PE4710
5300 (IPS) (Geothermal)	Black pipe is standard	ASTM D3035	PE3608 PE4710
6400 (Oil field, landfill, coal bed methane, gas gathering, etc.)	IPS (Iron Pipe Size) Black pipe is standard	API 15LE ASTM D2513	PE3608 PE4710
1700 (Mining & industrial, DR striped applications)	IPS (Iron Pipe Size) Single color stripe to identify DR	ASTM D3035 ASTM F714	PE4710
9200 (Customer spec liner)	OD size and tolerances are specified by customer	ASTM D3035 ASTM F714	PE4710

When Performance Matters Rely on
Performance Pipe

IDAHO PLUMBING BOARD

Agenda Item No. 12 Contractor Licensing Requirement for “Big Box” Vendors

PRESENTER: Steve Keys, Deputy Administrator-Operations

OBJECTIVE: Review licensure requirements and the practical application of these requirements as it regards the typical operation of “big box” retailers.

ACTION: Informational

BACKGROUND: “Big box” retailers such as Lowes and Home Depot routinely offer contracting services, including plumbing, without the retailer possessing a contractor license. IS the Board comfortable with treating these retailers as “general contractors” as long as the plumbing work is done by licensed personnel working for a licensed plumbing contractor?

PROCEDURAL HISTORY:

ATTACHMENTS: No documentation



IDAHO PLUMBING BOARD

Agenda Item No. 13

Plumbing Program Manager Report

PRESENTER: John Nielsen, Plumbing Program Manager

OBJECTIVE: Update the Board on the Plumbing program's current activities.

ACTION: Informational

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

**PROCEDURAL
HISTORY:**

ATTACHMENTS: No documentation



IDAHO PLUMBING BOARD

Agenda Item No. 14

Operational Report

PRESENTER: Steve Keys, Deputy Administrator-Operations

OBJECTIVE: Update the Board on the operations of the Plumbing program and Division.

ACTION: Informational

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

PROCEDURAL HISTORY:

ATTACHMENTS: No documentation



IDAHO PLUMBING BOARD

Agenda Item No. 15a

Financial Report

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

OBJECTIVE: Review the Idaho Plumbing Board's financial report.

ACTION: Informational

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

PROCEDURAL HISTORY:

ATTACHMENTS: Idaho Plumbing Board's financial report





Division of Building Safety
 IDAHO PLUMBING BOARD FUND 0229-03
 Fiscal Year 2012 Financial Statements
 As of 5/31/2011

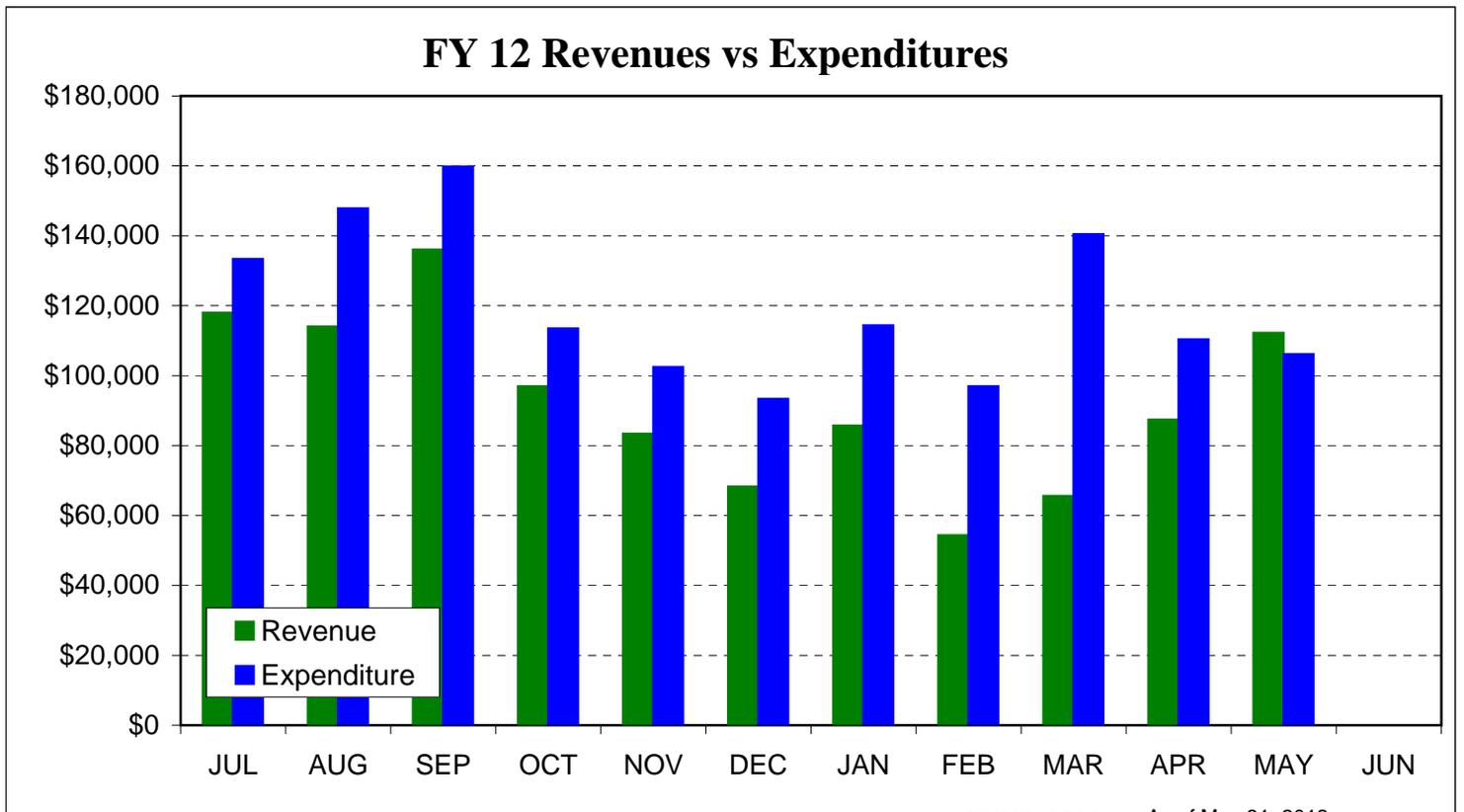
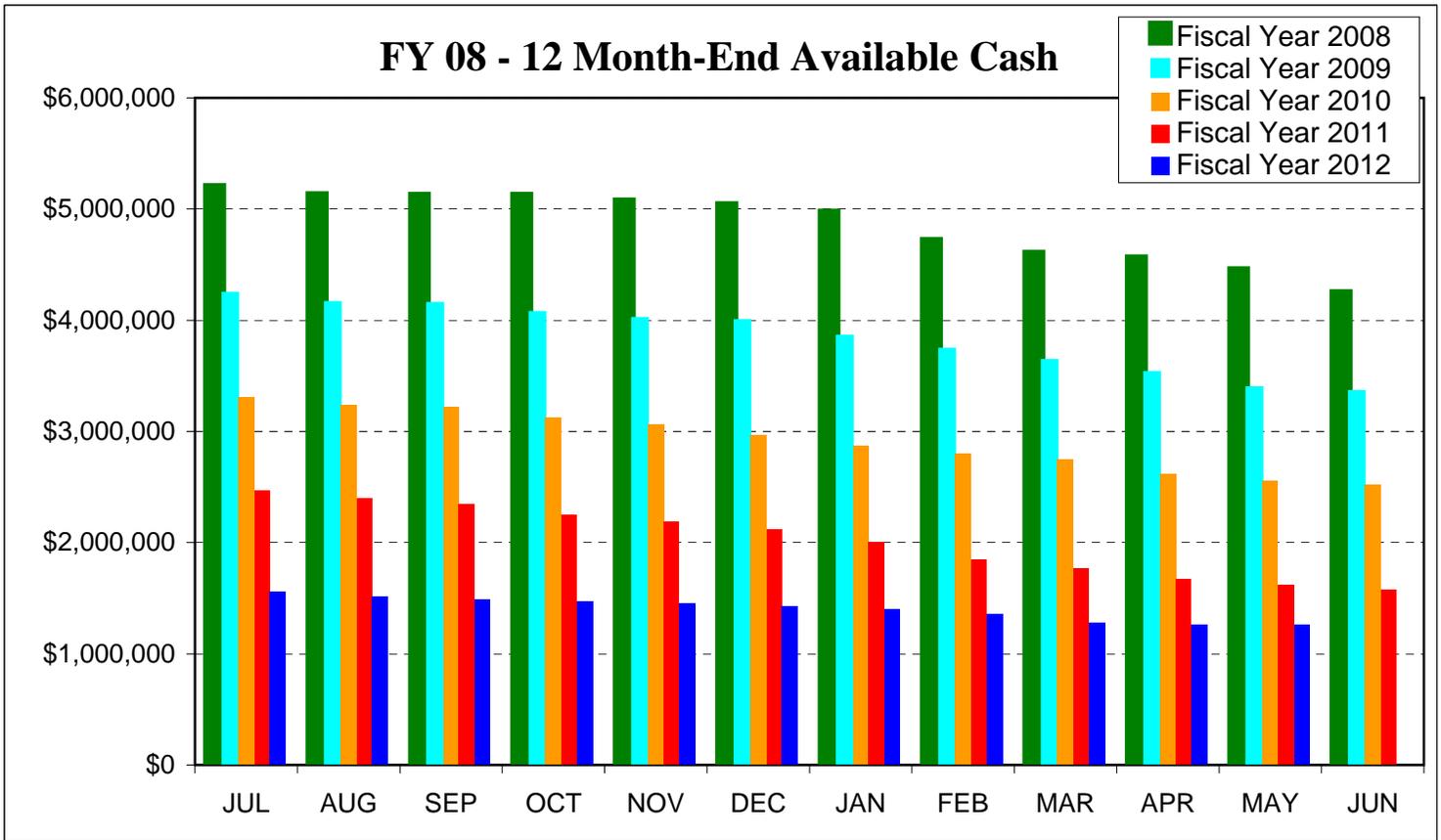
Statement of Revenues and Expenditures

Class	Budget	Fiscal Year To Date	YTD as a % of Budget *	Remaining Budet	Projected for Remainder of Year	Projected Year End Totals	Projected Total as a % of Budget
Revenues:	1,065,000	1,021,722	95.9%	43,278	100,000	1,121,722	105.3%
Expenditures							
Personnel:	870,000	1,028,226	118.2%	(158,226)	95,000	1,123,226	129.1%
Operating:	230,000	288,594	125.5%	(58,594)	26,000	314,594	136.8%
Capital:	38,500	1,338	3.5%	37,162	55,000	56,338	146.3%
Total Expenditures	1,138,500	1,318,158	115.8%	(179,658)	176,000	1,494,158	131.2%
Net for FY 2012	(73,500)	(296,436)			(76,000)	(372,436)	

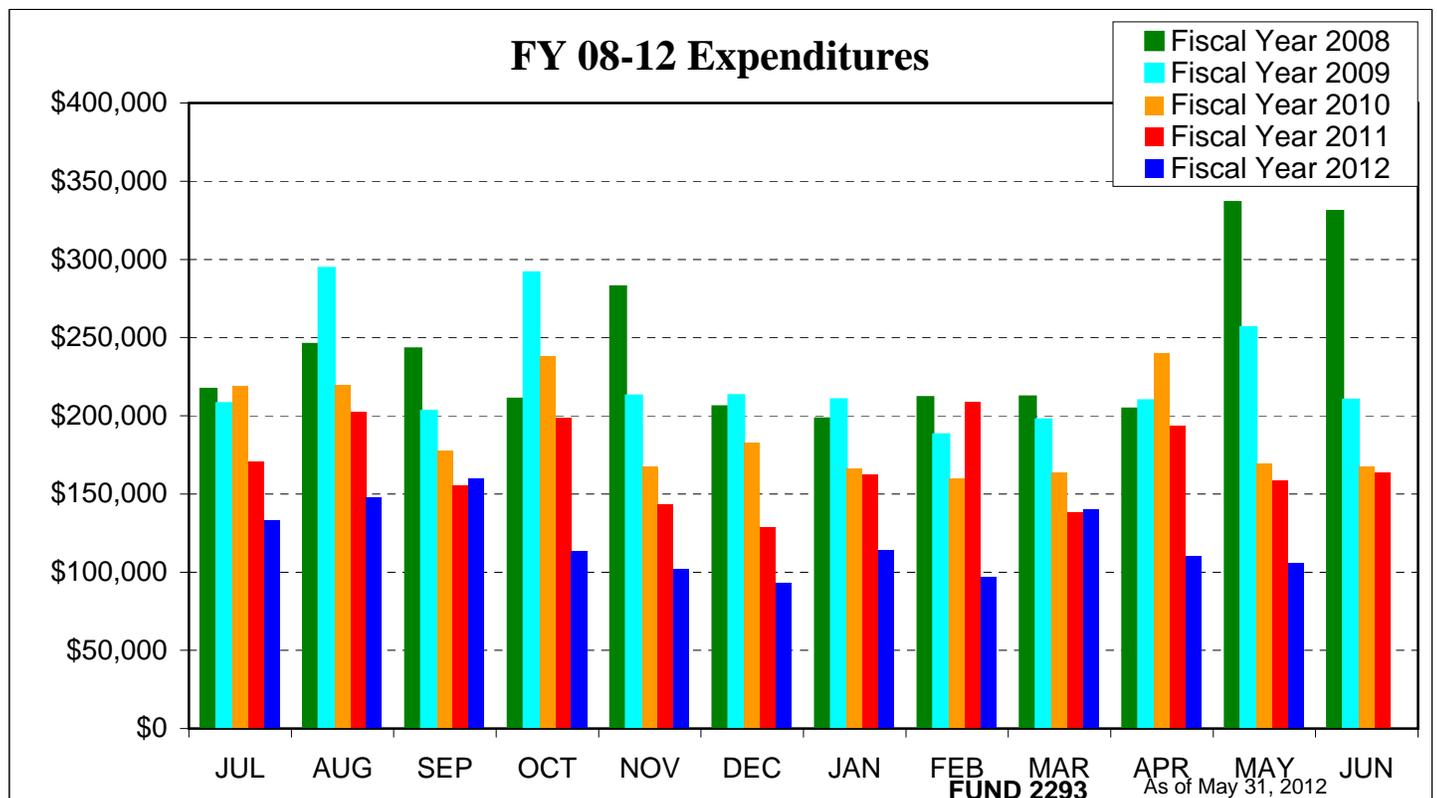
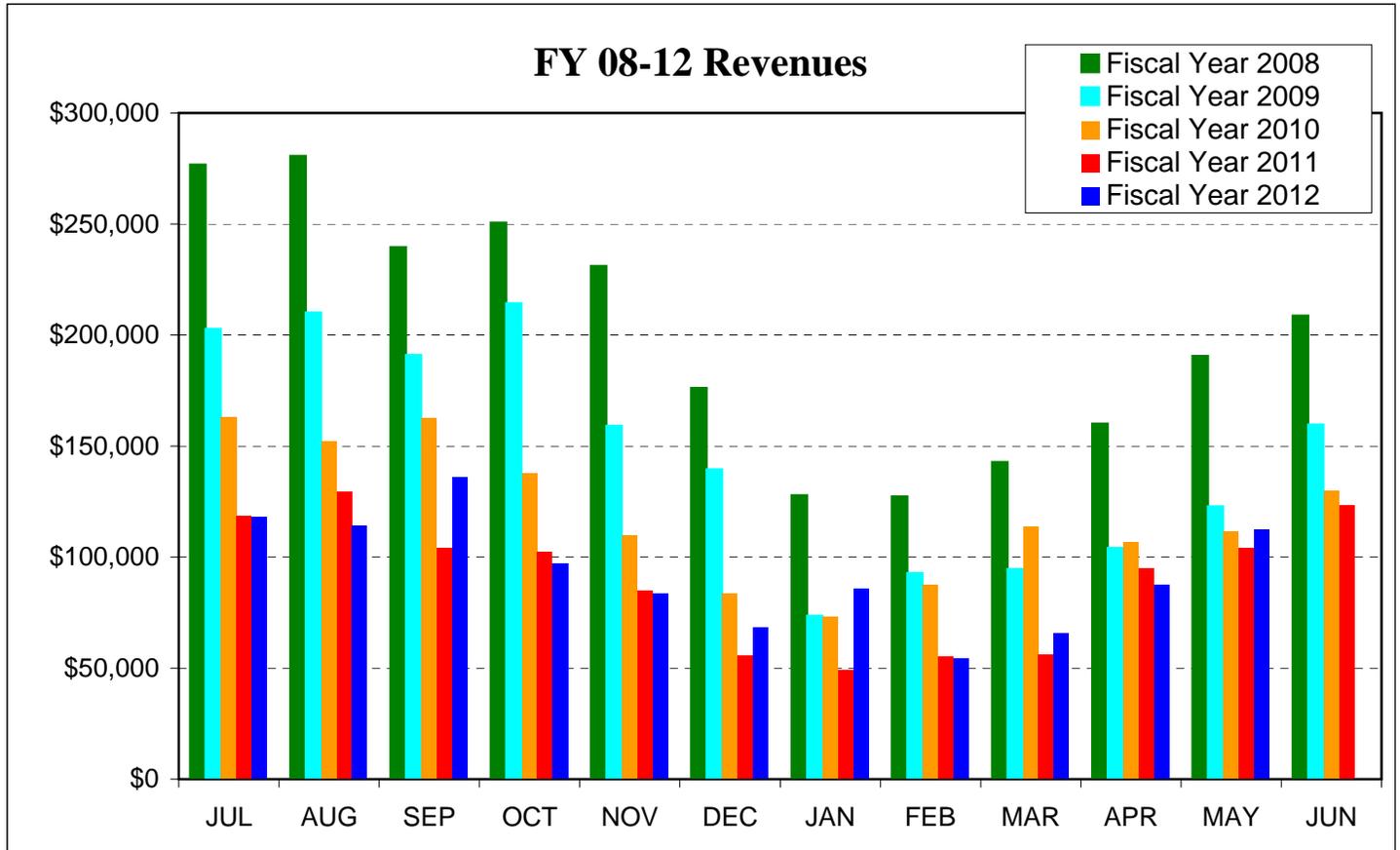
Statement of Cash Balance

July 1, 2011 Beginning Cash Available	Revenues	Expenditures and Encumbrances	Other Changes in Cash	Available Cash	Projected Change in Cash for Remainder of Year	Projected Year End Available Cash
1,573,644	1,021,722	(1,318,158)	(10,889)	1,266,319	(76,000)	1,190,319

IDAHO PLUMBING BOARD FUND



IDAHO PLUMBING BOARD FUND



IDAHO PLUMBING BOARD

Agenda Item No. 15b

Administrator

PRESENTER: C. Kelly Pearce, Administrator

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

ACTION: Informational

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

**PROCEDURAL
HISTORY:**

ATTACHMENTS: No documentation

