Appendix E: Seawater Intrusion Policy Implementation Matrix

The following Implementation Matrix was adopted in 1989 and amended in 2002, and shows review standards and actions required by the current Island County Seawater Intrusion Policy (adopted 1991).

Low Risk: Chlorides within ½ mile and greater than 100 mg/L

	PUBLIC WATER SYSTEMS			
	Completed	Existing Non-Expanding	Existing Expanding	New	LAND SUBDIVISION
August Chloride Sampling			M	M	
Phase Development			E / R	E / R	
Pump Test Protocol				R	
Water Conservation			R	E	
Source Meters			R	R	
Individual Meters (for expanding portion)			M	M	
Design Modifications			M	M	

Medium Risk: Chlorides within ½ mile and between 100 and 200 mg/L

	PUBLIC WATER SYSTEMS			
	Completed	Existing Non-Expanding	Existing Expanding	New	LAND SUBDIVISION
April Chloride Sampling		R	R	R	
August Chloride Sampling	R	R	R	R	
Investigate Mitigation Measures		E			
Phase Development			M	M	
Pump Test Protocol			R	R	
Water Conservation			E	E	
Source Meters			R	R	
Individual Meters (for expanding portion)			R	R	
Design Modifications			M	M	
Hydrogeological Evaluation/Engineering Report			M	M	R
Moratorium if Degraded Water Quality, Rising Chlorides			M	M	
Denial unless Risk is Mitigated					R

High Risk: Chlorides within ½ mile and greater than 200 mg/L

	PUBLIC WATER SYSTEMS				
	Completed	Existing Non-Expanding	Existing Expanding	New	LAND SUBDIVISION
April Chloride Sampling	R	R	R	R	
August Chloride Sampling	R	R	R	R	
Investigate Mitigation Measures		R			
Phase Development			M	M	
Pump Test Protocol			R	R	
Water Conservation			E	E	
Source Meters		R	R	R	
Annual Reporting (monthly source meter readings)		R			
Individual Meters (for expanding portion)			R	R	
Design Modifications			M	M	
Hydrogeological Evaluation/Engineering Report			M	M	R
Moratorium if Degraded Water Quality, Rising Chlorides			M	M	
Moratorium if Clorides Exceed 200 mg/L		R			
Denial unless Risk is Mitigated			R	R	R

Key:

R = Required
M = May be Required
E = Recommended