



THE RECREATION AND PARK
COMMISSION FOR THE
PARISH OF EAST BATON ROUGE
RESILIENCE STRATEGY

CSRS

6201 Florida Blvd., Baton Rouge, LA 70806 | Superintendent's Office
Recreation and Park Commission for Baton Rouge (BREC)

Project #: 218137 | Issued: January 2019
Approved by Commission: Month XX, 2019 3:00 P.M. (CDT)

SUPERINTENDENT'S LETTER

BEING RESILIENT

Dear Friends and neighbors,

On behalf of BREC, I am pleased to present to you this Resilience Strategy for the Recreation and Parks Commission for the Parish of East Baton Rouge. BREC parks contribute their conservation, health and wellness, and social equity roles by providing essential outdoor spaces for our Parish residents to live, play, and interact with their neighbors. Our 6,000+ acres of beautiful green infrastructure create opportunities that can help our Parish adapt to the impacts of future floods, climate change, and other natural and man-made hazards.

As was evident with the historic flood of August 2016, many of BREC's largest parks and open spaces demonstrated their capacity to hold and store stormwater that would otherwise have added more flooding to their surrounding developed communities and neighborhoods. This Strategy will not only help guide BREC's stewardship of parks and conservation areas, but will emphasize the multifunctionality of parks and their role in resilience, flood mitigation, and improvement of air and water quality. It will serve as a roadmap for the entire BREC organization by articulating new, innovative guidelines for resiliency-focused planning, design, operations, and management processes.

BREC also looks forward to sharing this Resilience Strategy and partnering with the City-Parish, the cities of Baker, Zachary, and Central, the State, and federal agencies, in an integrated planning approach that develops risk reduction projects throughout the Parish, focused on nature-based solutions. BREC is committed to working together as one community to build a strong, healthy, and resilient future.

Sincerely,



COREY K. WILSON
BREC Superintendent



MESSAGE FROM:

COREY K. WILSON
BREC Superintendent





CONTENTS

INTRODUCTION 1-3

PLANNING & PROGRAM EFFORTS..... 5-11

SYSTEM-WIDE
RECOMMENDATIONS AND ACTION ITEMS 13-19

Institutionalize Resilience 13

Resilience as Revenue..... 14

Resilience as a Daily Activity 16

Parish-Wide Watershed Risk Assessment 18

SITE
RECOMMENDATIONS AND ACTION ITEMS 21-37

Introduction 21

Airline Highway Park 22

Blackwater Conservation Area 24

Central Sports Park..... 26

Greenwood Community Park..... 28

Highland Road Community Park..... 30

Howell Community Park..... 32

Memorial Sports Complex 34

Zachary Community Park..... 36

CONCLUSION 39

APPENDIX 40







INTRODUCTION

BEING RESILIENT

The Great Floods of 2016 devastated the Baton Rouge area and many BREC parks were heavily damaged. Hundreds of households are still struggling through the rebuilding process and many municipalities are still wrestling with restoring their infrastructure. Emerging from this catastrophe however is a consensus that we cannot simply put things back the way they were. We must adapt. We must look forward and develop solutions for the challenges that lie ahead. BREC can be at the forefront of this proactive approach, building resilience for the East Baton Rouge Parish and surrounding area, its residents, and the generations to come.

**CSRS TEAM CONTACT:****MARK GOODSON**

Resilience Practice Lead

Office: 225.831.2211

Cell: 225.270.5581

Email: mark.goodson@csrsinc.com

INTRODUCTION

BEING RESILIENT

CHARACTERISTICS OF RESILIENCE

INFORMATION PROVIDED BY: 100 RESILIENT CITIES, PIONEERED BY THE ROCKEFELLER FOUNDATION



REFLECTIVE

Using past experience to inform future decisions

Individuals and institutions that are reflective use past experience to inform future decisions and will modify standards and behaviors accordingly. For example, planning processes and design standards that are reflective are better able to respond to changing circumstances.



ROBUST

Well-conceived, constructed, and managed systems

Robust design is well-conceived, constructed and managed and includes making provision to ensure failure is predictable, safe, and not disproportionate to the cause. For example, protective infrastructure that is robust will not fail catastrophically when design thresholds are exceeded.



REDUNDANT

Spare capacity purposefully created to accommodate disruption

It includes diversity where there are multiple ways to achieve a given need. For example, energy systems that incorporate redundancy provide multiple delivery pathways that can accommodate surges in demand or disruption to supply networks.



PHOTO: BREC

INTRODUCTION

BEING RESILIENT



BREC Staff / November 6, 2018- site visit to Howell Community Park.

BREC can be at the forefront of a new proactive approach, building resilience for the Baton Rouge metro area, its residents, and the generations to come.

Cities around the world are recognizing the promise that parks hold in reducing the risks of extreme weather, environmental degradation, and threats to public health. Parks have always been important to quality of life, acting as places of respite, performing environmental services, and providing a place for recreation and culture. However, as the likelihood of extreme weather increases and the costs from these events rise, parks will come to play an ever more important role in the resilience of cities. In order to do so, parks originally designed for sports, recreation, and leisure must be reimagined with the risks and opportunities of the future in mind.

BREC enjoys a large inventory of parks that range in size and function. Some BREC parks already provide resilience benefits. Some naturally serve as flood storage due to their topography or as wildlife habitat due to their natural areas. However, with intentional design, investment, and maintenance, BREC can greatly expand the range and depth of these benefits, reducing risk for the entire Parish while improving its own operations. This document serves as a strategy guide to unlock these benefits both at specific parks and across the entire BREC system.





PLANNING EFFORTS

SETTING THE STANDARD

BREC currently manages many plans and initiatives that build resilience through increasing natural habitat, reducing the organization's environmental impact, and training the next generation of leaders. The following pages outline BREC's completed and plans currently underway. These plans along with future initiatives will ensure the organization keeps resilience as a priority.

APPROVED PLANS



Blackwater Conservation Area Management Plan - In order to fully assess the management needs of BREC natural areas, BREC has begun to develop individual management plans for parks contained conservation areas. The Blackwater Management Plan was the first of its kind and outlines how the park was surveyed, specific resources within the park, management concerns and action items for how to remedy and monitor long-term. This document will guide natural resource management and park planning and development down the road to ensure it continues to be a healthy ecosystem with recreational opportunities for the public for years to come.



Environmental Sustainability Policy - Outlines goals and objectives for the organization to concentrate on public outreach, education, waste reduction, energy conservation, water conservation and water quality protection, sustainable design and construction and purchasing procedures.



Historic and Cultural Resource Management Plan – Identifies a vision to celebrate the culture and history of BREC's properties, resources, evaluation processes and preservation recommendations. The Cultural Plan provides guidance on how art and culture can flourish and be shared for the benefit of all residents and visitors. The plan outlines the importance of showcasing the diversity and history of Baton Rouge within parks.



Natural Resource Management Plan – Provides guidance through recommendations for programs and actions targeted on making the park system more environmentally sustainable. The Plan identifies goals and initiatives specific to air quality, water quality, stormwater management, wildlife habitat, recreation, economic benefits and quality of life. The plan identifies each of BREC's conservation areas by park and habitat conservation type.



Recycling & Zero Waste Plan – Identifies opportunities for the reduction of waste through operational guidelines to eliminate items transported to landfills. The plan provides direction on how the BREC team manages waste in parks, special events and daily operational activities and protocols on different materials and procedures to ensure the integrity of the environment is left in a better condition for future generations.

PLANNING EFFORTS

SETTING THE STANDARD

PLANS UNDERWAY



Forest Community Park Management Plan - Following the completion of the Blackwater Management Plan, assessment of Forest Community Park's natural resources was started and the beginning of a plan developed. This will be the first Community Park containing a conservation area to be assessed and differs from Blackwater in that it has many different needs it is servicing to the community in addition to just those related to conservation of natural resources.



Invasive Species Management Plan - One of the largest threats to local ecosystems and biodiversity outside of land development is the overtaking on non-native invasive species. In order to provide guidance on which species are of greatest concern and how to appropriately manage them, this document is being created as a reference. It is hoped that this will be used to guide both natural resource management, planning and park operations moving forward to promote the use native species and systematically work to remove non-natives from the landscape and increase biodiversity in our parks.

PLANS COMING SOON



Aquatic Management Plan - A large portion of BREC parks contain natural aquatic systems that must be actively managed to remain healthy and provide viable recreational opportunities for patrons. To ensure these resources are managed consistently and effectively with best practices, this document is being created to be used as a reference. It is hoped that this will be used to guide both natural resource management, planning and park operations moving forward to ensure that we have healthy ponds, streams and wetlands with high biodiversity that can be used by park patrons for fishing, paddling and wildlife viewing.



Grow Zone Management Plan - Grow zones are areas of naturally restored landscape utilizing native plants which reduce operational costs and maintenance requirements. This plan will outline best practices for planning, developing and maintaining these areas using knowledge learned from existing pilot Grow Zones within BREC parks. This plan will not only establish potential future Grow Zone locations but also outline the importance of these areas and justify their existence both economically and ecologically via stormwater mitigation, increased biodiversity, elimination of harmful chemicals, erosion prevention, etc.

PLANNING EFFORTS

SETTING THE STANDARD



Individual Park Management Plan - To better understand the natural resources and management concerns within BREC parks we will continue to develop either Management Plans or Biodiversity Surveys for parks containing natural areas. These documents will allow a better understanding of the resources we are trying to protect and will outline necessary management prescriptions, how to monitor these and ways in which the areas can better serve the community. These individual plans will aid BREC in better understanding each park's unique resources while also referring back to how they relate to a big picture model of BREC's park as a whole.



Standard Operating Procedures- Operational guidelines identify expectations for maintenance protocols, safety, technology, administration directions and inspections. These procedures can assist the sustainability plan and conservation plan by clearly listing direction for operational scenarios regarding best practices for energy use, stormwater management, water quality, water consumption, zero waste and wildlife.



Storm-water Design Standards - BREC provides assistance in stormwater management throughout the Parish. Management features are also be used to beautify the parks while promoting conservation efforts. BREC will continue to look for ways to increase the storage capacity of a pond or lake within each park and improve the design standards based on lessons learned.

BEST PRACTICES



Acquisitions - Strategic acquisitions provide opportunities for creating gateways and entry nodes, additional recreational space, educational nodes, conservation zones, increased wildlife habitat areas, and buffers from adjacent development. Also, acquiring additional floodplain adjacent to a park allows BREC to control and mitigate stormwater runoff directly to the tributary and potentially increase storage.



Parks as Economic Development - Parks serve as an economic catalyst and have proven to increase land value within a quarter mile radius. Encouraging development adjacent to parks, commercial or residential, provides opportunities for accessibility to all residents which in turn promotes a healthy lifestyle. Reinvestment in parks, landscape beds, playgrounds and many other amenities is a display of commitment of the parks system to an area of the city.

PLANNING EFFORTS

SETTING THE STANDARD

BEST PRACTICES



Partnerships – Partnerships with non-profits who provide in-kind donations or labor can assist in the beautification of a park. Utilization of local volunteers to enhance the educational experience regarding conservation areas and lead tours.



Public / Private Opportunities - Strategic partnerships can provide an avenue for additional funding or revenue source for new construction, redevelopment or operational costs. Sponsorships through naming rights of a sports complex, field, neighborhood park, recreational facility or multipurpose room can provide funding for reinvestment within a specific park or recreation center. Partnerships with local recreational leaders can assist in the promotion of sports leagues enhancing attendance and participation.



PHOTO: BREC GROUNDBREAKING WITH COMMUNITY PARTNER

PROGRAMMING EFFORTS

CURRENT PROGRAMS UNDERWAY

BREC currently manages many programs and initiatives that build resilience through increasing natural habitat, reducing the organization's environmental impact, and training the next generation of leaders. The following pages are brief descriptions of resilient programs BREC administers. For a complete listing of programs please visit www.brec.org.

EXISTING PROGRAMS



Camping - Every family should experience s'more, setting up a tent together and stories by firelight and BREC is dedicated to providing these opportunities to park patrons. There are not many camping resources or locations available in the parish and so by facilitating these activities in BREC parks, families can not only share this experience close to home, but also gain useful knowledge to feel comfortable enough to take their family on a trip outside the parish.



Citizen Science - What is more engaging than volunteering in parks? We think it is collecting valuable data that will be used in park planning, management and scientific research. Through several different programs and events BREC provides everyday citizens the opportunity to learn how to collect data about natural resources that is valuable and useful. These opportunities not only empower patrons but also educate them about the resources we have in our parks.



Fishing – Fishing in Louisiana has always been strongly rooted in culture and family. BREC is dedicated to providing opportunities for families to experience fishing together and share their knowledge with new anglers. In addition to seasonal stockings, BREC also offers fishing rodeos which provide a fun, festival style atmosphere with high chances of success to provide positive experiences for young anglers.



Gardening – Through various partnerships and projects, BREC has several community gardens within parks. These provide the opportunity to engage the community through garden focused programming and volunteer opportunities.



Guided Hikes – BREC provides a variety of hiking opportunities for patrons to get out in BREC parks to experience nature and learn about local ecology. These programs not only educate patrons about the resource but also introduce them to new parks and trails they have not experienced before. It is the hope that by providing patrons with the knowledge, tools and confidence they need in these programs, they will appreciate resources more and be encouraged to experience them on their own.

PROGRAMMING EFFORTS

CURRENT PROGRAMS UNDERWAY



PHOTO: BREC GUIDED HIKES TO THE COMITE RIVER



PHOTO: BREC VOLUNTEERING AT BLACKWATER CONSERVATION AREA

PROGRAMMING EFFORTS

CURRENT PROGRAMS UNDERWAY



Paddling - Louisiana is known for its waterways and all the wildlife and scenic views that can be seen along them. BREC has a variety of paddling opportunities that teach patrons the basics and advance their skills and confidence. Whether they are just starting out or hoping to use their skills to navigate back channels for birding, BREC facilitates these experiences through programming, classes and workshops.



STEM/After-school Education - BREC is more than or parks, we provide valuable resources to the community to better their lives and educate their children. Through outreach, STEM and afterschool programs, local youth have a safe place to learn, socialize and plan for their future. Whether it is learning how to eat healthy, about local watersheds or experiencing science and technology first-hand at one of our many events, BREC is at the forefront of providing hands-on educational opportunities for students and youth.



Volunteering – BREC has a variety of opportunities for patrons to volunteer through the system depending on their interest. Whether it is just one time or dedication over several years, volunteer opportunities in parks engage the public to feel invested in park planning and management. Additionally, we provide the opportunity for training and more independent work through the Green Force Volunteer Program that allows graduates to conduct surveys, trail maintenance and invasive species removal projects all on their own.





SYSTEM-WIDE
RECOMMENDATIONS

SYSTEM-WIDE RECOMMENDATIONS AND ACTION ITEMS

ITEMS TO CONSIDER

INSTITUTIONALIZE RESILIENCE

While many individual efforts are underway at BREC to advance resilience, more cohesion and institutionalization is needed so that the solutions are better integrated throughout the organization. This integration should be done both horizontally across the organization, reaching each park and program, and vertically throughout the organizational chart, from front-line operators to executive leadership. These efforts can be done by scaling existing efforts and standardizing practices across the organization. Scaling existing efforts involves taking the innovative practices being piloted in a few parks and implementing them at other facilities. Examples of scaling include taking low-impact park management practices from small test efforts and implementing them across the inventory while training maintenance staff in these new approaches so that they are adopted and institutionalized. Standardizing practices involves taking good practices such as including stormwater modeling or resilience performance criteria for facilities and adopting them as baseline requirements for all capital planning and improvements.

Recommendations & Action Items

1. Adopt a design requirement that each park manage a specific amount of stormwater based on their capacity with a goal that all parks will be upgraded to this standard as they progress through the capital improvement cycle.
2. Partner with the City-Parish government in the development of a parish-wide or watershed-wide flood risk assessment and identify flood risk reduction projects that rely on BREC facilities to perform stormwater retention and detention.
3. Retain professional services for stormwater modeling either within each individual solicitation for park master planning or as a stand-alone service directly to BREC in support of each major capital improvement project to ensure that each capital project incorporates science-based stormwater management features
4. Adopt facility performance requirements for back-up energy, safe rooms, and sewage treatment for critical facilities across the BREC system
5. Provide and require training for staff on resilience, sustainability, zero waste, and low-impact practices so that all staff have a common understanding of the initiatives and the importance in their role implementing these practices in the park system.



PHOTO: BREC GROW ZONES

SYSTEM-WIDE RECOMMENDATIONS AND ACTION ITEMS

ITEMS TO CONSIDER



RESILIENCE AS REVENUE

By investing in resilience, we are investing in a safer future where the costs of floods and other hazards are minimized through proactive planning. BREC parks and facilities already play an important role in providing resilience benefits to the Parish, whether by serving as floodwater storage, emergency support centers, or landscapes that remove pollutants from our water and air. These benefits can be enhanced through resilient design and they can serve as a rationale for increased investment in capital projects by providing a greater return than they cost. The economic benefit from these enhancements will provide a direct return to BREC and will also support the surrounding community. In order to unlock the latent resilience value of its assets, BREC can carry out demonstration projects that prove their worth, learn from these projects, and then deploy the lessons-learned across the BREC inventory.

Recommendations & Action Items

1. BREC staff and commission to select three pilot projects to invest in as proof-of-concept initiatives that will demonstrate resilience benefits.
2. Run a hydrology benefits study and comprehensive benefits-cost analysis for selected projects in order to compete for funding and use existing BREC capital dollars assigned to the projects as leverage to make BREC's applications more competitive.
3. Apply the BREC scoring rubric for capital projects that factors in equity, risk reduction, environmental sustainability, deferred maintenance, and other critical factors to provide a transparent rationale for selecting parks for capital improvements and the specific improvements to be made.
4. As a part of the BREC Capital Improvement Plan and Program, conduct a system-wide benefits analysis demonstrating the overall benefits that BREC facilities provide to the Parish.
5. Develop a request for proposals for capital investment in renewable energy and energy efficiency for BREC facilities that would leverage future costs savings to finance investment. Savings would include but are not limited to: Utility, Maintenance, Materials and Labor Cost.

CASE STUDY

ACTION SPEAKS LOUDER THAN WORDS



PENN PARK
PHILADELPHIA, PA

At 24 acres Penn Park in Philadelphia on Penn's campus adjacent to the Schuylkill River provides students with an athletic complex that also serves the neighboring community through various water management features. The park boasts two multipurpose fields, 12 tennis courts, a natural-grass hockey field, a softball field, passive open space, a food orchard and a student-run apiary. The Park's previous purpose was the home of a U.S. Postal Service vehicle maintenance facility and parking lot. This transformation from pavement to green space, coupled with the innovative water management features, has provided the students with additional recreational space and research and educational opportunities. This design provides the opportunity for athletic events to continue without significant downtime from a typical storm event. Revue lost is mitigated through the assistance of sustainable stormwater management within the park.

The Park's sustainability is showcased through the natural design features within the park. The bioswales within the park cover approximately three-quarters of an acre and provide stormwater management practices while giving the park a more natural disposition. A meadow connects the natural spaces within the park and provides the rain gardens additional storage. The park has an underground 300,000-gallon cistern that collects the runoff from the adjacent athletic fields that is used for irrigation within the park. The Park's design performed better than expected during the record setting rainfall it experienced a month before opening. Additionally, the park sustained the rainfall of Hurricane Irene while mitigating the stormwater runoff.

SYSTEM-WIDE RECOMMENDATIONS AND ACTION ITEMS

ITEMS TO CONSIDER



Through the efforts of a capital campaign, Buffalo Bayou Park was transformed from a drainage ditch to a premier park within Houston's park system.

RESILIENCE AS A DAILY ACTIVITY

The services and programs that BREC delivers every day of the year can be tuned to deliver more resilience benefits. Whether it's reducing environmental impact through its maintenance practices, developing biodiverse landscapes resistant to extreme weather shocks, or finding operational efficiencies that allow for more direct investment in park improvements, BREC can incorporate resilience-building into its daily practices.

Recommendations & Action Items

1. Reduce costs and environmental impact while building resilience.
 - Action 1: Develop a comprehensive Grow Zone program across the BREC system to deliver multiple benefits including reduced maintenance costs, wildlife habitat, educational opportunities, reduced chemical use, and erosion mitigation
 - Action 2: Continue to conduct energy audits across the entire BREC system and use GIS data to develop a comprehensive energy efficiency program and seek investments in renewable energy.
2. Implement an Enterprise Asset Management (EAM) System that interfaces with BREC's Enterprise Resource Management (ERM) system to track work orders, lifecycle costs, and operations and maintenance activities. Develop KPIs to track performance and cost savings in order to justify upfront costs in capital improvements that lower life-cycle costs.
3. Continue and enhance environmental education and engagement so that BREC users of all ages can get a better understanding of the risks and challenges of our changing environment and how BREC's facilities and practices address them.
4. Enhance and protect biodiversity to create more resilient landscapes.
 - Action 1: Implement a comprehensive program for the control and reduction of invasive species and the protection and reintroduction of native species
 - Action 2: Conduct an ecosystem benefits study to analyze the economic impact that BREC's parks and conservation areas provide
5. Integrate the sustainability plan and zero waste strategy with resilience initiatives.

CASE STUDY

ACTION SPEAKS LOUDER THAN WORDS



BUFFALO BAYOU PARK
HOUSTON, TX

Buffalo Bayou Park is a 160-acre linear park located west of Downtown Houston. Through the efforts of a capital campaign, the park was transformed from a drainage ditch to a premier park within Houston's park system. The 160 acre park stretches of 2.3 miles with hike and bike trails, seven public art installations, three gardens, two festival lawns, a dog park, a skate park, a nature play area, a restaurant and an art exhibit hall. The amenities within the park were carefully sited above the path of potential floods, while other park elements we designed to be submerged during a storm event. This design prevents reconstruction post event and requires only cleanup. The natural landscape design assists in slope bank stabilization mitigating the need for frequent reinvestment. The parks amenities were designed to be resilient and withstand floods and everyday wear and tear. This infrastructure was constructed with heavy-duty materials and redundant systems to help the park withstand the impact of large crowds and multiple events simultaneously.

During Hurricane Harvey, 27 trillion gallons of rain was dropped onto the Houston metropolitan area and flood waters rose 38.7 feet at the Park's western end. However, the upper third of the park was not submerged for long allowing patrons to revisit the upper trails within days after the hurricane. The recreation athletic fields and passive park elements were inundated with flood waters longer, however they performed flood mitigation as designed and provided additional storage during a significant flood event. These design principals offset the typical need for reinvestment following a hurricane.

The Park's success is underscored by visitation of over 150,000 patrons to a trail within the park in one month.

SYSTEM-WIDE RECOMMENDATIONS AND ACTION ITEMS

WATERSHED RISK TYPOLOGIES

PARISH-WIDE RISK ASSESSMENT

Recently, CSRS performed a high-level, asset-based, risk assessment of East Baton Rouge Parish. Knowing the vulnerability of the watersheds relative to flooding can help guide disaster planning and investments in flood risk reduction throughout the Parish. The preliminary outcome identified three risk typologies: Low, Medium and High watersheds. Generally, those watersheds with a higher density of assets present are at higher risk due to flooding than outlying areas that are less developed.

Based on the risk typologies, of the 180 BREC parks, 98 parks are within the High risk watersheds, while 54 are in the Medium risk and 28 are classified Low risk. Please refer to the appendix for a complete listing of all BREC parks. In the next section of this report, CSRS will highlight 8 different parks and make resilient action recommendations for consideration. The 8 parks chosen are listed below with locations on the map on page 13.

PARK LOCATIONS & OVERVIEWS

AIRLINE HIGHWAY PARK



MEDIUM WATERSHED RISK ZONE

This major park serves developing subdivisions in the southeast area of the parish and hosts parish-wide events. The Greater Baton Rouge State Fair is held here each fall and other special events.

BLACKWATER CONSERVATION AREA



MEDIUM WATERSHED RISK ZONE

The Blackwater Conservation Area was developed through USACE, City of Baton Rouge and BREC. Once used as a gravel mine, this site as a mitigation area for drainage projects and an opportunity for ecosystem restoration.

CENTRAL SPORTS PARK



MEDIUM WATERSHED RISK ZONE

Central Sports Park is a new first-class facility containing softball/baseball fields with lights, a concession/restroom building, 1/3 mile concrete walking path, and a large fishing lake.

GREENWOOD COMMUNITY PARK



MEDIUM WATERSHED RISK ZONE

This park is located in the northern part of East Baton Rouge Parish. It is one of BREC's largest parks, located on Highway 19 at New Rafe Meyer Road, near the city of Baker.

HIGHLAND ROAD COMMUNITY PARK



LOW WATERSHED RISK ZONE

This park is located in the southeastern part of East Baton Rouge Parish. Highland Road Community Park serves a larger geographic area than a neighborhood park and is designed to engage the entire family for a whole day. It is very popular because of all the features the park has to offer and for the scenic landscape.

HOWELL COMMUNITY PARK



HIGH WATERSHED RISK ZONE

This park is located in the mid-west part of East Baton Rouge Parish. Howell Community Park serves a larger geographic area than a neighborhood park and is designed to engage the entire family for a whole day.

RISK ASSESSMENT

WATERSHED RISK TYPOLOGIES

MEMORIAL SPORTS COMPLEX

M MEDIUM WATERSHED RISK ZONE

This stadium is adjacent to Interstate 110 in downtown Baton Rouge, near the Governor’s Mansion and the Department of Transportation and Development. It seats 21,500 people and is used by local high schools and BREC for football games.

ZACHARY COMMUNITY PARK

Z LOW WATERSHED RISK ZONE

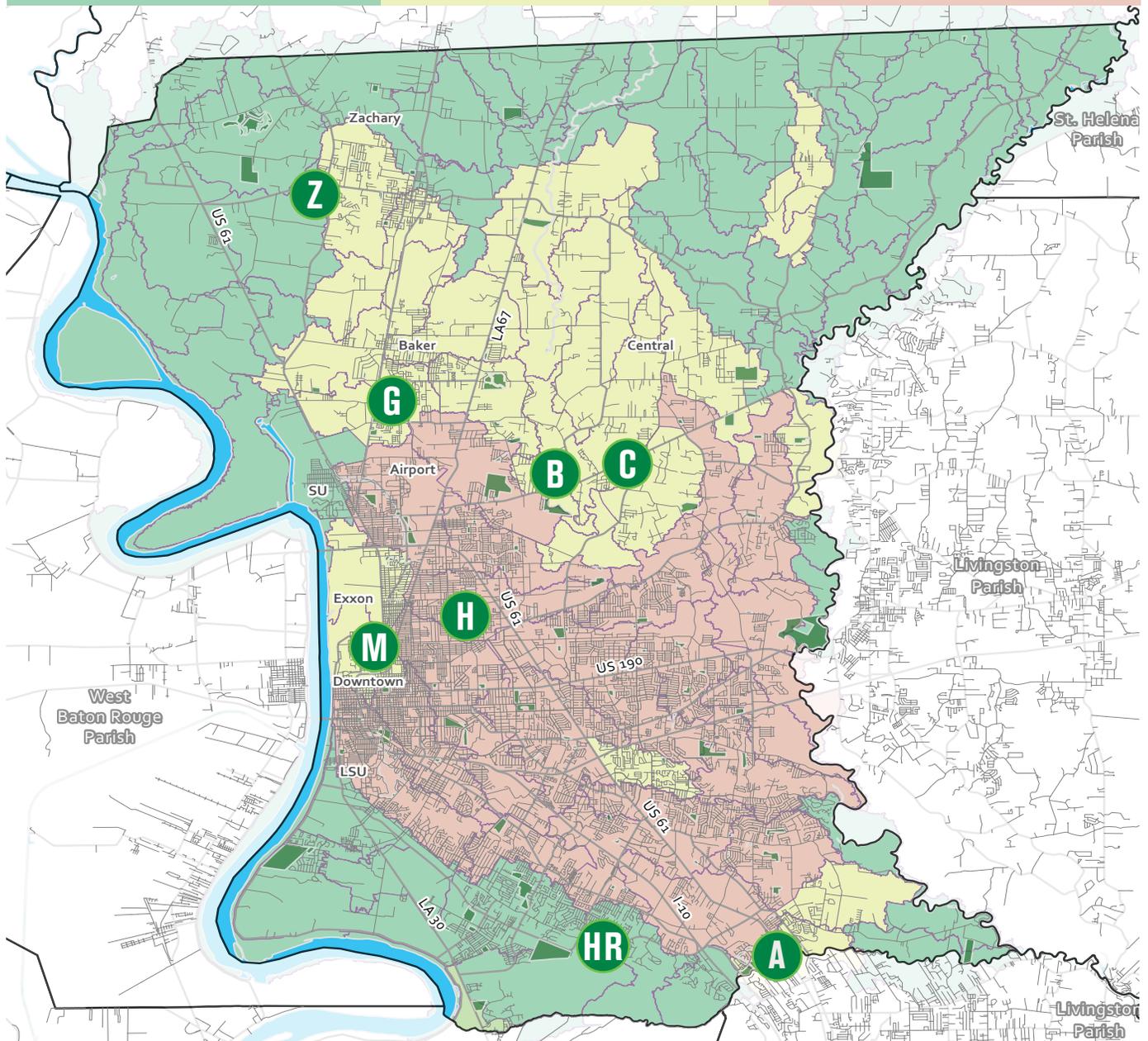
This park is located in the City of Zachary along Old Scenic Highway. Zachary Community Park serves a larger geographic area than a neighborhood park and is designed to engage the entire family for a whole day.

PARISH-WIDE WATERSHED RISK ZONES

LOW WATERSHED RISK ZONE

MEDIUM WATERSHED RISK ZONE

HIGH WATERSHED RISK ZONE







**SITE SPECIFIC
RECOMMENDATIONS**

SITE RECOMMENDATIONS AND ACTION ITEMS

INTRODUCTION



WHY CONDUCT A TECHNICAL ASSESSMENT?

A resilience assessment is a collection of data on risks and vulnerabilities to better understand a particular place. By exploring individual parks, BREC is able to understand the vulnerabilities of their own assets, and how those assets can become more resilient, and contribute to improving the resilience of their surrounding areas. We can also learn more about widespread vulnerabilities affecting the residents that surround a BREC park. With physical improvements recently made and the results of the 2016 flood damage, CSRS created the following recommendations and priorities for BREC's consideration. The site assessment identifies areas of risk within each park and determine if floor damage occurred in 2016. Implementation will result in actionable strategies for reduction of risk and a more resilient culture to be replicable system-wide.





PHOTO: THE ADVOCATE

Aerial photo showing flooded Airline Highway Park and Santa Maria

17200 AIRLINE HIGHWAY, BATON ROUGE, LA 70810

MEDIUM WATERSHED RISK ZONE

AMENITIES:

- Airgun Range
- Ball / Multi-Purpose Field
- Cricket Field
- Company Picnic
- Playground
- State Fair

SIZE

- 133.36 Acres

KEY TAKEAWAYS

- 2019 Master Plan RFP
- Decommission Oxidation Pond
- High Flood Storage Potential
- Solar Potential
- Support Safe Room Application



WHLC: SAFE ROOM

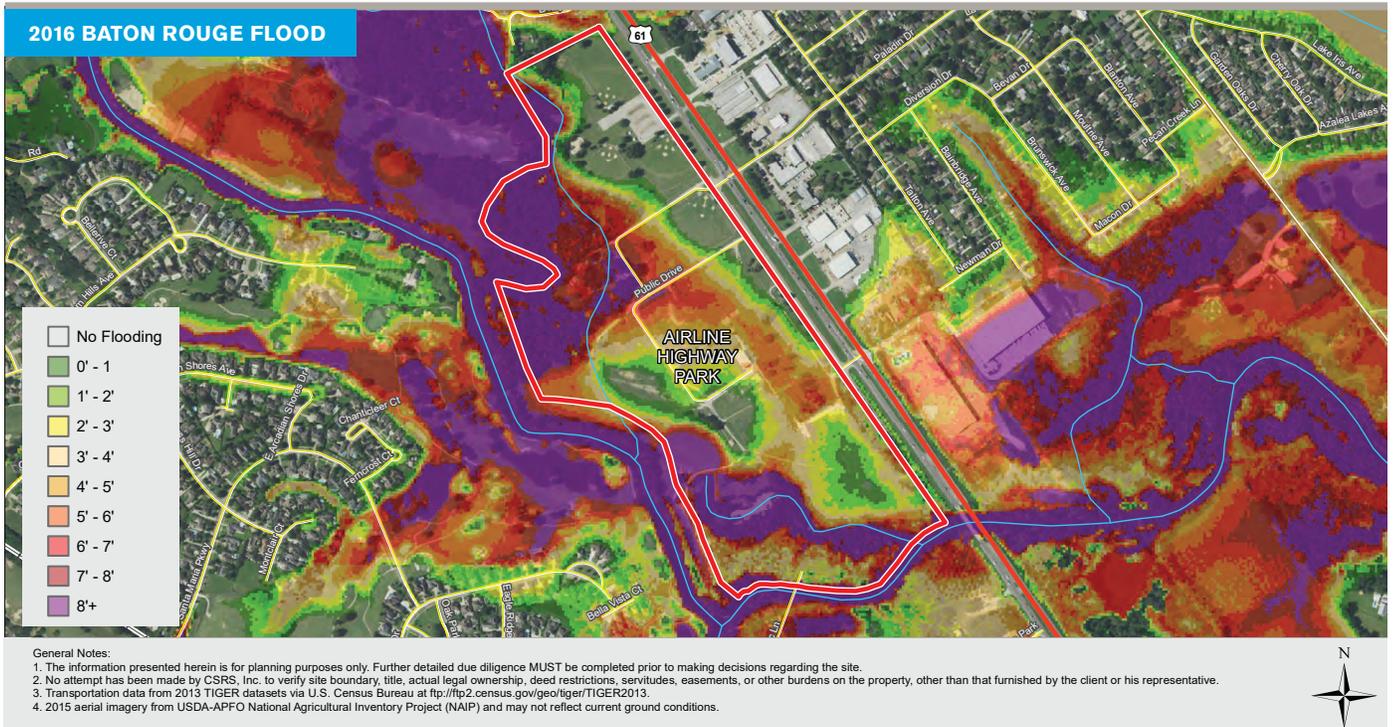
Park Overview

Located within a medium risk watershed, Airline Highway Park experienced damages during the 2016 flood event. This major park serves developing subdivisions in the southeast area of the parish and hosts parish-wide events. The Greater Baton Rouge State Fair is held here each fall and other special events such as Family Day, company and family picnics, as well as scouting activities.

Resilience Findings

The Airline Highway Park resilience assessment was conducted on November 6, 2018. CSRS identified the following areas for potential resilience considerations:

- **Master Plan** - The 2019 master planning effort will allow a deep drive into today's best practices. By incorporating the science behind solar potential, a safe room and reinventing the park to allow for flood storage, Airline Highway can serve as a model for large suburban parks across the country.
- **Events** - As a revenue driver, the master plan effort must evaluate the potential market analysis of making a substantial investment to showcase the parks ability to host large events.
- **Connection** - Airline Highway Park has tremendous potential to improve its connections to the surrounding communities. By connecting Santa Maria with a pedestrian trail or integrating the park into BREC's Blueway Program, a grassroots narrative for the park will be taking shape and transform the park into a true community asset.
- **Flood Storage** - Proper planning, sizing, and construction are required to implement successful floodwater storage systems. The 2016 flood showcased the parks role and brought to light potential improvements to



PRIORITIES: How to prioritize your action items?

By establishing a set of resilient priorities, BREC can create a clear vision of concentrated efforts and the ability to track resilience investments in the future. A suggested timeframe has been assigned to each priority for discussion purposes only.

Action Items	Timeframe
Continue HMGP coordination for safe house implementation	SHORT TERM / 1 - 3 YEARS
Develop a stormwater benefit analysis to maximize BREC's park involvement within the Parish-wide watershed master plan - Natural Resources Management Plan	SHORT TERM / 1 - 3 YEARS
Release RFP for master plan services, cultural resources survey and solar farm analysis	SHORT TERM / 1 - 3 YEARS
Conduct an inspection of all drainage culverts for proper drainage and replace if necessary	SHORT TERM / 1 - 3 YEARS
Build swales perpendicular to the sheet flow from Airline Highway to reduce gravel road impact and act as "speed bumps" for stormwater runoff	MEDIUM TERM / 3 - 5 YEARS
Integrate Airline Highway Park into the system-wide blue ways program and connect to Santa Maria	MEDIUM TERM / 3 - 5 YEARS
Decommission the oxidation pond and re-route the sewage	MEDIUM TERM / 3 - 5 YEARS
Implement the improvements created by the master plan	LONG TERM / 5+ YEARS



Photo showing the Comite River

Blackwater Conservation Area

9385 BLACKWATER ROAD, CENTRAL, LA 70814

MEDIUM WATERSHED RISK ZONE

AMENITIES:

- Fishing
- Natural Area / Nature Preserve
- Nature Trails
- Pavilion

SIZE

- 57.48 Acres

KEY TAKEAWAYS

- Central Resilience District
- Comite River Pier
- Flood Storage
- Invasive Species
- Volunteer Programs



BREC: INVASIVE SPECIES VOLUNTEERS

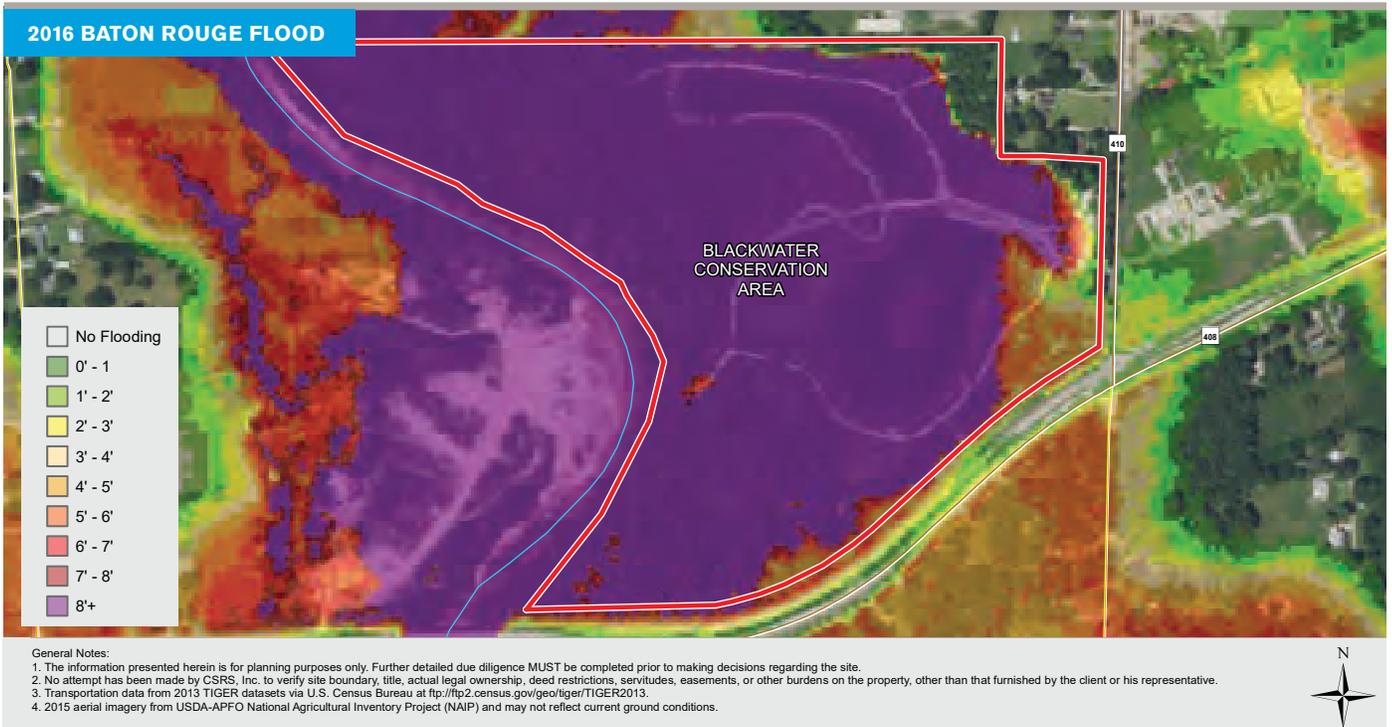
Park Overview

Located within a medium risk watershed, Blackwater Conservation Area experienced damages during the 2016 flood event. The park was developed through the cooperation between the USACE, City of Baton Rouge and BREC. According to the Restrictive Covenant, the intent of the park is to promote recreation and educational activities focusing on appreciation of the environment, protection of unique habitats and reduction of the loss of species diversity.

Resilience Findings

The Blackwater Conservation Area resilience assessment was conducted on November 12, 2018. CSRS identified the following areas for potential resilience considerations:

- **Central Resilience District** - Blackwater Conservation Area serves as the western bookend to the District. The District is an implementation strategy developed by the City of Central in the wake of the catastrophic flooding event of 2016. Complete with action items, tools and case studies BREC is well positioned to serve as a major partner to the Parish.
- **Comite River Access** - BREC provides valuable opportunities to access the river. Youth swimming and blueway program participation brings community value to the park. In addition, a decking system is needed to allow for a safer access to the river.
- **Flood Storage** - The 2016 flood showcased the parks role and brought to light potential improvements to increase the capacity.
- **Invasive Species** - Blackwater Conservation Area is experiencing a negative impact of invasive species. With a strong base of volunteers and a targeted approach, Blackwater should serve as a pilot to a concentrated effort of removal.



PRIORITIES: How to prioritize your action items?

By establishing a set of resilient priorities, BREC can create a clear vision of concentrated efforts and the ability to track resilience investments in the future. A suggested timeframe has been assigned to each priority for discussion purposes only.

Action Items	Timeframe
Coordinate a meeting with BREC and the City of Central to develop a partnership agreement for the Resilience District	SHORT TERM / 1 - 3 YEARS
Develop a stormwater benefit analysis to maximize BREC's park involvement within the Parish-wide watershed master plan - Natural Resource Management Plan	SHORT TERM / 1 - 3 YEARS
Construct a decking system to allow for a safer access to the river	SHORT TERM / 1 - 3 YEARS
Conduct an inspection of all drainage culverts for proper drainage and replace if necessary	SHORT TERM / 1 - 3 YEARS
Perform a real estate evaluation of available properties along the Comite River for additional flood storage potential - Natural Resource Management Plan	MEDIUM TERM / 3 - 5 YEARS
Enter into a professional contract to address the invasive species found throughout the Blackwater Conservation Area - Blackwater Management Plan	MEDIUM TERM / 3 - 5 YEARS
Determine dredge potential of all lakes to increase the capacity of flood storage within the park	LONG TERM / 5+ YEARS
Implement connections to the surrounding communities through a series of pedestrian paths, bike paths and blueway boat launches	LONG TERM / 5+ YEARS



Photo showing Central Sports Park Stormwater Best Practices

Central Sports Park

10501 LOVETT ROAD, CENTRAL, LA 70818

AMENITIES:

- Ball / Multi-Purpose Field (Lighted)
- Lake
- Walking Track / Loop - Outdoor

SIZE

- 50.52 Acres

KEY TAKEAWAYS

- Central Resilience District
- Irrigation Upgrades
- Stormwater Best Practices
- Recycling Program
- Partnership



PHOTO: BREC

MEDIUM WATERSHED RISK ZONE

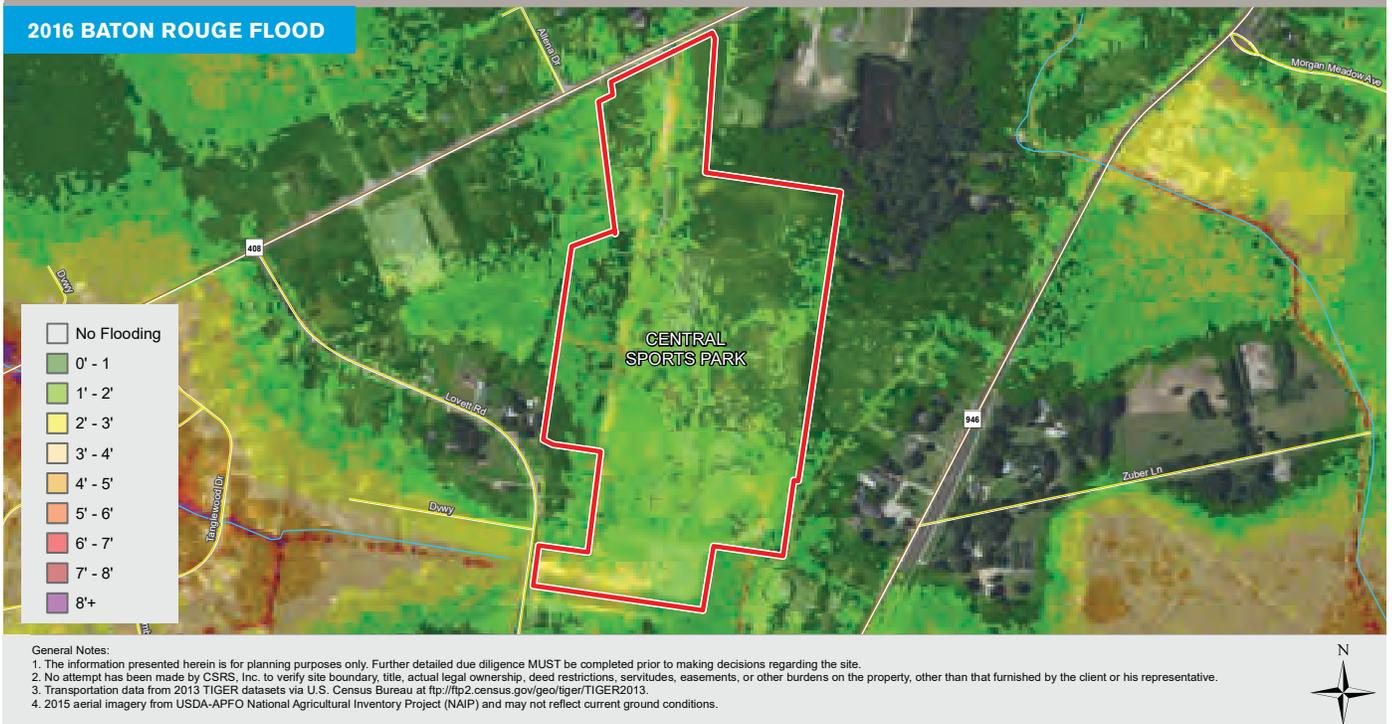
Park Overview

Located within a medium risk watershed, Central Sports Park experienced damages during the 2016 flood event. The park is a new first-class facility containing softball/baseball fields with lights, a concession/restroom building, 1/3 mile concrete walking path, and a large fishing lake.

Resilience Findings

The Central Sports Park resilience assessment was conducted on November 12, 2018. CSRS identified the following areas for potential resilience considerations:

- **Best Practices** - As a model for other parks, BREC can learn from the Central Sports park when it comes to the drainage, irrigation system, stormwater elements and the recycling program.
- **Central Resilience District** - The sports park serves as the eastern bookend to the District. The District is an implementation strategy developed by the City of Central in the wake of the catastrophic flooding event of 2016. Complete with action items, tools and case studies BREC is well positioned to serve as a major partner to the Parish.
- **Irrigation Upgrades**- Work smarter not harder. That's the new approach at the sports park. By upgrading the irrigation system, employees can now manage the irrigation on his or her phone. Knowing when to water and managing the equipment through technology, BREC is sure to see cost savings.
- **Partnership** - BREC worked with an adjacent land owner to create a main entrance from Hooper Road into the park. Through the partnership a lake was built to support in stormwater requirements and serve as an amenity.



PRIORITIES: How to prioritize your action items?

By establishing a set of resilient priorities, BREC can create a clear vision of concentrated efforts and the ability to track resilience investments in the future. A suggested timeframe has been assigned to each priority for discussion purposes only.

Action Items	Timeframe
Evaluate the recycling benefits of the Sports Park and apply procedures to a park without recycling to promote future grant opportunities	SHORT TERM / 1 - 3 YEARS
Evaluate the parks irrigation expenses and identify cost saving opportunities system-wide	SHORT TERM / 1 - 3 YEARS
Coordinate a meeting with BREC and the City of Central to develop a partnership agreement for the Resilience District	SHORT TERM / 1 - 3 YEARS
Install additional pathways for maintenance access and walking trails	MEDIUM TERM / 3 - 5 YEARS
Convert all field lighting to LED for cost saving purposes	MEDIUM TERM / 3 - 5 YEARS
Dredge the lake and creek to increase the capacity of flood storage within the park	LONG TERM / 5+ YEARS
Connect to the surrounding communities through a series of pedestrian and bike paths	LONG TERM / 5+ YEARS



PHOTO: BREC

Photo showing Greenwood large event center

Greenwood Community Park

13350 HWY. 19, BAKER, LA 70714

MEDIUM WATERSHED RISK ZONE

AMENITIES:

- Boat Launch
- Boat Rental
- Disc Golf Course
- Dog Park
- Golf Course (18)
- Lake
- Natural Area/Nature Preserve
- Nature Trails
- Outdoor Fitness Station
- Pavilion
- Playground
- Recreation Center
- Spray Pad
- Tennis Court (Lighted)

SIZE

- 390.00 Acres (Partial)

KEY TAKEAWAYS

- Comite River Connection
- Event Hosting Potential
- Flood Storage Potential
- Newly Constructed Facilities
- Support Safe Room Application
- Wildlife Report - LSU

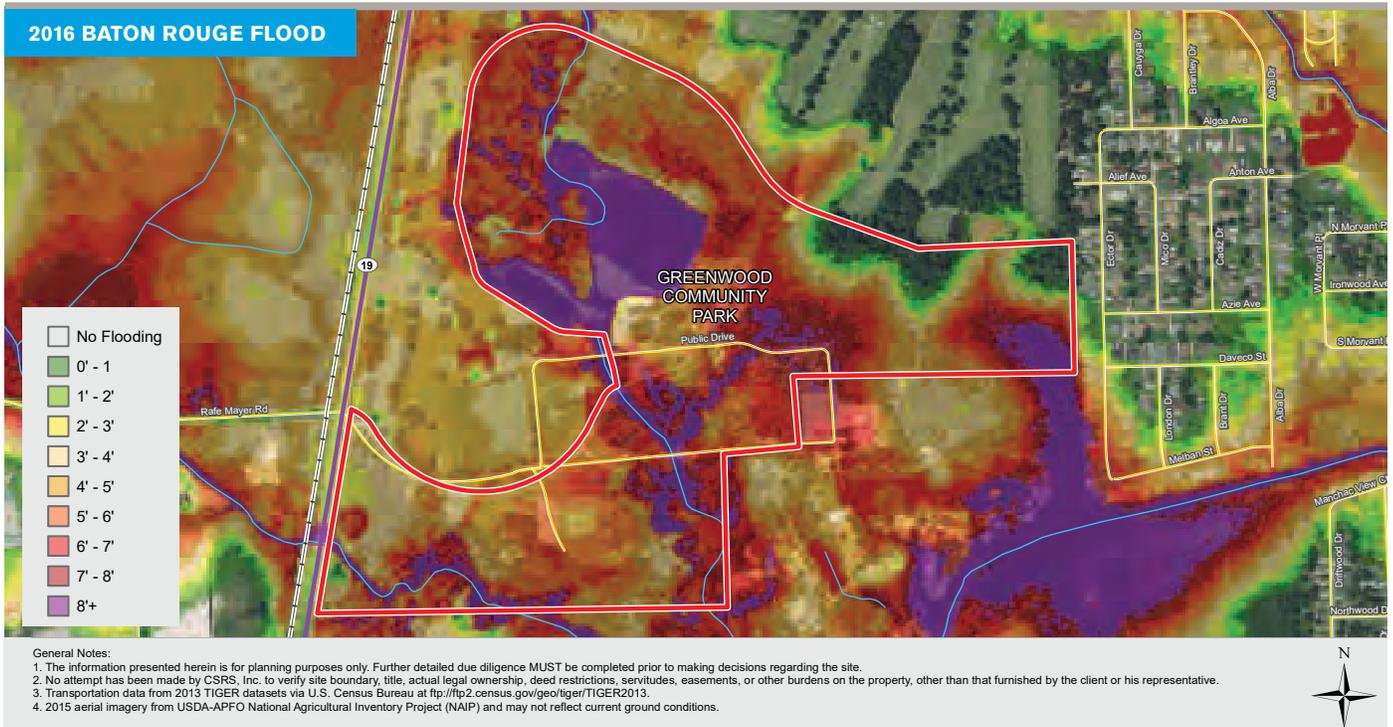
Park Overview

Located within a medium risk watershed, Greenwood Community Park experienced damages during the 2016 flood event. This park is located in the northern part of East Baton Rouge Parish. It is one of BREC's largest parks, located on Highway 19 at New Rafe Meyer Road, near the city of Baker. Greenwood Community Park serves a larger geographic area than a neighborhood park and is designed to engage the entire family for a whole day. Higher levels of maintenance, security, and recreational opportunities are offered at community parks.

Resilience Findings

The Greenwood resilience assessment was conducted on November 12, 2018. CSRS identified the following areas for potential resilience considerations:

- **Comite River Connection**- The Comite River is a major contributor to the flooding of East Baton Rouge Parish. The water system throughout the park should be evaluated to determine flood storage strategies to retain the water and reduce the flooding impacts of the Comite River.
- **Events** - As a revenue driver, the park must evaluate the benefit of a marketing campaign to showcase the parks ability to host large events.
- **Flood Storage** - Proper planning, sizing, and construction are required to implement successful floodwater storage systems. Determine how the dredging and deepening of the creeks and lake could be designed to reduce flood risk to the surrounding roads and neighborhood.
- **Newly Constructed Facilities**- As a model for other parks, an internal evaluation is recommended to better understand the true benefits of new construction for BREC and understand the lessons learned of implementing today's architecture within the park system.



PRIORITIES: How to prioritize your action items?

By establishing a set of resilient priorities, BREC can create a clear vision of concentrated efforts and the ability to track resilience investments in the future. A suggested timeframe has been assigned to each priority for discussion purposes only.

Action Items	Timeframe
Coordinate the master planning efforts of reimagined Greenwood Park and the BREC Baton Rouge Zoo to include resilient measures	SHORT TERM / 1 - 3 YEARS
Continue HMGP coordination for safe house implementation	SHORT TERM / 1 - 3 YEARS
Develop a stormwater benefit analysis to maximum BREC's park involvement within the Parish-wide watershed master plan - Natural Resources Management Plan	SHORT TERM / 1 - 3 YEARS
A marketing campaign to promote the hosting potential of Greenwood Park for indoor and outdoor events	SHORT TERM / 1 - 3 YEARS
A life cycle evaluation of golf carts to determine the appropriate duration of ownership prior to an auction for the highest revenue return	SHORT TERM / 1 - 3 YEARS
Conduct a pilot program to analyze the benefit of using smaller park vehicles for maintenance	MEDIUM TERM / 3 - 5 YEARS
Implement a recycling program by 2020 - Recycling and Zero Waste Plan	MEDIUM TERM / 3 - 5 YEARS
Dredge the lake and creek to increase the capacity of flood storage within the park	LONG TERM / 5+ YEARS
Leverage the back up power elements of the Zoo to stabilize the park facilities during storm events as a pilot program	LONG TERM / 5+ YEARS



Photo showing BREC's first boat launch

Highland Road Community Park

14024 HIGHLAND ROAD, BATON ROUGE, LA 70810

LOW WATERSHED RISK ZONE

AMENITIES:

- Ball/Multi-Purpose Field (Lighted)
- Basketball - Indoor Court
- Boat Launch
- Cross Country
- Disc Golf Course
- Playground
- Recreation Center
- Rugby Field
- Spray Pad
- Tennis Court (Lighted)

SIZE

- 144.04 Acres

KEY TAKEAWAYS

- Acquisition for Conservation
- Blueway and Future Connections
- Drainage Improvements
- Flood Storage Potential
- Public Engagement

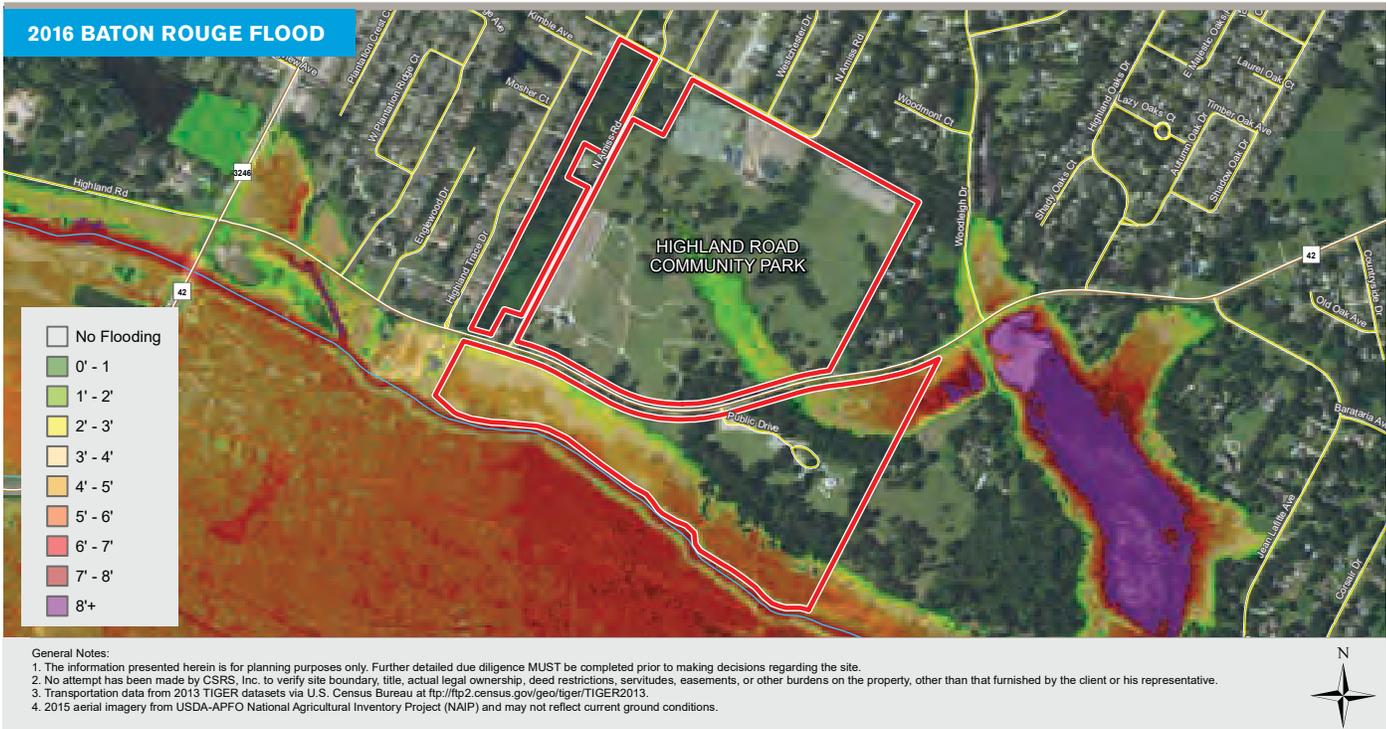
Park Overview

Located within a low risk watershed, Highland Road Community Park experienced damages during the 2016 flood event. This park is located in the southeastern part of East Baton Rouge Parish. Highland Road Park serves a larger geographic area than a neighborhood park and is designed to engage the entire family for a whole day. It is very popular because of all the features the park has to offer and for the scenic landscape.

Resilience Findings

The Highland Road Park resilience assessment was conducted on November 6, 2018. CSRS identified the following areas for potential resilience considerations:

- **Acquisition** - Adjacent to a large tract of land prime for flood storage, BREC is actively participating in conversation with a land owner to acquire for conservation purposes. This effort will stabilize development impacts for the Parish and connect Highland Road Park to a popular Burbank Park.
- **Blueway** - Serves as the first boat launch for the Blueway Program. BREC must conduct an internal assessment to understand the lessons learned for this new amenity and pursue a connection to Airline Highway Park.
- **Drainage Improvements & Flood Storage** - The floods of 2016 highlighted the need to increase the stormwater capacity of a box culvert located at Highland Road near the Observatory. The improvements should correspond with the implementation of the Grand Lagoon proposed in the 2008 master plan.
- **Public** - Highland Road Park serves as a major foundation for public engagement. The park served the community with recreation activities and daycare services during the 2016 flood, however it experienced a large amount of residential debris post flood that must be addressed.



PRIORITIES: How to prioritize your action items?

By establishing a set of resilient priorities, BREC can create a clear vision of concentrated efforts and the ability to track resilience investments in the future. A suggested timeframe has been assigned to each priority for discussion purposes only.

Action Items	Timeframe
Meet with the land owner to discuss potential acquisition or conversation easements in an effort to increase flood storage and connect to Burbank Park - Natural Resource Management Plan	SHORT TERM / 1 - 3 YEARS
Develop a stormwater benefit analysis to maximum BREC's park involvement within the Parish-wide watershed master plan - Natural Resources Management Plan	SHORT TERM / 1 - 3 YEARS
Evaluate the blueway boat launch system for maintenance purposes and develop a implementation strategy to connect Highland Road Park to Airline Highway Park	SHORT TERM / 1 - 3 YEARS
Conduct a light inspection in an attempt to reduce the light pollution for Observatory purposes	SHORT TERM / 1 - 3 YEARS
Coordinate with the jurisdictional authority associated with Highland Road to improve stormwater conditions for the box culvert located near the Observatory	MEDIUM TERM / 3 - 5 YEARS
Integrate storm event procedures to account for surrounding community residential debris dumping within the park	MEDIUM TERM / 3 - 5 YEARS
Evaluate program services used during storm events at Highland Road Park to determine future needs and lessons learned	LONG TERM / 5+ YEARS
Design and implement the 2008 proposed Grand Lagoon feature to increase the flood storage capacity of the park	LONG TERM / 5+ YEARS



Photo showing one of many BREC stocked fishing ponds

Howell Community Park

5509 WINBOURNE AVENUE, BATON ROUGE, LA 70805

HIGH WATERSHED RISK ZONE

AMENITIES:

- Ball/Multi-Purpose Field (Lighted)
- Basketball - Indoor Court
- Fishing
- Playground
- Recreation Center
- Swimming Pool
- Tennis Court (Lighted)
- Walking Track/Loop – Outdoor

SIZE

- 114.36 Acres

KEY TAKEAWAYS

- Fishing Rodeo
- Grow Zones
- Naturalization of Hurricane Creek
- Partnership



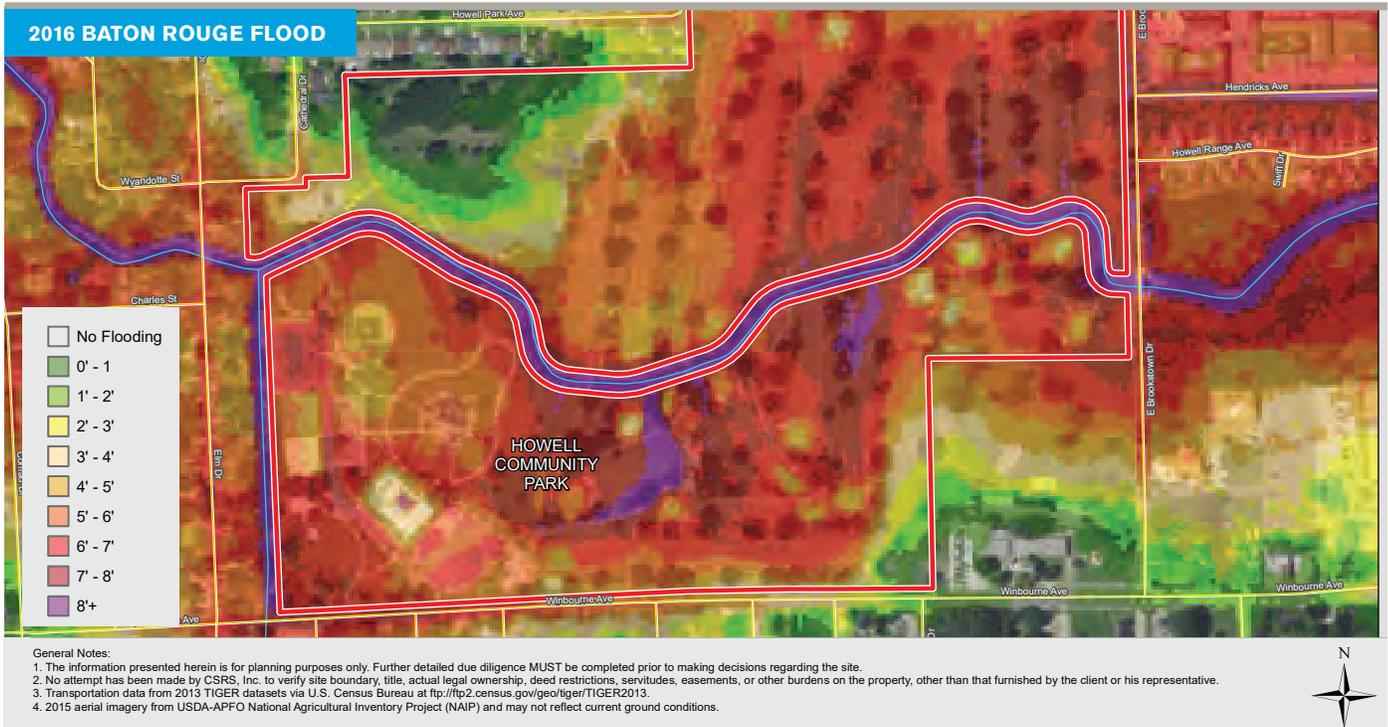
Park Overview

Located within a high risk watershed, Howell Community Park experienced damages during the 2016 flood event. This park is located in the mid-west part of East Baton Rouge Parish. Howell Community Park serves a larger geographic area than a neighborhood park and is designed to engage the entire family for a whole day. Higher levels of maintenance, security, and recreational opportunities are offered at community parks. This is one of BREC's oldest parks. It is one of BREC's busiest parks, due in large part to the number of facilities available.

Resilience Findings

The Howell Community Park resilience assessment was conducted on November 6, 2018. CSRS identified the following areas for potential resilience considerations:

- **Fishing Rodeo** - Over 200 people participated in the 2019 rodeo. With 16 locations throughout Baton Rouge, residents have access to over 295 acres of fishing opportunities. The Rodeos are great opportunities to educate the public on aquatic habitats and the importance of clean water.
- **Grow Zones / No Mow Zones** - The benefits of these areas haven't been realized yet. Howell Park is the pilot for these natural habitats to improve the local ecosystem and has the potential to reduce the biggest expense of the park system...mowing.
- **Naturalization of Hurricane Creek**- A prime location for the Parish of East Baton Rouge to research the benefits of naturalizing our waterways.
- **Partnership** - Weather its the Parish to realize the benefits of naturalizing Hurricane Creek or building a new recreation center with the Boys and Girls Club, an in depth review process must be conducted through to be prepared for the next flood event.



PRIORITIES: How to prioritize your action items?

By establishing a set of resilient priorities, BREC can create a clear vision of concentrated efforts and the ability to track resilience investments in the future. A suggested timeframe has been assigned to each priority for discussion purposes only.

Action Items	Timeframe
Review the plans of the new recreation center for potential flood implementation for slab on grade construction with six feet of fill	SHORT TERM / 1 - 3 YEARS
Host additional fishing rodeos in an effort to promote fishing as a system-wide park amenity	SHORT TERM / 1 - 3 YEARS
Complete the pilot GrowZone project at Howell Park and conduct an marketing campaign to educate the public on benefits and cost savings	SHORT TERM / 1 - 3 YEARS
Evaluate the benefits and cost savings of the GrowZone project at Howell Park and a conduct a conceptual master plan for a system-wide approach	MEDIUM TERM / 3 - 5 YEARS
Develop a stormwater benefit analysis to maximum BREC's park involvement within the Parish-wide watershed master plan	MEDIUM TERM / 3 - 5 YEARS
Meet with the Parish to discuss the benefits of naturalizing Hurricane Creek	MEDIUM TERM / 3 - 5 YEARS
Conduct a RFP process to solicit professional services to naturalize Hurricane Creek	LONG TERM / 5+ YEARS
Naturalize Hurricane Creek	LONG TERM / 5+ YEARS



Photo showing the West facade of Memorial Stadium

Memorial Sports Complex

1702 FOSS STREET, BATON ROUGE, LA 70802

AMENITIES:

- Ball/Multi-Purpose Field (Lighted)
- Stadium

SIZE

- 44.47 Acres

KEY TAKEAWAYS

- Connection / Downtown Greenway
- Master Plan
- Partnership
- Safe Room



MEDIUM WATERSHED RISK ZONE

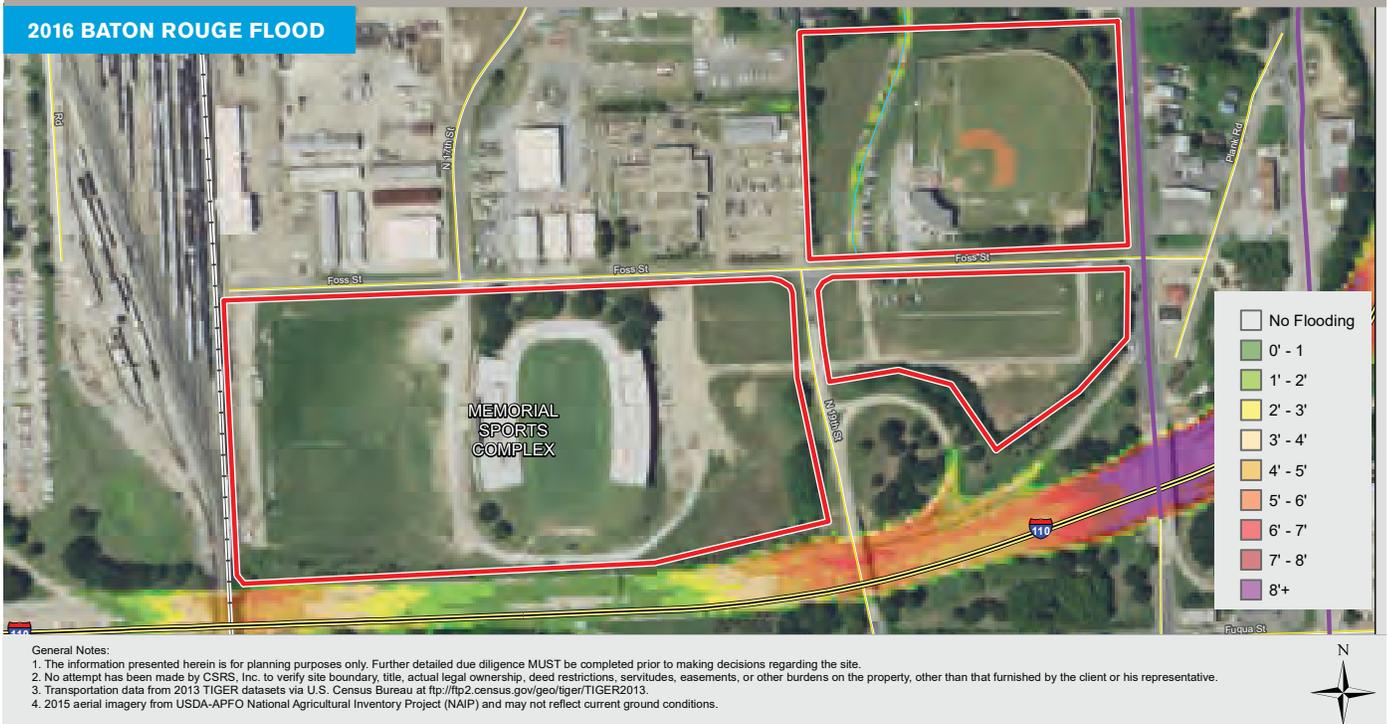
Park Overview

Located within a medium risk watershed, Memorial Sports Complex did not experienced damages during the 2016 flood event. This stadium is adjacent to Interstate 110 in downtown Baton Rouge, near the Governor's Mansion and the Department of Transportation and Development. It seats 21,500 people and is used by local high schools and BREC for football games. On special occasions, it is used for major special events. There are a number of restrooms, a concession area, parking facilities and two lighted ball diamonds.

Resilience Findings

The Memorial Sports Complex resilience assessment was conducted on November 6, 2018. CSRS identified the following areas for potential resilience considerations:

- **Connection** - Location, location, location! Memorial Sports Complex has the potential to be in the center of it all. Serving as the northern bookend of the Greenway and potentially integrated into the rail connection from Baton Rouge to New Orleans, the Complex will continue to bring value to the community.
- **Partnership** - At the appropriate time, BREC should meet with stakeholders to discuss Memorial improvements and leverage unknown opportunities.
- **Safe Room** - Safe places for our families during a time of need is the foundation of resilience. The Memorial Sports Complex location would serve an important population during the next flooding event.



PRIORITIES: How to prioritize your action items?

By establishing a set of resilient priorities, BREC can create a clear vision of concentrated efforts and the ability to track resilience investments in the future. A suggested timeframe has been assigned to each priority for discussion purposes only.

Action Items	Timeframe
Continue HMGP safe house efforts and coordinate implementation measures within the context of the master plan	SHORT TERM / 1 - 3 YEARS
Develop a stormwater benefit analysis to naturalizing the drainage from Northdale and evaluate how the park could support I-110 stormwater impacts	SHORT TERM / 1 - 3 YEARS
Develop a master plan and present final plan to the State of Louisiana, BREC Commissioners and Key Stakeholders	SHORT TERM / 1 - 3 YEARS
Conduct a resilience assessment of the final master plan and cultural survey	SHORT TERM / 1 - 3 YEARS
Develop a list of community stakeholders and schedule meetings to discuss future improvements to the park and potential partnership opportunities	SHORT TERM / 1 - 3 YEARS
Implement the Greenway park improvements in an effort to connect to Downtown Baton Rouge and the Gracie District	MEDIUM TERM / 3 - 5 YEARS
Support the RDA's Northdale CIP by acquiring blighted properties adjacent to the park and providing park programs to support the community	LONG TERM / 5+ YEARS
Develop a regional attraction and destination under a P3 structure	LONG TERM / 5+ YEARS
Partner with DOTD to design and implement improvements along I-110 within the Right of Way	LONG TERM / 5+ YEARS



Photo showing an old cow pond redesigned as stormwater detention

Zachary Community Park

20055 OLD SCENIC HWY, ZACHARY, LA 70791

LOW WATERSHED RISK ZONE

AMENITIES:

- Basketball - Outdoor Court
- Dog Park
- Lake
- Skate Park
- Walking Track/Loop – Outdoor

SIZE

- 43.00 Acres

KEY TAKEAWAYS

- Acquisition
- Bioswales
- Connection
- LED Lights
- Partnership



Park Overview

Located within a low risk watershed, Zachary Community Park did not experienced damages during the 2016 flood event. This park is located in the City of Zachary along Old Scenic Highway. Zachary Community Park serves a larger geographic area than a neighborhood park and is designed to engage the entire family for a whole day. New first-class facility containing a playground, skate-park, basketball courts, sand volleyball, concrete walking path, dog park and a large fishing lake.

Resilience Findings

The Zachary Community Park resilience assessment was conducted on November 7, 2018. CSRS identified the following areas for potential resilience considerations:

- **Connection** - Located in close proximity to the Americana development, BREC should explore the connection potential to one of the newest mixed use developments within Zachary. Connecting to Americana will allow easier access to a growing population of park users and increase the park's community value.
- **LED Lights** - The playground is currently equipped with LED lights. A cost comparison is recommended to fully understand the potential savings system-wide if a retrofit was to be implemented.
- **Partnership for New Uses** - BREC partnered with the Zachary Parkside apartment complex located to the east by agreeing to receive the stormwater requirements for the development. In return, the apartment paid for the creation of the pond which serves as a main feature. In addition, a camping company is exploring opportunities to leverage the park within it's development. Another example of new ways BREC parks are able to provide tremendous value the parish, residents and private sector.



PRIORITIES: How to prioritize your action items?

By establishing a set of resilient priorities, BREC can create a clear vision of concentrated efforts and the ability to track resilience investments in the future. A suggested timeframe has been assigned to each priority for discussion purposes only.

Action Items	Timeframe
Develop a program for the underutilized "Great Lawn"	SHORT TERM / 1 - 3 YEARS
Conduct an inspection of all drainage culverts and bioswales for proper drainage and replace / maintenance if necessary	SHORT TERM / 1 - 3 YEARS
Evaluate the connection potential between Zachary Park and Americana for increase usage. Meet with Americana to determine next steps	SHORT TERM / 1 - 3 YEARS
Conduct an evaluation of the LED lit playground vs tradition lighting for cost benefits and maintenance requirements	SHORT TERM / 1 - 3 YEARS
Evaluate the utilization of the sand volleyball court and determine future needs	SHORT TERM / 1 - 3 YEARS
Implement a recycling program by 2020 - Recycling and Zero Waste Plan	MEDIUM TERM / 3 - 5 YEARS
Plant shade trees around the banks of the fishing pond and continue to stock the pond in an effort to increase the fishing usage	MEDIUM TERM / 3 - 5 YEARS
Meet with the camping company to explore BREC's role of supporting private sector development that complements the BREC mission	MEDIUM TERM / 3 - 5 YEARS





CONCLUSION

NEXT STEPS



NEXT STEPS?

BREC can be at the forefront of a new proactive approach, building resilience for the Baton Rouge metro area, its residents, and the generations to come. BREC parks already provide resilience benefits. Some naturally serve as flood storage due to their topography or as wildlife habitat due to their natural areas. However, with intentional design, investment, and maintenance, BREC can greatly expand the range and depth of these benefits, reducing risk for the entire Parish while improving its own operations. This document begins the conversation of how to unlock these benefits both at specific parks and across the entire BREC system.

With an emphasis on implementation, the Resilience Strategy highlighted the existing resilience efforts and create a path forward to build on the success of BREC's Parish wide long-term vision. The action items vary by effort, size and dollar amount to accommodate BREC current workload and resources. Most action items will require specialized techniques, therefore BREC will need to implement a management and maintenance program to track and measure the resilience progress. By measuring these efforts, BREC will solidify its vital role during the next flood event and be better prepared to provide assistance to the residences of East Baton Rouge Parish.







Airline Highway Park	Timeframe
Continue HMGP coordination for safe house implementation	SHORT TERM / 1 - 3 YEARS
Develop a stormwater benefit analysis to maximize BREC's park involvement within the Parish-wide watershed master plan - Natural Resources Management Plan	SHORT TERM / 1 - 3 YEARS
Release RFP for master plan services, cultural resources survey and solar farm analysis	SHORT TERM / 1 - 3 YEARS
Conduct an inspection of all drainage culverts for proper drainage and replace if necessary	SHORT TERM / 1 - 3 YEARS
Build swales perpendicular to the sheet flow from Airline Highway to reduce gravel road impact and act as "speed bumps" for stormwater runoff	MEDIUM TERM / 3 - 5 YEARS
Integrate Airline Highway Park into the system-wide blue ways program and connect to Santa Maria	MEDIUM TERM / 3 - 5 YEARS
Decommission the oxidation pond and re-route the sewage	MEDIUM TERM / 3 - 5 YEARS
Implement the improvements created by the master plan	LONG TERM / 5+ YEARS

Blackwater Conservation Area	Timeframe
Coordinate a meeting with BREC and the City of Central to develop a partnership agreement for the Resilience District	SHORT TERM / 1 - 3 YEARS
Develop a stormwater benefit analysis to maximize BREC's park involvement within the Parish-wide watershed master plan - Natural Resource Management Plan	SHORT TERM / 1 - 3 YEARS
Construct a decking system to allow for a safer access to the river	SHORT TERM / 1 - 3 YEARS
Conduct an inspection of all drainage culverts for proper drainage and replace if necessary	SHORT TERM / 1 - 3 YEARS
Perform a real estate evaluation of available properties along the Comite River for additional flood storage potential - Natural Resource Management Plan	MEDIUM TERM / 3 - 5 YEARS
Conduct a professional level approach to address the invasive species found throughout the Blackwater Conservation Area - Blackwater Management Plan	MEDIUM TERM / 3 - 5 YEARS
Determine dredge potential of all lakes to increase the capacity of flood storage within the park	LONG TERM / 5+ YEARS
Implement connections to the surrounding communities through a series of pedestrian paths, bike paths and blueway boat launches	LONG TERM / 5+ YEARS

Central Sports Park	Timeframe
Evaluate the recycling benefits of the Sports Park and present findings to Keep America Beautiful and Dr. Pepper/Snapple to promote future grant opportunities	SHORT TERM / 1 - 3 YEARS
Evaluate the parks irrigation expenses and identify cost saving opportunities system-wide	SHORT TERM / 1 - 3 YEARS
Coordinate a meeting with BREC and the City of Central to develop a partnership agreement for the Resilience District	SHORT TERM / 1 - 3 YEARS
Install additional pathways for maintenance access and walking trails	MEDIUM TERM / 3 - 5 YEARS
Convert all field lighting to LED for cost saving purposes	MEDIUM TERM / 3 - 5 YEARS
Dredge the lake and creek to increase the capacity of flood storage within the park	LONG TERM / 5+ YEARS
Connect to the surrounding communities through a series of pedestrian and bike paths	LONG TERM / 5+ YEARS

Greenwood Community Park	Timeframe
Coordinate the master planning efforts of reimagined Greenwood Park and the BREC Baton Rouge Zoo to include resilient measures	SHORT TERM / 1 - 3 YEARS
Continue HMGP coordination for safe house implementation	SHORT TERM / 1 - 3 YEARS
Develop a stormwater benefit analysis to maximum BREC's park involvement within the Parish-wide watershed master plan - Natural Resources Management Plan	SHORT TERM / 1 - 3 YEARS
A marketing campaign to promote the hosting potential of Greenwood Park for indoor and outdoor events	SHORT TERM / 1 - 3 YEARS
A life cycle evaluation of golf carts to determine the appropriate duration of ownership prior to an auction for the highest revenue return	SHORT TERM / 1 - 3 YEARS
Conduct a pilot program to analyze the benefit of using smaller park vehicles for maintenance	MEDIUM TERM / 3 - 5 YEARS
Implement a recycling program by 2020 - Recycling and Zero Waste Plan	MEDIUM TERM / 3 - 5 YEARS
Dredge the lake and creek to increase the capacity of flood storage within the park	LONG TERM / 5+ YEARS
Leverage the back up power elements of the zoo to stabilize the park facilities during storm events as a pilot program	LONG TERM / 5+ YEARS

Highland Road Community Park	Timeframe
Meet with the land owner to discuss potential acquisition or conversation easements in an effort to increase flood storage and connect to Burbank Park - Natural Resources Management Plan	SHORT TERM / 1 - 3 YEARS
Develop a stormwater benefit analysis to maximum BREC's park involvement within the Parish-wide watershed master plan - Natural Resources Management Plan	SHORT TERM / 1 - 3 YEARS
Evaluate the blueway boat launch system for maintenance purposes and develop a implementation strategy to connect Highland Road Park to Airline Highway Park	SHORT TERM / 1 - 3 YEARS
Conduct a light inspection in an attempt to reduce the light pollution for Observatory purposes	SHORT TERM / 1 - 3 YEARS
Coordinate with the jurisdictional authority associated with Highland Road to improve stormwater conditions for the box culvert located near the Observatory	MEDIUM TERM / 3 - 5 YEARS
Integrate storm event procedures to account for surrounding community residential debris removal dumping within the park	MEDIUM TERM / 3 - 5 YEARS
Evaluate program services used during storm events at Highland Road Park to determine future needs and lessons learned	LONG TERM / 5+ YEARS
Design and implement the 2008 proposed Grand Lagoon feature to increase the flood storage capacity of the park	LONG TERM / 5+ YEARS

Howell Community Park	Timeframe
Review the plans of the new recreation center for potential flood implementation for slab on grade construction with six feet of fill	SHORT TERM / 1 - 3 YEARS
Host additional fishing rodeos in an effort to promote fishing as a system-wide park amenity	SHORT TERM / 1 - 3 YEARS
Complete the pilot GrowZone project at Howell Park and conduct an marketing campaign to educate the public on benefits and cost savings	SHORT TERM / 1 - 3 YEARS
Evaluate the benefits and cost savings of the GrowZone project at Howell Park and a conduct a conceptual master plan for a system-wide approach	MEDIUM TERM / 3 - 5 YEARS
Develop a stormwater benefit analysis to maximum BREC's park involvement within the Parish-wide watershed master plan	MEDIUM TERM / 3 - 5 YEARS
Meet with the Parish to discuss the benefits of naturalizing Hurricane Creek	MEDIUM TERM / 3 - 5 YEARS
Conduct a RFP process to solicit professional services to naturalize Hurricane Creek	LONG TERM / 5+ YEARS
Naturalize Hurricane Creek	LONG TERM / 5+ YEARS

Memorial Sports Complex	Timeframe
Continue HMGP safe house efforts and coordinate implementation measures within the context of the master plan	SHORT TERM / 1 - 3 YEARS
Develop a stormwater benefit analysis to naturalizing the drainage from Northdale and evaluate how the park could support I-110 stormwater impacts	SHORT TERM / 1 - 3 YEARS
Develop a master plan and present final plan to the State of Louisiana, BREC Commissioners and Key Stakeholders	SHORT TERM / 1 - 3 YEARS
Conduct a resilience assessment of the final master plan and cultural survey	SHORT TERM / 1 - 3 YEARS
Develop a list of community stakeholders and schedule meetings to discuss future improvements to the park and potential partnership opportunities	SHORT TERM / 1 - 3 YEARS
Implement the Greenway park improvements in an effort to connect to Downtown Baton Rouge and the Gracie District	MEDIUM TERM / 3 - 5 YEARS
Support the RDA's Northdale CIP by acquiring blighted properties adjacent to the park and providing park programs to support the community	LONG TERM / 5+ YEARS
Develop a regional attraction and destination under a P3 structure	LONG TERM / 5+ YEARS
Partner with DOTD to design and implement improvements along I-110 within the Right of Way	LONG TERM / 5+ YEARS

Zachary Community Park Action Items	Timeframe
Develop a program for the underutilized "Great Lawn"	SHORT TERM / 1 - 3 YEARS
Conduct an inspection of all drainage culverts and bioswales for proper drainage and replace / maintenance if necessary	SHORT TERM / 1 - 3 YEARS
Evaluate the connection potential between Zachary Park and Americana for increase usage. Meet with Americana to determine next steps	SHORT TERM / 1 - 3 YEARS
Conduct an evaluation of the LED lit playground vs tradition lighting for cost benefits and maintenance requirements	SHORT TERM / 1 - 3 YEARS
Evaluate the utilization of the sand volleyball court and determine future needs	SHORT TERM / 1 - 3 YEARS
Implement a recycling program by 2020 - Recycling and Zero Waste Plan	MEDIUM TERM / 3 - 5 YEARS
Plant shade trees around the banks of the fishing pond and continue to stock the pond in an effort to increase the fishing usage	MEDIUM TERM / 3 - 5 YEARS
Meet with the camping company to explore BREC's role of supporting private sector development that complements the BREC mission	MEDIUM TERM / 3 - 5 YEARS

Park	Type	Address	CITY	ZIP	Risk
Acadian Thruway Park	Neighborhood	2751 N ACADIAN THWY W	BATON ROUGE	70805	High
Alaska Street Park	Neighborhood	3014 ALASKA ST	BATON ROUGE	70802	High
Anna T. Jordan Community Park	Community	1750 STILT ST	BATON ROUGE	70807	High
Antioch Boulevard Park	Neighborhood	6229 ANTIOCH BLVD	BATON ROUGE	70817	High
Baringer Road Park	Neighborhood	7401 BARINGER RD	BATON ROUGE	70817	High
Belfair Park	Neighborhood	4390 FAIRFIELDS AVE	BATON ROUGE	70802	High
Bird Station Park	Neighborhood	2623 MICHELLI DR	BATON ROUGE	70805	High
Blueberry Street Park	Neighborhood	1870 N ARDENWOOD DR	BATON ROUGE	70806	High
Boulevard de Province Park	Neighborhood	1717 BOULEVARD DE PROVINCE	BATON ROUGE	70816	High
Brookfield Avenue Park	Neighborhood	17650 BROOKFIELD AVE	BATON ROUGE	70817	High
Buchanan Park	Neighborhood	2300 MISSOURI ST	BATON ROUGE	70802	High
Cadillac Street Park	Neighborhood	6117 CADILLAC ST	BATON ROUGE	70811	High
Camelot Park	Neighborhood	3166 LANCELOT DR	BATON ROUGE	70816	High
Cedar Ridge Avenue Park	Neighborhood	13300 CEDAR RIDGE AVE	BATON ROUGE	70817	High
City-Brooks Community Park	Community	1515 DALRYMPLE DR	BATON ROUGE	70808	High
College Town Park	Neighborhood	251 AMHERST AVE	BATON ROUGE	70808	High
Congress Park	Neighborhood	5100 CONGRESS BLVD	BATON ROUGE	70808	High
Convention Street Park	Neighborhood	717 CONVENTION ST	BATON ROUGE	70801	High
Corporate Parkway	Neighborhood	333 E GRANT ST	BATON ROUGE	70802	High
Cortana Place Park	Neighborhood	9300 CORTANA PL	BATON ROUGE	70815	High
Dover Street Park	Neighborhood	7300 DOVER ST	BATON ROUGE	70812	High
Droze Road Park	Neighborhood	7700 DROZE RD	GREENWELL SPRINGS	70739	High
Drusilla Lane Park	Neighborhood	2546 DRUSILLA LN	BATON ROUGE	70809	High
Duchess Drive Park	Neighborhood	1701 DUCHESS DR	BATON ROUGE	70815	High
East Brookstown Park	Neighborhood	4300 E BROOKSTOWN DR	BATON ROUGE	70805	High
East Polk Street Park	Neighborhood	1700 E POLK ST	BATON ROUGE	70802	High
Edward Avenue Park	Neighborhood	3000 EDWARD AVE	BATON ROUGE	70808	High
Erich and Lea Sternberg Park	Neighborhood	8715 ROUND OAK DR	BATON ROUGE	70817	High
Evangeline Street Park	Neighborhood	4201 EVANGELINE ST	BATON ROUGE	70805	High
Expressway Park	Neighborhood	935 S 11TH ST	BATON ROUGE	70802	High
Fairfax Park	Neighborhood	5300 S AFTON PKWY	BATON ROUGE	70806	High
Fiesta Park	Neighborhood	1000 FIESTA CT	BATON ROUGE	70815	High
Flannery Road Park	Neighborhood	801 S FLANNERY RD	BATON ROUGE	70815	High
Forest Community Park	Community	13900 S HARRELL'S FERRY RD	BATON ROUGE	70816	High
Fortune Addition Park	Neighborhood	5900 PEERLESS ST	BATON ROUGE	70811	High
Forty-Eighth Street Park	Neighborhood	628 N 48TH ST	BATON ROUGE	70806	High
Gentilly Court Park	Neighborhood	13750 GENTILLY CT	BATON ROUGE	70810	High
Goodwood Park	Neighborhood	6025 SEVENOAKS AVE	BATON ROUGE	70806	High
Greenwell Springs Park	Neighborhood	7550 SHADY PARK DR	GREENWELL SPRINGS	70739	High

Park	Type	Address	CITY	ZIP	Risk
Gus Young Park	Neighborhood	4201 GUS YOUNG AVE	BATON ROUGE	70802	High
Hamilton Avenue Park	Neighborhood	16200 HAMILTON AVE	BATON ROUGE	70819	High
Hartley/Vey Sports Park	Special Facility	2615 OAK VILLA BLVD	BATON ROUGE	70814	High
Hooper Road Park	Neighborhood	6261 GUYNELL DR	BATON ROUGE	70811	High
Howell Community Park	Community	5509 WINBOURNE AVE	BATON ROUGE	70805	High
Independence Community Park	Community	7505 INDEPENDENCE BLVD	BATON ROUGE	70806	High
Industriplex Park	Neighborhood	10777 INDUSTRIPLEX BLVD	BATON ROUGE	70809	High
Jackson Community Park	Community	12250 SULLIVAN RD	CENTRAL	70818	High
James Watson Park	Neighborhood	10555 N PARK AVE	BATON ROUGE	70811	High
Jefferson Highway Park	Neighborhood	8133 JEFFERSON HWY	BATON ROUGE	70809	High
Jefferson Terrace Park	Neighborhood	10282 CAL RD	BATON ROUGE	70809	High
Jones Creek Park	Neighborhood	12300 OLD HAMMOND HWY	BATON ROUGE	70816	High
Kathy Drive Park	Neighborhood	1801 KATHY DR	BATON ROUGE	70816	High
Kernan Avenue Park	Neighborhood	333 KERNAN AVE	BATON ROUGE	70802	High
Kolby Park	Neighborhood	10620 CENTRAL PINE DR	CENTRAL	70818	High
Lafitte Street Park	Neighborhood	400 LAFITTE DR	BATON ROUGE	70819	High
Lanier Drive Park	Neighborhood	3901 LANIER DR	BATON ROUGE	70812	High
Leeward Drive Park	Neighborhood	5800 MENLO DR	BATON ROUGE	70808	High
Louisiana Park	Neighborhood	6998 ANTIOCH RD	BATON ROUGE	70817	High
Magnolia Cemetery	Neighborhood	422 N 19TH ST	BATON ROUGE	70802	High
Magnolia Mound Plantation	Neighborhood	2161 NICHOLSON DR	BATON ROUGE	70802	High
Maplewood Park	Neighborhood	7950 MAPLEWOOD DR	BATON ROUGE	70812	High
Mary Ruth Park	Neighborhood	8808 MARY RUTH AVE	BATON ROUGE	70810	High
Meadow Park	Neighborhood	6951 MEADOW PARK AVE	BATON ROUGE	70810	High
Milford Wampold Memorial Park	Neighborhood	901 STANFORD AVE	BATON ROUGE	70808	High
Milton J. Womack Park	Special Facility	6201 FLORIDA BLVD	BATON ROUGE	70806	High
Nairn Park	Neighborhood	2800 NAIRN DR	BATON ROUGE	70808	High
North Boulevard Park	Neighborhood	1640 NORTH BLVD	BATON ROUGE	70802	High
North Sherwood Forest Community Park	Community	3140 N SHERWOOD FOREST DR	BATON ROUGE	70814	High
North Street Park	Neighborhood	4100 NORTH ST	BATON ROUGE	70806	High
Old Hammond Highway Park	Neighborhood	8900 OLD HAMMOND HWY	BATON ROUGE	70806	High
Parklawn Park	Neighborhood	12228 PARKLAWN AVE	BATON ROUGE	70816	High
Parkview Park	Neighborhood	9000 N PARKVIEW DR	BATON ROUGE	70815	High
Perkins Road Community Park	Community	7122 PERKINS RD	BATON ROUGE	70808	High
Pinehurst Park	Neighborhood	13888 PINEHURST AVE	BATON ROUGE	70817	High
Railey Roshto Park	Neighborhood	11207 NORWAY PINE DR	GREENWELL SPRINGS	70739	High
Red Oaks Park	Neighborhood	2100 GREEN OAK DR	BATON ROUGE	70815	High
Rio Drive Park	Neighborhood	6900 RIO DR	BATON ROUGE	70812	High

Park	Type	Address	CITY	ZIP	Risk
Saia Park	Neighborhood	855 N DONMOOR AVE	BATON ROUGE	70806	High
Samuel D'Agostino Park	Neighborhood	10300 EL SCOTT AVE	BATON ROUGE	70811	High
Santa Maria Park	Neighborhood	18460 SANTA MARIA PKWY	BATON ROUGE	70809	High
Seventh Street Park	Neighborhood	639 N 7TH ST	BATON ROUGE	70802	High
Sharp Road Park	Neighborhood	501 SHARP RD	BATON ROUGE	70815	High
South Harrell's Ferry Road Park	Conservation	15750 S HARRELL'S FERRY RD	BATON ROUGE	70816	High
Spain Street Park	Neighborhood	2101 SPAIN ST	BATON ROUGE	70806	High
Sugarland Park	Neighborhood	4700 SUGAR LAND DR	BATON ROUGE	70814	High
Tams Drive Park	Neighborhood	11600 TAMS DR	BATON ROUGE	70815	High
Terrace Street Park	Neighborhood	701 TERRACE ST	BATON ROUGE	70802	High
Thomas Maher Park	Neighborhood	8200 OAK VIEW DR	BATON ROUGE	70814	High
Webb Memorial Park and Golf Course	Golf Course	1351 COUNTRY CLUB DR	BATON ROUGE	70806	High
West Brookstown Park	Neighborhood	4500 E BROOKSTOWN DR	BATON ROUGE	70805	High
Woodlawn Acres Park	Neighborhood	16600 WOODLAWN ACRES AVE	BATON ROUGE	70817	High
Woodlawn Walking Trail	Neighborhood	14939 TIGER BEND RD	BATON ROUGE	70817	High
Wray Park	Neighborhood	9801 RIDGEWOOD DR	BATON ROUGE	70814	High
Airline Highway Park	Neighborhood	16072 AIRLINE HWY	BATON ROUGE	70817	Medium
Alexander Street Park	Neighborhood	6000 ALEXANDER AVE	BATON ROUGE	70805	Medium
Alsen Park	Neighborhood	601 OLD RAFE MAYER RD	BATON ROUGE	70807	Medium
Baker Park	Neighborhood	4331 JEFFERSON ST	BAKER	70714	Medium
Baker Playground	Neighborhood	3439 GROOM RD	BAKER	70714	Medium
Baker Recreation Center	Neighborhood	1420 ALABAMA AVE	BAKER	70714	Medium
Baton Rouge Zoo	Special Facility	3601 THOMAS RD	BATON ROUGE	70807	Medium
Blackwater Conservation Area	Conservation	9385 BLACKWATER RD	BAKER	70714	Medium
Brown Heights Park	Neighborhood	15206 PLANK RD	BAKER	70714	Medium
Cedarcrest Park	Neighborhood	2490 SILVEREST AVE	BATON ROUGE	70816	Medium
Central Sports Park	Special Facility	10501 LOVETT RD	CENTRAL	70818	Medium
Chamberlain Street Park	Neighborhood	16900 CHAMBERLAIN AVE	BAKER	70714	Medium
Church Street Park	Neighborhood	3210 CHURCH ST	ZACHARY	70791	Medium
Clifford T. Seymour, Sr. Park	Neighborhood	12000 SCOTLAND-ZACHARY HWY	BATON ROUGE	70807	Medium
Cohn Arboretum	Special Facility	12206 FOSTER RD	BATON ROUGE	70811	Medium
Cohn Nature Preserve	Conservation	11332 FOSTER RD	BATON ROUGE	70811	Medium
Comite River Park	Conservation	8900 HOOPER RD	BATON ROUGE	70811	Medium
Cunard Avenue Park	Neighborhood	2290 CUNARD AVE	BATON ROUGE	70807	Medium
Dayton Street Park	Neighborhood	2404 DAYTON ST	BATON ROUGE	70805	Medium
Dumas Memorial Golf Course	Golf Course	3400 LAVEY LN	BAKER	70714	Medium
Gayosa Street Park	Neighborhood	2129 GAYOSA ST	BATON ROUGE	70802	Medium

Park	Type	Address	CITY	ZIP	Risk
Greenwood Community Park	Community	13350 SCOTLAND-ZACHARY HWY	BAKER	70714	Medium
Harding Street Park	Neighborhood	4037 HARDING ST	BAKER	70714	Medium
Hunters Point Drive Park	Neighborhood	4366 HUNTERS POINT DR	ZACHARY	70791	Medium
J.S. Clark Park and Golf Course	Golf Course	2301 THOMAS RD	BATON ROUGE	70807	Medium
Jacob Kornmeyer Park	Conservation	15500-15600 UND HOOPER RD	GREENWELL SPRINGS	70739	Medium
Jefferson Street Park	Neighborhood	3503 JEFFERSON ST	BAKER	70714	Medium
Kerr Warren Park	Neighborhood	4100 GERONIMO ST	BATON ROUGE	70805	Medium
Kinchloe Lloyd Baker Park	Conservation	20821 GREENWELL SPRINGS RD	GREENWELL SPRINGS	70739	Medium
Le Brent Avenue Park	Neighborhood	6401 LEBRENT AVE	BAKER	70714	Medium
Leo and Murlin Willie Park	Neighborhood	4101 STUMBERG LN	BATON ROUGE	70817	Medium
Little Farms Park	Neighborhood	3754 LITTLE FARMS DR	ZACHARY	70791	Medium
Longfellow Park	Neighborhood	5201 LONGFELLOW DR	BATON ROUGE	70805	Medium
Longridge Park	Neighborhood	12127 LONGRIDGE AVE	BATON ROUGE	70816	Medium
Lovett Road Park	Neighborhood	13443 LOVETT RD	CENTRAL	70818	Medium
Madison Avenue Park	Neighborhood	1820 MADISON AVE	BATON ROUGE	70802	Medium
Manchac Park	Neighborhood	19010 JEFFERSON HWY	BATON ROUGE	70817	Medium
Mary J. Lands Park	Neighborhood	802 N 30TH ST	BATON ROUGE	70802	Medium
Memorial Sports Complex	Special Facility	1702 FOSS ST	BATON ROUGE	70802	Medium
Monte Sano Park	Neighborhood	2727 GREENWELL ST	BATON ROUGE	70805	Medium
Myrtle Street Park	Neighborhood	5408 MYRTLE ST	BAKER	70714	Medium
North 14th Street Park	Neighborhood	100 N 14TH ST	BATON ROUGE	70802	Medium
North 18th Street Park	Neighborhood	1801 GAYOSA ST	BATON ROUGE	70802	Medium
Palomino Drive Park	Neighborhood	14100 PALOMINO DR	GREENWELL SPRINGS	70739	Medium
Pawnee Street Park	Neighborhood	2100 SCENIC HWY	BATON ROUGE	70802	Medium
Plank Road Park	Neighborhood	19550 PLANK RD	ZACHARY	70791	Medium
Pride Park	Neighborhood	16440 PORT HUDSON-PRIDE RD	PRIDE	70770	Medium
Rita Street Park	Neighborhood	2315 RITA ST	ZACHARY	70791	Medium
Rollins Road Park	Neighborhood	5794 ROLLINS RD	ZACHARY	70791	Medium
Santa Maria Golf Course	Golf Course	18460 SANTA MARIA PKWY	BATON ROUGE	70809	Medium
South Magnolia Park	Neighborhood	2409 S MAGNOLIA DR	BAKER	70714	Medium
Spanish Town Park	Neighborhood	1300 SPANISH TOWN RD	BATON ROUGE	70802	Medium
Sports Academy	Special Facility	1002 LAUREL ST	BATON ROUGE	70802	Medium
T. D. Bickham, Jr. Park	Conservation	6850 PETTIT RD	BAKER	70714	Medium
Thirty-Ninth Street Park	Neighborhood	3451 39TH ST	ZACHARY	70791	Medium
Tristian Avenue Park	Neighborhood	5209 TRISTIAN AVE	BAKER	70714	Medium
Tuscarora Street Park	Neighborhood	4200 TUSCARORA ST	BATON ROUGE	70805	Medium
Warren O. Watson Park	Neighborhood	2700 TROTTER DR	BAKER	70714	Medium
Wenonah Street Park	Neighborhood	3300 WENONAH ST	BATON ROUGE	70805	Medium
Zachary Community Park	Community	20055 OLD SCENIC HWY	ZACHARY	70791	Medium

PARISH-WIDE WATERSHED RISK TYPOLOGIES PER PARK

RESILIENCE STRATEGY

Park	Type	Address	CITY	ZIP	Risk
Avenue F Park	Neighborhood	4790 AVENUE F	ZACHARY	70791	Low
Baywood Park	Neighborhood	20001 PRIDE-BAYWOOD RD	GREENWELL SPRINGS	70739	Low
Beaver Creek Park and Golf Course	Golf Course	22600 BEAVER CREEK BLVD	ZACHARY	70791	Low
Ben Burge Park	Neighborhood	9350 ANTIGUA DR	BATON ROUGE	70810	Low
Bluebonnet Swamp Nature Center	Conservation	10503 N OAK HILLS PKWY	BATON ROUGE	70810	Low
Burbank Conservation Area	Conservation	8858 BURBANK DR	BATON ROUGE	70820	Low
Burbank Soccer Complex	Special Facility	12400 BURBANK DR	BATON ROUGE	70810	Low
Doyle's Bayou Park	Neighborhood	7801 PORT HUDSON-PRIDE RD	SLAUGHTER	70777	Low
Farr Park Equestrian Center	Special Facility	6400 RIVER RD	BATON ROUGE	70820	Low
Flonacher Road Park	Neighborhood	864 FLONACHER RD	ZACHARY	70791	Low
Frenchtown Road Conservation Area	Conservation	17819 FRENCHTOWN RD	BATON ROUGE	70819	Low
Hartley/Vey Park at Gardere	Neighborhood	1702 GARDERE LN	BATON ROUGE	70820	Low
Highland Road Community Park	Community	14024 HIGHLAND RD	BATON ROUGE	70810	Low
Kendalwood Road Park	Conservation	24700 KENDALWOOD RD	BATON ROUGE	70817	Low
Ligon Road Park	Neighborhood	21600 LIGON RD	ZACHARY	70791	Low
Mayfair Park	Neighborhood	650 S SABINE DR	BATON ROUGE	70810	Low
Mills Avenue Park	Neighborhood	424 WOODPECKER ST	BATON ROUGE	70807	Low
Quarterhorse Drive Park	Neighborhood	23400-23500 UND QUARTER HORSE DR	ZACHARY	70791	Low
Reames Road Park	Neighborhood	23223 REAMES RD	ZACHARY	70791	Low
Riverbend Park	Neighborhood	5800 RIVERBEND LAKES DR	BATON ROUGE	70820	Low
Roosevelt Street Park	Neighborhood	1011 W ROOSEVELT ST	BATON ROUGE	70802	Low
Rue Lebouef Park	Neighborhood	11550 RUE LEBOUF	BATON ROUGE	70810	Low
Sandy Creek Community Park	Community	21572 CARSON RD	GREENWELL SPRINGS	70739	Low
Scotlandville Parkway	Neighborhood	3200 HARDING BLVD	BATON ROUGE	70807	Low
Starwood Court Park	Neighborhood	7900 STARWOOD CT	BATON ROUGE	70820	Low
Woodstock Park	Neighborhood	14001 NICHOLSON DR	BATON ROUGE	70810	Low
Yatasi Drive Park	Neighborhood	16941 YATASI DR	GREENWELL SPRINGS	70739	Low