

## Species Resiliency

**Issue:** Promoting species resiliency as climate change alters local ecology

<b>Strategic Goal</b>	Improve species resiliency along the Santa Fe River Corridor by encouraging the use of rain gardens
<b>Objectives</b>	Enhance the presence of adaptable, climate change resistant native species by implementing rain gardens, while working to limit the establishment of exotic species. Native species should serve to help buffer the river corridor against climate change while providing a diverse selection for local pollinator species.
<b>Tasks</b>	<b>PHASE 1:</b> <ul style="list-style-type: none"><li>· Create a collaboration with rain garden experts with the city and representatives to identify ways the SFRC can help with the development and implementation of rain gardens.<ul style="list-style-type: none"><li>· Develop task list with rain garden developers to ensure the species resiliency group helps in an efficient manner</li><li>· Promote introduction of drought tolerant and native flowering species to rain gardens</li><li>· Work with Watershed Revitalization Committee to identify areas of ideal rain garden locations</li><li>· Research snow and ice removal protocols to work with city managers in finding alternative de-icers to reduce salts specifically along W. Alameda</li><li>· Educate community members on importance of rain gardens and native species</li></ul></li></ul>
<b>Members</b>	Emile Sawyer, Dale Doremus, Zoe Isaacson
<b>Notes</b>	N/A
<b>Reference Material</b>	<ul style="list-style-type: none"><li>· City and County GIS and Water Consumption Data</li><li>· Santa Fe County BISON Species of Concern Report</li><li>· Santa Fe Watershed Association Adaptation Report</li><li>· Santa Fe Basin Reports and Studies</li><li>· Santa Fe River Watershed Restoration Action Strategy (WRAS), Paige 2002</li><li>· Lower Santa Fe River: A Study in Contrasts, Skowran 2015</li><li>· Michigan.gov (Emerging Technologies in Winter Road Maintenance (2006))</li></ul>
<b>Fiscal Impact</b>	TBD

### Update:

Zoe Isaacson is researching alternatives to salt in winter road maintenance to help improve salinity levels along the West Alameda Corridor. She will report her findings at next meeting

Zoe reviewed seeding and planting list to be used in the W. Alameda Rain Garden and provided Andy Otto of the Watershed Association a list of additional species to consider. Dale contacted Steve Cary and requested he review the list and advise SRG on reliable pollinator species.

SRG continues seeking non-commissioned committee members

SRG will continue to explore ways to increase community interest and awareness of challenges facing Santa Fe River Corridor,