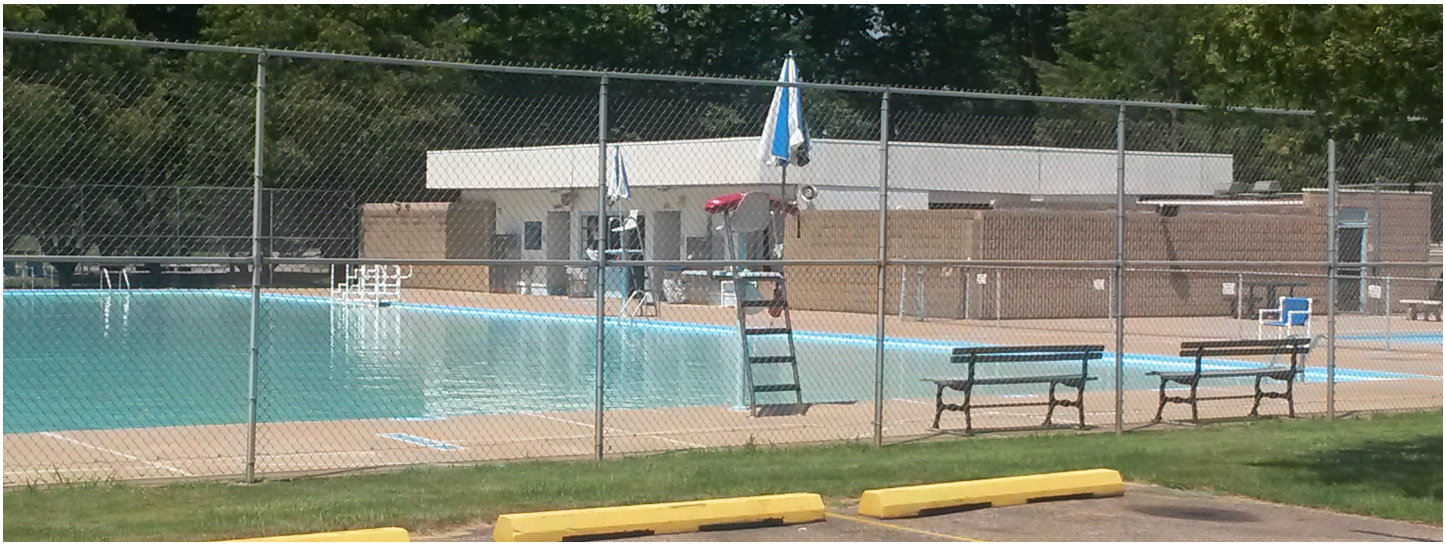
Prepared for
City of Marshfield
July 21, 2016



REQUEST FOR PROPOSAL FOR ARCHITECTURAL/ENGINEERING SERVICES

MUNICIPAL SWIMMING POOL STUDY

WTI
WATER TECHNOLOGY INC

MSA
PROFESSIONAL SERVICES

July 21, 2016

Justin Casperson
Parks and Recreation Director
630 S. Central Avenue, Suite 201R
Marshfield, Wisconsin 54449

Re: City of Marshfield Municipal Swimming Pool Facility

Dear Justin,
The next important chapter for Marshfield's Hefko Pool is about to be written and we understand the importance of it. With the City's wise desires for a facility that reflects the latest trends in the aquatic industry, we strongly believe that the teaming of Water Technology Incorporated (WTI) and MSA Professional Services, Inc. (MSA) will robustly support your effort and help make this certain.

For the past 20 years, MSA and WTI have partnered to successfully complete a number of aquatic-related projects. MSA is a regional engineering/architectural firm with 50 years of serving municipal clients and meeting their parks and recreation needs. One of our offices is located right in Marshfield. WTI is a Beaver Dam, Wisconsin-based firm with a great wealth of local, national and even international experience in the aquatics industry. With MSA's extensive municipal expertise and WTI's aquatics expertise, our team is well-suited to deliver a solid project approach and the right tools to help you consider your facility needs.

Please reference our detailed services, approach and cost under the corresponding tabs of this proposal. Here you will find a systematic process to effectively begin your consideration and then to fully implement the project. The benefits MSA would bring to this project are as follows:

BEST TEAM

We know Aquatics: From the lead MSA architect having over 30 million dollars of aquatics experience to the aquatics design team's extensive national experience, we understand your needs and goals. From cost, creativity and patron satisfaction, we will develop a practical solution to meet the project's full potential.
We know Municipal Projects: We specialize in serving public clients and have done so for more than 50 years. Park and recreation facilities are a cornerstone of our work. From creative design, to project implementation process and even long-term maintenance goals, we will serve your needs.

BEST APPROACH

Project Leadership: We carefully listen and lead an intentional option consideration process. We collaborate with you to meet your project and facility needs.
Creative Vision: The potential of the project can be best assessed with a creative and informed understanding of the functional and special characteristics of public park recreation spaces and aquatics facilities.

BEST TOOLS

Systematic Facility Review: The existing facilities condition will be considered. We understand the longevity and maintenance needs of Aquatics, Park & Recreation facilities.

Systematic Programming: A quantitative and qualitative needs assessment will be performed.

Technical Understanding: City of Marshfield will benefit from our full breath of expertise and technical know-how thus allowing us to truly consider and address the City needs.

MSA exists to enable people to positively impact the lives of others. This project is a real opportunity for us to deliver on that promise and display our commitment to serve the City of Marshfield. We look forward to designing a recreational facility that will positively impact Marshfield residents and visitors for decades to come. We truly believe in building partnerships as opposed to building projects and moving on to the next. It would be our pleasure and privilege to work alongside your community as you take on this important, impactful project. Should you have any questions pertaining to our qualifications, please feel free to call us at any time at (608) 355-8884.

Sincerely,
MSA Professional Services, Inc.

E. Carter Arndt, AIA
Senior Project Architect

Todd Trader, PE
Marshfield Office Contact

MSA PROFESSIONAL SERVICES
146 North Central Avenue, Suite 201, Marshfield, WI 54449

CONTENTS

MSA PROFESSIONAL SERVICES

1230 South Boulevard, Baraboo, WI 53913

Proposal Contact: Carter Arndt, AIA
Phone: (608) 355-8884
Email: carndt@msa-ps.com
Website: www.msa-ps.com

MSA PROFESSIONAL SERVICES

Corporate Overview

As a full service consulting firm, MSA Professional Services (MSA) is all about creating communities that work. We partner with our clients to help them solve today's complex and multi-faceted infrastructure challenges and improve the quality of their neighborhoods. Our focus is on providing exceptional professional services to build strong communities.

MSA's roots reach back to the 1930s. Once a rural land survey company, our firm now consists of more than 300 engineers, architects, planners, funding experts, surveyors, GIS experts and environmental scientists. MSA excels at helping clients identify grant and funding sources and then delivering high quality, cost-effective solutions. Based in 14 offices across four states, our technical teams collaborate to assist communities throughout the Upper Midwest.

YOUR SUCCESS MATTERS.

Client Service Quality Assurance Program

Our firm constantly strives to improve our processes and tailor the services we provide to best suit each of our clients. As part of our ongoing quality assurance program, we periodically request feedback from clients and project stakeholders to create better project outcomes for you.

These easy-to-complete surveys offer you the opportunity to comment on several areas of our performance throughout the duration of your project, which in turn helps us adapt our processes to your unique needs. Your feedback is specific to your project, and is returned directly to the people working with you. We pledge to respond to any issues you identify as the project proceeds.

Unlike any survey you've ever taken before, your response will initiate specific improvement for you and your project. To fully demonstrate this program, you will soon receive a survey requesting your feedback on our ability to meet your expectations throughout the proposal process. We hope you'll take a few minutes to respond, experience the process first-hand, and see how we follow-up to your feedback.

How it will work during your project:

1. *The project manager or another team member asks for your feedback electronically.*
2. *You respond to a six-eight question, two-three minute survey.*
3. *Your response is immediately routed to the project team via email.*
4. *If any of your responses indicate exceptional performance or a problem, someone on the project team will follow-up and discuss ways to either improve the process, or make sure we continue to provide the level of service you desire.*
5. *We document any process changes and communicate them to the project team and back to you.*

PRIOR POOL PROJECT EXPERIENCE

Summary

WTI and MSA Projects Completed in Partnership:

Erb Pool and Park
Appleton, WI

Irwin A. Goodman & Robert D Goodman Community Swimming Pool at Goodman Park
Madison, WI

Columbus Area Aquatic Center
Columbus, WI

Municipal Pool Facility
Muscoda, WI

Municipal Pool Facility
Lodi, WI

Frederic Aquatics Center Conceptual Study
Frederic, WI

Baraboo School District Indoor Pool Addition
Baraboo, WI

Municipal Pool/Bathhouse Addition & Renovation
Baraboo, WI

Christmas Mountain Village-Check in/Pool Building
Wisconsin Dells, WI

WTI Completed Projects:

Lincoln Park Aquatic Center Feasibility Study
Milwaukee County, WI

Apple Canyon Lake Pool Feasibility Study
Apple River, IL

Tosa Pool at Hoyt Park
Wauwatosa, WI

Manitowoc Family Aquatic Center
Manitowoc, WI

See many more at www.wti.com

MSA Completed Projects:

Copper Point Subdivision Clubhouse
Castle Rock Lake, Juneau County, WI

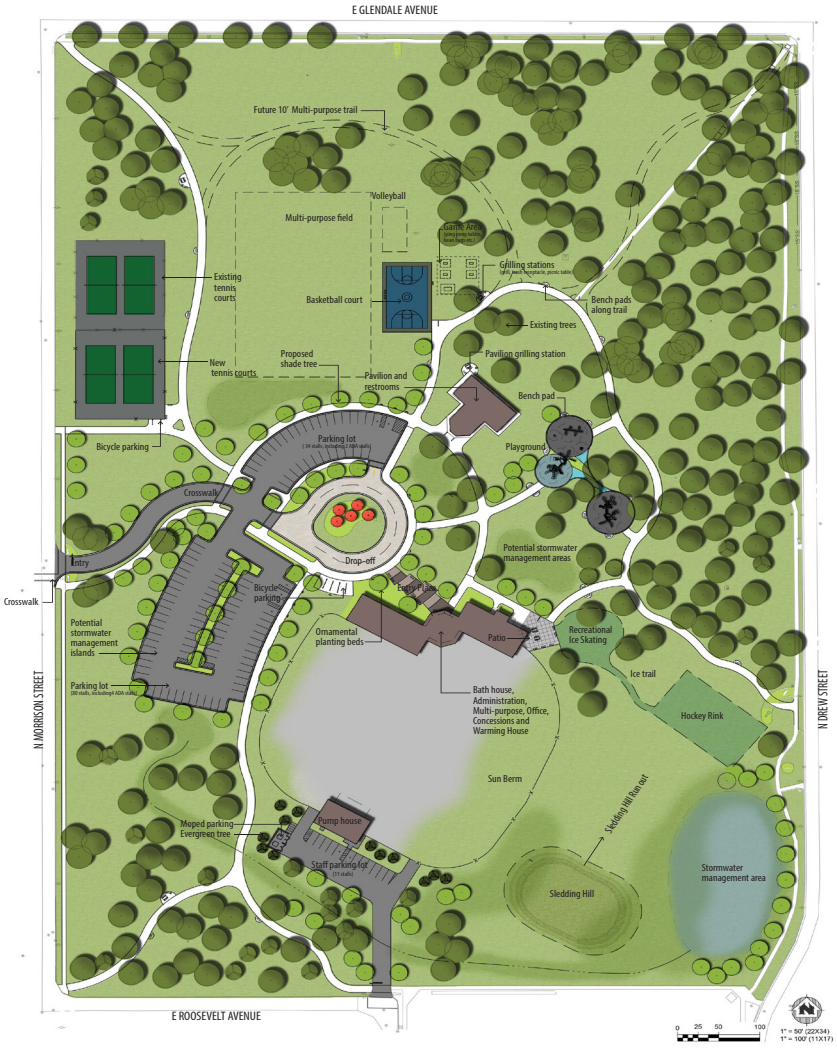
Waterstone Subdivision Clubhouse
Castle Rock Lake, Juneau County, WI

ERB POOL AND PARK

Appleton, WI

REFERENCE INFO

Dean Gazza, Director of Parks and Recreation
City of Appleton
(920) 832-3919
dean.gazza@appleton.org



Erb Park is a 27.25-acre community park located in Appleton Wisconsin. The existing outdoor Erb Pool facility and park shelter were in need of replacement. The opportunity was seized by the City to master plan a full park improvement project for this very important and long-standing park. $10.5-$11 million of funding was allocated for the effort.

The highly qualified team of MSA and Water Technologies for the aquatics will work together on the project's development and design. The MSA/WTI team was selected as the "most creative & comprehensive" for the project. Master Park planning ensued with a series of public and City meetings to develop a dynamic design to improve the park in every way possible. Though the facility will serve as a City-wide amenity, the team was careful to maintain a "special neighborhood park" feel because of its location surrounded by residential properties.

The new aquatics facility includes an eight-lane competitive Olympic-size pool that stands out as the only one in the region. The competitive pool is complemented with a 6,200-square-foot recreational pool with zero depth entry, slides and many other water features. The aquatics feature also includes a large run-out body slide and tower. With plenty of shade structures, birthday party areas, sun turf and concessions area, the facility is fully appointed to be a special community aquatic feature.

Park amenities include new concrete and asphalt multi-use paths/sidewalks, grilling stations, all new parking lots, basketball and tennis courts, multi-use sports field, sledding hill, ice skating area, and a playground area with pour in place rubber surface.

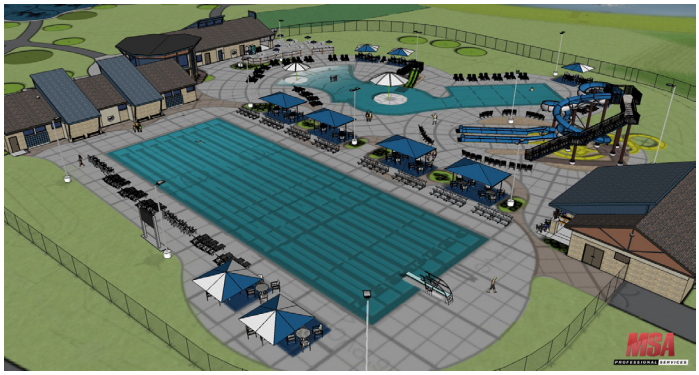
Other features include new landscaping features, ping pong tables, bean bag toss stations, ample bike racks and new park and pool furnishings. Challenging stormwater needs were met through intricate computer model with infrastructure, infiltration and a pond with water fountain.

ERB POOL AND PARK

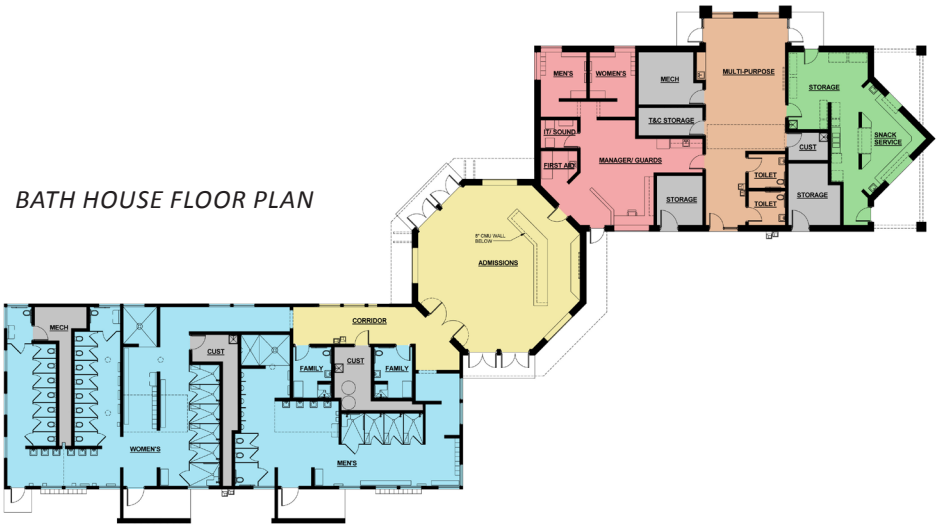
Appleton, WI

The buildings include a Bath House with an octagon main lobby/ admissions space, staff areas, a multi-purpose room that serves as a warming shelter in the winter and professionally designed concessions stand that serves both the pool and the park. TNatural daylighting features provide substantial illumination for the facility. Other buildings include a freestanding Pool Equipment with covered seating area and a Pavilion Park Shelter with restrooms and event support kitchen area.

The project is scheduled to start construction in August of 2016 and is to be complete by June of 2017.



BATH HOUSE FLOOR PLAN



GOODMAN COMMUNITY POOL

Madison, WI

The City's new Goodman Pool, designed for 1,000 users, is a walk-in entry swimming pool with water slides, spray park features, and a lap pool. The pool complex required 300-car parking and is located in a site known for high ground water and poor sub soils. The design team would need to find solutions that would address the soils and ground water, parking lot runoff, pool deck runoff, and pool filter discharge, and regulate the ground water elevations surrounding the pool. The Parks Department also wanted to prevent vehicular traffic from speeding through the parking and pedestrian areas, and to include bike/pedestrian paths to reduce the need for parking.

To accommodate the new impervious area, MSA prepared a low impact design that would provide a high level of water quality treatment and promote infiltration. The developed site discharges less stormwater than the original site, and the effluent that reaches Wingra Creek carries a lower nutrient load. The original site had vast areas of lawn clippings and fertilizer requirements. The bioswales we designed greatly reduce the nutrients using natural biological processes.

The primary treatment ponds are wet basins with emergent vegetation shorelines that remove solids and pre-treat the storm water before entering a large bioswale. The bioswale is downstream of two separate treatment ponds and will remove nutrient loads from the storm water prior to discharging into Wingra Creek.

The parking lot was sized for a limited amount of vehicular parking to encourage non-motorized trips to the park. The integral bike/pedestrian paths were designed to promote safe and effective access for pool and park patrons by tying into surrounding regional bike paths and neighborhoods, and getting to paths through the site with the shortest possible travel distance.

The parking area has a curved linear design for improved aesthetics and fit with the existing site including the ability to retain existing mature trees on the site. The layout controls inbound/outbound traffic, and bike path crossings are at speed tables that regulate traffic speeds. The new gravity sanitary system releases pool backwash and bathroom facility services to Madison Metropolitan Sewerage District (MMSD). This gravity system had a higher initial cost, but has a lower long-term cost, and was designed in lieu of a pumping system that would have long-term pumping costs. The gravity system provides a savings in energy and reduces the systems life-cycle costs, downtime, and maintenance needs.

REFERENCE INFO

Dean Mueller, Project Manager
Water Technology, Inc.
(920) 887-7375
deanm@watertechnologyinc.com

COMMUNITY SWIMMING POOL

Lodi, WI

REFERENCE INFO

Kennan Buhr, Utilities Operations Manager
Lodi Utilities
(608) 592-3246
kbuhr@wppienergy.org

The City of Lodi celebrated the Grand Re-Opening of its historic swimming pool located in Goeres Park on June 15, 2014. The pool, which was originally built in the 1930s from WPA funds in conjunction with the development of the 20-acre park, was closed in 2013 because it no longer met current regulations. The kidney bean shaped pool, designed and engineered by WTI, maintains the original pool's rich history, while complimenting it with modern amenities that meet the needs of today's families.

One major change from the original pool to the new pool is the addition of zero depth entry that gradually slopes to a depth of four feet. An ADA-compliant ramp entry was also added, providing easy access for children and adults with accessibility challenges. Floor geysers are located in the zero-depth entry and not only provide an aesthetic appeal, but also appeal to toddlers and young children.

Other added amenities include underwater bench seating, four wellness lap lanes, and two basketball hoops with underwater marking to identify the free-throw lane and three-point arc. Upgrades were also made to the bathhouse, entry area, and surrounding deck area. The $2.1 million public pool, which is open free of charge, was funded through fundraising efforts led by "Friends of Lodi Pool" and bond monies.

AMENITIES

5,791 SF Leisure Pool
ADA Ramp Entry
3 Floor Geysers
Zero-depth Entry
3 Wellness Lap Lanes
2 Basketball Hoops with Underwater Free-throw and Three-point Lines
Underwater Bench Seating
Umbrella Shading

ERB POOL

Appleton, Wisconsin

OWNER

Appleton Parks & Recreation
100 N. Appleton St.
Appleton, WI 54911
(920) 832-5905

COMPLETED

Anticipated Opening 2017

WEBSITE

www.appletonparkandrec.org

Dean Gazza
Director of Parks, Recreation and Facilities
City of Appleton
100 N. Appleton St.
Appleton, WI 54911
920.832.5572
dean.gazza@appleton.org

The Appleton Parks & Recreation Committee and Common Council approved a $10.5 million budget to update and reconstruct the beloved neighborhood Erb Pool, bathhouse, and pavilion. The funds were also intended to update the overall park including parking lots, vehicular and pedestrian traffic and park use and aesthetics.
WTI worked with the City of Appleton Parks and Recreation and the lead consultant, MSA Professional Services, Inc. of Baraboo, to create and present three preliminary plans for public input. Each option included an eight-lane, 50-meter pool, and a second pool with a zero-depth entry featuring an area dedicated to intermediate swimmers and possible water slides. The team held interviews with stakeholders and public meetings to determine the final plan presented to the Parks and Recreation Committee for review and comment. Once approved WTI began work on the detailed drawings for construction.

AMENITIES

50 Meter Competition Pool
8 Lanes
1 Meter Spring Board Diving

6,177 SF Leisure Pool
Geysers and Deck Sprays
Custom Elevations
Interactive Water Features
Tot Slide
Water Basketball
Run-out Body Slides
Concessions
Sun Turf
Shade

WTI
WATER TECHNOLOGY INC.

WORLD LEADERS IN AQUATIC PLANNING, DESIGN AND ENGINEERING

SUNSET POOL REPLACEMENT

Elkhorn, Wisconsin

OWNER
City of Elkhorn
9 S. Broad St.
Elkhorn, WI 53121

COMPLETED
2015

WEBSITE
www.cityofelkhorn.org/

After completing a feasibility study in 2012, the City of Elkhorn selected the WTI team to design and engineer its new outdoor swimming pool. WTI worked closely with the City, to identify the goals and needs of the community. Prior to the kick-off meeting, WTI provided an outdoor survey and amenities booklet for the pool committee to complete. WTI tabulated the surveys and presented the findings at the initial project meeting and discussed the results and how they related to the overall goals and project budget. Other topics discussed related to the survey included the site, building and concessions, parking, pedestrian features, changing areas and support spaces. After the meeting WTI returned to the drawing board to conceptualize the City's desires into one comprehensive aquatic center.

WTI presented three concepts to the city for further discussion giving careful consideration to the site orientation. The final concept was developed into a full color concept that could be used in media and public awareness campaigns. Additionally, WTI worked with the City to provide additional imagery to convey the amenities included in the concept. WTI also helped to set up tours of existing facilities in the area that had similar goals and budgets.

The City of Elkhorn broke ground for the new facility in August 2014 and opened on their scheduled opening in the summer of 2015.

AMENITIES
7,420 SF Leisure and Competition Pool
6 X 25 YD COMPETITION POOL
2 -1 METER DIVING
DROP SLIDE
ZERO-DEPTH ENTRY
TOT SLIDE
5 - GEYSERS
Fumbling Five

WTI
WATER TECHNOLOGY INC.

WORLD LEADERS IN AQUATIC PLANNING, DESIGN AND ENGINEERING

GOERES PARK SWIMMING POOL

Lodi, Wisconsin

OWNER
City of Lodi
130 South Main Street Lodi, WI
53555

COMPLETED
2014

WEBSITE
www.cityoflodi.us

Randy Herwig
Dir. Public Works
City of Lodi
T. 608-592-3247 x 207

The City of Lodi celebrated the Grand Re-Opening of its historic swimming pool located in Goeres Park in 2014. The pool, which was originally built in the 1930's from WPA funds in conjunction with the development of the 20 acre park, was closed in 2013 because it no longer met current regulations. The kidney bean shaped pool, designed and engineered by WTI, maintains the original pool's rich history, while complimenting it with modern amentities that meet the needs of today's families

One major change from the original pool to the new pool is the addition of zero depth entry that gradually slopes to a depth of four feet. An ADA compliant ramp entry was also added, providing easy access for children and and adults with accessibility challenges. Floor geysers are located in the zero-depth entry and not only provide an aesthetic appeal, but also appeal to toddlers and young children. Other added amenities include underwater bench seating, four wellness lap lanes, and two basketball hoops with underwater marking to identify the free-throw lane and three-point arc. Upgrades were also made to the bathhouse, entry area, and surrounding deck area. The $2.1 million public pool, which is open free of charge, was funded through fundraising efforts led by "Friends of Lodi Pool" and bond monies.

AMENITIES
5,791 SF Leisure Pool
ADA Ramp Entry
3 Floor Geysers
Zero-depth Entry
3 Wellness Lap Lanes
2 Basketball Hoops with Underwater
Free-throw and Three-point Lines
Underwater Bench Seating
Umbrella Shading

WTI
WATER TECHNOLOGY INC.

WORLD LEADERS IN AQUATIC PLANNING, DESIGN AND ENGINEERING

COMMUNITY SWIMMING POOL AT GOODMAN PARK

Madison, Wisconsin

OWNER
City of Madison
215 Martin Luther King, Jr. Blvd.,
Suite 120
Madison, WI 53710

COMPLETED
2006

AWARDS / FEATURES
Architectural Showcase Feature
Athletic Business, June 2007

Innovative Architecture & Design Highlight
Recreation Management, May 2007

2006 WPRA Outstanding Aquatic Facility Award
Wisconsin Park and Recreation Assoc.
November 2006

WEBSITE
www.cityofmadison.com/parks/pool/

Brad Weisinger
WPCRC Director at City of Madison
210 Martin Luther King Blvd.
Room 104
Madison, WI 53703
608.245.3691
bweisinger@cityofmadison.com

The City of Madison received a total donation of $2.5 million from retired jewelers, Robert and Irwin Goodman for the design and construction of the pool. The City formed two committees; one for the planning and one for the sole purpose of raising money. The dedication and hard work of these committees was an integral part of the success of the project.

Several key issues in this project include a site location plan that would place the pool in the most accessible place for all of the City's neighborhoods. WTI and the Ad Hoc Pool Committee studied nine sites for feasibility of location, parking, transportation, demographics and technical aspects of all sites. WTI then developed two conceptual plans; one with an 800 bather load capacity and the other for 1000 bathers. The City contributed $1.26 million and the rest came from large and small public and private donations through Madison's impressive fund raising efforts. This was enough to begin the final design of the pool that would allow for 1,000 swimmers.

The deck level pool is a total of 16,500 square feet with a zero depth entry, interactive waterplay, two waterslides, an 8 lane, 25 meter lap area, one meter diving boards, starting platforms, large deck areas with shade structures and deck furniture along with concession and guest changing areas. The design also incorporated variable frequency drives on pool pump motors to help reduce energy costs and all building materials, lighting, mechanical and heaters are designed to be energy efficient.

The project proved successful with an average of 1,100 guests per day in the first season. The goal was to attract residents of all ages and ethnic backgrounds and provide public aquatic recreation to children of all income levels.

AMENITIES

16,500 SF Leisure/Lap Pool
8 Lane, 25 Meter Lap Area
Starting Platforms
(2) One Meter Diving Boards
(2) Body Slides
Raining buckets
Perispray
Silly spray
Water curtain
(7) geysers
Shade Structures
Umbrella Tables
Deck Chairs
Family Changing Rooms
Concessions Area

WTI
WATER TECHNOLOGY INC.

WORLD LEADERS IN AQUATIC PLANNING, DESIGN AND ENGINEERING

REINDAHL PARK SPLASH PAD

Madison, Wisconsin

Dozens of children, of all ages, gathered under the interactive features for the inaugural activation of the water sprays at Reindahl Park. The spray ground is free and open to the public throughout summer months.

WTI was hired in 2013 by the City of Madison for the design and engineering of the Reindahl Park Splash Pad, support/concessions building, and Shade Shelters. Through a series of public and staff meetings, WTI developed the design for the new splash park. The 2200 Square foot Splash pad is designed into three connecting spray zones, each appealing to a slightly different age group. Adjacent to the splash pad are shade shelters, designed by WTI, which house 2-4 picnic tables and a mechanical support/concessions building. Uniquely, a remote monitoring system connects to the splash pad for the convenience of the Madison Park Maintenance department to keep an eye on the mechanical systems.

Other improvements expected to take place at the park over the course of five years include athletic facility enhancements and new shelter landscaping. The park is also home to a major soccer complex, reservable shelter, playground, basketball court, community gardens, and tennis courts.

OWNER

City of Madison
210 Martin Luther King Jr. Blvd
Madison, WI 53703

COMPLETED

2014

AWARDS / FEATURES

Aquatic Design Portfolio Feature
Athletic Business, Jan/Feb 2015

WEBSITE

www.cityofmadison.com/parks/

Brad Weisinger
WPCRC Director at City of Madison
210 Martin Luther King Blvd.
Room 104
Madison, WI 53703
608.245.3691
bweisinger@cityofmadison.com

AMENITIES

2200 SF Splash Pad
Vortex
(1) Aqualien PowerSpinner
(2) Loop No1
(1) Bamboo No10
(1) Team Spray No2
(1) Team Spray No1
(3) Directional Water Jet
(1) Ombrello Twirl No1
(1) Ombrello Twirl No2
(1) Ombrello No1
(2) Ombrello No2
(5) Jet Stream
(3) Aqualien Flower No1
(1) Fountain Spray
(2) Groud Geyser
(1) Aqua Dome No1
(2) Spray Loop
(1) Watergarden Activator No1
(2) Foot Activator

WTI WATER TECHNOLOGY INC.

WORLD LEADERS IN AQUATIC PLANNING, DESIGN AND ENGINEERING

MANITOWOC FAMILY AQUATIC CENTER

Manitowoc, Wisconsin

OWNER
City of Manitowoc 930 North 18th St. Manitowoc, WI 54220

COMPLETED
2010

WEBSITE
www.manitowoc.org

Denise Larson
Assistant Director
City of Manitowoc
Parks and Recreation
Manitowoc, WI 54220
920.683.4530
dlarson@manitowoc.org

WTI worked with the City of Manitowoc to perform an aquatic study to determine what type of aquatic facility would best meet the needs of their community. The primary goal was to develop an outdoor aquatic facility that appealed to youth, adults, and family. The second planning objective was to develop facilities that would support the local interests of competitive swimming and diving. Lastly, the City wanted to provide new opportunities for casual non-water recreation activities for youth and adults (picnic areas, sand play, etc.) and provide an aesthetic quality to the pool environment through signage, furniture, appurtenances, and landscaping.

WTI evaluated four potential sites and compared them for accessibility, adjacent land use, available utilities, and special considerations such as if the site had an existing pool, would displace other recreational activities or if land acquisition would be required. After design and programming meetings with the city and citizen survey tabulations, a recommended program was provided.

In 2007, the City of Manitowoc hired WTI for the second phase of the project, which included the final design, construction documents, construction administrations and start up. After being without a pool for three years, the new pool opened in time for the 2010 summer season

After years of successful years of operation, the Manitowoc Family Aquatic Center approached WTI again to review various opportunities for added entertainment throughout the facility. The group decided to further explore the options and again work with WTI.

AMENITIES

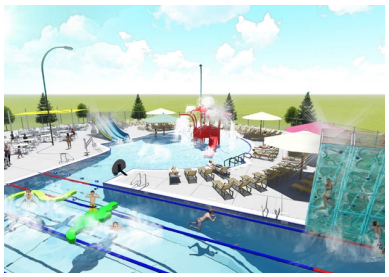
9,072 SF Leisure Pool
Zero Depth Entry
Kiddie Slide
Geysers
Water Cup Interactive Play Feature
ARC Multi-Play VII Structure
Lazy River
4 Lap Lanes
3/4 Meter Diving
Drop Slide
(2) Slides with Runout
Funbrella - Shaded Water Areas
Sand Play Area

WTI WATER TECHNOLOGY INC.

WORLD LEADERS IN AQUATIC PLANNING, DESIGN AND ENGINEERING

MERRILL MUNICIPAL AQUATIC CENTER

Merrill, Wisconsin



OWNER
City of Merrill
1004 East First Street Merrill,
Wisconsin 54452

COMPLETED
2016

WEBSITE
www.merrill.wi.us

Dan Wendorf
Parks and Recreation Director
City of Merrill
1100 Marc Drive
Merrill, WI 54452
715.536.7313
dan.wendorf@ci.merrill.wi.us

In late 2014, the City of Merrill hired Water Technology, Inc. (WTI) to plan and design their new outdoor aquatic facility. Also the architect of record and prime consultant WTI is responsible for all building architecture on site including the bathhouse and mechanical room. The new facility replaces the swimming pool constructed in 1968. After ongoing maintenance and some mechanical issues, the Merrill Parks & Recreation Commission made the decision to permanently close the 44-year-old pool in Stange's Park and work toward a new facility.

After several meetings with the City and stakeholders and with cost in mind, it was decided that the new aquatic center would be located at the Merrill Area Recreation Center to serve Merrill residents as well as county residents of the surrounding area and visitors to Council Grounds State Park.

The aquatic center features a 6-lane competition / lap pool, a diving well with 1 meter and 3 meter diving boards, climbing wall, water basketball, tethered floatables, zero depth entry area with splash structure and interactive spray features, slides and deck with shaded seating area.

As the Prime Consultant, WTI is responsible for coordination of all Construction Administration. "WTI's role will be to continue to help us through all the infinite details and be our technical consultants," said Dan Wendorf, Merrill Parks and Recreation Director. "Building an aquatic center is a very big undertaking. We have taken a great deal of time in gathering various perspectives and citizen input to put this all together. In turn, we have ended up with a 700 page project manual. WTI is very good at what they do and we will continue to rely on their expertise in helping us along the way. Miron's (Construction Co.) job is to build the aquatic center exactly the way we have it drawn out in this 700 page manual."

AMENITIES
6 Lane Outdoor Competition Pool with 1 Meter and 3 Meter Diving, a Climbing Wall, Tethered Floatables, Water Basketball, Zero Depth Entry Area with Water Sprays, Play Structure with Kiddie Slide, and 3-Wide Family Slide

Large Deck with Two Body Slides with Runout and Shaded Seating

WTI
WATER TECHNOLOGY INC.

WORLD LEADERS IN AQUATIC PLANNING, DESIGN AND ENGINEERING

TOSA POOL AT HOYT PARK

Wauwatosa, Wisconsin

OWNER
Friends of Hoyt Park & Pool
PO Box 13936
Wauwatosa, WI 53213

COMPLETED
2011

AWARDS / FEATURES
Outstanding Aquatic Facility Design/ Renovation Award
Wisconsin Park & Recreation Association, Aquatic Section, November 2011

WEBSITE
www.friendsofhoytpark.org

Kit Slawski
Executive Director
Friends of Hoyt Park & Pool
PO Box 13936
Wauwatosa, WI 53213
414.302.9160
kit.slawski@tosapool.com

In 2003, after 60 years of operation, the Hoyt Park Pool closed due to severe structural problems and extremely high operational costs. After seven years without a pool, the new outdoor family aquatic center, designed by WTI, opened its doors Memorial Day 2011.

The Friends of Hoyt Park & Pool was created in 2006, a privately-funded organization with a mission to enhance the quality of life for community members by developing, maintaining, and operating a pool at Hoyt Park. With the help of WTI, volunteers have spent thousands of hours over the past few years raising millions of dollars, navigating the necessary regulations, evaluating other pools, and building support among the community.

The Tosa Pool at Hoyt Park boasts some exciting and unique features. The zero depth entry allows for easy access, and the large shallow area with interactive play features accommodates young children. There is also plenty of deep water for the more advanced swimmers. The landscaped grassy areas are an inviting place for people to place a beach towel and soak up the sun.

The behind the scene aspects of the pool are also impressive. Advancements in filtration technology allow for less water and energy waste during the pool cleaning process. The sanitation system utilizes ultraviolet light, which reduces the need for chlorine and kills more bacteria. The original bathhouse pavilion underwent extensive remodeling and replacement to modernize the facility. The pavilion includes a concession stand, space for a coffee shop or restaurant, ticket office, as well as shower and changing facilities. When funding becomes available, solar panels will be installed on the building roof.

AMENITIES
16,991 SF Leisure Pool
Zero Depth Entry
AP-300 Interactive Play Structure
Geysers
Body Slide with Plunge Pool
8 Lane 25 Yard Lap Area
(2) One Meter Diving Boards with Diving Well
Shade Structures

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ORGANIZATION CHART

With MSA's extensive municipal expertise and Watertec Inc.'s aquatics expertise, our team is well-suited to deliver a solid project approach and the right tools to help you consider your facility needs. Carter Ardnt will lead the project and will be the key contact. The work will be performed out of MSA's Baraboo location with the assistance of Todd Trader in MSA's Marshfield location.

CITY OF MARSHFIELD

E. Carter Arndt, AIA
Project Manager
MSA Professional Services
26 Years of experience

MSA PROFESSIONAL SERVICES

Raine Gardner, PE
Project Engineer
MSA Professional Services
11 Years of experience

Sarah McDonald, PLA
Landscape Architect
MSA Professional Services
10 Years of experience

Todd Trader, PE
Marshfield Office Contact
MSA Professional Services
15 Years of experience

WTI WATER TECHNOLOGY INC

Matt Freeby, PE
Senior Project Planner
Watertec Inc.
32 Years of experience

Adam Pfister, PLA
Project Designer
Watertec Inc.
11 Years of experience

EDUCATION

B.A., Architecture

Iowa State University

AFFILIATIONS

Architect Wisconsin

American Institute of Architects

AREAS OF EXPERTISE

- Project Leadership and Administration
- Feasibility Studies
- Building Code and Accessibility
- Architectural Design
- Construction Administration

Carter Arndt, AIA

Project Architect | Project Manager | Key Contact

Mr. Arndt has a diversified experience in aquatic facilities, community centers, fire stations, municipal office buildings, libraries, police stations, county highway facilities, public works garages, waste and water facility buildings, schools, churches, and commercial and retail projects consisting of new construction, additions, and remodeling.

Mr. Arndt has been specifically involved in over $25 million worth of aquatics construction. Carter's overall background has been in the architectural design of public buildings and spaces, code and feasibility studies, cost estimates, organization, detailing and production of working drawings, consultant coordination, shop drawing review, and color selections. Since the onset of ADA, he has performed many of the firm's ADA surveys and has generated the survey reports.

SELECTED PROJECT EXPERIENCE

Erb Pool and Park, Appleton, WI
Lodi Municipal Swimming Pool, Lodi, WI
Sunset Pool, Elkhorn, WI
Municipal Pool Facility, Muscoda, WI
Aquatics Center Conceptual Study, Frederic, WI
Baraboo School District Indoor Pool Addition, Baraboo, WI
Municipal Pool/Bathhouse Addition & Renovation, Baraboo, WI
Christmas Mountain Village-Check In/Pool Building, Wisconsin Dells, WI
Multiple WPH Resort Indoor Water Park Facilities totaling over $20 Million in construction, in Chicago, IL; Kansas City, MO; Omaha, NE; Waterbury, CT
Kilbourn Public Library, Wisconsin Dells, WI
Westfield Community Center, Westfield, WI
Lisa Link Peace Park, Madison, WI
City Hall/Police/Library, Cuba City, WI

EDUCATION

M.S., Civil Engineering
University of Wisconsin-Madison

B.S., Civil Engineering
Michigan Technological University

AFFILIATIONS

Professional Engineer - WI

American Society of Civil Engineers

Wisconsin Park and Recreation Association

AREAS OF EXPERTISE

- Recreational Parks
- Boat Launches, Docks, and Fishing Piers
- Project and Construction Management
- Municipal Utility Design and Construction (Sanitary sewer, Water, Stormwater)

Raine Gardner, PE

Project Engineer

Ms. Gardner works with municipal governments in planning, design, and constructing infrastructure and park/recreation systems. She has worked on a variety of municipal projects including multi-use paths, skateparks, stormwater, water main, sanitary sewer, lighting layout, roadway reconstruction, lake dredging, streetscaping plans, fishing piers, boarding docks, shoreline restoration, and recreational park and boat launch planning/design.

In addition to project planning and design, Ms. Gardner has aided in construction management, right-of-way and easement acquisition, project permitting, wetland mitigation work, and GIS mapping. She helps clients apply for local, state, and federal funding grants and assistance. Clients also rely on Ms. Gardner for zoning administration and guidance.

SELECTED PROJECT EXPERIENCE

- **Erb Pool and Park,** Appleton, WI
- **Riverside Park Redevelopment,** Mauston, WI
- **Newport Park and Boat Launch Project**, Lake Delton, WI
- **Lake Delton Downtown Parking Lot and Plaza Areas**, Lake Delton, WI
- **Haskins Park Reconstruction Project,** Baraboo, WI
- **Veterans Memorial Park,** Grafton, WI
- **Ravine Restoration Projects**, Lake Delton, WI

Sarah McDonald, PLA, ASLA

Project Engineer

Ms. McDonald has over six years of landscape architecture and planning experience in private and public sectors, from residential design-build to district-wide implementation plans. As both a planner and landscape architect, Ms. McDonald strives to improve the relationship between people's quality of life and the built environment. By assisting communities in translating their visions into designs and designs into realities, they become more dynamic and sustainable places. Her design experience with urban planning, parks and recreation, education and medical office buildings, assisted living and healing gardens has afforded her a level of knowledge that has proven invaluable to every project she has been engaged with. Sarah is active in the American Society of Landscape Architects and a member of the American Planing Association. Sarah is well versed in all phases of project development from site inventory and analysis, through conceptual design and preparation of construction documentation.

EDUCATION

M.S., Urban and Regional Planning
University of Wisconsin-Madison

B.S., Landscape Architecture
University of Wisconsin-Madison

AFFILIATIONS

Professional Landscape Architect, WI

American Society of Landscape Architects

American Planning Association

AREAS OF EXPERTISE

- Urban Design and Sustainable Design
- Development and Redevelopment Planning
- Comprehensive Planning
- Landscape Design

SELECTED PROJECT EXPERIENCE

- **Erb Pool and Park,** Appleton, WI
- **Rothschild Park Master Plan,** Rothschild, WI
- **Riverside Park Improvement Concept,** Mauston, WI
- **Gooding Park Master Plan,** Kronenwetter, WI
- **West Bend Riverwalk**, West Bend, WI
- **Lake Michigan Implementation Strategy,** Michigan City, IN*
- **Downtown West Dundee Plan,** West Dundee, IL*
- **22nd Street Improvements**, Oak Brook, IL*
- **Elmore Marketplace Development,** Elmore, MN
- **Pulaski Road Streetscape,** Alsip, IL*
- **Ardmore Avenue Streetscape,** Villa Park, IL*
- **Malcolm X College,** Chicago, IL*
- **OSF Healthcare Center,** Peoria IL*

Todd Trader, PE

Marshfield Office Contact

Mr. Trader works with municipal governments designing and constructing infrastructure. He has designed and provided construction services for municipal streets, sewer and water main extensions and replacements, lift stations, industrial parks, stormwater systems and park improvements; and prepared storm water management, drainage, and erosion control reports. His expertise includes planning, estimating, scheduling, and coordination with funding programs, as well as fulfilling state, federal, and local government regulations and permit requirements.

EDUCATION

B.S., Environmental Engineering
University of Wisconsin - Platteville

CERTIFICATIONS

Professional Engineer, WI

AREAS OF EXPERTISE

- Project Management and Inspection Services
- Plans and Specifications Preparation
- Stormwater Flow Evaluation and Design
- Review of Stormwater Management Plans

SELECTED PROJECT EXPERIENCE

- **Griese Park North Soccer Field Development**, Marshfield, WI
- **Point Basse Avenue Boat Launch**, Nekoosa, WI
- **Gasser Road and Great Wolf Drive Storm Sewer Design,** Lake Delton, WI
- **Prairie Run Subdivision,** Marshfield, WI
- **Veterans Parkway Condominiums**, Marshfield, WI
- **Wildwood Park Parking Lot Reconstruction**, Marshfield, WI
- **2010 Street Improvements,** Marshfield, WI
- **Marshfield Homes Stormwater Polution Prevention Plan (SWPPP)**, Marshfield, WI
- **Hartl Manor Storm Sewer Reconstruction**, Marshfield, WI

MATT FREEBY, AIA, LEED AP, NCARB

Senior Project Manager

Matthew Freeby has a breadth of experience in the design and construction of numerous building types and structures; with overall responsibility for large project development, he has handled projects ranging from $1 million to $100 million. His project experience ranges from conceptual planning to construction management.

Matt is relied upon to define project scope, goals and deliverables that support WTI's business goals in collaboration with senior management. He helps to determine and assess need for additional staff and/or consultants and make the appropriate recruitments if necessary during project cycle. A registered Architect in 22 states and a NSPF Certified Pool/Spa Operator, Mr. Freeby is a LEED Accredited Professional with an advanced depth of knowledge in green building practices and sustainable aquatic design and operations. Matt's attention to detail and persistent pursuit of excellence provides the industry benchmark in aquatic design.

EDUCATION

Master's Degree, Architecture
Washington University
St. Louis, Missouri

Master's Degree, Civil Engineering, Construction Management
Washington University
St. Louis, Missouri

Bachelor of Arts, Architecture
Washington University
St. Louis, Missouri

REGISTRATIONS

AIA Architect: AL, AR, CA, DE, FL, HI, IN, LA, MI, MN, MO, NE, NJ, NM, NV, NY, OK, RI, TN, UT, WA, WI

LEED Accredited Professional

NSPF Certified Pool / Spa Operator (CPO)

PROFESSIONAL AFFILIATIONS

American Institute of Architects (AIA)
National Council of Architectural Registration Boards (NCARB)
Themed Entertainment Association (TEA)

FEATURED PROJECTS

College of DuPage-Glen Ellyn, IL - Glen Ellyn, IL
Collins High School - Chicago, IL
Greater Decatur YMCA - Decatur, IL
East Aurora High School Pool - Aurora, IL
Glenbrook North High School - Northbrook, IL
Glenbrook South High School - Glenview, IL
Palatine High School Pool Renovations - Hoffman Estates, IL
Township High School District 211 - Hoffman Estates, IL
J. W. Marriott Spa, Chicago Loop - Chicago, IL
Nicholas Riverfront Conservatory and Gardens - Rockford, IL
Park Forest - Park Forest, IL
Peoria Rec Plex - Peoria, IL
Ray & Joan Kroc Cops Community Center of Quincy - Quincy, IL
Springfield YMCA: Gus and Flora Kerasotes YMCA - Springfield, IL
Clarksville Family Aquatic Center Renovation - Clarksville, IN
Prophetstown State Park Family Aquatic Center - Battleground, IN
Bryan Park Pool - Bloomington, IN
Mills Park Pool - Bloomington, IN
Charlevoix Area Community Pool - Charlevoix, MI
Boll Family YMCA - Detroit, MI
Harper Creek Community Schools - Battle Creek, MI
Excelsior Springs Community Center - Excelsior Springs, MO
Watford City Events Center - Watford City, ND
Athens Community Pool - Athens, OH
Liberty Township Powell YMCA - Powell, OH
Mandel Jewish Community Center - Beachwood, OH
Sunriver Homeowners Association Aquatic Center - Sunriver, OR
Watertown Community Recreation Center - Watertown, SD
UW Madison SERF - Madison, WI
Erb Pool - Appleton, WI
Antigo Municipal Outdoor Pool Renovation - Antigo, WI
Western Racquet Club - Elm Grove, WI
Baraboo HS Indoor Swimming Pool VGB Review Evaluation - Baraboo, WI
Bayshore Mall Spraypad - Glendale, WI
Creekview Aquatic Center at the Evergreen Retirement Community - Oshkosh, WI
Goeres Park Pool - Lodi, WI
Manitowoc Family Aquatic Center - Manitowoc, WI

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ADAM PFISTER

Project Designer

Working within the parameters given, Adam orchestrates a symphony of aquatic elements and features throughout the facility. His designs transform flat, monotonous areas into stimulating aquatic destinations using elevation and unique, custom created structures. Adam's experience in Landscape Architecture includes environmental, urban, commercial and residential design; he also has experience in image editing.

Adam's investigative approach prior to designing each facility includes working with project management and the client to understand the demographics of the area in conjunction with their needs, wants and state codes. Once all the information is gathered, Adam uses his design skills to transform planning and programming notes into a conceptual graphic design, carefully taking into account budget constraints and objectives. Adam's dedication and passion for designing is evident throughout the design process; he works carefully with project managers and manufacturers to make sure the client's vision is seen through to completion. Adam's portfolio includes a variety of aquatic facilities including Olympic level competition, therapy and wellness, hotel, and municipal leisure.

EDUCATION

Bachelor of Landscape Architecture,
Iowa State University
Ames, IA

REGISTRATIONS

NSPF Certified Pool / Spa Operator (CPO)
Revit Certified Professional

PROFESSIONAL AFFILIATIONS

American Society of Landscape Architects (ASLA)
Themed Entertainment Association (TEA)

FEATURED PROJECTS

Bentonville Community Center - Bentonville, AR
Cottonwood Community Recreation Center - Cottonwood, AZ
City of Greeley Citywide Masterplan of Outdoor Aquatic Centers - Greeley, CO
Lone Tree Recreation Center - Littleton, CO
Dubuque Country Club - Dubuque, IA
Marion IA Linn-Mar Community School District - Marion, IA
Forest City Family Aquatic Center - Forest City, IA
Sergeant Bluff IA - Sergeant Bluff, IA
Niles North High School - Skokie, IL
Apple Canyon Lake Property Pool and Bathhouse - Apple River, IL
Rock Island FAC Whirlpool Addition - Rock Island, IL
Des Plaines Park District Chippewa Pool - Des Plaines, IL
Willow Stream Aquatic Center Renovation - Buffalo Grove, IL
Magic Waters Slide Complex - Rockford, IL
Green Lake Family Aquatic Center - River Forest, IL
Prophetstown State Park Family Aquatic Center - Battleground, IN
Salt City Splash Aquatic Center Study - Hutchinson, KS
Tie Breaker Family Aquatic Center - Hopkinsville, KY
Lions Water Adventure at the Woodmen Community Center - Kinston, NC
Williston Community Recreation Center - Williston, ND
Las Cruces Regional Recreation & Aquatic Center - Las Cruces, NM
Sunriver Owner's Assocation - Sunriver, OR
Aberdeen Family Aquatic Center - Aberdeen, SD
Madison Outdoor Aquatic Center - Madison, SD
Russ McEwen Aquatic Center - Big Spring, TX
NRH2O Waterpark - North Richland Hills, TX
Creekside Family Aquatic Center - The Woodlands, TX
Upton Hill Regional Park Pool - Arlington, VA
Lynnwood Recreation Center - Lynnwood, WA
Kandle Park Pool - Tacoma, WA
Erb Pool - Appleton, WI
Reindahl Splash Pad - Madison, WI
Goeres Park Pool - Lodi, WI
Hy & Richard Smith JCC Family Park - Mequon, WI
Hoyt Park Pool - Wauwatosa, WI
Manitowoc Family Aquatic Center - Manitowoc, WI

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PROJECT UNDERSTANDING

The only outdoor public swimming facility in the City of Marshfield is the Hefko Pool located at 1805 South Roddis Avenue. The Hefko Pool was built in 1933 with a major renovation in 1974 that added a diving well and a new bath house. No significant improvements have been made since that time. The Parks and Recreation Department has been able to keep the current pool open with relatively minor expenses; however, it is unknown how long this can be done without being confronted with a major expenditure. Although components of the Hefko Swimming Pool have been replaced, there is concern that additional infrastructure investments will need to be made within the coming years to continue operation.

In 2000, a pool study was conducted and recommended the construction of new pool with an estimated cost of $3.2 million. It can be noted that amount inflated for 2017 costs is approximately $4.2 million. The City of Marshfield plans to replace and renovate the existing Hefko pool in its current location with a facility that reflects the latest trends in the aquatic industry. This 2000 report will be used as a starting point for this study.

The Marshfield Common Council appointed a 13-member Pool Study Committee to work with the architectural/engineering firm in the preparation of the study and submittal to the Parks, Recreation, and Forestry Committee and the Common Council.

Project expertise and leadership is being sought for a municipal aquatics architect/engineer to evaluate the existing facility and propose long-term solution leading to successful improvements or replacement.

Sunset Pool, Elkhorn, WI

SERVICES AND DELIVERABLES

SERVICES:

The following are the general services as requested and to provided:

1. Meet and participate in meetings with the Pool Study Committee, Parks, Recreation & Forestry Committee, City Council and City staff to determine needs and objectives.
2. Represent the City for technical, design and cost questions.
3. Provide an assessment of the existing Hefko Swimming Pool with improvement recommendations.
4. Perform site analysis with recommendations.
5. Provide facility and site concept plan(s).
6. Estimate construction costs, basic operational expenses and revenue projections.
7. Develop implementation schedule

NOTE: See the Approach section for a more detailed explanation of services.

OPTIONAL SERVICES:

1. Mechanical/Electrical Facility Condition Assessment by Engineers:
   - Additional field review and consideration by Electrical, HVAC & Plumbing Engineers
   - More desirable if the existing facility will partially remain
2. Building Design and Exterior Computer Model
   - Exterior Conceptual Exterior Design
   - Provides Project Visualization
     - Multiple 3-D snap shot views
     - Basic movie clip
3. Pool Economic and Management Consultant
   - Not required, but desired in some cases
   - Demographic & Operations Review
   - Identify user groups and demographics
   - Projected attendance, revenue and expenditures
   - Performa based feasibility review
   - Could be hired directly by City

SERVICES NOT INCLUDED:

1. Optional services
2. Asbestos testing and report
3. Site surveying
4. Schematic project design, detailed site, aquatics and building design
5. Construction documents, bidding and construction administration
6. Geo-Technical study and considerations
7. Additional public, stake holder and City meetings
8. Traffic Studies

DELIVERABLES:

The following deliverables are listed by phase (see Approach section for phase descriptions)

1. FACT AND GOAL FINDING
   - Aquatic Amenity Survey Results
2. DOCUMENTATION
   - Existing Facility Condition Assessment - electric (PDF) copy
   - Facility Programming Summary - electric (PDF) copy
3. DESIGN – OPTION CONSIDERATIONS
   - Conceptual Option Diagrams - electric (PDF) copy
     - Site
     - Buildings
     - Aquatics
   - Refined Option Diagrams - electric (PDF) copy
   - Budget - electric (PDF) copy
   - Schedule - electric (PDF) copy
4. PRESENT FINDINGS
   - Compile Findings - electric (PDF) copy and two hard copies
   - City Council Presentation - PDF and/or PowerPoint

Lodi Municipal Pool

I. FACT AND GOAL FINDING:

A. Kick-Off Meeting (meeting 1):

1. The meeting will be used to introduce the Pool Study Committee, staff and team members, establish chain of command, discuss responsibilities, gather existing pool records, establish a project schedule and discuss the existing facilities deficiencies.
2. Review aquatics and facilities goals, needs and attributes including those of a new facilities.
3. Advise the City on their direct hiring of an Economic & Operations Consultant, if desired.

B. Existing Facility Assessment:

1. Following the "Kick-Off" meeting, the existing facilities will be reviewed in order to observe and assess the general current physical condition of the facility and grounds.
2. Review will be performed by an Aquatics Designer/ Reviewer and an Architect.

C. Aquatics Programming Meeting (meeting 2):

1. One meeting with the Pool Study Committee.
2. Present a comprehensive vision of possible aquatic features and facility strategies.
3. Consensus forming begins with understanding diverse needs and desires.
4. Questionnaire to allow individual ranking and prioritization of possible aquatic features.
5. Access aquatics and facility goals.
6. Day-long series of meeting, as needed.
7. Compile results of the Aquatic feature prioritize questionnaires.

II. DOCUMENTATION:

A. General Facility Condition Summary:

1. Consider and prepare a written evaluation of the existing swimming pool facilities. Includes bathhouse, aquatics and immediate site features.
2. Provide general deficiency assessment.
3. Wisconsin Swimming Pool Code compliance review.
4. Provide estimated remaining useful life of existing major systems and operational effectiveness.

B. Facility Program Statement:

1. Compile a general program statement for the facility to identify the project parameters such as aquatics, buildings, parking and amenities.
2. This will be reviewed by the City and, after finalization, will be the programmatic basis for option consideration.
3. Provide a basic overall budgeting projection.
4. Provide a basic overall scheduling projection.
5. Gain City feedback via e-mail and conference video conferencing.
6. Refine the findings.

III. DESIGN - OPTIONAL CONSIDERATION:

A. Site Consideration and Conceptual Diagrams:

1. Includes aerial imaginary of each site to display and define the anticipated project zones.
2. Develop site diagrams for up to three proposed option(s).
3. These conceptual diagrams shall depict proposed site utilization for site development, building and aquatic areas.

B. Project Budgeting:

1. Develop a preliminary project budget for the options.
2. Includes recommended repairs, replacements or upgrades, if applicable.
3. Update the Operations/Revenue budgeting from the previous 2000 study.

C. Project Schedule:

1. Forecast sequence schedule for design through construction.
2. Provide for up to two schedule scenarios.

D. Design Review Meeting (meeting 3):

1. As the findings are developed, present and have progress review with the City via e-mail and phone.
2. One meeting with the Pool Design Committee.

E. Refine the proposed design(s) including costs and schedule.

1. Refine two options as selected by the City to share and review with city via email and phone.

F. Design Review Meeting (meeting 4):

1. Present proposed options.
2. One meeting with the Committee.
3. This meeting could be held in conjunction with a Parks and Recreation meeting, if desired.

G. Finalize the design documents.

1. Compile draft report.
1. Summarize issues, advantages and any opinions in regard to the facility options.
2. Refine findings and prepare report to summarize findings.
3. Gain City feedback via e-mail and conference video conferencing.

IV. PRESENT FINDINGS:

A. Public Presentation - City Council Meeting (meeting 5)

1. Compile findings in a report for electronic distribution prior to the meeting.
2. Prepare and make presentation of findings.
3. Facilitate discussion answer questions.

CITY SERVICES:

ITEMS TO BE PROVIDED BY CITY:

1. Base City mapping and data of the proposed sites that shall include areal imagery, property lines/parcels, utilities.
2. Existing utility information on the proposed site.
3. Existing facility drawings.

PROJECT SCHEDULE:

We propose to start work when the weather best allows the review of the existing facility and sites.

TASK	2016 TIMEFRAME
I. FACT AND GOAL FINDING	
Services Agreement in Place	August 15th
Kick-Off Meeting & Facility Review	Late August
Aquatic Programming Meeting	Early September
II. DOCUMENTATION	
Facility Assessment & Programming	Mid-September
City Feedback	Late September
III. DESIGN - OPTIONAL CONSIDERATION	
Site Concepts Released & Design Review Meeting	Early October
Refined Concepts Released & Design Review Meeting	Mid-October
Draft Study Compiled for City Comment	Late October
IV. PRESENT FINDINGS	
Final Study Completed and Distributed	November 10
Presentation to Common Council	November 22

Notes:

1. A more detailed schedule will be developed at the onset of the work.
2. This is an approximate schedule; the final schedule may be adjusted to respond to the City's needs and desires.

COMPENSATION:

MSA/WTI MARSHFIELD SWIMMING POOL FACILITY STUDY		
	MSA/WTI	OTHER
BASE FEE	**$29,950** (242 approx. hours)	**$0**
OPTIONAL SERVICES		
OPTIONAL - Separate Field Review by HVAC, Electrical, Plumbing Engineers. ***NOTE:*** *Base fee already includes general review by an architect and consultation with HVAC, Electrical & Plumbing Engineers*	**$5,000**	**$0**
OPTIONAL – Exterior Building Design and Computer Modeling for Visioning and Promotion	**$6,000**	**$0**
OPTIONAL – Separate Economic & Management Subconsultant. ***Note:*** *Base fee already includes updating the previous operational budget. But this item is for third party services for an in-depth study. These services are typically recommended to remain independent of MSA/WTI and thus could be directly hired by the City.*	**$0**	**$15,000 - $20,000**

GENERAL:

1. Fee Structure:
   a. Fee shall include all expected reimbursable expenses.
   b. Fee may be on a time and material basis not to exceed for the amount listed.
   c. Fee may be on a Lump Sum basis for the amount listed.
2. This proposal remains valid for 60 days.
3. Upon your acceptance of this proposal, MSA shall prepare a Standard Professional Services Agreement.

CONFLICT OF INTEREST:

MSA is proud of the long-lasting relationships our project teams have developed with clients throughout Wisconsin. Engineering firms can, and often do, provide services to both municipalities and developers. However during such times that the developer's interests do not align with the community's, it is essential for you to have full faith and confidence in the support that you are receiving from your engineering team. At MSA, we recognize this and want you to know that, above all else, we are a Municipal Engineering firm first and foremost, and as such will only be working for you. Working only with the City will enable us to avoid any potential conflict of interest and puts our attention on you.

We will communicate openly and honestly with the City about any and all situations that have the potential to turn into a conflict of interest. We believe that our commitment to being up-front and honest with the communities we serve is truly the foundation of our success.