

## INTRODUCTION

; `cVU`n̄gi ghU]bUVY'k UhYf'fYgci fW'a UbU[ Ya Ybh]g'Ub']ggi Y'cZ major concern. The problems of water resource management \Uj Y VVW̄ta Y]bW̄YUg]b[ `m̄i f[ YbhUbX W̄ta d'Yl žUg f'Ud]X'UbX' dYfj Ugjj Y'UbX! i gY VVUb[ Yg'a ci b̄h]bXi ghf]U'UbX'U[ f]W' h fU' UW̄j ]m̄]bH̄bg]xYgžUbX'i fVUb'dcdi `Uh]cbg VVW̄ta Y'a cfY' concentrated. Traditionally, water resource management often XYU'hk Jh]fcVYa g]b]gc`Uh]cbz̄]h]ci hgi ZxW̄ybhmUW̄ti b̄hb[ for interactions and potentially undesirable long-term consequences. An absence of integration in water management fYgi 'hYX]b[ `c]Yfb]b[ `VcX]Yg'VY]b[ `i bUVY'h'fYV̄ebW̄Y' W̄bØ]W̄]b[ `]bhYfYgfgžh Y XYj Y'cda Ybhczdc]M]Yg'k ]h]ci h adequate consideration of the implications for other water users, and poor consultation across sectors and the public.

Cj Yf' h Y'dUghik c 'XYW̄XYgžbYk 'UddfcUW̄Yg'h'k UhYf'fYgci fW' management that consider economic, ecological, social and W' h fU' j U'i Yg'cZk UhYf' h fci [ \ h Y]bW̄ g]cb'cZX]ZZfYbhZfa g' cZ\_bck 'YX[ Y'UbX'h Y]bj c'j Ya YbhczU'VfcUXYf'fUb[ Y'cZ gHU\_Y'c'XYfg'Uj Y]bW̄YUg]b[ `m̄Ya Yf[ YX'h'UXxfYgg'h Y' dYfW̄]j YX'g\cfH̄ta ]b[ g'cZfUX]h]cbU'UddfcUW̄Yg"5'dUfh]W'Uf'm̄]a dcfhUbhYI ua d'Y'cZU'VYhYf'a UbU[ Ya YbhUddfcUW̄]g'h Y' fUd]X[ fck h'cZW̄ta a i b]m̄]VUgYX'k UhYfg\YX]b]h]hj YgžUW̄]b[ as locally based decision-making organizations.

→ 6f]h]g\ 7c'i a V]UžW̄ta a i b]m̄]VUgYX]b]h]hj Yg'UfY' ]bW̄YUg]b[ `m̄VYW̄ta ]b[ `]bj c'j YX]b'XYW̄g]cbg'h'Uh'UZYW̄h Y]f' local watersheds. The rapid emergence of community-based k UhYfg\YX'd'Ubb]b[ 'UbX'a UbU[ Ya YbhfYØYW̄g'U'VfcUXYf'XYg]fY' Zcf'h Y'di V]MUbX'cW̄]b]hYfYgfg'h'Uj Y'U'a cfY'Zfa U'UbX' YgHUV'g\YX'fc'Y]b'k UhYfg\YX'a UbU[ Ya Ybh'<ck Yj Yfž notwithstanding the genuine enthusiasm and intent of many W̄ta a i b]m̄]VUgYX]b]h]hj Ygžh YmcZhYb'ZUW̄g][ b]xW̄bh' cdYfUh]cbU'W̄U'Yb[ Yg'5'g'i W̄ž]h]g W̄]h]W̄'h'Yj U'i Uh' h Y' YZYW̄j YbYgg cZd'Ubb]b[ dfcW̄ggYg'Udd']YX'VmW̄ta a i b]m̄] VUgYX]b]h]hj Yg'UbX'h Y]f'ja dUW̄g'cb'k UhYfg\YX! fY'UhYX' dfcV'Ya g]b'cfXYf'h'Yb'UbW̄ci f'W̄'YW̄j Y'\_bck 'YX' : ]fghiB Uh]cb'UbX'k Jh]h Y'gi ddcf hUh'h Y]b]hYbhczh Y'7FK F'g]h'ZM]jUhY'W̄'UVcfUh]j Y'

resolution of problems arising from urban growth and natural resource use pressures, inform and educate people about these a UhYfgz'UbX'dfca cY'UbX'gi ddcfhiW̄bgYf]Uh]cb'cZU' gi gHU]bUV'Yž'YU'k mk UhYfg\YX'Ybj ]fcba Ybh'h fci [ \ h Y' XYj Y'cda YbhczUb]b]hY[ fUhYX'k UhYfg\YX'a UbU[ Ya Ybh'Ub"→ &%&zh Y'Fci bXhUVY'fYW̄]j YX'Z' bX]b[ 'Zfa 'h Y'f YU'9g]h]h' : ci bXUh]cb'cZ6f]h]g\ 7c'i a V]UžA Yhfc'JUbW̄ti j Yf'UbX'h Y'6i '']fhi : ci bXUh]cb'h fci [ \ h Y'k UhYfg\YX'k UhM'Gf'a ch'GcW̄hmb'

Uh'hh Y'GV\cc` `cZF Ygci fW'UbX'9bj ]fcba YbhJ`A UbU[ Ya YbhUh  
G: I žUbX'Zfc a 'UV\XYa JW]HfUk fY'cb' ]bhYfbUh]cbU' VYgh  
dfUWg'Zfc' ]bhY[ fUH\YX'k UhYfg\YX'a UbU[ Ya YbhflK FA ĚUbX'  
UXUdhjj Y[ cj YfbUbW''H\Y'ZfUa Yk cf\_`W\bg]ghg'cZ&(`W]Hf]U'UbX'  
) &UggcW\Uh\X' ]bX]W\hcfg\cf[ Ub]nYX' ]bhC'Zci f'VfcUX'W\hY[ cf]Yg<sup>8</sup>.

1 7c``UVcfUh]j Y'D`Ubb]b[ /

2 <c' ]gh]W5ddfcUV\ /

3 5i h\cf]mUbX'7cbhfc`/UbX'

4 @YUfb]b[ 'UbX'5X↑ gh]b[ 'k ]h\`9l dYf]YbW"

~bhYfj ]Yk 'UbX'XcW a YbhUfmXUhU'k YfY'i gYX'h\Yj U'i UhY'h\Y'  
d`Ubb]b[ 'dfcW\gg"~bhYfj ]Yk g'k YfY'W\bx W\YX' ]b`&\$%('k ]h\`

## KEY STRENGTHS

5WlfX]b[ 'hc'hkYfYgi 'hgzhkY'7FKF'dYfZfa YX'YI Wdh]cbU'm k Y'']b'hkY'7c'UVcfUhjY'D'Ubb]b[ 'WWhj[ cfmkGca Y'cZhkY'a U]b' ghfYb[ hk'g']XYbh]xYX]b'hk]g'WWhj[ cfmk YfY.'

- 1. Defining a shared vision:** DUfh]WldUbhg'bj YghYX'hkY'ha Y'Uh hkY'VY[ ]bb]b[ 'cZhkY'd'Ubb]b[ 'dfcWVgg'hc'W'`YWhj Y'mXYx bY' U'Wta a cb'di fdcgY'UbX'j ]g]cb/
- 2. Inclusive representation:** H\Y'j Ughia U'cf]hmcZdUfh]WldUbhg' ]bX]WWhjX'hkUhU'`j U']X'jhYfYghg'UbX'j U'i Yg'k YfY' FYdfYgYbhYX'cb'hkY'Fc'i bXhUV'Y/
- 3. Voluntary participation and commitment:** Respondents XYa cbghfUhYX'hkY'f'W'`YWhj Y'Wta a ]ha Ybhik'hkY'dfcWVgg' hk'fc'i [ \j c'i bHfmidUfh]WldUh]cbz'k ]'']b[ bYgg'hc'W'`UVcfUhY'z UbX'WUa d]cb]b[ 'hkY'dfcWVgg/
- 4. Consensus-based conflict resolution:** DUfh]WldUbhg' W'`YWhj Y'mXYg][ bYX'W'bgYbgi g! VUgYX'W'bgO]W'fYgc'i h]cb' h'W'k]ei Yg'UbX'Udd']YX'hkYa 'k \Yb'bYYXYX'/UbX'
- 5. Mutual trust:** A i h U' hfi ghik Ug'YghUV'jg'YX'Ua cb[ participants through consistent and open communication UVci hghU\_Y\c'XYfg'dYfgdYWhj Yg'UbX'jhYfYghg'W'`YWhj Y'm designing clear ground rules and operating procedures, and ensuring transparency throughout the process.

Under the Holistic Approach category, two main strengths were ]XYbh]xYX.'

**5. Sustainable long-term funding:** All respondents indicated that the single largest challenge the CRWR endured was a lack of consistent and stable long-term funding for its own operations. This lack of funding is a significant challenge for the CRWR, as it highlights the reality of operational costs and the need for sustainable funding sources. The lack of funding also impacts the ability of the CRWR to address the subsequent challenges for long-term planning by these organizations.

## CONCLUSION

The results of this research demonstrate that the CRWR has increasingly become a leader in community-based watershed management. By adopting the recommendations from this research, the CRWR can solidify its role as a leader in community-based watershed management and better position itself for implementation of its watershed plan.

### AUTHORED BY

: ]`]Ub : ]Y`X]b[ žA UghYfg`7UbX]XUHYZ  
GVKcc`cZF Ygci fWV`UbX`9bj ]fcba YbHJ`  
A UbU[ Ya YbhžG]a cb: fUgYf`I bjj Yfg]m



## REFERENCES

- %" HNY`7cbgYfj Uh]cb`A YUgi fYg`DUfhbYfg\]d fV A Dl`'f&\$% L"  
CdYb GHJbXUfxg`Zf`H Y`DfUWVW`cZ7cbgYfj Uh]cb. Version  
' \$"`5j U`UVY`Zca . `W d! cdYbgHJbXUfxg"cf[  
&" : ]Y`X]b[ ž; "f&\$% L`9j U`i Uh]b[ `H Y`7cei ]hUa `F jj Yf`  
K UhYfg\YX`F ci bXHUV`Y`D`Ubb]b[ `DfcWVgg`UbX`h Y`CdYb`  
GHJbXUfxg`Zf`H Y`DfUWVW`cZ7cbgYfj Uh]cb: fUa Yk cf\_"  
OA FA `F`Ydcfh`b`Dfc[ fYggQ`6i fbUVnž67. `G]a cb: fUgYf`  
I bjj Yfg]mžGVKcc`cZF Ygci fWV`UbX`9bj ]fcba YbHJ`  
A UbU[ Ya Ybh