

River Basin Report Card July 12, 2019



Enable Policy, Projects, and Actions

Apply SARA's expertise and resources to influence, develop, and implement recognized and sustainable improvements to the health and safety of our creeks, rivers, estuaries and bays.







Enhance Community Appreciation and Recreation

Increase public awareness of and engagement with the River Authority.





Report Card Purpose

- Develop a shared vision of what the future will be, and what is needed to get there
- Integrate scientific understanding and ecological and socioeconomic values
- Provide accountability and focus by measuring the success of restoration efforts and identifying impaired regions or issues of concern that require resource attention
- Catalyze improvements throughout basin through improved public awareness and more informed decision makers



Report Card Metrics



•Safe – 6 indicators



Clean – 12 indicators



Enjoyable – 6 indicators



How is the basin grade calculated?

- 24 indicators, each receives a numeric and letter grade
- Safe, Clean and Enjoyable each get their own average grade
- Safe, Clean and Enjoyable grades averaged together for overall basin grade
- Qualitative, non-graded "observations" section included as part of the conclusions



Report Card Grades

- Grades & Results: Use a grading scheme and representation that is easy to understand.
 - A = 80-100% = Excellent
 - B = 60-80% = Good
 - C = 40-60% = Moderate
 - D = 20-40% = Poor
 - F = 0-20% = Failing
 - No data





ABCDF?

Report Card Graphics













Safe Indicators

- 1. Floodplain maps
- 2. Population with completed floodplain maps
- 3. Flood Models available for emergency responders





Safe Indicators



- 4. Community investment in flood mitigation capital improvement projects
- 5. Riparian Protection
- 6. Mission Reach Restoration



- 1. Water quality models
- Primary Contact
 Recreation swimming
 standard
- 3. Secondary Contact
 Recreation paddling
 standard







- 4. Recreation water quality data
- 5. Index of Biotic Integrity
- 6. Habitat Quality Index



- 7. Estimated reduction of bacteria and Total Suspended Solids
- 8. Whooping Crane health
- 9. Freshwater Inflows





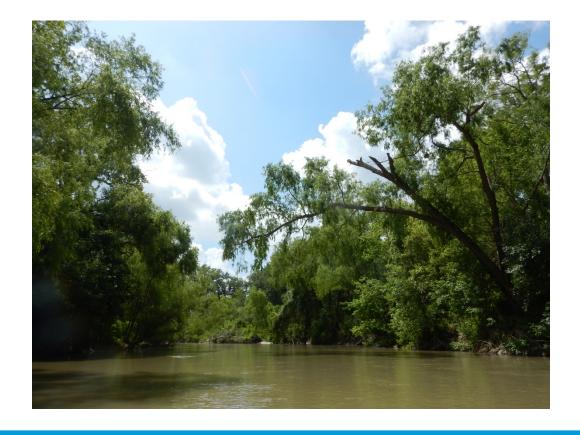


- 10.Wastewater Infrastructure
- 11.Wastewater Treatment
- 12.Wastewater Discharge



Enjoyable Indicators

- 1. Mission Reach trash
- 2. Paddling Trails
- 3. Known Paddlers





Enjoyable Indicators



- 4. Number of pedestrians and bicyclists passing the Mission Reach trail counters
- 5. Number of pedestrians and bicyclists passing the Museum Reach trail counter
- 6. SARA park attendance



Telling the Story

- Released annually
- Printed Executive Summary
- Full report online
- Paid and Earned media to promote and drive traffic to online report





Questions?

