

Office of Regulatory Management  
Economic Review Form

<b>Agency name</b>	Board for Waterworks and Wastewater Works Operators and Onsite Sewage System Professionals
<b>Virginia Administrative Code (VAC) Chapter citation(s)</b>	18 VAC 160-30
<b>VAC Chapter title(s)</b>	Waterworks and Wastewater Works Operators Licensing Regulations
<b>Action title</b>	General Review of Waterworks and Wastewater Works Operators Licensing Regulations
<b>Date this document prepared</b>	October 15, 2024
<b>Regulatory Stage (including Issuance of Guidance Documents)</b>	Proposed (Action 6285 / Stage 10540)

**Cost Benefit Analysis**

Complete Tables 1a and 1b for all regulatory actions. You do not need to complete Table 1c if the regulatory action is required by state statute or federal statute or regulation and leaves no discretion in its implementation.

Table 1a should provide analysis for the regulatory approach you are taking. Table 1b should provide analysis for the approach of leaving the current regulations intact (i.e., no further change is implemented). Table 1c should provide analysis for at least one alternative approach. You should not limit yourself to one alternative, however, and can add additional charts as needed.

Report both direct and indirect costs and benefits that can be monetized in Boxes 1 and 2. Report direct and indirect costs and benefits that cannot be monetized in Box 4. See the ORM Regulatory Economic Analysis Manual for additional guidance.

**Table 1a: Costs and Benefits of the Proposed Changes (Primary Option)**

<p>(1) Direct &amp; Indirect Costs &amp; Benefits (Monetized)</p>	<ul style="list-style-type: none"> <li>• The timeframe for applicants to pass a board-approved exam after application approval is increased from twelve (12) to twenty-four (24) months.</li> <li>• This action (i) specifies that applicants must disclose felony convictions from the last twenty (20) years instead of all felony convictions; and (ii) limits the scope of misdemeanor convictions that must be disclosed to those involving “lying, cheating, or stealing.”</li> <li>• This action introduces a new provision stating that passing exam scores are now valid for a period of ten (10) years.</li> <li>• This action presents a reduction in education and experience requirements to obtain licensure for various classes of waterworks and wastewater works operators. These reductions encompass minimum experience required, experience with substitutions, and required science and math credits for those applying with a degree.</li> <li>• This action presents a reduction in continuing professional education (CPE) requirements required for renewal of some licenses. This reduction encompasses total required contact hours for Class 1, Class 2, and Class 3 waterworks and wastewater works operators, as well as Class 5 waterworks operators.</li> <li>• The reinstatement period for expired licenses is increased from one year to twenty-four (24) months.</li> <li>• This action requires that training course providers give proper documentation of course completion to participants and hold accurate records for each participant.</li> <li>• This action increases the number of days that a licensee has to report a change of name or address from thirty (30) to sixty (60).</li> <li>• This action revises the conflicts of interest provision to allow certain acts in 18 VAC 160-30-330, provided that the circumstances have been disclosed and agreed to by all parties in writing.</li> <li>• This action removes burdensome language, restructures sections of the regulation, and includes revisions to provide clarity for applicants and licensees throughout.</li> </ul> <p>Direct Costs:</p> <ul style="list-style-type: none"> <li>• CPE providers may see a cost in terms of lost revenue because of the reduced requirements for CPE contact hours.             <ul style="list-style-type: none"> <li>○ The average cost of a CPE course is \$16 per hour.</li> <li>○ CPE hours are reduced by two (2) hours for Class 1, Class 2, and Class 3 waterworks and wastewater works licensees, and Class 5 waterworks licensees.</li> <li>○ Providers could lose \$32 for each of these licensees (Average CPE cost x number of hours).</li> </ul> </li> </ul>
---	---

	<ul style="list-style-type: none"> <li>○ There are 265 Class 5 waterworks licensees, and 1,255 Class 3, Class 2, and Class 1 waterworks licensees. (Renewals are in odd-numbered years.)             <ul style="list-style-type: none"> <li>▪ Average CPE revenue loss x Number of affected waterworks licensees: \$48,640</li> </ul> </li> <li>○ There are 1,561 Class 3, Class 2, and Class 1 wastewater works licensees. (Renewals are in even-numbered years.)             <ul style="list-style-type: none"> <li>▪ Average per hour cost of CPE x Number of affected wastewater works licensees: \$49,952</li> </ul> </li> <li>○ Estimated lost revenue to training providers is \$49,296 per year. (Revenue loss for reduced waterworks licensee CPE + Revenue loss for reduced wastewater works licensee CPE / 2)</li> </ul> <p>Indirect Costs: There are no anticipated monetizable indirect costs associated with this regulatory change.</p> <p>Direct Benefits:</p> <ul style="list-style-type: none"> <li>● Less stringent disclosure requirements open the door for applicants who may have been discouraged to apply based on prior criminal history.             <ul style="list-style-type: none"> <li>○ Over the last three (3) years there have been 20 informal fact-finding conferences (IFFs) held by the Board regarding past felony convictions. Of those 20 IFFs, there were five (5) cases that solely involved felony convictions that occurred over 20 years prior to the application date.</li> <li>○ With the average cost of an hour-long IFF at around \$471, the agency would have saved \$2,355 (Number of IFFs for felonies over 20 years x cost of IFF) over the past three (3) years.</li> <li>○ The expected average cost savings to DPOR per year is \$785.</li> </ul> </li> <li>● Reduced CPE requirements for waterworks and wastewater works operators may save additional education costs for applicable individuals. To the extent employers pay for employees' CPE, the savings would be experienced by the employing entity.             <ul style="list-style-type: none"> <li>○ The average cost of a CPE course is \$16 per hour.</li> <li>○ CPE hours are reduced by two (2) hours for Class 1, Class 2, and Class 3 waterworks and wastewater works licensees, and Class 5 waterworks licensees.</li> <li>○ Average savings per licensee: \$32 per renewal cycle.</li> <li>○ There are 265 number Class 5 waterworks licensees, and 1,255 Class 3, Class 2, and Class 1 waterworks licensees. (Renewals are in odd-numbered years.)                 <ul style="list-style-type: none"> <li>▪ Average per hour cost of CPE x Number of affected waterworks licensees: \$48,640</li> </ul> </li> </ul> </li> </ul>
--	--

	<ul style="list-style-type: none"> <li>○ There are 1,561 Class 3, Class 2, and Class 1 wastewater works licensees. (Renewals are in even-numbered years.) <ul style="list-style-type: none"> <li>▪ Average per hour cost of CPE x Number of affected wastewater works licensees: \$49,952.</li> </ul> </li> <li>○ Estimated savings to licensees or employers is \$49,296 per year. (Cost savings for reduced waterworks licensee CPE + Cost savings for reduced wastewater works licensee CPE / 2)</li> </ul> <p>Indirect Benefits:</p> <ul style="list-style-type: none"> <li>● Reduced education and experience requirements for licensure allows easier entry into the waterworks industry. More individuals will meet requirements sooner, possibly accelerating the growth of the waterworks operators’ population. <ul style="list-style-type: none"> <li>○ An individual with no high school diploma or equivalent would be able to enter the workforce six months sooner as a Class 5 or Class 6 waterworks operator.</li> <li>○ The mean hourly wage for waterworks operators in Virginia is \$25.02. Based on a 36-hour work week, this is about \$46,837 per year (36 hours x 52 weeks x wage).</li> <li>○ An unlicensed operator in-training or apprentice is estimated to earn \$16.15<sup>1</sup> per hour. Based on a 36-hour work week, this is about \$30,233 per year.</li> <li>○ Individuals could earn an additional amount of \$8,302 income in the six months that they would have spent as an apprentice or in-training (annualized licensed income – annualized unlicensed income / 2).</li> <li>○ From 2021 to 2023 the average number of Class 5 and Class 6 approved license applications was 32. Utilizing this average, the total increase in income is estimated to be \$265,664 (average approved applications x additional income over six months).</li> </ul> </li> </ul>	
--	---	--

(2) Present Monetized Values	Direct & Indirect Costs	Direct & Indirect Benefits
	(a) \$232,534	(b) \$1,489,400
(3) Net Monetized Benefit	\$1,256,866	

<sup>1</sup> It is estimated that a trainee earns between 5% and 15% less than lowest class of license (Class 6 for a waterworks operator). The entry-level wage for a waterworks operator in Virginia is estimated to be \$19.00 per hour. A trainee would be estimated to earn between \$16.15 and \$18.05. The lower value of this range is used.

<p>(4) Other Costs &amp; Benefits (Non-Monetized)</p>	<p>Costs:</p> <ul style="list-style-type: none"> <li>For training course providers, there may be an increase in administrative burden if they do not already provide proper documentation of course completion to participants.</li> </ul> <p>Benefits:</p> <ul style="list-style-type: none"> <li>Licensees will save time that would've been spent completing CPE contact hours as a result of the reduced required CPE hours.</li> <li>Less stringent disclosure requirements open the door for more applicants who may have been discouraged to apply based on prior criminal history. As the informal fact-finding process takes between six (6) to eight (8) months to complete, the applicant, agency, and public stand to benefit from a quicker approval process for applicable applicants.</li> <li>Reduced education and experience requirements promote quicker upward movement (from Class 4 to Class 1) for individuals with no high school diploma or equivalent. The current pathway would take said individual as many as 18 years to move from a Class 4 license to Class 1. The proposed pathway would allow the same individual to accomplish this growth within 14 years with no substitutions for experience.</li> <li>Those who fail to reinstate their license on time will no longer be required to re-take the exam, if they have received a passing exam score within the previous ten (10) years. Current examination fees are set at either \$84 or \$124 depending on license class, and applicable individuals would no longer have to pay such fees.</li> <li>Requiring documentation and record keeping for training course providers assures the proper upkeep of information, benefitting all parties involved.</li> <li>Many of the changes in this action aim to provide clarity or make licensure and compliance easier for applicants and licensees.</li> </ul>
<p>(5) Information Sources</p>	<p>Agency staff.</p> <p>A member of the Board knowledgeable of the industry.</p> <p>CE Cost Data:</p> <p>American Water College  <a href="https://www.americanwatercollege.org/virginia/#1644857834449-cb94e02e-3180">https://www.americanwatercollege.org/virginia/#1644857834449-cb94e02e-3180</a> (Accessed on 9/10/24).</p> <p>VRWA (via Suncoast Learning)  <a href="https://www.suncoastlearning.com/courses/va">https://www.suncoastlearning.com/courses/va</a> (Accessed on 9/10/24).</p>

	<p>Aypotech. <a href="https://www.aypotech.com/virginia-water-operator-continuing-education">https://www.aypotech.com/virginia-water-operator-continuing-education</a> (Accessed on 9/10/24.)</p> <p>Wage Data: Bureau of Labor Statistics. <a href="https://www.bls.gov/oes/current/oes_va.htm">https://www.bls.gov/oes/current/oes_va.htm</a> (Accessed on 9/10/24.)</p> <p>Talent.com. <a href="https://www.talent.com/salary?job=water+operator&amp;location=virginia">https://www.talent.com/salary?job=water+operator&amp;location=virginia</a> <a href="https://www.talent.com/salary?job=wastewater+operator&amp;location=virginia">https://www.talent.com/salary?job=wastewater+operator&amp;location=virginia</a> (Accessed on 10/2/24.)</p>
--	--

**Table 1b: Costs and Benefits under the Status Quo (No change to the regulation)**

(1) Direct & Indirect Costs & Benefits (Monetized)	<p>Direct Costs: There are no new monetizable direct costs associated with maintaining the status quo.</p> <p>Indirect Costs: There are no new monetizable indirect costs associated with maintaining the status quo.</p> <p>Direct Benefits: There are no new monetizable direct benefits associated with maintaining the status quo.</p> <p>Indirect Benefits: There are no new monetizable indirect benefits associated with maintaining the status quo.</p>	
(2) Present Monetized Values	Direct & Indirect Costs	Direct & Indirect Benefits
	(a) \$0	(b) \$0
(3) Net Monetized Benefit	\$0	
(4) Other Costs & Benefits (Non-Monetized)	<p>Costs:</p> <ul style="list-style-type: none"> <li>• Under the status quo there is a shortage of available operators in the industry. Since 2022, the population of licensed operators has decreased by about 2.5% since 2021; the regulant counts for the years 2021-2024 are as follows: <ul style="list-style-type: none"> <li>○ January 1, 2021: 4,421 operators</li> <li>○ January 1, 2022: 4,423 operators</li> <li>○ January 1, 2023: 4,388 operators</li> <li>○ January 1, 2024: 4,368 operators</li> <li>○ September 1, 2024: 4,312 operators</li> </ul> </li> </ul>	

	<ul style="list-style-type: none"> <li>A continued shortage of available operators may impact the ability of water and wastewater treatment plants to effectively provide services.</li> </ul> <p>Benefits: There are no new anticipated non-monetized benefits associated with maintaining the status quo.</p>
(5) Information Sources	Agency staff

**Table 1c: Costs and Benefits under Alternative Approach(es)**

(1) Direct & Indirect Costs & Benefits (Monetized)	Refer to box #4.	
(2) Present Monetized Values	Direct & Indirect Costs	Direct & Indirect Benefits
	(a) N/A	(b) N/A
(3) Net Monetized Benefit	N/A	
(4) Other Costs & Benefits (Non-Monetized)	No less intrusive alternative approaches were identified in the development of this action.	
(5) Information Sources	Agency staff	

**Impact on Local Partners**

Use this chart to describe impacts on local partners. See Part 8 of the ORM Cost Impact Analysis Guidance for additional guidance.

**Table 2: Impact on Local Partners**

(1) Direct & Indirect Costs & Benefits (Monetized)	<p>Direct Costs: There are no anticipated monetizable direct costs to local partners.</p> <p>Indirect Costs:</p> <ul style="list-style-type: none"> <li>As certain CPE and training course providers are local partners, they may see a cost because of the reduced requirements for CPE contact hours. <ul style="list-style-type: none"> <li>The average cost of a CPE course is \$16 per hour.</li> </ul> </li> </ul>
--	--

	<ul style="list-style-type: none"> <li>○ CPE hours are reduced by two (2) hours for Class 1, Class 2, and Class 3 waterworks and wastewater works licensees, and Class 5 waterworks licensees.</li> <li>○ Providers could lose \$32 for each of these licensees (Average CPE cost x number of hours).</li> <li>○ There are 265 Class 5 waterworks licensees, and 1,255 Class 3, Class 2, and Class 1 waterworks licensees. (Renewals are in odd-numbered years.) <ul style="list-style-type: none"> <li>▪ Average CPE revenue loss x Number of affected waterworks licensees: \$48,640</li> </ul> </li> <li>○ There are 1,561 Class 3, Class 2, and Class 1 wastewater works licensees. (Renewals are in even-numbered years.) <ul style="list-style-type: none"> <li>▪ Average per hour cost of CPE x Number of affected wastewater works licensees: \$49,952</li> </ul> </li> <li>○ Estimated lost revenue to training providers is \$49,296 per year. (Revenue loss for reduced waterworks licensee CPE + Revenue loss for reduced wastewater works licensee CPE / 2)</li> </ul> <p>Direct Benefits: There are no anticipated monetizable direct benefits to local partners.</p> <p>Indirect Benefits: There are no anticipated monetizable indirect benefits to local partners.</p>	
(2) Present Monetized Values	Direct & Indirect Costs	Direct & Indirect Benefits
	(a) \$49,296	(b) \$0
(3) Other Costs & Benefits (Non-Monetized)	<p>Costs:</p> <ul style="list-style-type: none"> <li>• Training course providers who are also local partners may see an increase in administrative burden if they do not already provide proper documentation of course completion to participants.</li> </ul> <p>Benefits:</p> <ul style="list-style-type: none"> <li>• Reductions to disclosure, experience, and education requirements for licensure may lead to an increase in the population of regulants. As licensees are required to complete CPE, certain local partners would see a monetary benefit.</li> </ul>	
(4) Assistance	N/A	



(5) Information Sources	Agency staff
-------------------------	--------------

**Impacts on Families**

Use this chart to describe impacts on families. See Part 8 of the ORM Cost Impact Analysis Guidance for additional guidance.

**Table 3: Impact on Families**

(1) Direct & Indirect Costs & Benefits (Monetized)	<p>Direct Costs: There are no anticipated monetizable direct costs to families.</p> <p>Indirect Costs: There are no anticipated monetizable indirect costs to families.</p> <p>Direct Benefits: There are no anticipated monetizable direct benefits to families.</p> <p>Indirect Benefits: There are no anticipated monetizable indirect benefits to families.</p>	
(2) Present Monetized Values	Direct & Indirect Costs	Direct & Indirect Benefits
	(a) N/A	(b) N/A
(3) Other Costs & Benefits (Non-Monetized)	<p>Costs: There are no anticipated non-monetized costs to families.</p> <p>Benefits: There are no anticipated non-monetized benefits to families.</p>	
(4) Information Sources	Agency staff	

**Impacts on Small Businesses**

Use this chart to describe impacts on small businesses. See Part 8 of the ORM Cost Impact Analysis Guidance for additional guidance.

**Table 4: Impact on Small Businesses**

(1) Direct & Indirect Costs & Benefits (Monetized)	Refer to box #3.
--	------------------

(2) Present Monetized Values	Direct & Indirect Costs	Direct & Indirect Benefits
	(a) N/A	(b) N/A
(3) Other Costs & Benefits (Non-Monetized)	<p>Many licensed waterworks and wastewater works operators are likely owners or employees of business entities that meet the definition of "small business" in § 2.2-4007.1 of the Code of Virginia. In addition, CPE and training course providers are likely business entities that meet the definition of "small business" in § 2.2-4007.1 of the Code of Virginia. The costs and benefits of this regulatory change are identified in Table 1(a). To the extent that additional costs are assumed by a small business entities owned by licensees or that employ licensees, this regulatory change would impact small businesses.</p>	
(4) Alternatives	N/A	
(5) Information Sources	Agency staff	

**Changes to Number of Regulatory Requirements****Table 5: Regulatory Reduction**

For each individual action, please fill out the appropriate chart to reflect any change in regulatory requirements, costs, regulatory stringency, or the overall length of any guidance documents.

*Change in Regulatory Requirements*

<b>VAC Section(s) Involved*</b>	<b>Authority of Change</b>	<b>Initial Count</b>	<b>Additions</b>	<b>Subtractions</b>	<b>Total Net Change in Requirements</b>
30-60	(M/A):	1	2	0	+2
	(D/A):	2	0	2	-2
	(M/R):	0	0	0	0
	(D/R):	6	3	1	+2
30-70	(M/A):	0	0	0	0
	(D/A):	1	0	0	0
	(M/R):	0	0	0	0
	(D/R):	3	0	1	-1
30-90	(M/A):	0	0	0	0
	(D/A):	2	0	2	-2
	(M/R):	1	0	0	0
	(D/R):	5	0	4	-4
30-95	(M/A):	0	0	0	0
	(D/A):	0	2	0	0
	(M/R):	0	0	0	0
	(D/R):	0	4	0	+4
30-110	(M/A):	0	0	0	0
	(D/A):	0	0	0	0
	(M/R):	0	0	0	0
	(D/R):	2	0	1	-1
30-140	(M/A):	0	0	0	0
	(D/A):	2	1	1	0
	(M/R):	0	0	0	0
	(D/R):	3	1	1	0
30-150	(M/A):	0	0	0	0
	(D/A):	1	0	0	0
	(M/R):	0	0	0	0
	(D/R):	5	0	1	-1
30-160	(M/A):	0	0	0	0
	(D/A):	1	0	1	-1
	(M/R):	0	0	0	0
	(D/R):	3	0	0	0

30-190	(M/A):	0	0	0	0
	(D/A):	5	0	1	-1
	(M/R):	0	0	0	0
	(D/R):	6	0	1	-1
30-235	(M/A):	0	0	0	0
	(D/A):	0	0	0	0
	(M/R):	0	0	0	0
	(D/R):	0	2	0	+2
30-240	(M/A):	0	0	0	0
	(D/A):	0	0	0	0
	(M/R):	0	0	0	0
	(D/R):	14	18	14	+4
30-250	(M/A):	0	0	0	0
	(D/A):	1	0	1	-1
	(M/R):	0	0	0	0
	(D/R):	30	0	30	-31
30-255	(M/A):	0	0	0	0
	(D/A):	0	0	0	0
	(M/R):	0	0	0	0
	(D/R):	0	3	0	+3
30-260	(M/A):	0	0	0	0
	(D/A):	0	0	0	0
	(M/R):	0	0	0	0
	(D/R):	5	12	5	+7
30-265	(M/A):	0	0	0	0
	(D/A):	0	1	0	+1
	(M/R):	0	0	0	0
	(D/R):	0	2	0	+2
30-270	(M/A):	0	0	0	0
	(D/A):	0	0	0	0
	(M/R):	0	0	0	0
	(D/R):	4	2	0	+2
30-300	(M/A):	0	0	0	0
	(D/A):	0	0	0	0
	(M/R):	0	0	0	0
	(D/R):	9	5	8	-3
30-310	(M/A):	1	0	0	0
	(D/A):	2	0	2	-2
	(M/R):	0	0	0	0
	(D/R):	8	0	1	-1
	(M/A):	1	0	0	0

30-320	<b>(D/A):</b>	0	0	0	0
	<b>(M/R):</b>	0	0	0	0
	<b>(D/R):</b>	13	2	8	-6
30-340	<b>(M/A):</b>	0	0	0	0
	<b>(D/A):</b>	0	0	0	0
	<b>(M/R):</b>	0	0	0	0
	<b>(D/R):</b>	7	0	2	-2
<b>Grand Total of Changes in Requirements:</b>					<b>(M/A): +2</b> <b>(D/A): -6</b> <b>(M/R): 0</b> <b>(D/R): -25</b>

**Key:**

*Please use the following coding if change is mandatory or discretionary and whether it affects externally regulated parties or only the agency itself:*

**(M/A):** Mandatory requirements mandated by federal and/or state statute affecting the agency itself

**(D/A):** Discretionary requirements affecting agency itself

**(M/R):** Mandatory requirements mandated by federal and/or state statute affecting external parties, including other agencies

**(D/R):** Discretionary requirements affecting external parties, including other agencies

*Cost Reductions or Increases (if applicable)*

<b>VAC Section(s) Involved*</b>	<b>Description of Regulatory Requirement</b>	<b>Initial Cost</b>	<b>New Cost</b>	<b>Overall Cost Savings/Increases</b>
30-70 30-160	<p>An applicant who fails to reinstate a license after it has expired must apply for a new license and meet the entry requirements in effect at that time, to include passing the license examination where required.</p> <p>The proposed regulation allows for</p>	\$110 average examination fee.	\$0 examination fee (for qualified applicants.)	<p>An applicant whose passing score on the license examination is still valid would not have to pay the \$110 (average) examination fee if such person was previously licensed and failed to reinstate. The change will result in a savings of \$110 (100%).</p> <p>The change applies to one D/R</p>

	passing examination scores to be valid for 10 years from the date of examination.			requirement in section -70 and one D/R requirement in section -160.
--	---	--	--	---

*Other Decreases or Increases in Regulatory Stringency (if applicable)*

<b>VAC Section(s) Involved*</b>	<b>Description of Regulatory Change</b>	<b>Overview of How It Reduces or Increases Regulatory Burden</b>
30-20 30-70	<p>An applicant will have 24 months from the date the license application is approved to pass the required Board-approved examination. An applicant that does not receive a passing examination score within 24 months after application approval must submit a new application and meet the entry requirements in effect at the time of submission.</p> <p>Currently, an applicant has 12 months from the date of application approval to pass the test.</p>	<p>The regulatory change reduces the burden of the requirement by 100%.</p> <p>This change applies to two D/R requirements in section -20, and one D/R requirement in section -70.</p>
30-60	<p>Criminal conviction disclosure requirements for initial applicants are revised.</p> <p>Applicants will be required to disclose any felony conviction occurring within 20 years of the date of application. Currently, applicants must disclose all felony convictions during their lifetime.</p> <p>Applicants will be required to disclose only misdemeanor</p>	<p>This change reduces the stringency of the current criminal history disclosure requirement and will potentially allow individuals with older criminal histories to qualify for licensure without the need for further review of the application by the Board.</p> <p>This change applies to two D/R requirements in this section.</p>

	convictions involving lying, cheating, or stealing that occurred within three years of the date of application. Currently, applicants must disclose all non-marijuana misdemeanor convictions that occurred within three years of the application date.	
30-110	Required experience for applicants for Class 6 and Class 5 waterworks operator licenses; and Class 3, Class 2, and Class 1 waterworks and wastewater works operator licenses is reduced.	The experience requirement is reduced by up to 50% for these license types.  This change applies to one D/R requirement in this section.
30-110 30-140	The minimum number of semester credit hours of science and math required for individuals seeking to meet the education requirement for licensure with certain degrees is reduced.	The stringency of the requirement is reduced by 20%.  This change applies to one D/R requirement in section -110; and one D/R requirement in section -140.
30-160	The reinstatement period for licenses is increased from one year to 24 months.	The stringency of the requirement is reduced by 100%.  This change applies to one D/R requirement in this section.
30-190	Required CPE hours for Class 5 waterworks operator licensees; and Class 3, Class 2, and Class 1 waterworks and wastewater works operator licensees is reduced.	The CPE hours requirement is reduced by up to 25% for these license types.  This change applies to one D/R requirement in this section.
30-190	Licensees may receive up to four hours of CPE credit during a renewal cycle for the initial development or substantial updating of a CPE course.	The stringency of the current provision is reduced by 100%.  This change applies to one D/R requirement in this section.

	<p>Currently, licensees may receive up to two hours of CPE credit during a renewal cycle for the initial development or updating of a CPE course.</p>	
30-190	<p>Safety subjects will not count for more than one-quarter (25%) of total required CPE hours.</p> <p>Currently, safety subjects will not count for more than one-half (50%) of total required CPE hours.</p> <p>This change is made in conjunction with the reduction in the number of CPE hours for most licenses and is intended to ensure an appropriate balance in the number of CPE hours for license renewal that may be in safety subjects.</p>	<p>This stringency of the current provision is increased by 50%.</p> <p>The change applies to one D/A requirement and one D/R requirement in the section.</p>
30-230	<p>Evidence of CPE completion that a licensee must maintain must include the contact information of the sponsor that provided the CPE course.</p> <p>Currently, such evidence must include the telephone number of the sponsor.</p>	<p>The change marginally reduces the stringency of the current requirement.</p> <p>This change applies to one D/R requirement in the section.</p>
30-235 30-240	<p>The requirement that a training course be approved by the Board prior to commencing is replaced with a less restrictive provision that courses may be approved retroactively but credit for a course will not be awarded until a course is approved by the Board.</p>	<p>The provider of a training course would no longer be obligated to apply and receive approval from the Board in order to offer a training course. A provider can proceed with offering a course without receiving Board approval.</p>



		<p>Approval from the Board would still be required in order for the course to be accepted for substitution of experience.</p> <p>The change equates to a 50% reduction in burden. This change applies to one D/R requirement in section -235.</p>
30-260 30-265	<p>Training course providers must report any change in the information submitted in the training approval application to the Board.</p> <p>Currently, a training course provider must report substantial modifications or changes in the training approval application.</p>	<p>The change marginally increases the stringency of the current reporting requirement.</p> <p>This change applies to one D/R requirement in section -265.</p>
30-260 30-265	<p>The timeframe for reporting changes to a training program is increased from 30 days to 90 days.</p>	<p>The stringency of the current reporting timeframe is reduced by 200%.</p> <p>This change applies to one D/R requirement in section -265.</p>
30-300	<p>The timeframe for a licensee to report a change of name or address is increased from 30 days to 60 days.</p>	<p>The stringency of the current reporting timeframe is reduced by 100%.</p> <p>This change applies to one D/R requirement in section -300.</p>
30-310	<p>Licensees must report any misdemeanor conviction involving lying, cheating, or stealing.</p> <p>Currently, licensees must report any misdemeanor conviction involving lying, cheating, stealing, sexual offense, non-marijuana drug distribution, or</p>	<p>This change marginally reduces the stringency of the current misdemeanor conviction reporting requirement.</p> <p>This change applies to one D/R requirement in the section.</p>

	physical injury, or relating to the practice of the profession.	
30-330	The prohibition on soliciting or accepting financial or other valuable consideration from material or equipment suppliers for specifying their products or services is revised to provide that such activity is prohibited unless the circumstances are full disclosed to, and agreed to by, all interested parties in writing.	This change reduces the stringency of the current requirement by replacing a strict prohibition with a disclosure requirement.  The change equates to a 50% reduction in burden. This change applies to one D/R requirement in the section.
30-330	The prohibition on soliciting or accepting gratuities, directly or indirectly, from contractors, their agents, or other parties dealing with a client or employer in connection with work for which the licensee is responsible is revised to provide that such activity is prohibited unless the circumstances are full disclosed to, and agreed to by, all interested parties in writing.	This change reduces the stringency of the current requirement by replacing a strict prohibition with a disclosure requirement.  The change equates to a 50% reduction in burden. This change applies to one D/R requirement in the section.

*Length of Guidance Documents (only applicable if guidance document is being revised)*

<b>Title of Guidance Document</b>	<b>Original Word Count</b>	<b>New Word Count</b>	<b>Net Change in Word Count</b>
N/A	N/A	N/A	N/A

\*If the agency is modifying a guidance document that has regulatory requirements, it should report any change in requirements in the appropriate chart(s).