Wisconsin Department of Safety and Professional Services
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Tony Evers, Governor
Dawn B. Crim, Secretary

VIRTUAL/TELECONFERENCE
PLUMBING CODE ADVISORY COMMITTEE MEETING
Virtual, 4822 Madison Yards Way, Madison
Contact: Brad Wojciechowski (608) 266-2112
October 27, 2021

The following agenda describes the issues that the Committee plans to consider at the meeting. At the time of the meeting, items may be removed from the agenda. Please consult the meeting minutes for a record of the actions of the Committee.

AGENDA

10:00 A.M.

OPEN SESSION – CALL TO ORDER – ROLL CALL

A. Adoption of Agenda (1-2)

B. Approval of Minutes for September 28, 2021 (3-4)

C. Reminders: Scheduling Concerns
1) Attendance Conflicts Impacting October 27, 2021 Meeting
2) Attendance Confirmation for November 18, 2021 Meeting

D. Administrative Matters – Discussion and Consideration
1) Committee, Department and Staff Updates

E. Administrative Rule Matters – Discussion and Consideration
1) Review of Plumbing Code Changes **(5-22)**
   a. SPS 302 – Fee Schedule
   b. SPS 381 – Definitions and Standards
   c. SPS 382 – Design, Construction, Installation, Supervision, Maintenance, and Inspection of Plumbing
   d. SPS 384 – Plumbing Products

F. Public Comments

ADJOURNMENT

NEXT MEETING: NOVEMBER 18, 2021

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MEETINGS AND HEARINGS ARE OPEN TO THE PUBLIC, AND MAY BE CANCELLED WITHOUT NOTICE.

Times listed for meeting items are approximate and depend on the length of discussion and voting. All meetings are held at 4822 Madison Yards Way, Madison, Wisconsin, unless otherwise noted. In order to

confirm a meeting or to request a complete copy of the board's agenda, please call the listed contact person. The board may also consider materials or items filed after the transmission of this notice. Times listed for the commencement of disciplinary hearings may be changed by the examiner for the convenience of the parties. Requests for interpreters for the deaf or hard of hearing, or other accommodations, are considered upon request by contacting the Affirmative Action Officer, 608-266-2112, or the Meeting Staff at 608-266-5439.

VIRTUAL/TELECONFERENCE
PLUMBING CODE ADVISORY COMMITTEE
MEETING MINUTES
SEPTEMBER 28, 2021

PRESENT: Fred Gardner, Joseph Kiedrowski, Justin Kressin, Roger Musolff, Jason Sladky, Spencer Statz

EXCUSED: Randy Lorge

STAFF: Brad Wojciechowski, Executive Director; Jameson Whitney, Legal Counsel; Benjamin Jones, Legal Counsel; Garry Krause, Bureau Director; Tony Martin, Plumbing Plan Reviewer; Glen Schlueter, Plumbing Product Reviewer; Bruce Meiners, Plumbing Consultant; Philip Harkleroad, Section Chief; Ron Soquet, Plumbing Plan Reviewer; Justin Gavin, Integrated Services Section Chief-Commercial Buildings; Brandon Piper, Administrator-Division of Industry Services; Erik Hansen, Business Systems Consultant-Sr.; Kimberly Lee, Consultant, Building Systems-Senior; Jason Hansen, Consultant, Building Systems-Adv; Megan Glaeser, Bureau Assistant; and other Department staff

Jason Sladky, Chairperson, called the meeting to order at 10:01 a.m. A majority of six (6) members was present.

ADOPTION OF AGENDA

MOTION: Spencer Statz moved, seconded by Roger Musolff, to adopt the Agenda as published. Motion carried unanimously.

APPROVAL OF MINUTES OF AUGUST 24, 2021

MOTION: Roger Musolff moved, seconded by Fred Gardner, to approve the Minutes of August 24, 2021 as published. Motion carried unanimously.

ADMINISTRATIVE RULE MATTERS

Review of Plumbing Code Changes

MOTION: Fred Gardner moved, seconded by Roger Musolff, to recommend approval of SPS 381 Definitions and Standards (sections 381.01(218A), Table 381.20-3E, Table 381.20-X(ASPE), Table 381.20-5, Table 381.20-11) as outlined in the 9/28/2021 agenda materials with appropriate notes. Motion carried unanimously.

MOTION: Joseph Kiedrowski moved, seconded by Spencer Statz, to recommend approval of SPS 382 Design, Construction, Installation, Supervision, Maintenance, and Inspection of Plumbing (sections 382.50(3)(B)6, 382.50(3)(B)6 bm to f, 382.33(9)(f), 382.33(9)(f)1, 382.33(9)(f)3, 382.50(3)(B) Intro and 1, 382.40(7), 382.36(3)(D), 382.36(10), 382.70, 382.40(8)(D)7, 382.37(2)(G)3, 382.33(9)(X)X.X, 382.40(8)(d)3.b, 382.40

Notes) as outlined in the 9/28/2021 agenda materials with appropriate notes. Motion carried unanimously.

MOTION: Justin Kressin moved, seconded by Roger Musolff, to recommend approval of SPS 384 Plumbing Products (sections Table 384.11, 384.20(5)(R)6, 384.40(16)(A)) as outlined in the 9/28/2021 agenda materials with appropriate notes. Motion carried unanimously.

MOTION: Roger Musolff moved, seconded by Fred Gardner, to recommend approval of item 178 as outlined in the 9/28/2021 agenda materials with appropriate notes. Motion carried unanimously.

MOTION: Roger Musolff moved, seconded by Justin Kressin, to take no action with regard to items 176 and 177 in the 9/28/2021 agenda materials. Motion carried unanimously.

MOTION: Fred Gardner moved, seconded by Justin Kressin, to recommend approval of IECC Option 2 as outlined in the 9/28/2021 agenda materials with appropriate notes. Motion carried unanimously.

ADJOURNMENT

MOTION: Fred Gardner moved, seconded by Joseph Kiedrowski, to adjourn the meeting. Motion carried unanimously.

The meeting adjourned at 12:03 p.m.

State of Wisconsin
Department of Safety & Professional Services

AGENDA REQUEST FORM

1) Name and title of person submitting the request: **Bruce Meiners**		**2) Date when request submitted:** **10/13/2021** **Items will be considered late if submitted after 12:00 p.m. on the deadline date which is 8 business days before the meeting**
3) Name of Board, Committee, Council, Sections: **Plumbing Code Advisory Committee**		
4) Meeting Date: **10/27/2021**	**5) Attachments:** ☒ **Yes** ☐ **No**	**6) How should the item be titled on the agenda page?** **Administrative Rule Matters** 1. Review of Plumbing Code Changes under SPS 302, 381, 382, 384.
7) Place Item in: ☒ **Open Session** ☐ **Closed Session**	**8) Is an appearance before the Board being scheduled?** *(If yes, please complete **Appearance Request** for Non-DSPS Staff)* ☐ **Yes** ☒ **No**	**9) Name of Case Advisor(s), if required:**

10) Describe the issue and action that should be addressed:

1. **Review of Draft review table for SPS (pdf)**
2. **Member questions, issues, etc.**

11) Authorization

Bruce Meiners — 10/13/2021

Signature of person making this request — **Date**

Supervisor (if required) — **Date**

Executive Director signature (indicates approval to add post agenda deadline item to agenda) — **Date**

Directions for including supporting documents:
1. **This form should be attached to any documents submitted to the agenda.**
2. **Post Agenda Deadline items must be authorized by a Supervisor and the Policy Development Executive Director.**
3. **If necessary, provide original documents needing Board Chairperson signature to the Bureau Assistant prior to the start of a meeting.**

Wisconsin Department of Safety and Professional Services

Plumbing Code Advisory Committee Plumbing Code Rule Recommendations for SPS Chapters 305, 381 to 387

DRAFT – SUBJECT TO CHANGE

THIS DOCUMENT IS NOT A RULE DRAFT OR THE OFFICIAL MEETING MINUTES OF THE PLUMBING CODE ADVISORY COMMITTEE.

Meeting minutes and agendas may be viewed HERE.

SPS 382						
NO.	RULE PROVISION	ISSUE/REASON FOR CHANGE	PROPOSED BY	EXISTING LANGUAGE AND PROPOSED CHANGE	POTENTIAL IMPACT/COST	COMMENTS/STATUS
				Document for October 27, 2021, meeting.	**10/14/2021 7:45am 1:30pm 5:27pm**	
				Submit by October 13th		

NO.	RULE PROVISION	ISSUE/REASON FOR CHANGE	PROPOSED BY	EXISTING LANGUAGE AND PROPOSED CHANGE	POTENTIAL IMPACT/COST	COMMENTS/STATUS
181	382.31(18M) 3. F & G	CLARITY AND CONSISTENCY WITH ADOPTED STANDARDS	DSPS/GLEN S.	**REVISED STIPULATION:** 3. THE AAV SHALL BE LOCATED: A. A MINIMUM OF 4 IN. ABOVE THE TOP OF THE HORIZONTAL PIPE BEING SERVED (SEE NOTE 1), B. NO MORE THAN 20 IN. BELOW THE FLOOD RIM OF ANY FIXTURE SERVED BY THIS PRODUCT (SEE NOTE 1), C. AT LEAST 6 IN. ABOVE INSULATION MATERIALS (SEE NOTE 1), D. IN AN ACCESSIBLE AREA, E. WITHIN A VENTILATED SPACE THAT ALLOWS AIR TO ENTER THE PRODUCT AND HAS AN OPENING EQUIVALENT TO REQUIREMENTS IN 382.31(14). F. ~~WITH AT LEAST ONE VENT CONNECTED TO THE BUILDING DRAIN WASTE AND VENT SYSTEM AND LOCATED DOWNSTREAM OF AAV EXTENDING TO OUTSIDE ATMOSPHERE.~~ ~~G.~~ ~~WITH A 3 IN. OR LARGER VENT TO THE OUTSIDE ATMOSPHERE CONNECTED TO THE BUILDING DRAIN WASTE AND VENT SYSTEM~~ F. WITH AT LEAST ONE 3-IN. OR LARGER DIAMETER VENT, SERVING THE SAME BUILDING DRAIN ON WHICH THE AAV IS INSTALLED, WHICH EXTENDS TO THE ATMOSPHERE OUTSIDE OF THE BUILDING. NOTE 1: THE DISTANCE IS MEASURED FROM TERMINATION OF THE VENT PIPE TO THE POINT NOTED IN THE STIPULATION.	-	ALTER AAV CODE LANGUAGE ADOPTED EARLIER THIS SESSION; ISSUE # 18 FROM MARCH AGENDA. ASSE STANDARDS 1049, 1050 AND 1051
182	384.20(5)		DSPS/RYAN B.	(D) CHEMICAL DISPENSING SYSTEMS. CHEMICAL DISPENSING SYSTEMS SHALL CONFORM TO ASSE 1055, OR PROVIDED WITH AN ACCEPTABLE CROSS CONNECTION CONTROL METHOD, DEVICE, OR ASSEMBLY IN ACCORDANCE WITH SPS 382.41(3) AND TABLE 382.41-1, WIS ADM CODE.		
LEACHING/STORMWATER STORAGE CHAMBERS↓						
183	TABLE 381.20-5, TABLE 384.11, 384.40(6)(H)3.	↓	DSPS/GLEN S.	ASTM F2418-19 (STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS	-	NEW, PP LEACHING CHAMBERS

184	TABLE 381.20-5, TABLE 384.11, 384.40(6)(H)1.	UPDATE/INCREASE OPTIONS/DECREASE ALTERNATE APPROVALS AND PETITIONS	DSPS/GLENS.	ASTM F2787-13 (STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS) (H) *LEACHING CHAMBERS.* LEACHING CHAMBERS FOR DISTRIBUTION CELL COMPONENTS OF POWTS OR STORMWATER SUBSURFACE INFILTRATION SYSTEMS SHALL MEET ALL OF THE FOLLOWING REQUIREMENTS: ~~1. CONSTRUCTED OF CORROSION RESISTANT MATERIALS.~~ ~~2. DESIGNED TO PREVENT SOIL SURROUNDING THE CHAMBER FROM ENTERING THE CHAMBER.~~ ~~3. CAPABLE OF WITHSTANDING PRESSURES THAT THE LEACHING CHAMBER IS INTENDED TO ENCOUNTER.~~ (H) *LEACHING CHAMBERS.* LEACHING CHAMBERS FOR DISTRIBUTION CELL COMPONENTS OF POWTS OR STORMWATER SUBSURFACE INFILTRATION SYSTEMS SHALL MEET ALL OF THE FOLLOWING REQUIREMENTS: 1. DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH ASTM F2787-13 2. POLYETHYLENE LEACHING CHAMBERS SHALL CONFORM TO ASTM F2922-13 3. POLYPROPYLENE LEACHING CHAMBERS SHALL CONFORM TO ASTM F2418-19 4. CONSTRUCTED OF CORROSION RESISTANT MATERIALS. 5. DESIGNED TO PREVENT SOIL SURROUNDING THE CHAMBER FROM ENTERING THE CHAMBER. 6. CAPABLE OF WITHSTANDING PRESSURES THAT THE LEACHING CHAMBER IS INTENDED TO ENCOUNTER.	-	NEW, LEACHING CHAMBER DESIGN
185	TABLE 381.20-5, TABLE 384.11, 384.40(6)(H)2.	↑	DSPS/GLENS.	ASTM F2922-13 (STANDARD SPECIFICATION FOR POLYETHYLENE (PE) CORRUGATED STORMWATER COLLECTION CHAMBERS)	-	NEW, PE LEACHING CHAMBERS
186	TABLE 381.20-5, TABLE 384.11	↑	DSPS/GLENS.	ASTM F2737-11(R2021)(STANDARD SPECIFICATION FOR CORRUGATED HDPE WATER QUALITY UNITS)		PLUMBING, POWTS AND REUSE
HYDRODYNAMIC VORTEX SEPARATORS↓						
187	TABLE 381.20-5, TABLE 384.11, 382.36(7)E.	UPDATE/INCREASE OPTIONS/DECREASE ALTERNATE APPROVALS AND PETITIONS	DSPS/GLENS.	ASTM C1745/C1745M-18 (STANDARD TEST METHOD FOR MEASUREMENT OF HYDRAULIC CHARACTERISTICS OF HYDRODYNAMIC STORMWATER SEPARATORS AND UNDERGROUND SETTLING DEVICES) HYDRODYNAMIC STORMWATER SEPARATORS SHALL CONFORM TO ASTM F1745/F1745M.	-	NEW, ADVANCED HYDRODYNAMIC VORTEX SEPARATORS (AHVS)
				PIPING↓		

188	TABLE 381.20-5, TABLE 384.30	UPDATE/INCREASE OPTIONS/DECREASE ALTERNATE APPROVALS AND PETITIONS↓	DSPS/GLENS.	ASTM F714-21A (STANDARD SPECIFICATION FOR POLYETHYLENE (PE) PLASTIC PIPE (DR-PR) BASED ON OUTSIDE DIAMETER)	-	PE PIPE FOR SANITARY BUILDING SEWER AND STORM BUILDING SEWER. MATERIAL IS USED FOR DIRECTIONAL DRILLING
189	TABLE 381.20-5, TABLE 384.11		DSPS/GLENS.	ASTM F1962-20 (STANDARD GUIDE FOR USE OF MAXIM-HORIZONTAL DIRECTIONAL DRILLING FOR PLACEMENT OF POLYETHYLENE PIPE OR CONDUIT UNDER OBSTACLES, INCLUDING RIVER CROSSINGS)	-	STANDARD FOR DIRECTIONAL DRILLING COMPLIMENTS THE PREVIOUS AGENDA ITEM.↑
190	TABLE 381.20-5, TABLE 384.30	↑	DSPS/GLENS.	ASTM F1732-12(R2018)(STANDARD SPECIFICATION FOR PVC SEWER AND DRAIN PIPE CONTAINING RECYCLED PVC MATERIAL)		GREEN
191	TABLE 381.20-5, TABLE 384.30	↑	DSPS/GLENS.	ASTM F1760-16(R2020) (STANDARD SPECIFICATION FOR COEXTRUDED PVC NON-PRESSURE PLASTIC PIPE HAVING REPROCESSED-RECYCLED CONTENT)		GREEN
192	TABLE 381.20-5, TABLE 384.30	↑	DSPS/GLENS.	ASTM F2390-21 (STANDARD SPECIFICATION FOR PVC PLASTIC DRAIN, WASTE AND VENT (DWV) PIPE AND FITTINGS HAVING POST-INDUSTRIAL RECYCLE CONTENT)		GREEN
193	TABLE 381.20-5, TABLE 384.30, 384.30(2)(F)	UPDATE/INCREASE OPTIONS/DECREASE ALTERNATE APPROVALS AND PETITIONS	DSPS/GLENS.	ASTM F1412-16 (STANDARD SPECIFICATION FOR POLYOLEFIN PIPE AND FITTINGS FOR CORROSIVE WASTE DRAINAGE SYSTEMS) (F) WASTE PIPING RECEIVING ACIDS OR CORROSIVE CHEMICALS, AND EACH VENT PIPE CONNECTED TO IT, SHALL BE COMPRISED OF CHLORINATED POLYVINYLCHLORIDE [CPVC (ASTM F2618)], POLYPROPYLENE [PP (ASTM F1412)] OR POLYVINYLIDENE FLUORIDE [PVDF (ASTM F1673)]. (F) 1. NO CHEMICAL VENT SHALL BE CONNECTED TO VENTS FOR OTHER USES. (F) 2. ALL CHEMICAL WASTES SHALL BE DISCHARGED IN ACCORDANCE WITH APPLICABLE WDNR REGULATIONS. A DISCHARGE PERMIT MAY BE REQUIRED BY THE WDNR: HTTPS://DNR.WISCONSIN.GOV/TOPIC/WASTEWATER/PERMITS.HTML (F) 3. DILUTED CHEMICALS. THIS CODE SECTION SHALL NOT APPLY TO INSTALLATIONS WHERE SMALL VOLUMES OF PROPERLY DILUTED CHEMICALS ARE DISCHARGED (E.G. PHOTOGRAPHY DARKROOMS, CLINICS) (F) ~~CHEMICAL DRAIN AND VENT PIPE. DRAIN SYSTEMS AND VENT SYSTEMS FOR CHEMICAL WASTES SHALL BE OF APPROVED CORROSION RESISTANT MATERIAL. THE MANUFACTURER OF THE PIPE SHALL INDICATE TO THE DEPARTMENT THE MATERIAL'S SUITABILITY FOR THE CONCENTRATIONS OF CHEMICALS INVOLVED.~~		NEW OPTION, PP CHEM. WASTE. NOTE, THE ASTM F2618 STANDARD WAS ADOPTED DURING THE AUGUST CODE COUNCIL SESSION.

194	TABLE 381.20-5, TABLE 384.30	↑	DSPS/GLENS.	ASTM F1673-10(R2016) (STANDARD SPECIFICATION FOR POLYVINYLIDENE FLUORIDE (PVDF) WASTE DRAINAGE SYSTEMS)		NEW OPTION, PVDF CHEM. WASTE
195	TABLE 381.20-3E, TABLE 384.30	↑	DSPS/GLENS.	ASME A112.3.1(STAINLESS STEEL DRAINAGE SYSTEMS FOR SANITARY DWV, STORM AND VACUUM APPLICATIONS ABOVE AND BELOW GROUND)		COMPREHENSIVE SS STANDARD FOR DWV.
196	TABLE 381.20-5, TABLE 384.30	↑	DSPS/GLENS.	ASTM F2855-19(STANDARD SPECIFICATION FOR CPVC-AL-CPVC COMPOSITE PRESSURE TUBING)		NEW, ADDITIONAL OPTION FOR WATER SUPPLY PIPING
197	TABLE 381.20-5, TABLE 384.30	↑	DSPS/GLENS.	ASTM A554-21 (STANDARD SPECIFICATION FOR WELDED STAINLESS STEEL MECHANICAL TUBING)		NEW, ADDITIONAL OPTION FOR WATER SUPPLY PIPING
198	TABLE 381.20-5, TABLE 384.30	↑	DSPS/GLENS.	ASTM B43-20 (STANDARD SPECIFICATION FOR SEAMLESS RED BRASS PIPE, STANDARD SIZES)		NEW, ADDITIONAL OPTION FOR WATER SUPPLY PIPING
199	TABLE 381.20-5, TABLE 384.30	↑	DSPS/GLENS.	ASTM B75-B75M-20(STANDARD SPECIFICATION FOR SEAMLESS COPPER TUBE)		NEW, ADDITIONAL OPTION FOR WATER SUPPLY PIPING
200	TABLE 381.20-5, TABLE 384.30	↑	DSPS/GLENS.	ASTM B135-B135M-17(STANDARD SPECIFICATION FOR SEAMLESS BRASS TUBE)		NEW, ADDITIONAL OPTION FOR WATER SUPPLY PIPING
201	TABLE 381.20-5, TABLE 384.30	↑	DSPS/GLENS.	ASTM B447-12A(R2021)(STANDARD SPECIFICATION FOR WELDED COPPER TUBE)		NEW, ADDITIONAL OPTION FOR WATER SUPPLY PIPING
201	TABLE 381.20-5, TABLE 384.30	↑	DSPS/GLENS.	ASTM C4-04(R2018)(STANDARD SPECIFICATION FOR CLAY DRAIN TILE AND PERFORATED CLAY DRAIN TILE)		NEW, ADDITIONAL OPTION FOR SUBSOIL
203	TABLE 381.20-5, TABLE 384.30	↑	DSPS/GLENS.	ASTM F1901-16(STANDARD SPECIFICATION FOR PE PIPE AND FITTINGS FOR ROOF DRAIN SYSTEMS)		PE PIPE FOR ROOF DRAIN SYSTEMS
204	TABLE 381.20-5, TABLE 384.30	↑	DSPS/GLENS.	ASTM F2881/2881M-21(STANDARD SPECIFICATION FOR 12 TO 60 IN. PP DUAL WALL PIPE AND FITTINGS FOR NON-PRESSURE STORM SEWER APPLICATIONS)		NEW, ADDITIONAL OPTION FOR STORM PIPING
205	TABLE 381.20-5, TABLE 384.30	↑	DSPS/GLENS.	ASTM F3346-19(STANDARD SPECIFICATION FOR PE-RT-AL-PE-RT COMPOSITE PRESSURE PIPE)		NEW, ADDITIONAL OPTION FOR WATER SUPPLY PIPING
206	TABLE 381.20-5, TABLE 384.30	↑	DSPS/GLENS.	ASTM F894-19(PE LARGE DIAMETER PROFILE WALL SEWER AND DRAIN PIPE)		NEW, ADDITIONAL OPTIONS FOR STORM AND SANITARY

207	TABLE 381.20-5, TABLE 384.30	↑	DSPS/GLENS.	ASTM F2763/F2763M-16(R2021)(STANDARD SPECIFICATION FOR 12 TO 60 IN. DUAL- AND TRIPLE PROFILE WALL PE PIPE AND FITTINGS FOR SANITARY SEWER APPLICATIONS)		NEW, ADDITIONAL OPTION FOR SANITARY PIPING
208	TABLE 381.20-5, TABLE 384.30	↑	DSPS/GLENS.	ASTM F2767/F2764M-19(STANDARD SPECIFICATION FOR 6 TO 60 IN. PP CORRUGATED DOUBLE- AND TRIPLE WALL PIPE AND FITTINGS FOR NON-PRESSURE SANITARY SEWER APPLICATIONS)		NEW, ADDITIONAL OPTION FOR SANITARY PIPING
209	TABLE 381.20-5, TABLE 384.30	↑	DSPS/GLENS.	ASTM F2165-19(STANDARD SPECIFICATION FOR FLEXIBLE PRE-INSULATED PLASTIC PIPING)		NEW, ADDITIONAL OPTION FOR WATER SUPPLY PIPING
JOINING METHODS↓						
210	TABLE 381.20-5, TABLE 384.11	UPDATE/INCREASE OPTIONS	DSPS/GLENS.	ASTM F2620-20 (STANDARD PRACTICE FOR HEAT FUSION JOINING OF POLYETHYLENE PIPE AND FITTINGS)		PE SPECIFIC JOINING METHOD
211	TABLE 381.20-5, TABLE 384.11	↑	DSPS/GLENS.	ASTM F3190-21(STANDARD PRACTICE FOR HEAT FUSION EQUIPMENT (HFE) OPERATOR QUALIFICATION ON PE AND POLYAMIDE PIPE AND FITTINGS)		PE/PP JOINING METHOD
FITTINGS & CONNECTIONS↓						
212	TABLE 381.20-5, TABLE 384.11	UPDATE/INCREASE OPTIONS	DSPS/GLENS.	ASTM C1478-20(STANDARD SPECIFICATION FOR STORM DRAIN RESILIENT CONNECTORS BETWEEN REINFORCED CONCRETE STORM SEWER STRUCTURES, PIPES AND LATERALS)		FITTINGS↓
213	TABLE 381.20-5, TABLE 384.11	↑	DSPS/GLENS.	ASTM C1628-19(STANDARD SPECIFICATION FOR JOINTS FOR CONCRETE GRAVITY FLOW SEWER PIPE USING RUBBER GASKETS)		
214	TABLE 381.20-5, TABLE 384.11	↑	DSPS/GLENS.	ASTM C1644-06(R2017)(STANDARD SPECIFICATION FOR RESILIENT CONNECTORS BETWEEN REINFORCED CONCRETE ON-SITE WASTEWATER TANKS AND PIPES)		
215	TABLE 381.20-5, TABLE 384.11	↑	DSPS/GLENS.	ASTM 1974-09(R2020)STANDARD SPECIFICATION FOR METAL INSERT FITTINGS FOR PE-AL-PE AND CROSSLINKED PEX-AL-PEX COMPOSITE PRESSURE PIPE)		
216	TABLE 381.20-5, TABLE 384.11	↑	DSPS/GLENS.	ASTM F1055-16A(STANDARD SPECIFICATION FOR ELECTROFUSION TYPE POLYETHYLENE FITTINGS FOR OUTSIDE DIAMETER CONTROLLED POLYETHYLENE AND PEX PIPE AND TUBING)		
217	TABLE 381.20-5, TABLE 384.11	↑	DSPS/GLENS.	ASTM F2434-19(STANDARD SPECIFICATION FOR METAL INSERT FITTINGS UTILIZING A COPPER CRIMP RING FOR SDR9 PEX AND SDR9 PEX-AL-PEX TUBING)		
218	TABLE 381.20-5, TABLE 384.11	↑	DSPS/GLENS.	ASTM F2510-2510M-17(STANDARD SPECIFICATION FOR RESILIENT CONNECTORS BETWEEN REINFORCED CONCRETE MANHOLE STRUCTURES AND CORRUGATED DUAL- AND TRIPLE-WALL PE AND PP PIPES)		

<table>
<tr><td>219</td><td>TABLE 381.20-5, TABLE 384.11</td><td>↑</td><td>DSPS/GLENS.</td><td>ASTM F2735-21(STANDARD SPECIFICATION FOR PLASTIC INSERT FITTINGS FOR SDR9 PEX AND PE-RT TUBING)</td><td></td><td></td></tr>
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<tr><td>220</td><td>TABLE 381.20-5, TABLE 384.11</td><td>↑</td><td>DSPS/GLENS.</td><td>ASTM F2829/F2829M-21 (STANDARD SPECIFICATION FOR METRIC- AND INCH-SIZED FITTINGS FOR PEX PIPE)</td><td></td><td></td></tr>
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<tr><td>221</td><td>TABLE 381.20-5, TABLE 384.11</td><td>↑</td><td>DSPS/GLENS.</td><td>ASTM F2854-21(STANDARD SPECIFICATION FOR PUSH-FIT PEX MECHANICAL FITTINGS FOR PEX TUBING)</td><td></td><td></td></tr>
<tr><td colspan="7">GREASE↓</td></tr>
<tr><td>222</td><td>TABLE 381.20-5, TABLE 384.11</td><td>↓</td><td>DSPS/GLENS.</td><td>ASTM C163-17(STANDARD SPECIFICATION FOR PRECAST CONCRETE GREASE INTERCEPTOR TANKS)</td><td></td><td></td></tr>
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<tr><td>223</td><td>TABLE 381.20-5, TABLE 384.11</td><td></td><td>DSPS/GLENS.</td><td>ASTM F2649-14(R2019)(STANDARD SPECIFICATION FOR CORRUGATED HDPE GREASE INTERCEPTOR TANKS)
FOG (FATS, OILS & GREASES) TABLE
<table>
<tr><th>Standard Designation</th><th>Title</th></tr>
<tr><td>ASME/ANSI A112.14.3-2018</td><td>Hydromechanical Grease Interceptors</td></tr>
<tr><td>ASME A112.14.4-2001 (R2012)</td><td>Grease Removal Devices</td></tr>
<tr><td>ASME A112.14.6-2010</td><td>FOG (Fats, Oils and Greases) Disposal Systems</td></tr>
<tr><td>ASTM F2649-14(R2019)</td><td>Corrugated HDPE Grease Interceptor Tanks)</td></tr>
<tr><td>CSA B481 Series-12 (R2017)</td><td>Grease Interceptors</td></tr>
<tr><td>ASTM C163-17</td><td>Precast Concrete Grease Interceptor Tanks</td></tr>
<tr><td>IAPMO/ANSI Z1001-2013</td><td>Prefabricated Grease Interceptors</td></tr>
<tr><td>PDI-G 101 (R2017)</td><td>Testing and Rating Procedure for Hydro Mechanical Grease Interceptors with Appendix of Installation and Maintenance</td></tr>
<tr><td>PDI-G 102 (2009)</td><td>Testing and Certification for Grease Interceptors with FOG Sensing and Alarm Devices</td></tr>
</table></td><td></td><td>BALANCE (UNHIGHLIGHTED) OF GREASE INTERCEPTOR STANDARDS WERE ADOPTED DURING THE JULY CODE COUNCIL SESSION.</td></tr>
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</table>

PIPE LINING/REHABILITATION↓						
224	TABLE 381.20-5, TABLE 384.11, SPS 382.21(5)(A) SPS 382.21(5)(B)	UPDATE/INCREASE OPTIONS/DECREASE ALTERNATE APPROVALS AND PETITIONS	DSPS/GLEN S.	ASTM F1216-16 (STANDARD PRACTICE FOR REHABILITATION OF EXISTING PIPELINES AND CONDUITS BY THE INVERSION AND CURING OF A RESIN-IMPREGNATED TUBE) (5)(A) A GIVEN PIPE SHALL BE REHABILITATED, REPAIRED OR LINED ONLY ONCE. IF A REHABILITATED, REPAIRED OR LINED PIPE IS DISTURBED IN ANY WAY THAT MAY DAMAGE THE LINING, THEN THE PIPING SHALL BE REPLACED WITH NEW PIPING THAT CONFORMS TO TABLE SPS 384.30. 1. THE PIPE TO BE REHABILITATED, REPAIRED OR LINED SHALL BE CLEAN AND FREE OF OBSTRUCTIONS WITH ITS STRUCTURAL INTEGRITY INTACT. 2. THE REHABILITATION, REPAIR OR LINING SHALL NOT SIGNIFICANTLY DECREASE PIPE DIAMETER IN THE DIRECTION OF FLOW. 3. A LABEL SHALL BE ATTACHED AT INTERVALS ≤ 20 FT. WHEN ABOVE GROUND, AND AT EACH FIXTURE CONNECTION, WHICH INCLUDES THE FOLLOWING MINIMUM INFORMATION: A. THE MANUFACTURER'S NAME, B. "CAUTION: CIPP EPOXY LINED PIPE", AND C. A WARNING AGAINST USING HEAT/FLAME ON ANY PORTION OF THE LINED PIPE. 4. INSTALLERS OF TRENCHLESS REHABILITATION, REPAIR AND LINING TECHNOLOGIES SHALL CARRY TANGIBLE PROOF OF MANUFACTURER SPONSORED FACTORY TRAINING FOR THE SPECIFIC METHOD THEY USE. (5)(B) TRENCHLESS METHODS USED TO REPAIR EXISTING BUILDING SEWER PIPES AND STORM BUILDING SEWER PIPES SHALL BE INSTALLED IN ACCORDANCE WITH ASTM F1216, ASTM F2561, ASTM F2599 OR ASTM F3240.		
225	TABLE 381.20-5, TABLE 384.11, 382.21(5)(A)	↑	DSPS/GLEN S.	ASTM F1743-17 [STANDARD PRACTICE FOR REHABILITATION OF EXISTING PIPELINES AND CONDUITS BY PULLED IN- PLACE INSTALLATION OF CURED-IN-PLACE THERMOSETTING RESIN PIPE (CIPP)]		
226	TABLE 381.20-5, TABLE 384.11, S. 382.21(5)(A)	↑	DSPS/GLEN S.	ASTM F2561-20 (STANDARD PRACTICE FOR REHABILITATION OF A SEWER SERVICE LATERAL AND ITS CONNECTION TO THE MAIN USING A ONE-PIECE MAIN AND LATERAL CURED-IN-PLACE LINER)		
227	TABLE 381.20-5, TABLE 384.11, 382.21(5)(A)	↑	DSPS/GLEN S.	ASTM F2599-20(STANDARD PRACTICE FOR SECTIONAL REPAIR OF DAMAGED PIPE BY MEANS OF AN INVERTED CURED-IN-PLACE LINER)		
228	TABLE 381.20-5, TABLE 384.11, 382.21(5)(A)	↑	DSPS/GLEN S.	ASTM F3240-19 STANDARD PRACTICE FOR INSTALLATION OF SEAMLESS MOLDED HYDROPHILIC GASKETS (SMHG) FOR LONG-TERM WATERTIGHTNESS OF CURED-IN-PLACE REHABILITATION OF MAIN AND LATERAL PIPELINES		

229	TABLE 381.20-5, TABLE 384.11, 382.21(5)(C)	↑	DSPS/GLENS.	ASTM F2831-19(STANDARD PRACTICE FOR INTERNAL NON-STRUCTURAL EPOXY BARRIER COATING MATERIAL USED IN REHABILITATION OF METALLIC PRESSURIZED PIPING SYSTEMS) (5)(C) EPOXY LINING METHODS USED TO REHABILITATE PRESSURE PIPING SYSTEMS SHALL CONFORM TO ASTM F2831. (5)(D) EPOXY LINING SYSTEMS APPLIED TO POTABLE WATER SYSTEMS SHALL ALSO CONFORM TO NSF/ANSI 61 OR THE HEALTH EFFECTS PORTION OF NSF/ANSI 14.		
230	TABLE 381.20-5, TABLE 384.11	↑	DSPS/GLENS.	ASTM F585-16(R2021) (STANDARD GUIDE FOR INSERTION OF FLEXIBLE PE PIPE INTO EXISTING SEWERS)		
POWTS↓						
231	TABLE 381.20-5, TABLE 384.11	UPDATE/INCREASE OPTIONS/DECREASE ALTERNATE APPROVALS AND PETITIONS	DSPS/GLENS.	B66-16(DESIGN, MATERIAL AND MANUFACTURING REQUIREMENTS FOR PREFABRICATED SEPTIC TANKS AND SEWAGE HOLDING TANKS)		POWTS
232	TABLE 381.20-5, TABLE 384.11	↑	DSPS/GLENS.	ASTM F481-97(R2019)(STANDARD PRACTICE FOR INSTALLATION OF THERMOPLASTIC PIPE AND CORRUGATED PIPE IN SEPTIC TANK LEACH FIELDS)		POWTS
232(A)	TABLE 381.20-4, TABLE 382.41-1, TABLE 384.11 TABLE 381.20-7E, TABLE 382.41.1, TABLE 384.11	UPDATE/INCREASE OPTIONS	DSPS/GLENS.	ASSE 1024-2017(R2021) (PERFORMANCE REQUIREMENTS FOR DUAL CHECK BACKFLOW PREVENTERS) CSA B64.6-11(R2016) [DUAL CHECK VALVE (DUC) BACKFLOW PREVENTERS]		LOW HAZARD, BACK PRESSURE AND BACK SIPHONAGE. NO CARBONATED BEVERAGE DISPENSERS.
232(B)	TABLE 381.20-4, TABLE 384.11	↑	DSPS/GLENS.	ASSE 1032-2004(R2021) (PERFORMANCE REQUIREMENTS FOR DUAL CHECK VALVE TYPE BACKFLOW PREVENTERS FOR CARBONATED BEVERAGE DISPENSERS, POST-MIX TYPE)		HIGH HAZARD, BACK PRESSURE AND BACK SIPHONAGE. SPECIFIC TO POST-MIX BEVERAGE DISPENSERS. NO VENT PORT.

<table>
<tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td>233</td><td>SPS 382.40(7)(f)<u>3.</u></td><td>Create</td><td></td><td>SPS 382.40(7)(F) Minimum sizes.
1. Water distribution piping 1/2" in diameter serving 2 or more plumbing fixtures may not have a load of more than 2 water supply fixture units.
2. Water distribution piping 1/2" in diameter serving a shower which is not individually pressure balanced or individually thermostatically blended may not serve any additional fixtures.
3. For water distribution sizing 3/8 in., 5/16 in., or ¼ in. see TABLE - <u>382.40(7)(f).</u>

TABLE - 382.40(7)(f)
<table><tr><td>Pipe/Tube Size (O.D., in.)</td><td>Max. Flow Rate (gpm)</td></tr><tr><td>3/8</td><td>1.5</td></tr><tr><td>5/16</td><td>1.0</td></tr><tr><td>1/4</td><td>0.5</td></tr></table></td><td></td><td>Bruce

Allows use of pipe smaller than ½ in.

Provides consistency with IECC and the We Stand Water Demand Calculator approved at the September meeting.</td></tr>
<tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td>234</td><td>382.40(5)(b)6.,</td><td>Create</td><td></td><td>Add to 382.40(5)(b)6.

6. Hot water circulation piping & tubing shall not exceed the maximum velocity requirements specified per the manufacturer.</td><td></td><td>TONY</td></tr>
<tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td>235</td><td>382.41(3)(b)4.e.</td><td>Revise</td><td></td><td>382.41(3)(b)4.e.
e. In the water supply piping connecting to the outlet of a fire hydrant for any purpose other than fire ~~suppression~~ fighting.</td><td></td><td>Bruce
Consistency
Firefighting is defined in SPS 330.</td></tr>
<tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td>236</td><td>382.50(3)(ag)3.</td><td>Create</td><td></td><td><u>382.50(3)(</u>ag<u>)3.</u> When an expansion tank is installed in the hot water distribution system, it shall be of the flow-through type.</td><td></td><td>BRUCE

Pathogen prevention</td></tr>
<tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
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237	**382.50(2)(b)**	**Revise**		**382.50(2)(b)** *Spouts and actions.* Except in psychiatric-care facilities in areas where patient safety is at risk with standard gooseneck spouts and actions, Tthe selection of spouts and actions on plumbing fixtures shall comply with this section and Table 382.50−1.		**BRUCE** Replaces alternate
238	**382.40(6)(c)**	**Create**		Codification of Water Heater Sizing Alternate Approval 382.40 (6) (c) created to read: (c) The load factor for an individual water heater serving a residence, apartment, living unit of a hotel or motel, and similar places where plumbing fixtures are intended for use by an individual, or family, to the exclusion of all others may be calculated as follows: 1. The minimum flow rate of a water heater may be obtained by multiplying the hot water demand calculated in accordance with Table 382.40-1 by a factor of 0.65. 2. The flow rate for a storage tank type water heater may be calculated based on a 70% usable storage plus the recovery rate and a 10 min. draw time. 3. The flow rate for tankless water heaters shall be based on a temperature increase that will provide 110°F at the at the most remote terminus. 4. This alternate sizing method shall not be applied to: a. Water heaters serving high flow fixtures, hose bibbs, hydrants or fixtures requiring ½-in. supply piping. High flow fixtures are fixtures with flow rates > 4.0 gpm @ 80 psig and a water velocity ≤ 8.0 ft./sec. b. Sizing hot water distribution piping. Note: See appendix for further explanatory material and examples	**382.40(5)** Make it user friendly for UDC inspectors and plumbers.	**Bruce or Glen** Replaces alternate

239	**382.33(8)(d)9.**	**Create**		CREATE **382.33(8)(d)9.** **9**. The indirect waste piping serving a dialysis machine may discharge to a water closet or lavatory under all the following conditions: **a.** The water closet or lavatory is in a patient toilet room of a single occupancy in a healthcare facility. **b.** The discharge to the plumbing fixture shall be made by either a temporary or permanent fixed 1" air-gap that will not impede normal operation of the fixture when not in dialysis mode. **c.** The discharge to the fixtures shall be limited to a department-approved portable healthcare dialysis appliance and a portable water treatment device specifically for dialysis use.		**BRUCE.** Replaces alternate  Alternate WC Receptor for Dialysis.c
240	**SPS 382.30(4)**	**Revise**		**(4)** SIZE OF DRAIN PIPING. (A) *MAXIMUM LOADING.* 1. The total drainage load in any portion of drain piping shall not exceed the limits specified in tables 382.30−2 and 382.30−3, or a detailed engineering analysis, acceptable to the department. 2. The drainage fixture unit values assigned to a receptor ~~which is to receive only the indirect waste discharge from a relief valve on a domestic water heater may be disregarded when determining the minimum size of the building drain and building sewer. Any drain piping between the receptor and the building drain shall be sized by including the assigned fixture unit values for the type of receptor~~. may be less than the limits specified in tables 382.30−2 and 382.30−3, based on an engineering design acceptable to the department using the anticipated flow into the receptor.		**BRUCE** 1. Now has the same language as storm and water sizing. **2.** Replaces a plumbing alternate for refrigerated case drains and expanded to all receptors receiving indirect or local waste
						FOOTNOTE FROM PROPOSED 382.30-

241	**SPS 302.64**	**Revise**	Ryan B.	**SPS 302.64 Plumbing systems.** (1) GENERAL. Plan examination fees for preliminary or complete plans shall accompany the plans and specifications when submitted. if the department determines, upon review of the plans, that inadequate fees were provided, the necessary additional fees shall be provided prior to departmental approval. (2) Examination fees. The plan examination fee shall be determined in accordance with Table. 302.64−1. The minimum fee shall be $85.00 per plan. When identical water distribution and building drain, waste, and vent systems are being submitted for multiple and identical buildings under the same application, it is permissible to apply the required fee for only one building's plumbing systems.		**302 FEES** **BRUCE**
242	**382.34(16)** **382.34(17)**	Move to the proper subchapter and sections.		**Subchapter III — Drain and Vent Systems** SPS 382.30 Sanitary drain systems. SPS 382.31 Vents and venting systems. SPS 382.32 Traps and direct fixture connections. SPS 382.33 Indirect and local waste piping. SPS 382.34 Wastewater treatment and holding devices. SPS 382.35 Cleanouts. **382.34(16)** WATER REUSE SYSTEMS. (a) *Treatment for reuse* **382.34(17)** WATER TREATMENT. (a) *water softeners* {These two above sections are newly approved by the Plumbing Code Advisory Committee and were mistakenly placed into in the wrong subchapter, *Drain and Vent Systems*. We are Proposing Moving *Water Reuse and Water Treatment out of* ***Subchapter III -Drain and Vent Systems*** *and out of* ***SPS 382.34*** *to a new Subchapter(s) and section(s).}*		Bruce

NO.	RULE PROVISION	ISSUE/REASON FOR CHANGE	PROPOSED BY	EXISTING LANGUAGE AND PROPOSED CHANGE	POTENTIAL IMPACT/COST	COMMENTS/STATUS
243	**382.36(4)**	**Revise**		**(4)** Discharge, and connections. ~~Dispersal, clearwater reuse or stormwater use~~. (a) Discharge points. the discharge points for stormwater and clearwater shall be as specified in table 382.38−1. (b) Segregation of wastewater. 1. Except as provided in subd. 2., Stormwater or clearwater piping may not connect to a sanitary drain system. 2. Where a combined sanitary−storm sewer system is available, stormwater, clearwater and sanitary wastewater may be combined in the building sewer. 3. Stormwater gravity drains shall not be combined with clearwater drains prior to discharging to the storm building drain except where approved by the department. 4. ~~Exterior~~ subsoil drain connections to the storm sewer shall be ~~above the top~~ at a point above the horizontal center line of the storm sewer and in such a manner that the subsoil drain is entirely above the top of the building sewer, storm. or ~~by use of~~ provided with a backwater valve. Note: See also table SPS 382.38−1 which limits clearwater discharges to sanitary sewer at 50 GPD. Note: For the use of stormwater or reuse of clearwater, refer to the appropriate requirements in SS. SPS 382.30, 382.34, 382.40, 382.41, 382.70 and this section. Note: For further explanatory material regarding the rational method, other methods and runoff coefficients, see CH. SPS 382 Appendix A−382.36 (4).		**BRUCE** clarity
244	**382.50(3)(b)4.c.**	Moved from (Sept meeting) proposed new language in 382.50 to this location.		**SPS 382.50(3)(b)4. c.** c. A balancing valve report shall be required at the time of final occupancy.		**BRUCE**

245	**TABLE 382.38-1**	**Revise**		**Table 382.38 - 1** **Allowable Discharge Points by Fb:ture or Specific Uses** se or Fixture / Allowable Discharge Points: POWTS[a]	Municipal Sanitary Sewer	Municipal Storm Sewer	Ground Surface	Combined Sanitary-Storm Sewer	Subsurface Dispersa l 1. Cross connection control device or assembly [see s. SPS 382.33 (9) (i)] — X | X | | X b, c,e | X | 2. Domestic wastewater — X | X | | | X | 3. Condensat e from high efficiency furnace or water heater — X | X | | | X | 4. Drinking fountain — X | X | X | Xb | X | X 5. Elevator pit drain [see s. SPS 382.33 (9) (f)] — | | X | Xb | X | X 6. Enclosed public parking levels — X | X | | Xb | X | X 7. Industrial wastewaterh — Xf | X | | | X | 8. Municipal well pump house floor drain and sink — X | X | | Xb | X | X 9. One- and 2- famil y garage floor area [see s. SPS 382.34 (4) (b)] — X | X | | Xb | X | 9.5. Garage catch basins or oil interceptors in public buildings and facilities. [see s.SPS 382.34(4)(a)1.a.] — X k.e. | X | | | | 10. Residential living unit air conditioner condensate — x | xg | xc | Xb | X | X 11. Stonn water. groundwater. fire sprinkler test dischargeand clear water — x | X g | | Xb | X | X 12. Secondaiy roof drain systems — | | | xi | | 13. Swimming pool or wading pool-diatomaceous earth filter backwash — x | x | | | X | 14. Swinuning pool or wading pool- drain wastewater — x | Xb | X b,c | X b,c | Xb | x 15. Swinuning pool or wading pool - sand filter back wash — x | Xb | X b,c | X b,c | Xb | x 16. Water heater temperature and pressure relief valve [see s. SPS 382.40 (5)] — x | x | x | Xb | X | x 17. Wastewater from water treatment device — x | x | | X b,c | X | X 18. Whirlpool back was h drain and wastewater — x | x | | X b,c | X | 19. Discharges not specifically listed abo ve — Contact the department • Allowed when the POWTS 1s designed to mclude designated wastewater. b Unless prohibited by local nnmicipality and when no nuisance is created. c A discharge pennit may be required by the department of namral resources. e Allowed for extelior installation and when no sanitaiy sewer is in the building. f Refer to the department of nanm11 re so urces for discharge regulations. g F ifty gallons per day. h The department ofnanm11 resources may require WPDES pennits for indushial discharge s and may allow other options. i S ubsurface dispersal must comply with s. SPS 382.365. i Discharge separate from the primaiy system and where observable. k. Discharge is required to be received by a holding tank.			**BRUCE.** clarity Putting in the table what was in the code language SPS 382.34(4)(a)1.a.

246	**382.34(5)**		Jason Sladky	**382.34(5)** Make more exact threshold for grease treatment. currently we operate out of suggestions and old FAQ sheets from the department.		Jason Sladky
247	**382.38-1**		Jason Sladky	**382.38-1** Do we/should we allow an accessory structure (shed or detached garage) to drain its floor to grade?		Jason Sladky
248	**382.34(5)(B)3.**	**Revise**	Jason Sladky	**382.34(5)(B)3.** Currently only the Department has the ability to require installation of devices to address FOG intrusion into the sewer. The local inspectors need this ability since they are the ones dealing with it. This connects to setting of standards where grease treatment is required. 'Existing installations.' The department, <u>or authority having jurisdiction,</u> may require the installation of any treatment device deemed necessary by the department for existing plumbing installations where the waterway of a drain system, sewer system or private onsite wastewater treatment system is reduced or filled due to grease.		Jason Sladky
249	**382.24(14)**		Jason Sladky	**382.24(14)** Currently chemical dilution basin vents are allowed to connect back to the main sanitary venting system if there is a trap/drop on the inlet to the dilution basin. This vent is still subject to vapors containing chemicals as well as all piping downstream of the basin.		Jason Sladky
250	**381(116) & 382.20-1**		Jason Sladky	**381(116) & 382.20-1** There is still confusion determining what is serving healthcare facilities for plan review.		Jason Sladky
251	**381(176)**		Jason Sladky	**381(176)** Definition of plumbing needs to include the conveyance of all storm or clear water regardless if it's connected to a storm sewer or discharges to grade.		Jason Sladky

252	**382.20(1)**		Jason Sladky	**382.20(1)** There needs to be a codified qualification process for assigning agent status to municipalities.		Jason Sladky