

Aquifer Storage and Recovery (ASR) System Permitting Matrix

ASR Category	Exemption	Mechanical Integrity	Monitoring Overlying Zones	Monitoring Injection Zone	Monitoring ASR Supply Zone	Operation Permit or Authorization	Class I Standards	Monitoring Injection Fluid	Cement Evaluation
7A - Injection fluids meet primary and secondary drinking water standards of Chapter 17-550, F.A.C., and minimum criteria of Rule 17-520.410, F.A.C., and fluid has received treatment by a drinking water treatment plant.	None	No	No	No	No	Authorization	No	No	Cement records
7B - Injection fluids meet primary and secondary drinking water standards of Chapter 17-550, F.A.C., and minimum criteria of Rule 17-520.410, F.A.C.	None	Maybe ¹	Maybe ¹	Yes	Yes	Authorization with more restrictions ¹	No	Maybe ¹	Cement records
7C - Injection fluids meet federal primary drinking water standards but may not meet one or more state primary or secondary drinking water standards under Chapter 17-550, F.A.C., or minimum criteria of Rule 17-520.410, F.A.C.	Water Quality Criteria Exemption may be required	Yes	Yes	Yes	Yes	Permit	Maybe ²	Yes	Logs
7D - Federal primary drinking water standards are not met.	Aquifer Exemption	Yes	Yes	Yes	No	Permit	Yes	Yes	Logs

¹Depends on if Department has reasonable assurance that the ASR supply water quality will continue to meet water quality standards over time.

²Class I standards may not be required if certain parameters contained in the secondary drinking water standards are exceeded by a small amount.