

Glenn Pereno

From: * Edmonds, Steve <sedmunds@cityofdb.org>
Sent: Tuesday, February 25, 2020 9:41 AM
To: Glenn Pereno
Subject: RE: Plumbing pressure test: Potable water

3-pages

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In Daytona Beach Shores plumbers will supply a gauge and pump the system up to 90 to 100 psi. the gauge should be in 1 psi increments per P2503.9 and we release the pressure to verify the gauge is a working gauge and not a broke fixed one.

From: Glenn Pereno <gpereno@ourorangecity.com>
Sent: Tuesday, February 25, 2020 9:09 AM
To: Berglund, Cindy <Cindy.Berglund@ormondbeach.org>; Al Tischler <atischler@port-orange.org>; Ami Pierce <apierce@ponce-inlet.org>; Arlene Stewart <azstewart@azsconsultinginc.com>; Barbie Bembry <bbembry@palmcoastgov.com>; Bill Gallagher <bill@solar-fit.com>; Bill Lawton <wlawton@volusia.org>; Bill Lippy <blippy@fiffoil.com>; Bo Snowden <snowdenr@codb.us>; Bob DeFilippo <bobdefilippo@hotmail.com>; Bonita Dukes <bdukes@stetson.edu>; Brent Cohen <cohenb@codb.us>; Brian Sievertson <sievertsonb@dbfd.us>; Buglione, Steven <Steven.Buglione@ormondbeach.org>; Chad Tate <tatechad@codb.us>; Charles Merenda <merendac@codb.us>; Charlie Grebe <ctgrebe@yahoo.com>; Thibault, Cheryl <cthibault@cityofdb.org>; City of Edgewater <buildingdept@cityofedgewater.org>; Dale Smith <dsmith@volusia.org>; Daniela Scipioni <dscipioni@volusia.org>; Dawn Greene <dgreene@volusia.org>; Dennis Conley <dconley@port-orange.org>; Dianne Zarzycki <dzarzycki@volusia.org>; Don Vancini <donvan48@gmail.com>; Doug Landes <dlandes@volusia.org>; Doug Sorenson <dksditto1@bellsouth.net>; Emestica, Carolyn <Carolyna.Emestica@ormondbeach.org>; Eugene Johnson <ecjohns1@volusia.k12.fl.us>; Forest Willis <willisf@codb.us>; Frank Davidge <fdavidge@flaglercounty.org>; Frank Godawa <fgodawa@volusia.org>; Fred Beiser <jrbeiserfcb@bellsouth.net>; Hiatt, Fred <fhiatt@cityofdb.org>; Herstein, Gwyn <gherstein@cityofdb.org>; Gary Hiatt <ghiatt@southdaytona.org>; Gary Morton <gmorton@volusia.org>; Gawel, Robin <Robin.Gawel@ormondbeach.org>; Glen Urquhart <UrquhartG@codb.us>; Gregory McCollum <gmccollum@port-orange.org>; Hank Baker <hbaker@ponce-inlet.org>; Hugh Kells <hkells@port-orange.org>; J Green <mgreen@port-orange.org>; Jack Dunlop <jgdkoi@gmail.com>; James Scarcello <jwscarce@volusia.k12.fl.us>; Jennifer Bennett <bennettj@codb.us>; Jerry Peck <jerrypeck@cfl.rr.com>; Joe Holland <jholland@ftrw.com>; Joe Levrault <levraultj@deland.org>; Smallwood, Joe <Joe.Smallwood@ormondbeach.org>; John Boden <bodenjohn@codb.us>; Joseph Crum <jcrum46@yahoo.com>; Joseph Vogeley <vogeleyj@deland.org>; Jurgen Betz <jbetz10237@aol.com>; Kevin Perry <kevinperry101@hotmail.com>; Kim Cherbano <kcherbano@ponce-inlet.org>; Kim Rickman <bldrkim@hotmail.com>; Kumar Mohan <dkmohan1@aol.com>; Lana Loss <lossl@codb.us>; Larry Hepler <heplerl@codb.us>; Larry Hites <lhites@hollyhillfl.org>; Leigh Grosvenor <lgrosvenor@deltonafl.gov>; Mezie, Leslie <Leslie.Mezie@ormondbeach.org>; Lisa Covais <covaislisa@codb.us>; M Wade <wadem@qualityprecast.com>; Mark Boice <mboice@flaglercounty.org>; Mark Criswell <crizdaddy1982@gmail.com>; Marvin Dryden <mdryden@port-orange.org>; Matt Adair <madair@stetson.edu>; Thomas, Matt <mthomas@cityofdb.org>; Michael Fitzgerald <fitzgeraldm@codb.us>; Michael George <mgeorge@volusia.k12.fl.us>; Michael Wojtuniak <mwojtuniak@epieng.net>; Mike Garrett <mgarrett3@cfl.rr.com>; Mike Macey <michael_macey@hotmail.com>; Mike Nelson <mnelson@volusia.org>; Mike Pelger <mpelger@ponce-inlet.org>; Mike Pryor <mpryor@port-orange.org>; Neil Burning <nburning@iccsafe.org>; Nick Ventura <venturan@codb.us>; Nicole Anbach <anbachn@deland.org>; Phil Vanderwerf <pvanderwerf@volusia.org>; Philip Ryan <pryan13@cfl.rr.com>; Randy Roberts <rroberts@volusia.org>; Elkins, Rick <Rick.Elkins@ormondbeach.org>; Rickie Lee <ricbear55@att.net>; Rickie Lee CBO <rlee@hollyhillfl.org>; rm <rmihalich@aol.com>; Rob Harrell 2 <rharrell@port-orange.org>; Robert Fitzpatrick <bob@unitedengineeringconsultants.com>; Robert Harrell <rob.harrell49@gmail.com>; Rodney Barber

<rl_barber@yahoo.com>; Ron Roberts <ronnsb@gmail.com>; Deknatel, Roxanne <Roxanne.Deknatel@ormondbeach.org>; Roy Johnson <rjohnson@volusia.org>; Ryan Booth <boothr@deland.org>; Cruz, Stewart <scruz@cityofdbfs.org>; Shaun Milligan <smilligan@volusia.org>; Steve Roland <sroland@deltonafl.gov>; Steve Woodworth <swoodworth@cityofnsb.com>; Edmunds, Steve <sedmunds@cityofdbfs.org>; Suzanne Jones <joness@codb.us>; Tim Miller <millertim@codb.us>; Griffith, Tom <Tom.Griffith@ormondbeach.org>; Tom Legler <tlegler@volusia.org>; Tom Squires <jugghead45@aol.com>; Tony DiNizo <tonydinizo@cfl.rr.com>; Walter Green <agreenconstruct@aol.com>; Walter, Chris <Chris.Walter@ormondbeach.org>; Wayne Thorne <thornew@deland.org>; William Austin <austinw@deland.org>; William Tedders <teditorsw@codb.us>
Cc: Steve Wood <buildingofficial@debary.org> <buildingofficial@debary.org>; Fuchs, Don <dfuchs@cityofviedo.net>
Subject: Plumbing pressure test: Potable water

Group:

Quick thoughts please, your method of confirming the required minimum working pressure i.e. 50 psi "Potable Water" in accordance with FRC Section P2503: P2503.1; Inspection required, P 2503.3; Responsibility of permittee, and P2503.7; Water-supply system testing? All I can say we require test equipment; namely, a pressure gauge i.e. P2503.3.

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Thank you,

Glenn B. Pereno; CBO/PX/BN
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Email: gpereno@ourorangecity.com
Phone: (386) 775-5425
Fax: (386) 775-5420
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Glenn Pereno

From: Thomas Legler <tlegler@volusia.org>
Sent: Tuesday, February 25, 2020 10:09 AM
To: Walter Green; Kumar Mohan; Jurgen Betz; Tom Squires; rm; Rickie Lee; 'Arlene Stewart'; Doug Sorenson; Fred Beiser; Jerry Peck; Mike Garrett; Philip Ryan; Tony DiNizo; Cheryl Thibault; Fred Hiatt; G Herstein; Matthew Thomas; S Cruz; Steve Edmunds; City of Edgewater; Steve Woodworth; Jennifer Bennett; John Boden; Brent Cohen; Lisa Covais; Michael Fitzgerald; Larry Hepler; Suzanne Jones; Lana Loss; Charles Merenda; Tim Miller; Bo Snowden; Chad Tate; William Tedders; Glen Urquhart; Nick Ventura; Forest Willis; Brian Sievertson; Nicole Anbach; William Austin; Ryan Booth; levraultj@deland.org; Wayne Thorne; Joseph Vogeley; Leigh Grosvenor; Steve Roland; Michael Wojtuniak; Bill Lippy; Frank Davidge; Mark Boice; Joe Holland; Mark Criswell; Don Vancini; Jack Dunlop; Robert Harrell; Ron Roberts; Larry Hites; Rickie Lee CBO; Kim Rickman; Bob DeFilippo; Kevin Perry; Mike Macey; Neil Burning; Carolyna Ernestica; Chris Walter; Cindy Berglund; Joe Smallwood; Leslie Mezie; Rick.Elkins@ormondbeach.org; Robin Gawel; Roxanne Deknatel; Steven Buglione; Tom Griffith; Glenn Pereno; Barbie Bembry; Ami Pierce; Hank Baker; Kim Cherbano; Mike Pelger; Al Tischler; Dennis Conley; Gregory McCollum; Hugh Kells; Marvin Dryden; Mike Green; Mike Pryor; Rob Harrell 2; M Wade; Bill Gallagher; ghiatt@southdaytona.org; Bonita Dukes; Matt Adair; Robert Fitzpatrick; Eugene Johnson; James Scarcello; Michael George; Dawn Greene; Douglas Landes; Daniela Scipioni; Dale Smith; Dianne Zarzycki; Frank Godawa; Gary Morton; Mike Nelson; Phil Vanderwerf; Roy Johnson; Randy Roberts; Shaun Milligan; William Lawton; Charlie Grebe; Joseph Crum; Rodney Barber
Cc: Don Fuchs; buildingofficial@debary.org
Subject: Re: [EX] Plumbing pressure test: Potable water

3-Pages

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Good morning,
The code requires that the system be proven tight, see high lighted section below. If the water distribution system is pressurized by a continuous water supply this can not be accomplished.
Volusia County requires a gauge and the water source turned off to satisfy the requirements of the code. I check the gauge at the beginning of my inspection and check it again at the end of the inspection to ensure the system is tight and to give it the 15 minutes per code.

P2503.7Water-supply system testing.
Upon completion of the water-supply system or a section of it, the system or portion completed shall be tested and proved tight under a water pressure of not less than the working pressure of the system or, for piping systems other than plastic, by an air test of not less than 50 psi (345 kPa). This pressure shall be held for not less than 15 minutes. The water used for tests shall be obtained from a potable water source.

Thank you,

Thomas E. Legler
Chief Building Inspector
County of Volusia
Building and Code Administration

Office: 386-822-5739 Ex. 12765

Fax: 386-626-6588

Email: tlegler@volusia.org

>>> On 2/25/2020 at 9:08 AM, in message <7e27f6cfaf0448e0a66e02d720a43eec@ourorangecity.com>, "Glenn Pereno" <gpereno@ourorangecity.com> wrote:

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Group:

Quick thoughts please, your method of confirming the required minimum working pressure i.e. 50 psi "Potable Water" in accordance with FRC Section P2503: P2503.1; Inspection required, P 2503.3; Responsibility of permittee, and P2503.7; Water-supply system testing? All I can say we require test equipment; namely, a pressure gauge i.e. P2503.3.

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Thank you,

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Glenn Pereno

From: Joe Levrault <levraultj@deland.org>
Sent: Tuesday, February 25, 2020 10:15 AM
To: Glenn Pereno
Subject: RE: Plumbing pressure test: Potable water
Attachments: SKM_754e20022510120.pdf

3-pages

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Glen,

I have attached the code commentary from the ICC 2015 IRC for you. You as the Building Official have the authority to require the gauge as a policy decision. Please read the commentary on this code section.

Joe Levrault
BCA, MCP, CFM, CFI
Chief Building Official
City of DeLand

120 South Florida Avenue
DeLand, FL 32720

Phone (386-626-7033)
Fax (386-626-7135)
Email levraultj@deland.org
Web www.deland.org



"The Athens of Florida"

From: Glenn Pereno <gpereno@ourorangecity.com>
Sent: Tuesday, February 25, 2020 9:09 AM
To: Berglund, Cindy <Cindy.Berglund@ormondbeach.org>; Al Tischler <atichler@port-orange.org>; Ami Pierce <apierce@ponce-inlet.org>; Arlene Stewart <azstewart@azsconsultinginc.com>; Barbie Bembry <bbembry@palmcoastgov.com>; Bill Gallagher <bill@solar-fit.com>; Bill Lawton <wlawton@volusia.org>; Bill Lippy <blippy@fifoil.com>; Bo Snowden <snowdenr@codb.us>; Bob DeFilippo <bobdefilippo@hotmail.com>; Bonita Dukes <bdukes@stetson.edu>; Brent Cohen <cohenb@codb.us>; Brian Sievertson <sievertsonb@dbfd.us>; Buglione, Steven <Steven.Buglione@ormondbeach.org>; Chad Tate <tatechad@codb.us>; Charles Merenda <merendac@codb.us>; Charlie Grebe <ctgrebe@yahoo.com>; Cheryl Thibault <cthibault@cityofdfs.org>; City of Edgewater <buildingdept@cityofedgewater.org>; Dale Smith <dsmith@volusia.org>; Daniela Scipioni <dscipioni@volusia.org>; Dawn Greene <dgreene@volusia.org>; Dennis Conley <dconley@port-orange.org>; Dianne Zarzycki <dzarzycki@volusia.org>; Don Vancini <donvan48@gmail.com>; Doug Landes <dlandes@volusia.org>; Doug Sorenson

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Cc: Steve Wood <buildingofficial@debary.org> <buildingofficial@debary.org>; Fuchs, Don <dfuchs@cityofviedo.net>
Subject: Plumbing pressure test: Potable water

Group:

Quick thoughts please, your method of confirming the required minimum working pressure i.e. 50 psi "Potable Water" in accordance with FRC Section P2503: P2503.1; Inspection required, P 2503.3; Responsibility of permittee, and P2503.7; Water-supply system testing? All I can say we require test equipment; namely, a pressure gauge i.e. P2503.3.

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Thank you,

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Email: gpereno@ourorangecity.com
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Glenn Pereno

From: jerrypeck <jerrypeck@cfl.rr.com>
Sent: Tuesday, February 25, 2020 11:09 AM
To: Rick.Elkins@ormondbeach.org; Robin Gawel; Roxanne Deknatel; Steven Buglione; Tom Griffith; Glenn Pereno; Barbie Bembry; Ami Pierce; Hank Baker; Kim Cherbano; Mike Pelger; Al Tischler; Dennis Conley; Gregory McCollum; Hugh Kells; Marvin Dryden; Mike Green; Mike Pryor; Rob Harrell 2; M Wade; Bill Gallagher; ghiatt@southdaytona.org; Bonita Dukes; Matt Adair; Robert Fitzpatrick; Eugene Johnson; James Scarcello; Michael George; Dawn Greene; Douglas Landes; Daniela Scipioni; Dale Smith; Dianne Zarzycki; Frank Godawa; Gary Morton; Mike Nelson; Phil Vanderwerf; Roy Johnson; Randy Roberts; Shaun Milligan; William Lawton; Charlie Grebe; Joseph Crum; Rodney Barber
Cc: Don Fuchs; buildingofficial@debary.org
Subject: Re: [EX] Plumbing pressure test: Potable water

4 - pages

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I basically followed the previous reply with a release of pressure, opening a hose bibb does that, verifying that the gauge drops to zero.

Except on many occasions the gauge didn't move.

Also, what is the working pressure of the system? 85 psi maximum permitted working pressure (unless specifically designed and otherwise approved), which means the test is done at 85 psi ... unless the system is metallic (other than plastic), and even then ... isn't 85 psi "not less than 50 psi", that is still the "working pressure of the system".

"shall be tested and proved tight under a water pressure of not less than the working pressure of the system or, for piping systems other than plastic, by an air test of not less than 50 psi"

I submit that testing a CPV/PEX/other "plastic" piping system at 50 psi does not meet code (unless possibly if there is a non-removable, non-adjustable, pressure reducing valve which is manufacturer set to 50 psi so that the "working pressure" could not exceed 50 psi). Otherwise, the system is tested to 85 psi.

Jerry Peck
Construction Consultant

Sent via the Samsung Galaxy Note5, an AT&T 4G LTE smartphone

----- Original message -----

From: Thomas Legler <tlegler@volusia.org>
Date: 2/25/20 10:09 AM (GMT-05:00)
To: Walter Green <agreenconstruct@aol.com>, Kumar Mohan <dkmohan1@aol.com>, Jurgen Betz <jbetz10237@aol.com>, Tom Squires <jugghead45@aol.com>, rm <rmihalich@aol.com>, Rickie Lee <ricbear55@att.net>, 'Arlene Stewart' <azstewart@azsconsultinginc.com>, Doug Sorenson <dksditto1@bellsouth.net>, Fred Beiser <jrbeiserfcb@bellsouth.net>, Jerry Peck <jerrypeck@cfl.rr.com>, Mike Garrett <mgarrett3@cfl.rr.com>, Philip Ryan <pryan13@cfl.rr.com>, Tony DiNizo <tonydinizo@cfl.rr.com>, Cheryl Thibault <cthibault@cityofdb.org>, Fred Hiatt <fhiatt@cityofdb.org>, G Herstein <gherstein@cityofdb.org>, Matthew Thomas <mkthomas@cityofdb.org>, S Cruz

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Joseph Crum <jcrum46@yahoo.com>, Rodney Barber <rl_barber@yahoo.com>
Cc: Don Fuchs <dfuchs@cityofviedo.net>, buildingofficial@debary.org
Subject: Re: [EX] Plumbing pressure test: Potable water

Good morning,

The code requires that the system be proven tight, see high lighted section below. If the water distribution system is pressurized by a continuous water supply this can not be accomplished.

Volusia County requires a gauge and the water source turned off to satisfy the requirements of the code. I check the gauge at the beginning of my inspection and check it again at the end of the inspection to ensure the system is tight and to give it the 15 minutes per code.

P2503.7Water-supply system testing.

Upon completion of the water-supply system or a section of it, the system or portion completed shall be tested and proved tight under a water pressure of not less than the working pressure of the system or, for piping systems other than plastic, by an air test of not less than 50 psi (345 kPa). This pressure shall be held for not less than 15 minutes. The water used for tests shall be obtained from a potable water source.

Thank you,

Thomas E. Legler
Chief Building Inspector
County of Volusia
Building and Code Administration
Office: 386-822-5739 Ex. 12765
Fax: 386-626-6588
Email: tlegler@volusia.org

>>> On 2/25/2020 at 9:08 AM, in message <7e27f6cfaf0448e0a66e02d720a43eec@ourorangecity.com>, "Glenn Pereno" <gpereno@ourorangecity.com> wrote:

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Group:

Quick thoughts please, your method of confirming the required minimum working pressure i.e. 50 psi "Potable Water" in accordance with FRC Section P2503: P2503.1; Inspection required, P 2503.3; Responsibility of permittee, and P2503.7; Water-supply system testing? All I can say we require test equipment; namely, a pressure gauge i.e. P2503.3.

Recently, a sub-contractor has requested confirmation that the code really requires a "GAUGE". I have attached an example of the gauges, the first picture is from outside our jurisdictions, notice the gauge not connected-holding pressure, second is within Orange City the inspector released the pressure open hose bib yet the pressure unaffected.

Thank you,

Glenn B. Pereno; CBO/PX/BN
205 East Graves Avenue
Orange City, Florida 32763
Email: gpereno@ourorangecity.com
Phone: (386) 775-5425
Fax: (386) 775-5420
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"So even though we face the difficulties of today and tomorrow, I still have a dream", MLK, Jr.

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Glenn Pereno

From: Conley, Dennis <dconley@port-orange.org>
Sent: Tuesday, February 25, 2020 3:07 PM
To: Glenn Pereno
Subject: RE: [EXT] Plumbing pressure test: Potable water

3 pages

WARNING: This email originated outside of The City of Orange City. Do NOT click on links or open attachments unless you're sure it is safe.

Test gauges required are specified in: Florida Building Code Plumbing; Chapter 3, Section 312.1.1 Chapter 3, Section 312.5; All systems that are plastic pipe, (cpvc, pex, ect.) shall be tested under working system pressure, meaning city water pressure.
All metallic piping shall be tested at not less than 50 psi and held for 15 minutes.

Dennis Conley
City of Port Orange
Community Development
Building Inspector
1000 City Center Circle
Port Orange, Fl. 32129
E-Mail: dconley@port-orange.org
Office Phone: (386) 506-5623

From: Glenn Pereno <gpereno@ourorangecity.com>
Sent: Tuesday, February 25, 2020 9:09 AM
To: Berglund, Cindy <Cindy.Berglund@ormondbeach.org>; Tischler, Allan <atischler@port-orange.org>; Ami Pierce <apierce@ponce-inlet.org>; Arlene Stewart <azstewart@azsconsultinginc.com>; Barbie Bemby <bbemby@palmcoastgov.com>; Bill Gallagher <bill@solar-fit.com>; Bill Lawton <wlawton@volusia.org>; Bill Lippy <blippy@fiffoil.com>; Bo Snowden <snowdenr@codb.us>; Bob DeFilippo <bobdefilippo@hotmail.com>; Bonita Dukes <bdukes@stetson.edu>; Brent Cohen <cohenb@codb.us>; Brian Sievertson <sievertsonb@dbfd.us>; Buglione, Steven <Steven.Buglione@ormondbeach.org>; Chad Tate <tatechad@codb.us>; Charles Merenda <merendac@codb.us>; Charlie Grebe <ctgrebe@yahoo.com>; Cheryl Thibault <cthibault@cityofdfs.org>; City of Edgewater <buildingdept@cityofedgewater.org>; Dale Smith <dsmith@volusia.org>; Daniela Scipioni <dscipioni@volusia.org>; Dawn Greene <dgreene@volusia.org>; Conley, Dennis <dconley@port-orange.org>; Dianne Zarzycki <dzarzycki@volusia.org>; Don Vancini <donvan48@gmail.com>; Doug Landes <dlandes@volusia.org>; Doug Sorenson <dksditto1@bellsouth.net>; Emestica, Carolyn <Carolyna.Emestica@ormondbeach.org>; Eugene Johnson <ecjohns1@volusia.k12.fl.us>; Forest Willis <willisf@codb.us>; Frank Davidge <fdavidge@flaglercounty.org>; Frank Godawa <fgodawa@volusia.org>; Fred Beiser <jrbeiserfcb@bellsouth.net>; Fred Hiatt <fhiatt@cityofdfs.org>; G Herstein <gherstein@cityofdfs.org>; Gary Hiatt <ghiatt@southdaytona.org>; Gary Morton <gmorton@volusia.org>; Gawel, Robin <Robin.Gawel@ormondbeach.org>; Glen Urquhart <UrquhartG@codb.us>; McCollum, Gregory <gmccollum@port-orange.org>; Hank Baker <hbaker@ponce-inlet.org>; Hugh Kells <hkells@port-orange.org>; Green, Mike <mgreen@port-orange.org>; Jack Dunlop <jgdkoi@gmail.com>; James Scarcello <jwscarce@volusia.k12.fl.us>; Jennifer Bennett <bennettj@codb.us>; Jerry Peck <jerrypeck@cfl.rr.com>; Joe Holland <jholland@frrtw.com>; Joe Levrault <levraultj@deland.org>; Smallwood, Joe <Joe.Smallwood@ormondbeach.org>; John Boden <bodenjohn@codb.us>; Joseph Crum <jcrum46@yahoo.com>; Joseph Vogeley <vogeleyj@deland.org>; Jurgen Betz <jbetz10237@aol.com>; Kevin Perry <kevinperry101@hotmail.com>; Kim Cherbano <kcherbano@ponce-inlet.org>; Kim

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Cc: Steve Wood <buildingofficial@debary.org> <buildingofficial@debary.org>; Fuchs, Don <dfuchs@cityofviedo.net>

Subject: [EXT] Plumbing pressure test: Potable water

Group:

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Thank you,

Glenn B. Pereno; CBO/PX/BN
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