

**FLORIDA UNIFIED CITATIONS DICTIONARY
FOR
WATER WELL CONSTRUCTION**

OCTOBER 2002

COMPILED BY

THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

AND

THE WATER WELL CONTRACTOR WORK GROUP

HISTORY

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INTRODUCTION

The Florida Unified Citations Dictionary for Water Well Construction was developed by the Florida Department of Environmental Protection (FDEP), Chapter 62-531, F.A.C., Rule Development Committee. Where possible, the citations were standardized and combined to provide for efficient enforcement. This process also encourages equitable enforcement statewide.

The citations provide a standard numbering system, which will be used to produce the monthly clearinghouse of water well construction violations. Each violation will have a unique number that will be used by each permitting authority to provide uniform enforcement information across jurisdictional boundaries.

The dictionary in its complete form will include all the applicable rules governing water well construction, the guidelines and procedures standardizing enforcement practices, and the standards referenced by the rules. A loose-leaf format will allow easy updating.

The index allows rapid searches for applicable citations using a common word listing. These main subject titles are cross-referenced to citation numbers.

Each citation number is followed by a list of applicable rule citations for all permitting authorities.

The text portion gives the wording that will be used on each enforcement action of the rule applicable to the violation alleged. Slight differences in rule language among the permitting authorities require the use of several text statements under the same citation number. Each group of text statements is identical in subject and direction therefore allowing the use of one citation number. In the right column, two numbers are displayed. The first is the recommended monetary penalty. The second number refers to the points assessed against the contractor when a final agency action is taken. A Permitting Authority may use an informal Warning Letter in lieu of formal enforcement action.

The Chapter 62-531, F.A.C., Committee will meet periodically to decide on statewide changes in the program, to approve changes in the citations dictionary and to schedule points reduction workshops for the coming calendar year.

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 Grouting, Methods
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 Grouting, Public Supply Well Criteria
 Grouting, Set Time
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 Grouting, Special Criteria (SJR WMD) (SWFWMD)
 Grouting, Special Criteria, Telescoped Casing (SJR WMD)
 Grouting, Telescoped Casing
 Grouting, Unconsolidated
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W

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Citation 74

Well Casing Terminus, Below Grade Installation

Citation 75

Well Seal, Permanent, Above Flood Level

Citation 113

Well Seal, Pump Installed

Citation 116

Well Seal, Temporary, Penetrating to Aquifer

Citation 111

Well Vent, Above Flood Level

Citation 114

FLORIDA UNIFIED CITATIONS DICTIONARY FOR WATER WELL CONSTRUCTION

NO.	RULE CITATION	SECTION TITLE AND TEXT	RECOMMENDED PENALTY POINTS
1	40A-3.038(1)(a) 40B-3.038(1)(a) 40C-3.011(4) 40C-3.038(1) 40D-3.037(1)(2) 40D-3.038(3) 40E-3.038(1)(2) 62-531.450(2)(a),(4)(f)	Maintaining a Contractor's License Practice water well contracting without an active license or with a revoked, suspended, or inactive license.	1000
2	40A-3.038(1)(b) 40C-3.038(1) 40D-3.037(1) 40E-3.038(1)(2) 62-531.450(2)(c)	Failure to provide truthful information or make truthful statements in an application for a Water Well Contractor's License.	1000
3	40A-3.038(1)(h) 40C-3.038(1) 40D-3.037(1) 40E-3.038(1)(2) 62-531.450(4)(c)	Improper Use of a Contractor's License Allowing any other person to use the licensee's license.	1000
4	40A-3.038(1)(f) 40B-3.341(3) 40C-3.532(1)(a) 40E-3.038(1)(2)	Failure to comply with any provision of Chapter 373, Part III, F.S. any rule adopted by the District or any order of the District. Note: An unlicensed water well contractor may be issued a CEASE AND DESIST ORDER as authorized by Chapter 73.323(7), F.S., and cited above.	500
5	Reserved		5

FLORIDA UNIFIED CITATIONS DICTIONARY FOR WATER WELL CONSTRUCTION

NO. RULE CITATION	SECTION TITLE AND TEXT	RECOMMENDED PENALTY POINTS
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6	<p>Homeowner Exemption Failure to comply with all rules relating to the construction standards of water wells subject to the exemption for private wells two inches or under in diameter intended for their own use.</p>	500 N/A
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7	<p>Display of License Failure to display contractor license number on both sides of each piece of drilling equipment owned, leased, or operated by the contractor.</p>	100 1
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8	<p>Address Change Failure to notify the District of any change.</p>	100 1
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9	<p>Conjunctive Permit Requirements Construction of a well for which a water or consumptive use permit is required prior to issuance of the water use permit.</p>	500 5
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10	<p>Failure to obtain an artificial recharge permit prior to constructing an injection well.</p>	500 5
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11 Reserved

FLORIDA UNIFIED CITATIONS DICTIONARY FOR WATER WELL CONSTRUCTION

NO.	RULE CITATION	SECTION TITLE AND TEXT	RECOMMENDED PENALTY POINTS
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Construction without a Permit

12	40A-3.038(1)(g) 40A-3.041(1) 40B-3.041 40C-3.041 40C-3.492(1)(b),(c) 40D-3.041(1) 40E-3.041(1) 64E-8.002(2)	Failure to obtain a permit prior to the construction, repair or abandonment of a water well within the District, not exempted by the rule.	500 5
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	40E-3.041(2)	Failure to obtain a water well construction permit for any gang well regardless of size other than for dewatering.	500 5
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13	40C-3.041(5) 40D-3.041(1)(e) 40E-3.041(1) 64E-8.002(2) 62-555.510(1,2)	Failure to obtain a water well construction permit prior to the construction, repair or abandonment of any public water supply well.	1000 10
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14	Reserved		
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15	40A-3.041(15) 40C-3.041(4) 40E-3.041(3)	Failure to obtain a water well construction permit to convert to a test hole to a water well, not exempted by rule.	500 5
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	40E-3.041(4) 40C-3.041(4)	Failure to obtain or modify a water well construction permit to convert a monitor or observation well to a production well.	500 5
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	62-532.400(1)	Failure to obtain a permit before beginning construction, repair or abandonment of any water well.	500 5
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16	Reserved		
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17	Reserved		
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FLORIDA UNIFIED CITATIONS DICTIONARY FOR WATER WELL CONSTRUCTION

NO.	RULE CITATION	SECTION TITLE AND TEXT	RECOMMENDED PENALTY POINTS
18	40A-3.451(3)	Emergency Permit Requirements Failure to submit \$25 fee and standard fee with all emergency permit applications.	100 1
	40A-3.451(4)	Failure to submit the required permit application and written explanation of emergency within 24 hours of emergency authorization.	100 1
	40B-3.451	Failure to submit the application and fee within ten (10) days of issuing an oral emergency authorization.	100 1
	62-532.420(2)	Failure to submit a permit application in writing within 10 days after an emergency permit application is granted.	100 1
	40D-1.1022(3)	Failure to submit the application and fee within 48 hours of issuing an oral emergency authorization.	100 1
	40C-1.1010(3)	Failure to submit the permit application and fee within twenty-four hours after an emergency permit has been issued verbally.	100 1
	40C-3.451		
	40E-3.451(3)		
19	Reserved		
20	40A-3.041(5) 40C-3.101(5)(a) 40D-3.037(1),(2) 62-532.400(2)(b)	Additional Information Requests Failure to supply additional information as requested.	100 1
21	40A-3.041(9) 40D-3.037(1),(2) 62-532.400(5)	Change of Permitted Location Failure to apply for an amended permit prior to changing well location.	250 2.5

FLORIDA UNIFIED CITATIONS DICTIONARY FOR WATER WELL CONSTRUCTION

NO. RULE CITATION	SECTION TITLE AND TEXT	RECOMMENDED PENALTY POINTS
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22	<p>Abandonment, Permit Due to Unsuitability for Use Failure to obtain a permit to abandon a well which has been drilled and found to be unsuitable for its intended use.</p>	500 5
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23	<p>Display of Permit Failure to make the permit application available for inspection at the site during construction, repair, or abandonment of a well.</p>	100 1
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24	<p>Exemption/Variances, Standard Failure to follow the provisions of an exemption to 40A-3 rules.</p>	500 5
	Failure to comply with special conditions issued with a construction variance.	500 5

25	<p>Variances, Oral Failure to apply for proper a permit after being granted an oral variance.</p>	100 1
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Note: SFWMD requires a written request from the applicant within 10 days of an oral variance.

Note: SJRWMD requires an application and fee within 24 hours of an oral variance for a well without a permit. The SJRWMD requires documentation on completion reports within 30 days if the well was previously permitted.

FLORIDA UNIFIED CITATIONS DICTIONARY FOR WATER WELL CONSTRUCTION

**RECOMMENDED
PENALTY POINTS**

SECTION TITLE AND TEXT

NO. RULE CITATION

Water Well Violation, General

31 Reserved

Completion Report Submittal

32 40B-3.411(1)
40B-3.492(1)(c)
40C-3.411(1)
40C-3.492(1)(a)
40E-3.411(1),(3)
62-532.410

Failure to submit a completion report within 30 days after well completion.

100

1

40A-3.411(1)
40C-3.492(1)(f)
40D-3.411(1)(a)

Failure to submit a completion report within 30 days after permit expiration.

100

1

40C-3.411(3)

Failure to notify that work was not performed or completed within 30 days of the expiration of the permit.

100

1

Completion Report Accuracy

33 40C-3.492(1)(b)

Failure of the licensed contractor to file an accurate completion report through intentional misrepresentation.

1000

10

40A-3.411(5)
40A-3.492(1)(f)
40B-3.411(2)
40B-3.492(1)(d)
40C-3.492(1)(a)
40D-3.411(1)

Failure of the licensed contractor to file an accurate completion report.

250

2.5

40E-3.411(1)

Failure of the licensed contractor to file a fully completed well completion report.

100

1

(continued next page)

FLORIDA UNIFIED CITATIONS DICTIONARY FOR WATER WELL CONSTRUCTION

**RECOMMENDED
PENALTY POINTS**

NO. RULE CITATION

SECTION TITLE AND TEXT

PENALTY POINTS

40B-3.411(1)
40C-3.411(1)(a) Failure to submit a corrected completion report as required by written notice within the given timeframe. 250 2.5

40A-3.411(4)
40D-3.411(1)(a),(b) Failure to use appropriate completion report form. 100 1

40A-3.411(4) Failure of well contractor to provide copy of completion report to well owner. 100 1

Field Log, Any Well, Maintain During Construction

34 40B-3.411(2)
40B-3.461(6)
40C-3.411(2)
40C-3.492(1)(d),(e)
40D-3.411(2)
40E-3.411(2) Failure to maintain a field log on-site for any well during construction, repair or abandonment activities. 100 1

Drilling Records, Any Well, Inspection at any Reasonable Time

35 40C-3.461(7)
40B-3.411(2) Failure to allow inspection of drilling records upon reasonable notice to a Licensed Contractor. 150 1.5

Report, Test Well Requirements

36 Reserved

Drilling Samples

37 40A-3.492(1)(d)
40B-3.492(1)(e)
40B-3.411(4)
40C-3.492(1)(g)
40C-3.411(4)
40D-3.037(1) Failure to provide drilling samples when required. 250 2.5

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FLORIDA UNIFIED CITATIONS DICTIONARY FOR WATER WELL CONSTRUCTION

NO.	RULE CITATION	SECTION TITLE AND TEXT	RECOMMENDED PENALTY POINTS
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	40D-3.341(2) 40E-3.411(4)	Failure to provide drilling samples when required.	250 2.5
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38	40A-3.461(1) 40B-3.461(1) 40C-3.461(1) 40D-3.461(1) 40E-3.461(1) 62-532.510(1)	Inspections for Standards Compliance Failure to allow access to inspect any well to insure conformity with applicable standards.	350 3.5
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39	40C-3.461(3) 40C-3.492(1)(j)	Inspections, Identification Tags Failure to place a tag on any well drilled in the District.	100 1
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40 Reserved

41	40A-3.341(3) 40A-3.531(1,4,5) 40B-3.461(5) 40C-3.461(6) 40C-3.531(1) 40D-3.037(1) 40D-3.461(4) 40D-3.531 40E-3.461(5) 40E-3.531(1,2,3) 64E-8.002(2)(c)	Abandonment, General Failure to plug an abandoned well in accordance with the rules of the applicable Permitting Authority.	1000 10
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	40C-3.502(1)(b)	Failure to plug a test hole or exploratory well. (continued next page)	1000 10
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FLORIDA UNIFIED CITATIONS DICTIONARY FOR WATER WELL CONSTRUCTION

NO.	RULE CITATION	SECTION TITLE AND TEXT	RECOMMENDED PENALTY POINTS
	40C-3.517(10)	Failure to clear objects from all wells prior to grouting.	1000
	62-532.500(4)	Failure to plug a well from bottom to top with neat cement grout or bentonite and capped with a minimum of one foot neat of cement grout.	1000
42	40A-3.461(4) 40B-3.492(1)(f) 40B-3.461(4) 40C-3.461(5) 40C-3.492(1)(h),(i) 40D-3.461(5)(a) 40E-3.461(4)	Notification, Public Supply Construction Failure to notify the District 24 hours prior to commencing drilling operations or placement of grout for a Public Supply Well.	500
43	40A-3.502 40C-3.041(5) 40C-3.512(5)(a) 40D-3.507(3)(b) 62-532.500(2)(c)	Telescoped Casing, Centralizers, Public Supply Well Failure to provide at least two (2) centralizing spacers on overlapped telescoping casing in Public Water Supply wells.	500
44	40A-3.502 40C-3.041(5) 40D-3.037(1) 62-532.500(3)(c)	Well Apron, Public Supply Failure to provide a 6' x 6' concrete pad around the wellhead on Public Water Supply Wells.	150
45	40A-3.502 40A-3.512(1),(2) 40B-3.502	Contamination, General Failure to prevent uncontrolled surface flow to an aquifer or zone within an aquifer. (continued next page)	1000

FLORIDA UNIFIED CITATIONS DICTIONARY FOR WATER WELL CONSTRUCTION

NO. RULE CITATION	SECTION TITLE AND TEXT	RECOMMENDED PENALTY POINTS
40B-3.512(1),(2) 40C-3.502(1) 40C-3.512(1),(2) 40D-3.502 40E-3.502	Failure to prevent uncontrolled surface flow to an aquifer or zone within an aquifer.	1000 10
62-532.500(2)(d)	Failure to prevent an interchange of water between water bearing zones which may result in deterioration of the quality of water in one or more water bearing zones.	1000 10
46 40A-3.502(2) 40C-3.502(1)(c),(d) 40D-3.502(5) 64E-8.002(2)(b)	Failure to meet designated special construction criteria area requirements, such as those established by Chapter 62-524.	1000 10
62-532.400(7), Table 1	Failure to place the water well to comply with the setback distances in Table 1.	1000 10
62-555	Failure to met the sanitary setback distances for public water systems.	1000 10
47 Reserved		
48 Reserved		
49 40C-3.502(1)(a) 40D-3.502(3)	Contamination, Tanks Monitor Well Standards, 62-761, F.A.C. Failure to comply with requirements of Ch. 62-761.	500 5
50 Reserved		
51 Reserved		

FLORIDA UNIFIED CITATIONS DICTIONARY FOR WATER WELL CONSTRUCTION

NO.	RULE CITATION	SECTION TITLE AND TEXT	RECOMMENDED PENALTY POINTS
52	40A-3.504(1)	<p>Contamination, Well Location Standards Failure to locate a well so as not to pose a threat of contamination to the water resources.</p>	1000
	40B-3.504		
	40C-3.502(1)		
	40D-3.505(1)		
	40E-3.504		
53	40B-3.504	<p>Failure to comply with well location standards of Ch. 62-532.</p>	1000
	40C-3.502(2)		
	40D-3.505(2)		
	40E-3.504		
54	40A-3.504(3)(a)	<p>Contamination, Well Spacing Standards Failure to locate an irrigation well at least 75 feet from a sanitary hazard.</p>	500
	40A-3.504(3)(e)		
	Failure to locate a domestic well 175 feet from storage and treatment areas of livestock farms.		
55	Reserved		
56	Reserved		
57	40A-3.504(6)	<p>Contamination, Verification and Exemption Requirements for Spacing Standards Failure to verify, prior to domestic well placement in a subdivision platted after 1972, that the criteria listed in 40A-3.504(2)(e) are met.</p>	500
58	40A-3.504(5)	<p>Failure to obtain an exemption from Chapter 40A-3 prior to constructing a well which would violate setback requirements.</p>	500
	40D-3.505(4)		
		<p>Failure to obtain an exemption from chapter 40D-3 prior to constructing a well which would violate setback requirements.</p>	500

FLORIDA UNIFIED CITATIONS DICTIONARY FOR WATER WELL CONSTRUCTION

NO. RULE CITATION	SECTION TITLE AND TEXT	RECOMMENDED PENALTY POINTS
40C-3.512(1)(a) 40D-3.502(2) 40E-3.512(1)	Failure to maintain contaminant free make-up water.	1000 10
69 40C-3.512(1)(b)	Failure to follow disinfection requirements for filter pack materials.	600 6
70 40A-3.512(6) 40C-3.512(1)(c)	Disinfection After Construction Failure to properly clean and disinfect all water wells provided for potable use.	400 4
71 40C-3.512(1)(d)	Failure to follow disinfection requirements for non-potable wells.	250 2.5
72 Reserved		
73 40A-3.512(3,7) 40B-3.512(3) 40C-3.512(3) 40D-3.037(1) 40E-3.512(3) 62-532.500(2)(a)	Screen, Unconsolidated Failure to use a screen in an unconsolidated stratum.	500 5
40A-3.512(3) 40B-3.512(3) 40C-3.512(3) 40D-3.037(1) 62-532.500(2)(a)	Failure to extend casing in an unconsolidated stratum from land surface continuously to the screen.	500 5

FLORIDA UNIFIED CITATIONS DICTIONARY FOR WATER WELL CONSTRUCTION

NO.	RULE CITATION	SECTION TITLE AND TEXT	RECOMMENDED PENALTY POINTS
74	40E-3.512(3) 40D-3.037(1)	Well Casing Terminus, Above Grade Installation Failure to extend casing from above top of grade to the well screen in unconsolidated aquifers.	500
	40A-3.512(8) 40D-3.521(2) 62-532.500(3)(b)2,3,4	Failure to extend well casing at least 12 inches above grade, unless an exemption has been granted.	500
75	40C-3.512(6)(a) 40D-3.037(1) 62-532.500(3)(b)2	Well Casing Terminus, Below Grade Installation Failure to follow criteria for below grade casing installation.	500
76	40A-3.512(3) 40B-3.512(3) 40C-3.512(3) 40D-3.037(1) 40E-3.512(3)(a) 62-532.500(2)(a)	Screen Seal Failure to attach the well screen with a watertight seal.	500
77	40B-3.512(3) 40C-3.512(3) Reserved	Failure to seal the terminus of a well screen in an unconsolidated stratum.	500
78	40A-3.512(4) 40B-3.512(4) 40C-3.512(4)(a),(7)(a) 40D-3.037(1)	Casing, Below Water Level Failure to install casing to or below the static water level of the producing aquifer. (continued next page)	500

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NO. RULE CITATION	SECTION TITLE AND TEXT	RECOMMENDED PENALTY POINTS
40E-3.517(4) 62-532.500(2)(b)	Failure to install casing to or below the static water level of the producing aquifer.	5
40C-3.512(7)(b)	Failure to follow requirements for casing in a chert area.	5
	Casing, Extension	
79 40A-3.512(4) 40B-3.512(4) 40C-3.512(4)(a) 40D-3.037(1) 40E-3.512(4) 62-532.500(2)(b)	Failure to extend a continuous casing in a consolidated stratum from above land surface to the producing aquifer.	5
80 40C-3.512(4)(b) 40D-3.037(1) 62-532.500(2)(b)	Failure to extend casing from land surface continuously into a consolidated stratum immediately overlying the producing aquifer.	5
	Casing, Caving Zones or Screen, Caving Zones	
81 40A-3.512(7) 40B-3.512(4) 40C-3.512 40D-3.037(1) 40E-3.512(3) 62-532.500(2)(b)	Failure to case, line or screen all caving zones within the well. Note: Citation number 81 should be used only if numbers 78, 79 or 80 are not used.	5
	Casing, Sand Production or Screen, Sand Entrance	
82 40A-3.512(7) 40C-3.512(7)(b)	Failure to construct a well which prevents the entrance of sand into the well.	2.5
	Casing, Telescoped, Centralizers	
83 40C-3.512(5)(a)	Failure to use the minimum number of centralizers required by rule (continued next page)	2.5

FLORIDA UNIFIED CITATIONS DICTIONARY FOR WATER WELL CONSTRUCTION

NO. RULE CITATION	SECTION TITLE AND TEXT	RECOMMENDED PENALTY POINTS
40D-3.507(3)	between the external and internal telescoping casing when the internal casing is grouted.	250
40C-3.512(5)(a)	Failure to seal a telescoped well meeting paragraph 40C-3.517(4)(c) requirements with one packer and one centralizer.	2.5
62-532.500(2)(c)	For a public water system, failure to use not less than two centralizing spacers in the overlapped section of telescoping casing.	2.5
Casing, Overlap		
84 40B-3.517(7) 40C-3.512(5)(a) 40D-3.507(3)	Failure to join telescoping casing with an appropriate overlap.	500
62-532.500(2)(c)	For a public water system, failure to join telescoping casing with an appropriate overlap.	500
Contamination, Backflow Prevention		
Grouting, Annular Seal		
86 40A-3.517 40B-3.517(1) 40C-3.517 40D-3.517 40E-3.517	Failure to grout or seal a well to prevent movement of water from surface to aquifer or between aquifers.	1000
87 40A-3.517 40C-3.517 40D-3.037(1) 40D-3.517 40E-3.512(4) 62-532.500(2)(f)1	Failure to seat casing into consolidated formation or seal with neat cement grout.	1000

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NO. RULE CITATION	SECTION TITLE AND TEXT	RECOMMENDED PENALTY POINTS
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88 Reserved

89 40A-3.517(1) **Grouting, Special Criteria (NWFWMD)**
Failure to provide the minimum 2 inch grout layer between the bore hole and casing for all wells constructed by rotary methods south of the grout line established in Appendix I. 500 5

40A-3.517(1)(a) Failure to provide 2 inch grout layer in annulus from bottom of casing to land surface for wells completed into a consolidated formation with rotary drilling method. 500 5

40A-3.517(1)(b) Failure to provide 2 inch grout layer in annulus from screen to land surface when well is completed into an unconsolidated formation using rotary method and meeting 40A-3.517(1)(b)1-6. criteria. 500 5

40A-3.517(1)(c) Failure to properly seal any well constructed by rotary method into an unconsolidated formation, which does not meet the criteria of 40A-3.517(1)(b), by filling the annulus with uncontaminated compacted sand and grouting the top of the casing with 1 cu-ft of cement. 500 5

40A-3.517(2)(a) Failure to construct a well by rotary method north of grout line established by Appendix I, in accordance with 40A-3.517(2)(a), if the well is a Public Supply, 6 inch diameter or larger, is within 1000 feet of a pollution source, or after approved exemption is within 75 feet of a septic system. 500 5

40A-3.517(2)(b) Failure to grout 2 inch annulus a minimum of 20 feet from bottom of casing into the last confining layer and grout top of casing with 1 cu-ft of cement, when well is completed into a consolidated formation using rotary method and well does not meet 40A-3.517(2)(a) requirements. 500 5

40A-3.517(2)(d) Failure to seal annulus with uncontaminated sand and top of casing with 1 cu-ft of cement when using rotary method on wells which do not meet 40A-3.517(2)(c) criteria. 500 5

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NO.	RULE CITATION	SECTION TITLE AND TEXT	RECOMMENDED PENALTY POINTS
90	40A-3.517(2)(c)	Failure to grout 2 inch annulus from top of screen to land surface when using rotary method drilling into an unconsolidated formation, if the well is a Public Supply well, Other Public well, is 6 inch diameter or larger, penetrates a confining bed, is within 1000 feet of a pollution source, or after exemption within 75 feet of a septic system.	500 5
91	40C-3.512(8) 40C-3.517(8)(a)2. 40D-3.517(2)(b) 40E-3.517(6) 62-532.200(4)	Grouting, Special Criteria (SJRWMD) (SWFWMD) Failure to follow requirements for the use of bentonite grouts.	500 5
92	40A-3.517(3)(b) 40A-3.952 40C-3.041(5) 40D-3.037(1) 40E-3.502(b) 62-532.500(2)(f)3 62-555.315(2)(b)4	Grouting, Public Supply Well Criteria Failure to meet requirements of Rule 62-532.500(2)(f)3. when grouting public water supply or limited use systems wells.	1000 10
93	40B-3.517(2) 40C-3.517(2) 40D-3.037(1) 40D-3.507(4) 40E-3.517(2) 62-532.500(2)(f)4 40B-3.517(3) 40C-3.517(3)	Grouting Failure to seal the annular space surrounding the entire length of a casing less than 4 inches in outside diameter with a nominal one inch thickness of grout in a consolidated formation. Failure to seal the annular space surrounding the entire length of a casing equal to or greater than four (4) inches in outside diameter with a nominal (continued next page)	500 5 500 5

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NO.	RULE CITATION	SECTION TITLE AND TEXT	RECOMMENDED PENALTY POINTS
	40D-3.037(1) 40D-3.507(4) 40E-3.517(2) 62-532.500(2)(f)4	two (2) inch thickness of grout in a consolidated formation.	5
94	40B-3.517(4)	Grouting, Confining Beds Absent, Special Criteria (SRWMD) Failure to grout to the top of or ten (10) feet into the confining bed overlying the producing aquifer, whichever is less.	5
	40B-3.517(5)	Failure to grout from the bottom of the casing to the top of the producing aquifer where confining beds are absent.	5
95	40A-3.517(1)(b), (2)(c) 40C-3.517(5) 40E-3.517(3)	Grouting, Unconsolidated Failure to seal all non-caving annular space in an unconsolidated stratum with neat cement grout.	5
	40C-3.517(6) 40C-3.517(7)(a) 40D-3.037(1) 40D-3.517 62-532.500(2)5.	Failure to properly grout a well obtaining water from an unconsolidated formation.	5
96	40E-3.517(3)	Failure to grout the annular space of wells constructed in unconsolidated formations not more than ten feet above the top of the screen, to land surface.	5
97	Reserved		
98	40C-3.517(11)(a) 40E-3.517(7)(c) 62-532.500(2)(f)4.	Grouting, Combination Wells, Pilot Hole Driving Failure to grout from bottom of casing to land surface any driven casing which is placed in a bore hole of larger diameter. (continued next page)	5

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NO. RULE CITATION	SECTION TITLE AND TEXT	RECOMMENDED	PENALTY POINTS
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40C-3.517(11)(a) 40D-3.037(1)	Failure to use a drilling bit smaller in diameter than the outside diameter of a driven casing.	500	5
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Note: When citing 98, do not include citations 93 or 100.

Grouting, Upper Three Feet, Driven Casing

99 Reserved

Grouting, Methods

100	40A-3.517(4)(6) 40C-3.517(8)(e) 40D-3.037(1) 40D-3.517 40E-517(1) 62-532.500(2)(f)4.	500	5
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Failure to use a tremie pipe or other approved methods when grouting or sealing the annular space.

40A-3.517(4)(c) 40B-3.517(8)(d) 40C-3.517(8)(e) 40D-3.037(1) 40D-3.517(1),(2) 40E-3.517(1) 62-532.500(2)(f)4.	Failure to introduce grout from bottom to top in the annular space.	500	5
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40C-3.517(11)(c) 40D-3.517(3) 62-532.500(2)(f)2.	Failure to seal driven casing using dry bentonite.	500	5
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101	40A-3.517 40C-3.041(5) 40D-3.037(1) 62-532.500(f)4.	1000	10
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Failure to seal the annular space of any Public Supply well casing when the bore hole exceeds the outside diameter of the casing with neat cement from bottom to top.

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NO. RULE CITATION	SECTION TITLE AND TEXT	RECOMMENDED PENALTY POINTS
102	<p>Grouting, Mixing Requirements Failure to use the designated mixture of grout</p> <p>40A-3.517(4)(a) 40B-3.517(8)(a) 40C-3.517(8)(a)1.,2. 40D-3.517(2)(a)1.,(b) 40E-3.517(6) 62-532.500(2)(f)6.</p> <p>Note: Reference is made in rules to AWWA Standard A100-97 as revised and used as a base in the development of the criteria listed in 62-532.500(2).</p>	500 5
103	Reserved	
104	<p>Grouting, Centering Casing Failure to center the casing in the bore hole prior to grouting and sealing the annular space.</p> <p>40A-3.517(4)(b) 40B-3.517(8)(c) 40C-3.517(8)(d) 40D-3.037(1) 40D-3.517 40E-3.517(1) 62-532.500(2)(f)4.</p>	500 5
105	<p>Grouting, Set Time Failure to observe the minimum set time for grout as specified in 40A-3.517 Table III, before proceeding.</p> <p>40B-3.517(8)(b) 40C-3.517(8)(b) 40D-3.517(2)(a)2. 40E-3.517(1)</p> <p>Failure to allow 12 hours set time for grout before proceeding with drilling operations.</p>	500 5 500 5
106	Reserved	

FLORIDA UNIFIED CITATIONS DICTIONARY FOR WATER WELL CONSTRUCTION

NO. RULE CITATION	SECTION TITLE AND TEXT	RECOMMENDED	PENALTY POINTS
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107	<p>Grouting, Telescoped Casing Failure to seal the annular space between telescoping casing with grout, packers or both.</p> <p><u>Note:</u> The Department considers a telescoped casing continuous provided the grout requirements are satisfied.</p> <p>Use of lead packers between casings</p>	500	5
108	Reserved	500	5
109	<p>Grouting, Special Criteria, Telescoped Casing (SJRWMD) Failure to use a nominal external casing size of four (4) inches or less to construct a telescoped well in areas where caving clays are used in place of grout.</p> <p>Failure to show that the clay materials are of a caving nature when installing a telescoped interior casing without annular grout.</p> <p>Failure to limit the annular space to one inch or less around the internal telescoping casing where caving clay materials are present.</p>	500	5
110	<p>Grouting, Lost Circulation Failure to use approved methods and materials to bridge a lost circulation zone during grouting operations.</p>	500	5

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NO. RULE CITATION	SECTION TITLE AND TEXT	RECOMMENDED PENALTY POINTS
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111	<p>Well Seal, Temporary, Penetrating to Aquifer Failure to seal the well opening of a well penetrating the aquifer with a tamper resistant cover when there is a temporary interruption in work or use.</p>	350 3.5
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112 Reserved

113	<p>Well Seal, Permanent, Above Flood Level Failure to seal the upper terminus of well casing with a water tight seal.</p>	500 5
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114	<p>Well Vent, Above Flood Level Failure to vent above the 100-year flood level or two (2) feet above land surface.</p>	150 1.5
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115	<p>Inspection Port Failure to install a required inspection port.</p>	250 2.5
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FLORIDA UNIFIED CITATIONS DICTIONARY FOR WATER WELL CONSTRUCTION

NO. RULE CITATION	SECTION TITLE AND TEXT	RECOMMENDED PENALTY POINTS
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40D-3.021(18)
 40D-3.037(1)
 40E-3.517(9)
 62-532.500(3)(b)6.

Failure to install a required inspection port.

250 2.5

Well Seal, Pump Installed

116 40A-3.521(2)
 40B-3.521(2)
 40C-3.521(2)(c)
 40D-3.521(3)
 40E-3.517(9)
 40E-3.521(2)(c)
 62-532.500(3)(a)3.

Failure to install pumping equipment, piping or electrical equipment through a well seal.

250 2.5

117 Reserved

Explosives, Approval of

118 40A-3.525
 40B-3.525
 40C-3.525
 40D-3.525
 40E-3.525

Failure to receive FDEP and District approval prior to the use of explosives in well construction or development.

1000 10

62-532.500(2)(e)

Failure to receive a variance from the FDEP prior to the use of explosives in well construction or development..

1000 10

Flowing Wells, Valve Controls

FLORIDA UNIFIED CITATIONS DICTIONARY FOR WATER WELL CONSTRUCTION

NO.	RULE CITATION	SECTION TITLE AND TEXT	RECOMMENDED PENALTY POINTS
119	40A-3.529 40B-3.529 40C-3.529 40D-3.529 40E-3.529 62-532.500(3)(d)	Failure to valve an artesian well discharging at land surface.	1000 10
120	40A-3.531(4),(5) 40B-3.531(2) 40C-3.517(9) 40C-3.531(1,2,3) 40D-3.531(1) 40E-3.531(2)	Abandonment, Methods Failure to plug an abandoned artesian well bottom to top with grout using a Licensed Water Well Contractor.	1000 10
121	40A-3.531(2)(a) 40A-3.531(1),(3) 40D-3.461(2) 40D-3.531 40E-3.531(1)	Abandonment, Suitable Use or Standards Violation Failure of Licensed Water Well Contractor to plug any well which is not completed or suitable for its intended use before removing the well rig from the job site. Failure to plug any well not constructed in accordance with this rule.	500 1000 5 10
122	40A-3.531(2)(a) 40E-3.531(3)	Abandonment, Timeframe Failure to plug an abandoned well within the time specified by the District in writing. Abandonment, Restore Hydrologic Conditions	250 2.5

FLORIDA UNIFIED CITATIONS DICTIONARY FOR WATER WELL CONSTRUCTION

NO. RULE CITATION	SECTION TITLE AND TEXT	RECOMMENDED	PENALTY POINTS
123 40D-3.037(1) 40E-3.531(3)	Failure to restore or improve the hydrologic conditions after the well is plugged.	1000	10

