



SAN ANTONIO
RIVER AUTHORITY

River Basin Report Card

July 12, 2019

COMMITTED TO SAFE, CLEAN, ENJOYABLE CREEKS AND RIVERS



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 socio-economic 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



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



Clean Indicators

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



Clean Indicators



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



Clean Indicators

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



Clean Indicators



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?

