

South Davis Water District

Strengths, Vulnerabilities & Opportunities Assessment

Last Updated: May 11th, 2026

CATEGORY	VULNERABILITIES	OPPORTUNITIES
Customer Base	Low and moderate income area limits fee and tax increases	- Increasing and changing population with higher incomes - Federal grants available due to low incomes - More culinary hookups as development continues increasing revenue
Staffing <i>Dedicated expertise; self-directed</i>	- No formal staffing back-up plan for extended illness, accident, or resignation - Limited career paths - No succession plan when water operators retire	- Formalize emergency staffing plan - Consider hiring a third full-time operator - Keep SDWD as an employer of choice - Develop formal succession plan
Culinary System <i>Wells; Weber Basin water redundancy</i>	- Age of wells and distribution system - Capacity —source and storage constraints - Lack of funding for proper upkeep of culinary and irrigation systems (Capital Improvement Plan and Asset Management Plan) - Phragmites —invasive plant consuming significant water supplies - Increasing electrical energy costs for pumping - Manual meter read —bi-monthly; water loss and high customer bills from lack of leak awareness - Earthquake destruction - Extended power outages - Aquifer —drought; reduced recharge from Weber irrigation metering mandate - PFAS — cost to remediate - Weber Basin rate increases - State legislation —possible new state fees, mandates, and taking of water rights - Large scale data centers—high water consumption and potential groundwater pollution	- Maintain and upgrade reserve funds - District has low water rates - Address phragmites at the state level; pursue creation of a phragmite abatement district - Maintain efficient pumping practices —reduce number of startups - Upgrade meters to radio or cellular read - Response plan; reserve funds; state and federal disaster assistance - Purchase more generators - Proper maintenance and upkeep of wells; continue Weber Basin contracts; recharge projects; coordinate with Bountiful on well water conservation - Legal settlement to cover some or all costs - Raise rates and/or property taxes; cut costs - Board and staff engagement with legislators - Monitor closely customer activity and continually monitor for bacteria in water
Irrigation System <i>Water rights (Weber Basin & N. Canyon); reservoirs</i>	- Reservoir —age - Reservoir —earthquake or other failure - Fewer irrigation users as properties develop, resulting in higher per-user costs - Lack of funding for proper upkeep - Weber Basin rate increases - Metering: penalties for failure to install meters possible in 2030; tiered rate requirement by 2030 - State legislation —state and federal mandates; taking of water rights	- Ensure proper preventative maintenance and rehabilitation - Insurance; reserve funds; state and federal disaster assistance - Allow more irrigation hookups to share costs and use unused water allotment - Raise rates and/or property taxes - Reverse/amend metering mandate; aquifer recharge credit; ground water management plan; document conservation results; develop tiered rate options - Board and staff engagement in the legislative process
Cyber-security	- Reliance on outside contractors - Databases corrupted, ransomware, etc. - No or inadequate insurance - Data hacked	- Ensure all areas covered by most competent contractors and close all open IT entry points - Strong backups with offsite storage - Maintain adequate insurance coverage
Financial Controls	Small organization limits internal controls	Bonding; internal audits; board oversight; performance —audits
Privacy Requirements	Potential failure to comply with new state privacy legislation	Comply with privacy audit by creating required notices, plans, etc.

Other Infrastructure & Equipment <i>Office building; other buildings; trucks; equipment</i>	• Office building — earthquake vulnerability • Disaster response supply gaps • Trucks —aging fleet • Other equipment — aging • Other buildings — aging	• Upgrade office building to current seismic standards • On-site provisions for mission-critical response: – Water —1 gallon per person per day for 14 days – Food —non-perishable, ready-to-eat supplies for 14 days – Sanitation —portable outhouse unit(s) at Command Center • Fund and maintain truck replacement schedule • Fund and maintain equipment replacement schedule • Preventative maintenance and upgrades on all buildings
---	--	---