# Community Health – Wellness – Training - Recreation Aquatic Center Swansboro, NC and the Greater Crystal Coast



Image of Greensboro Country Club Swimming Pool

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The Aquatic Center exists to meet the aquatic health, safety, recreation, and competition needs of the citizens and visitors to the town of Swansboro, NC and surrounding areas

#### Mission & Vision Statement

Mission: To develop aquatic programs in the town of Swansboro Vision Statement: Build and manage a sustainable swimming pool that meets the needs of the community.



# **Executive Summary**

This Enterprise Plan describes the need for a new aquatic center in the town of Swansboro. The proposed new center would meet all ADA regulatory guidelines and thus many activities that would benefit the community can be offered.

This plan describes in detail what type of a new center is proposed, the estimated price range for the development and construction of a proposed center, and potential sources of income. Additionally, reference information is provided for further research.

#### **Current/Company Summary and Demographics**

The local community would strongly support a new center, as a new center will attract more participants in aquatic activities. This would help make the facility a community centerpiece that could help foster economic growth in the city and county. Also reference the Social Savings Impact information at the end of this document to see how this facility would greatly benefit the entire community.

#### **Products and Services**

The Aquatic Center is designed and will be programmed to meet the aquatic health, safety, recreation, and competition needs of Swansboro and surrounding areas. This Enterprise Plan will present the planning/programming for the pools and necessary land-supporting areas. Programming must precede design. Since 2004 the aquatic "wants and needs" of communities have changed. Aquatic facilities can no longer rely on day-pass recreation fees to financially sustain the facility. To address the modern communities' health and wellness and safety needs, focusing on offering Total Aquatic Programming has become the new successful model. This plan stresses the importance of the 4 Pillars of Aquatic Programming and the most effective way to bring this to the community.



There are various types of organizations/businesses who own facilities. The most common are Municipalities & Park Districts, Schools & Universities, Private Businesses such as Health Clubs and Swim Schools, and Swim Clubs. There are also partnerships between the above entities. Many times, the owners do not want to be fully involved in the aquatics business. This is when the business

plan and Feasibility Study becomes extremely important. All the **4 Pillars** can be offered as an "in house" program or as a water rental option as long as the person in charge (facility aquatic director) understands the importance of Risk Management, Program Operations, and Instructor Certification. Who you rent water to and contract to run programs is the most important component of sustainable aquatic programming. Water rental fees must recover all operational cost plus 15% to 20% profit.

Learn to Swim	Usually conducted using	Can be in house offered by
	National Curriculum and	facility or contracted out.
	Certification	
Adult membership-	Certified Instructors	Can be in house or
based programming	conducting classes or CAAP	contracted and run by an
- Fitness	programming	independent certified
		instructor
Rehab and Therapy	Some programs and use the	Usually conducted on a
	large cooler water pool until	water rental contracted basis
	Phase#2 with a warmer water	
	programming is completed	
Swim teams	Using the larger pool – USA	Can be in house or on a
	Swimming or US Masters	water rental basis to USA
	certified coaches plus High	Swim Clubs
	School teams	
Recreational swim	Properly life guarded and	Usually in house and
	monitored by Certified staff	requires a daily fee or
		membership
<b>Events and Parties</b>	Properly life guarded and	In house with a pool rental
	monitored by Certified staff	fee. Shared staff with
		facility and swim club
		hosting meets

Total Aquatic Programming – LLC offers on site workshops for staff training and program development <a href="https://totalaquatic.llc">https://totalaquatic.llc</a>



TAP also offers an Owners Advocate contract service for project and program development.

It is not unusual for a facility to use the pool for their selected "in house" programming and then contract out the other programs to qualified organizations. This is one of the best reasons for the multiple pool facility model. The more times that a pool is available for water rental, the more likely the operational cost for the pool can be supported by aquatic programming. The actual programming model can be covered by a formal feasibility study. For Feasibility we recommend: KevinPost@chh2o.com

#### Some of the more popular programs for each pool:

Programming pool	<u>Adult</u>	Learn to Swim	CAAP	Rehab	Warmer water
Phase #2	Exercise		<u>membership</u>	continuum	programming
Competitive main	Team rental	Competitions	Lap swimming	Recreation	Cool water
pool Outdoor Phase#1					<u>Programming</u>
Deep Water in any	Diving	Scuba	Syncro - Artistic	Deep water	<u>Lifeguard</u>
pool				programming	training
<b>Programming Pool</b>	Rehab &	Warm water	Adult Exercise	Pre-school	Special Needs
with proper design	Therapy	programming		programming	programming
Phase#2					

**Specific planned services** include (but are not limited to) the following:

#### Outdoor 6 lane 25 yard and 3 lane 50 meter pool connected

- Swim lessons- advanced
- Swim lessons-baby, kids, adults, special needs (depending on water temperature)
- Aquatic Exercise
- Therapy rehab and continuum programs
- Exercise Biking in water
- Walking lanes
- Wounded Warriors
- Lifeguard training
- Home School Programs
- Recreational events and activities
- Springboard diving and scuba and deep water exercise
- Other community-based programs as identified by a formal Programming Study and TAP workshops and training
- Therapy cooler water needs met
- Aquatic Exercise aerobic based
- Mini Clinics/Pool Chats
- *Lifeguard training*
- Required PE swim class partnerships school age
- Swim Teams-Club, Middle School, High School, Masters, USA Swimming
- Swim Meets-all above
- Deep water running
- Scuba
- Water polo
- Artistic Swimming
- Recreational events and parties

Many programs depend on Water Temperature – Pool Access – Depth requirements. The main pool needs some 4' water depth for it to be programmable. This will be a feature of design.

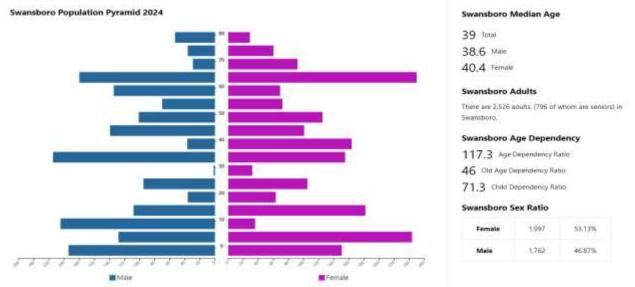
Some basic Demographic information is presented in the next few pages:



**Swansboro** is a town located in <u>Carteret County</u> and <u>Onslow County North</u> <u>Carolina</u>. Swansboro has a 2024 population of **4,264**. Swansboro is currently growing at a rate of 3.07% annually and its population has increased by 13.53% since the most recent census, which recorded a population of **3,756** in 2020.

The average household income in Swansboro is \$121,051 with a poverty rate of 13.83%. The median age in Swansboro is 39 years: 38.6 years for males, and 40.4 years for females.

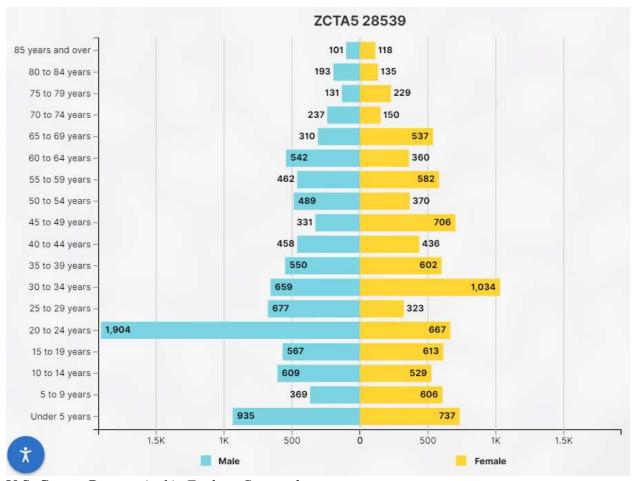
Race	Population	Percentage (of total)
White	3,212	85.45%
Two or more races	423	11.25%
Black or African American	74	1.97%
Asian	26	0.69%
Other race	24	0.64%
Native American	0	0%
Native Hawaiian or Pacific Islander	0	0%



*Swansboro*, *North Carolina Population 2024*. (n.d.). https://worldpopulationreview.com/us-cities/north-carolina/swansboro

**Hubert** is a town located in <u>Onslow County North Carolina</u>. Hubert has a 2020 Decennial Census population of **17,039**.

The average household income in Hubert is \$59,399 with a poverty rate of 13.9%. The median age in Hubert is 31.5 years.



 $\label{lem:u.s.} U.S.\ Census\ Bureau.\ (n.d.).\ \textit{Explore Census data}. \\ \text{https://data.census.gov/profile/ZCTA5\_28539?g=860XX00US28539\#populations-and-people}$ 

**Jacksonville** is a city located in <u>Onslow County North Carolina</u>. Jacksonville has a 2024 population of **72,198**. Jacksonville is currently declining at a rate of - 0.93% annually and its population has decreased by -3.64% since the most recent census, which recorded a population of **74,922** in 2020.

The average household income in Jacksonville is \$65,379 with a poverty rate of 15.45%. The median age in Jacksonville is 23.3 years: 22.3 years for males, and 27.5 years for females.

#### **Jacksonville Demographics**

According to the most recent ACS, the racial composition of Jacksonville was:

• White: 61.63%

Black or African American: 18.67%

• Two or more races: 13.34%

Asian: 2.87%

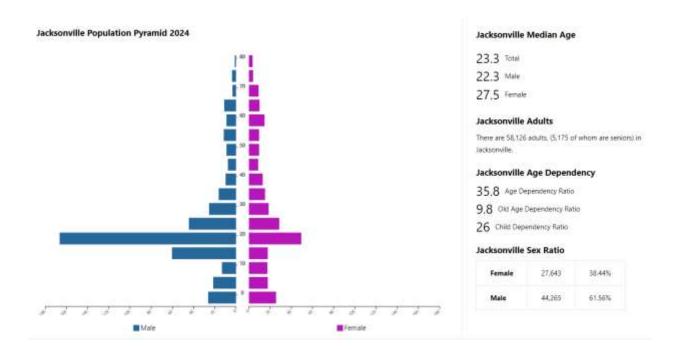
Other race: 2.37%

Native

NAMEY	MEDIAN	MEAN
Non Families	\$41,175	\$47,513
Married Families	\$60,733	\$-999,999,999
Households	\$50,185	\$65,379
Families	\$54,922	\$71,887

American: 0.86%

Native Hawaiian or Pacific Islander: 0.24%



*Swansboro*, *North Carolina Population 2024*. (n.d.). <a href="https://worldpopulationreview.com/us-cities/north-carolina/swansboro">https://worldpopulationreview.com/us-cities/north-carolina/swansboro</a>

**Cedar Point** is a town located in <u>Carteret County</u> and <u>Onslow County North</u> <u>Carolina</u>. Cedar Point has a 2024 population of **1,826**. Cedar Point is currently growing at a rate of 0.66% annually and its population has increased by 2.82% since the most recent census, which recorded a population of **1,776** in 2020.

The average household income in Cedar Point is \$111,437 with a poverty rate of 7.32%. The median age in Cedar Point is 41.8 years: 41.4 years for males, and 42.8 years for females.

#### **Cedar Point Demographics**

According to the most recent ACS, the racial composition of Cedar Point was:

• White: 93.36%

• Two or more races: 3.69%

• Other race: 1.23%

Black or African American: 1%

• Asian: 0.45%

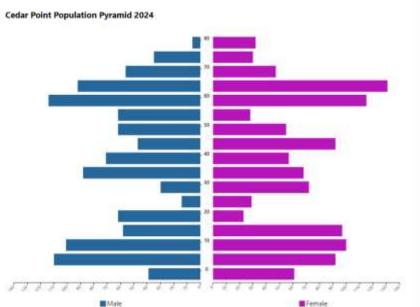
 Native Hawaiian or Pacific Islander: 0.27%

• Native American: 0%



RACE	POPULATION ~	PERCENTAGE (OF TOTAL)
White	2,052	9136%
Two or more races	81	3.69%
Other race	27	1.23%
Black or African American	22	1%
Asian	30	0.45%
Native Hawaiian or Pacific Islander	6	0.27%
Native American	0	0%

Cedar Point Median Age



41.8 Total
41.4 Male
42.8 Female

Cedar Point Adults
There are 1.571 adults, (451 of whom are seniors) in Cedar Point.

Cedar Point Age Dependency
96.3 Age Dependency Ratio
40.3 Old Age Dependency Ratio
56 Onlid Dependency Ratio

Cedar Point Sex Ratio

Female 1.145 \$2.0%

Male 1.053 47.91%

*Swansboro*, *North Carolina Population 2024*. (n.d.). https://worldpopulationreview.com/us-cities/north-carolina/swansboro Cape Carteret is a town located in <u>Carteret County</u> and <u>Onslow County North Carolina</u>. Cape Carteret has a 2024 population of **2,283**. Cape Carteret is currently growing at a rate of 0.57% annually and its population has increased by 2.38% since the most recent census, which recorded a population of **2,230** in 2020.

The average household income in Cape Carteret is \$86,126 with a poverty rate of 6.22%. The median age in Cape Carteret is 45.2 years: 47.3 years for males, and 42.1 years for females.

#### **Cape Carteret Demographics**

According to the most recent ACS, the racial composition of Cape Carteret was:

• White: 95.32%

• Two or more races: 4.07%

• Black or African American: 0.57%

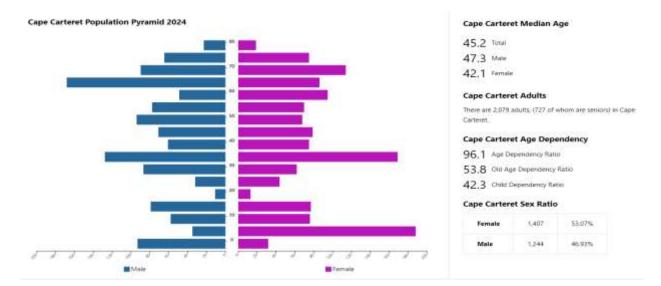
Native
American: 0.04%

Asian: 0%

 Native Hawaiian or Pacific Islander: 0%

• Other race: 0%





*Swansboro*, *North Carolina Population 2024*. (n.d.). https://worldpopulationreview.com/us-cities/north-carolina/swansboro

Using information developed by Club Industry and the Fitness Industry, the median income averages are well above what is needed for this type of facility. The population numbers of the area are also well above the necessary numbers. A full Feasibility Study by one of our approved firms can help establish size and scope of aquatic facility to be financially sustainable through Total Aquatic Programming.

When evaluating a specific area for programming options, median household income and basic population numbers are always important consideration. Growth potential for membership will be dependent on quality of programs offered and facility amenities. In many successful facilities, members will drive up to 45 minutes 2 to 3 times a week to take advantage of Aquatic Programs.

# **L2S Programs You**

L2S programs exist in many forms. Table 1 below lists examples of programs and agegroup specifications.

Table 1 – Learn to Swim Programs

Level	Description
	The objective of Level I is to help students feel comfortable in the water
Level I:	and to enjoy the water safely. In level I, you learn elementary aquatic
Water Acclamation	skills, which students build on as they progress through the Learn to
	Swim Program. At this level you also start developing good attitudes
	and safe practices around the water. Some students will have some
	experience with the water and may begin the program at a higher level.
	There are no prerequisites for this course.
	The objective of Level II is to give students success with fundamental
	skills. Students learn to float without support and to recover to a vertical
Level II:	position. This level marks the beginning of true locomotion skills and
Water Adaptation	adds to the self-help hand basic rescue skills begun in Level I. Students
	entering this course must have a Level I certificate or must be able to
	demonstrate all the completion requirements in Level I.
	The objective of Level III is to build on the skills in Level II by
	providing additional guided practice. You learn to coordinate the front
Level III:	crawl and back crawl. You are introduced to the elementary backstroke
Skills & Drills	and the fundamentals of treading water. Students also learn rules for
Skills & Dillis	safe diving and begin to learn to dive from the side of the pool. Students
	entering this course must have a Level II certificate or must be able to
	demonstrate all the completion requirements in Level II.

Table 1 – Learn to Swim Programs

Level	Table 1 – Learn to Swim Programs  Description
Level IV: Stroke Development	The objective of Level IV is to develop confidence in the strokes learned thus far and to improve other aquatic skills. Students will learn to increase their endurance by swimming familiar strokes (elementary backstroke, front crawl, and back crawl) for greater distances then at Level III. You are introduced to the breaststroke and sidestroke and the basics of turning the wall. Students entering this course must have a Level III certificate or must be able to demonstrate all the completion requirements in Level III.
Level V: Stroke Refinement	The objective of Level V is coordination and refinement of key strokes. You are introduced to the butterfly stroke, open turns, the feet-first surface dive, and springboard diving. Participants learn to perform the front crawl and back crawl for increased distances and to perform the sidestroke and breaststroke. Students entering this course must have a Level IV certificate or must be able to demonstrate all the course requirements in Level IV.
Level VI: Skill Proficiency	The objective of Level VI is to polish strokes, so students swim them with more ease, efficiency, power, and smoothness over greater distances. Students develop considerable endurance by the end of this course. You are introduced to additional turns as well as the pike and tuck surface dives. Students entering this course must have a Level V certificate or must be able to demonstrate all the skill required to complete Level V.
Level VII: Advanced Skills	The objective of Level VII is to perfect strokes and to develop good fitness habits. You are urged to use aquatic activities throughout life to maintain your physical condition. You learn springboard diving and advanced rescue skills. Other aquatic activities are introduced at this level: polo, and synchronized swimming. Participants entering this course must have a Level VI certificate or must be able to demonstrate all the completion requirements in Level VI.
Parent/Infant: 6 – 36 Months	Parents MUST accompany the child in the water. Skills to be taught to the parents will be holding positions and when to use them, the importance, or cues and how to use them and roles for helping the child learn and practice skills appropriate for his or her age. There is also an introduction on lifejackets and basic safety skills.
Tots: 3 – 5 Years	This class helps to improve the skills children have learned and to introduce more advanced skills. They will be taught water adjustment, exploring the pool, kicks, floats glides, underwater exploration, and water exit. For some tots, especially those who have not had water experiences or who show fear, it may be helpful to start them out in the Parent/Infant class and let them progress at their own speed.

Table 1 – Learn to Swim Programs

Level	Description
Adult Lessons	Adults may avoid learning to swim for some reasons. The most common reasons are fear of losing control, fear of drowning, and anxiety about not being able to breathe, and fear of not being able to get back to safety. This course helps to reduce these frustrations and fears. This course will allow you to pursue your own interests and own decisions about what you want to learn or accomplish.
Water Exercise	Will help improve your health and fitness. This program offers an excellent warm-up, aerobic set, and cool-down activities for the upper, middle and lower body.
Open water transition training	A special course that focuses on pool training to prepare all ages for the unpredictable open water things that can happen in oceans, rivers, and lakes. <a href="https://www.swim4lifecolorado.com/">https://www.swim4lifecolorado.com/</a>

#### **Masters Programs**

"United States Masters Swimming (USMS) is an organization of sportswomen and sportsmen founded in 1970 and dedicated to the premise that the lives of participants will be enhanced through aquatic physical conditioning." To that end, USMS has set its mission "To promote fitness and health in adults by offering and supporting Masters swimming programs."



Less than one-third of USMS swimmers identify themselves as "competitors" — but they all swim because they love swimming and want to be fit. Swimming is one of the most popular forms of aerobic exercise, and it is an excellent activity for anyone who wishes to get fit and stay fit. USMS provides resources and activities to help swimmers maintain a lifelong interest in swimming. The USMS Fitness Committee is dedicated to studying and developing fitness swimming activities for the general membership at the national level. This committee is also dedicated to providing resources to educate adults on the fitness benefits of swimming.

### Adult exercise and continuum programs (After rehab and therapy)

The purpose of adult aquatic programming is to hasten the rehabilitation process through the use of the physical properties of water, improve the client's ability to perform daily activities, and provide a safe environment for practicing a healthy lifestyle. CAAP (Convenient Access Aquatic Programming) programs can include the following:

- Initial evaluation
- Individualized aquatic exercises and techniques

- Periodic reassessment to ensure progression towards the goals
- Progression to a continuum membership-based program.

The following physical properties of water assist with an aquatic program:

- Buoyancy
- · Reduces weight on painful joints
- Assists movement
- · Warm Water
- Increases blood flow to muscles
- Improves flexibility
- Hydrostatic Pressure
- · Reduces swelling
- Viscosity
- Increases body awareness
- · Offers a resistive force
- Turbulence
- Sensory overload decreases pain perception

The mission of the CAAP program is as follows:

Through the use of the highest level of skills and the physical properties of water, programs will do the following:

- Progress you to your maximum level of functional independence
- Encourage you to maintain your functional level by participating in a fitness program
- Prevent injury or re-injury
- Improve coordination.
- Learn to change positions and walk safely on level and unleveled surfaces and ramps.
- Learn proper walking and movement patterns in water.
- Help to deal with fibromyalgia or neurological disorders

These are facility-run programs administered by certified professionals on a membership basis. More information on the CAAP, FINE, or WOE programs is available on request.

#### **Recreational Events and Activities**

Aquatic centers and swimming pools offer many recreational activities for the community. Most activities involve all age groups and are safe and enjoyable for the entire family.

Recreational activities at aquatic centers include the following:

- Swimming activities for all ages
- ❖ Aerobics and exercise training in an aquatic environment



- Parties and pool rentals
- **Swim** in movies
- ❖ Family swim nights and weekends with inflatable features in water

fun-

Both pools will be capable of hosting recreational activities on the weekends so one pool can be open for members if the other pool is rented out for a party or event.

# **Safety and Rescue Training**

Through TAP and its industry partners (Red Cross, Swim America, Starfish, etc.), programs like the Foundations may be available for the community. Children's and Adults' water safety and learning to swim must be a priority for this community.



# **Market Analysis Summary**

Why do we need an Aquatic Center?

- Focus on local needs of Swansboro, NC and surrounding areas
- Past surveys have indicated it is the most requested amenity to be incorporated

- Population has more than doubled and current recreational opportunities have not kept pace
- Overall fitness, and national fitness trends are important
- ♦ Competition limited market underserved
- Currently no education offered in the area of safe swimming
- ♦ More opportunities for EC, Elderly, and Physically handicapped population should be developed to provide a more inclusive environment in the town

#### **Description of Proposed Center**

The proposed aquatic center will require approximately 4 acres to meet the currently defined needs. This will allow some options for future expansion depending on the final design and location of the facility in relation to roads and other land features. If more land is available, the facility can be designed with potential expansion (Phase#2). Daily and event-based parking requirements must also be considered, and codes must be met. The proposed center may consist of a building with 4,000 to 5,000 square feet of usable space for land amenities. The Phase #1 outdoor pool will be a combination of a 6 to 8-lane 25-yard pool with a zero-depth recreational area that may include a water slide. The indoor building will have a meeting room, shower, changing rooms, and facilities support areas. Moderate outdoor spectator seating is included in the overall cost, and the number of seats will depend on the final budget. If larger meets are desired, the footprint of the building and deck areas may increase to accommodate projected needs.

# **Management Summary**

The management team of this aquatic center consists of the following individuals:

#### **Executive Director and/or Board of Directors**

**Facility Director or Manager** responsible for staff and operations including =

Facility Business Supervisor responsible for =

Billing, Membership, Advertising, Rentals

**Aquatic Programs Coordinator** responsible for =

Make a Splash, Swim Team, Community Access, Water Rental, Events

**Facility Operations Supervisor** responsible for =

Guards, Safety, Maintenance and Operations, Equipment

**Land Wellness Coordinator** if applicable =

Health Club, Exercise Areas, Facility Customer Service Staff

#### **Financial Plan**

The space (land) required for the proposed aquatic center will be approximately 4 acres, depending on the potential for future expansion. This plan does not discuss various location options. That will be part of a formal feasibility study (if needed) and design with engineers leading the discussions. Operating costs will play a significant role in the financial planning of the proposed center. Initial funding (capital start-up dollars) will be required until the center achieves self-sufficiency. Estimated operating costs and anticipated income from the center are also considered.

The following facility cost estimate information is provided by Total Aquatic Programming-LLC and its partners. This Enterprise Plan does not replace the need for a business plan or a feasibility study, and the dollar amounts presented should not be considered quotes.

The proposed facility is for an approximately 20,000-person population base, and the budget may require the project to be done in Phases. The facility, as presented, will, however, easily service up to 40,000 people within a 20-minute drive.

#### Pool #1: Phase 1 Outdoors

6 to 8 lane 25 yard pool (4,800 square feet) with connected area for recreational use (1,800 square feet) = 6,600 square feet = \$2,640,000

1 meter diving and Duraflex diving stand and Maxiflex diving board = \$40,000

Water slide size and style to be determined = \$300,000

T = Temperature 81 to 83 degrees

A = Access ramped entry with stairs in programming area

D = Depths ranging from 42" to necessary programming depths – Diving area will be 13' deep

Construction estimates with all operational equipment for pool as above. \$2,980,000













#### **Stainless Steel pool technology**

#### Myrtha Technology - Defining value · Long life & Durability Low Maintenance- Ease of cleaning Low through-life costs- No need to replaster, repaint and re-tile **Water Tight** Speed of Construction Low Weight compared to concrete 25/10 Warranty · Custom Design & Engineering Turn Key/Design Build Experience Sustainable Design-LEED and Reduced Carbon Footprint CUSTOM **Industry Relationships Precision in Design and Construction Engineer of Record** Coordination with other vendors products CFD Analysis (Performance and Disinfection) Accoutsic Advantages WATERPROOF Specialized Partners- Fountains/TAC · Flexibility in Construction Schedule **BUILD A POOL M**

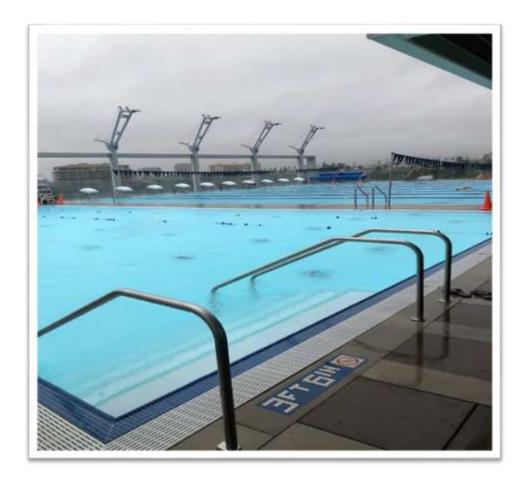




#### Deck seating and spectator seating

When the budget has been identified, seating requirements can be narrowed down. Every seat requires a specific square foot of deck area be added. We have budgeted 200 on deck tilt up aluminum bleachers for athletes and ~400 permanent deck level or bleachers for spectators. A higher bleacher area can be designed, and storage and offices built underneath the stands.

Added deck area and bleachers budget = \$250,000 8' to 10' high security fencing and outdoor LED pole lights = \$300,000



## **Structure - Options**

4,000 to 5,000 square feet is the recommended minimum square footage for the shower rooms and indoor supporting areas. The plan can be engineered with more-or-less space, but programs may then be affected. The Phase #1 design needs to be compatible with expansion planned in Phase #2 if that is a future possibility.

#### PROGRAMMING PRECEDES DESIGN

The cost for the actual building/structure will vary greatly with location and local contractors so we have included a "place holder" cost for block building construction. Estimate = \$1,200,000

**The deck areas** on the sides of the pool should be a minimum of 15 feet in width. A minimum of 18 feet is recommended at the starting block end. If deck level bleacher seating is included, then wider decks will be needed.

**The gutter system** on the outdoor pool may be a fully recessed gutter at the turning ends of the pool or may be a deck level gutter. Gutter profiles will be discussed in the final design phase of the project.

We have included some dollars in budget for specific areas in the general building "build-out" and FFE.

- Bleacher seating for spectators and swimmers on deck the final number of seats will be decided by the Aquatic Engineer and will be based on type of meets that will be held, and square footage budget numbers.
- Pool decks at 12 to 15 feet wide along sides and 18 feet behind starting blocks with additional deck area for bleacher seating.
- Offices and meeting room and community room
- Laundry room and staff area
- Filter and Equipment areas
- Storage rooms/areas
- Lobby and vending area
- Shower and dressing areas

#### **General Concepts:**

*In the dressing and shower rooms "codes will prevail" but at least:* 

1 toilet and 1 urinal for every 75 males using facility

1 toilet for every 40 females using facility

1 sink for every 150 people using facility

All showers must be privacy stalls - no gang showers

At least 8 separate shower/restrooms will be needed for this facility:

2 = 1 members Male and 1 Female larger shower room

2 = unisex changing/bathroom areas (smaller)

2 = 1 Male 1 Female staff shower/rest rooms (smaller)

2 = 1 Male and 1 Female dry side restrooms (may need more depending on building design

8 on deck rinse stations (showers) will be needed for outdoor pool.
15% of the total pool area should be set aside for secured and protected storage
10% of the total pool area should be set aside for filters & equipment
Parking codes need to be considered

# **Supporting areas comments:**



On deck rinse stations are necessary and convenient for patrons.



All decks and flooring in the "wet part" of the facility will be non-slip surfaces. Either broom finished concrete floors or synthetic coatings work best. This will be decided by budget.





Storage rooms and areas need to be well vented with floor drains and pocket type sliding doors to maximize space.

Timing systems and scoreboards can greatly vary in price depending on options and score board size and feature selections. We have not included a place-holder \$ amount for any timing system. Many times this equipment is donated or sponsored from local businesses. We recommend Colorado Timing systems.

The pools should always be covered when not in use for any length of time - e.g. overnight. This saves wear and tear on all equipment and save up to 40% on water heating, electricity, and pool chemicals.





Pool filter area will be designed with the most advanced "green" technology available. Regenerative pool filters, automatic chlorine feeders and pH control, and high efficiency pool heaters have all be <u>included in the pricing</u>. The pool equipment area will be open air with a security fence, a roof to protect from sun/weather, and a sound buffer to keep noise at a minimum from pool area.













# Swansboro Aquatic Center Estimated Cost information – Phase #1

Land?					

Pool #1 Community/Competition pool 8 x short course lanes with dedicated recreational area. Includes 1 meter Duraflex diving board and recreational water slide

**Sub-totals pools** = \$2,980,000 (*Includes all operational equipment – best quality – energy efficient*)

Building for dressing and supporting areas ~4,000 Square Feet = \$1,200,000

Fence and lighting for outdoors \$550,000

FFE (Furnishing Fixtures & Equipment) = \$800,000

#### **Sub-Total** = \$5,530,000

AE Cost (Design and engineering)	~ 8%	\$520,000
Contingency	~ 5%	250,000
Startup (includes staff hiring and training 6 weeks prior to opening)		\$100,000
Legal/permitting/Etc.		\$25,000
Soft Cost total for project		\$895,000

# Total Project ball park estimate = \$7,320,000

The above pricing estimates are based off standard commercial building in the area. They may not include all of the General Contractor mark ups or specific union wage considerations. The above estimates also do not include any cost for the exterior of the building such as road lights, signs, parking, landscaping, etc. Prices escalate at an average of 5% to 8% per year so that has to be taken into account when budgeting. These budget figures were established in July 2024.

The primary objective of this Enterprise Plan is to obtain the necessary funding and support for the initial development and construction of the aquatic center. If the aquatic center is a not-forprofit entity, it can be eligible to solicit tax-deductible funding sources.

Potential funding sources include the following:

- Existing capital
- Commercial loans
- Private philanthropic organizations
- Local bond issues
- Grants
- Hospitals and other health care organizations wishing to conduct aquatic modalities & programs.
- Fund drives and other fundraising activities

# **Steps to gathering your financial thought process:**How many square feet can you afford and support? Total Aquatic Programming model

	<del>,</del>		1
	1x 25 yd 8 lane main pool with		
	recreational area attached		
	Includes diving hopper & slide		
	Dressing rooms – lobby – offices		
	<ul> <li>land specific areas</li> </ul>		
Direct	seasonal climate		\$425,700.00
Operational			annually
Cost			·
Details	Office	\$6,000	
	Phone	\$5,000	
	InfoTech	\$12,000	
	Uniforms	\$1,200	
	MemberSupplies	2,500	
	Books	\$900	
	MiscSupplies	\$2,400	
	MaintSupplies	\$5,500	
	EquipRent	\$500	
	EquipRepair	\$2,500	
	MaintContract	\$15,000	
	Utilities & pool chemicals	\$242,000	
	Postage	\$2,200	
	LegalFees	\$2,500	
	Insurance	\$28,000	
	Depreciation	\$38,000	
	Advertising	\$10,000	
	Seminars	\$4,000	
	PublicRelat	\$4,000	
	Dues&Subscr	\$1,500	
	Reserve – Invisible Employee from BAP	\$40,000	
	Treserve Invisione Employee from Em	Annual	
		sub-	
		total>	\$425,700
		total>	Ψ+23,700
		<u> </u>	1

Salaries for			
aquatic center	Open 70+ hours a week		
Position	Customer Service Techs (Guards)	8	\$15 per hr
		Extension>	\$120 per hr
	Program Coordinator	1	\$20 per hr
	Manager level	1	\$30 per hr
		SubTot>	\$170 per hr
		Annual	\$353,600
	Benefits can be added here	30%	\$106,080
	Annualized salaries w/benefits		\$459,680
	Annualized expense budget		
	Does not include taxes –		
	depreciation – debt payments		
			\$883,680
Potential			
programming	Income –		Annual
	Competitive – Lane rental		\$161,000
	Learn 2 Swim		\$350,000
	CAAP – membership based on		
	500 members		\$345,000
	Pool rental		\$75,000
	Misc		\$20,000
	Income projected total based on		
	Total Aquatic Programming model		\$951,000
	Details below		

# **Programming information and options:**

Open swim or recreational swims are not considered "programming" although it generates some income.

It will not be used in our discussion since we want predictable income programs in the pools.

- 1. Learn to swim programs successfully operate by offering lessons in 3 categories:
  - a. Private or custom class = cost example \$38 per student per 30 minutes
  - b. Semi-private or 2:1 class = cost example \$19 per student 2 per 30-minute class
  - c. Small group classes 4-5-6:1 = cost example \$9 per student 4-6 per 30-minute class

The target market for these lessons:

- 1. Home schooled students between the hours of 9AM and 3PM
- 2. Day care centers between the hours of 9AM and 1PM
- 3. Private schools that may be in close proximity to the pool and can incorporate swimming into their PE curriculum.
- 4. Special needs children (grant possibilities)
- 5. School age classes in all 3 categories 4PM to 8PM and on Saturday 8AM to 5PM.

Projected weekly income for the Learn-to swim classes \$6.000 week the first 6 months of operation. Potential for 15% growth every 6 months thereafter for 3 years. Then annual growth at 8% until facility is maxed out because of pool size restrictions.

#### 2. Adult exercise programming throughout week using CAAP format

Strategically designed and implemented adult fitness programs have been slowly going through some powerful changes that will help develop sustainable programs for aquatic centers to meet their operational cost. We have been on the cutting edge of working with WeCoach and Total Aquatic Programming LLC, which engages aquatic centers with the newly structed programs. This program is very flexible for both the community members and the aquatic center's staff.

We are working with aquatic centers to develop a program that promotes "Positive Aspects of a Water Wellness Program" verses just offering exercise classes

We recommend all our projects investigate this type of program instead of copying what is currently being offered. To learn more contact Sue Nelson <a href="mailto:snelson@totalaquatic.llc">snelson@totalaquatic.llc</a>

Aquatic programming – adult CAAP

- a. Fees based on monthly membership/access =
- b. 50 members @ \$49 to \$69 per month (increasing these base numbers has unlimited potential.
  - Facility size and learn to swim programming will be the only consideration)
- c. Private aquatic personal training 30-minute sessions \$35 per 30 minutes

Rehab and Therapy based on water rental @ \$35 per hour per lane –

Monday through Friday 8AM to 4 PM based off 20 hours per week

The typical weekday would look something like this:

5:30 or 6:00 AM weekday morning adult CAAP programming arrive and have access to a pool			
from 5:30 to 8:45 AM			
9AM swim lessons start, and different groups come and go throughout the day			
8AM the therapy (lanes) open and stay open (if scheduled) until 4 PM –			
If a dedicated small pool is designed, then his pool can be used for private lessons after 4:00 PM			
or when not scheduled for rehab			
Weekend options for party rental plus learn to swim classes			
8AM to 6 PM and adult CAAP programming based on membership.			



#### Program income & growth potential

Programs Pillars	Monthly Net Income	Numbers	Annual Sub Total	Extension Annual	Cost		
L2S Small Group	\$6200	160	\$74,000		\$9 Per Les \$36 Per M		
L2S Spotlight	\$7900	96	\$95,000		\$19 Per Les \$76 Per M		
L2S Custom	\$1400	36	\$17,000	\$186,000 X5 potential	\$38 Per Les \$152 PerM	20%	
Therapy Rental	\$9000	2080 hrs	\$104,000	\$104,000	\$35 per ½ hour	10%	T
Facility Member- ships	\$4000	880	\$48,000	\$48,000	\$55 Per Yr \$99 Per Yr		
WOE Programs	\$28,300	480	\$340,000		\$59 Per Mth average		
AqPerson Training	\$5200	137	\$62,000		\$38 per 1/2 hour		
Misc services	\$7200	480	\$86,000	\$488,000 X2 potential	Lockers Towels Etc	50%	T
Rental Team and Parties	\$14,400	8 lanes 5 hours a day 6 days week	\$173,000	\$173,000	\$14 per SC Lane per hour	20%	T

\$951,000



Above information from Build a Pool Conference

#### Summary key points:

- \* The Phase#1 facility for your demographics will cost just under \$7.32 million dollars not including any land cost or development.
- \* Programming income has the potential at the 3 year mark to be well above the start-up predictions.
- \* As the programs grow staffing will also need to be increased.
- \* The facility should be financially self-sustaining from the opening. The business plan will show that the facility <u>cannot</u> be responsible for total debt service so fundraising or equity partners will play an important role.

### **References and Additional Information**

#### Addendum 1 .....

**Economic Impact:** Economic impact analysis (EIA) examines the effect of a program/project or event on the economy of a given area. The area can range from a neighborhood to the entire county. Economic impact is usually measured in terms of changes in economic growth (output or value added) and associated changes in jobs (employment) and income (wages). This is not money that goes to the actual project and income. It is community dollars spent during events and programs.

The analysis typically measures or estimates the level of economic activity occurring at a given time with the project and calculating the difference from what would otherwise be expected if the project did not occur (which is referred to as the counterfactual case). This analysis can be done either before or after the fact (ex ante or ex post). The term economic impact can be applied to analysis of the economic contribution of a given activity or project to the existing local economy.

<u>Example #1</u>.....Waynesboro – "Swim meet gives Valley a financial boost - Event draws money from outside the area" By Trevor Brown/staff • <u>tbrown@newsleader.com</u>

Each year just before the start of summer, local hotels, restaurants and other businesses count on an uptick in sales as the swim meets bring scores of residents from throughout the state to the area. "It is definitely something positive for us, and it is something we look forward to each year," said Whitney Cannata, general manager at the Waynesboro/Stuarts Draft Hampton Inn. "We know when we get into the middle of June that means the swim teams are coming." An estimated 1,500 to 2,000 visitors are expected in the city this weekend for the annual swimming contest that is conducted today through Sunday at War Memorial Pool in Waynesboro.

Several business owners said they expect a noticeable increase in revenue as a result of the influx of people the event brings. Waynesboro Economic Development Director Greg Hitchin said the tourism money carries an extra impact to the city. "The money spent over this weekend will be more than what normally is spent by residents," Hitchin said, "But outside monies coming in by having people fill hotel rooms and restaurants, which contributes to higher room and meal taxes, also increases its importance (to the city's tax base)."

Rob Rule, who is co-director of the swim meet, said over 500 swimmers registered for this weekend's meet. When parents, friends, coaches and officials are factored in, he said as many as 2,000 people could be expected for the event.

Cannata, along with Aaron Cash, the front office manager at the Waynesboro Best Western Inn and Suites, agreed they are booking lots of rooms to swimmers and families and the business is more than welcome. Most business owners said the added customers are good news. "We are excited (about the increase in business) especially because of the economy and the way it is," said Judy Scotto, owner of Scotto's Italian Restaurant & Pizzeria, which serves special pasta salad dishes to swimmers the night before their meets. "We do see a little downtime right at the beginning of the summer with people leaving for vacations, so it is a good time to have a pick-up in business."

**Example #2**: ..... The Greensboro Aquatic Center is celebrating its one-year anniversary this week, and the employees said they are making a big splash in the local economy. The Greensboro Area Convention and Visitor's Bureau projects that the Greensboro Aquatic Center had a local impact of over \$5,000,000 in the facility's first year of operation. "Having hosted multiple meets we've been busier than we even anticipated this first year," said GAC Director Susan Braman. Miller said the economic impact in this first year alone makes the \$18 million price tag for the facility well worth it.

"I actually feel the pool should have been here five or six years ago, but we had to go through all the right procedures," Miller said. "Great things are happening here. This is going to put Greensboro on the map." Braman said the average citizen is welcome to use this facility too, either as a visitor or a member. Memberships at the Greensboro Aquatic Center start at \$59 per month for individuals. Families can sign up for monthly and yearly memberships. Daily passes are \$6.

#### Additional Resources, comparison, and examples from Case Studies:

#### Amery Wisconsin Case Study (correction from master plan):

https://amerywisconsin.org/DocumentCenter/View/952/Water-Recreation-Study

#### Conclusion

"Based upon the results of this study, the City of Amery should strongly consider developing more water recreation options while making its current options more enticing. Primarily, the City should consider building a community pool and/or splash pad while improving and upgrading its beaches. While such a project will not be cheap, it is in my opinion that the benefits to the community as a whole outweigh the cons (mainly the cost).

When considering relocating to a community, people consider what amenities are available to them. When a business considers whether they should locate themselves in a community, they want to know if that community will be a benefit for attracting quality employees. And for those choosing to visit a community over another, they do so because that community offers more amenities than another.

The benefits of additional recreation options (and in this case water recreation options) is would be beneficial to the community socially, economically, and physically."

Chanski, D.C. MPA (n.d.). City of Amery Water Recreation Study. In Sponsored by: Amery Community Foundation (Ed.), <a href="https://amerywisconsin.org/DocumentCenter/View/952/Water-Recreation-Study">https://amerywisconsin.org/DocumentCenter/View/952/Water-Recreation-Study</a>. Retrieved October 20, 2024, from <a href="https://amerywisconsin.org/DocumentCenter/View/952/Water-Recreation-Study">https://amerywisconsin.org/DocumentCenter/View/952/Water-Recreation-Study</a>

#### **Grundy Family Aquatic Center**

https://theswimmingacademy.com/pool/grundy-family-aquatic-center/

population in 1997 – 2,591 population as of 2020 – 2,796 Median household income in 2021 - \$79,331



Photo of Grundy Family Aquatic Center in Grundy Center, Iowa (€ Google Maps)

Most cities have formulas they use to predict Economic Impact. Below is a sample of a swim meet calculation:

# **Invitational type USA Meet economic impact (per meet)**

Swimmers Spectators with swimmers Total input per day	600 900 1500	
Days for meet Total input for meet	3 4500	

# \$ spent by families

Restaurants \$202,500 figured at \$45 per day per person

Motels \$88,000 figured at \$110 per day for 2 days per family

Misc \$15,000 fuel, snacks, rentals, shopping, etc.

<b>Total predicted</b>	\$305,500
<b>Economic</b>	
impact per	
meet	

We hear a lot about the "Economic Impact" that swim events and other activities can have on a community and the facility or club can also realize some income from tracking Economic Impact and soliciting local business sponsorships for events. These can be significant sponsorships for naming rights for events or sections of the facility itself or can be support for heat sheet ads or signage advertising throughout the facility. EIA is only tracked during special events the facility host which may be only 20 to 30 days a year, usually on weekends. There is another very valuable impact that goes on 365 days a year. It is called Social Savings Impact (SSI) and can be especially appealing to schools and cities.

**Social Savings Impact** benefits are shared throughout the community. The Aquatic Center directly helps .....

- The citizens and families themselves live a healthier lifestyle which makes everyone more productive.
- Organizations can spend their community support dollars more effectively since the community as a whole is healthier.
- All businesses can realize a savings with more healthy and active citizens in the workplace and the shopping force.
- Non-profits, especially in the medical community, can redirect some dollars to preventative care.
- Schools can be the beneficiary of a healthier and more socially responsible student body and staff.
- The government of the community can redirect dollars towards needed services such and streets and parks with fewer dollars spent on solving social challenges.

So when talking with potential school or municipal partners, don't forget to spend some time talking about the importance of **Social Savings Impact** which can translate into millions of dollars for the community.

Below is a slide from the USA Swimming Regional Build a Pool Conference that help sum up the importance of SSI:



Additional addendums (headings) below should be created and included with this Enterprise Plan by the project committee:

- Committee names and information
- Program and rental commitments
- Letters of support from:
  - o Day cares –
  - o Home school groups-
  - Other schools -
  - o Businesses –
  - o Organizations –
  - o High profile citizens and public officials

This Enterprise Plan is developed by Mick & Sue Nelson

## **Total Aquatic Programming LLC**

mick@totalaquatic.llc snelson@totalaquatic.llc www.totalaquatic.llc with revisions made by Matthew Prane Next Level Aquatics Non Profit Organization NLAiBWB@gmail.com

Additional resources and information specific to this project collected from:

TAP-LLC = Total Aquatic Programming	Page 1
On site staff training and program	
development workshops – project	Title male we seems on
review services – owners advocacy	
719-238-1381 mick@totalaquatic.llc	www.totalaquatc.llc
719-238-1561 snelson@totalaquatc.llc	

#### **DREAM TEAM PARTNERS**

Category/Service	Name	Contact Info
Facility Design – Engineering – Feasibility Studies – Facility Management and consultants  Counsilman Hunsaker	Counsilman Hunsaker Aquatics for Life Suite 110 Lakewood, CO 80122  Founding Partner National Build and Program a Pool Conferences	www.counsilmanhunsaker.com kevinpost@chh2o.com Phone 303-384-9500
Category/Service	Name	Contact Info
Pool and Deck Equipment	Spectrum Aquatics Lisa Adams 7100 Spectrum Lane Missoula, MT 59808	www.spectrumaquatics.com Lisa.Adams@spectrumproducts.com Phone 800-791-8056
SPECTRUM Aquatics	TAP Charter Partner National Build and Program a Pool Conferences	

Category/Service	Name	Contact Info
Innovative Pool Filtration Systems, Splash Pads, Custom	AquaWorx Sylvia Bucklew 10601 Oak Street NE	www.aquaworxusa.com Sylvia.Bucklew@aquaworxus a.com
Waterslides & More	St. Petersburg, Florida 33716	Phone 888-426-8511
a [ 1] ANGONITE German	TAP Charter Partner National Build and Program a Pool Conferences	

Category/Service	Name	Contact Info
Sprays – Play	Water Odyssey Tina Montablano	www.waterodyssey.com tinam@coloradotime.com
Structures – Slides - Compelling Aquatic	1551 E. 11 <sup>th</sup> Street Loveland, CO 80537	Phone 800-279-0111
Play Experiences		
WATER ODVSSEY  FOR THE PROPERTY OF THE PROPERT	TAP Charter Partner National Build and Program a Pool Conferences	

Category/Service	Name	Contact Info
Stainless Steel Pools  – Starting Blocks – RenoVac pool renovations	Myrtha Pools USA Mike Mintenko – Director of Sales	www.myrthapools.com mike.mintenko@myrthapool s.com Phone - <b>719-237-9019</b>
Myrtha Pools MATER, VISION, CREATION.	TAP GOLD Partner National Build and Program a Pool Conferences	

Category/Service	Name	Contact Info
Pools – all sizes	RenoSys Corp.	www.renosys.com
shapes and types.	Jason Mart	jasonm@renosys.com
Vanguard pre-	2825 East 55 <sup>th</sup> Place	Phone 800-783-7005
engineered pools.	Indianapolis, IN 46220	
<b>Pool Renovations</b>		
and pool decking &		
floors.		
RenoSys*		
	TAP GOLD Partner	
	National Build and Program a	
	<b>Pool Conferences</b>	

Category/Service	Name	Contact Info
OLC Architecture,	OLC Architecture, Interiors, and	www.olcdesigns.com
Interiors, and	Aquatics.	jross@olcdesigns.com
Aquatics.	2000 Lawrence Street	
	Denver, CO 80205	
		Phone O: 303-294-9244
		M: 303-886-4084
OLC  Architecture   Interiors   Aquati	TAP SILVER Partner National Build and Program a Pool Conferences	

Category/Service	Name	Contact Info
Pool Filters and Circulation UV and Water Treatment	Neptune Benson, Xylem Scott Hyland	Neptune Benson (evoqua.com) scott.hyland@xylem.com Phone 401-821-2200
xylem Let's Solve Water	Neptune Benson (evoqua.com)  TAP SILVER Partner	

	National Build and Program a Pool Conferences	
Category/Service	Name	Contact Info
Pool Heaters and Valves  SENTRY	Sentry Aquatic Innovations Taylor Stone 13420 Bittersweet Rd Woodward, IA 50276	www.sentryaquatics.com sales@sentryaquatics.com Phone 253-254-1167
ACHILATICI BANCYS TONIS	TAP BRONZE Partner National Build and Program a Pool Conferences	

Category/Service	Name	Contact Info
Lane Lines, Removable Walls, Everything Water	Malmsten Inc. Mikael Orn 8260 S. Kyrene Rd. Suite B104	www.malmsten.com mikael@malmsten.com Phone 855-879-8270
Polo, Swedish Goggles	Tempe, AZ 85284  TAP BRONZE Partner National Build and Program a	
Malmsten		

Total Aquatic Programming suggests that the project team investigates the potential of utilizing reputable pool builders and suppliers located near North Carolina. We have confidence in Paddock Pool <a href="https://www.paddockpoolequipment.com/">https://www.paddockpoolequipment.com/</a> as a company.

# Enterprise Plan developed for Swansboro, NC July 2024 and updated Census data October 2024

Top Left Photo - Air Force - Top Right Photo - Veterans Exercising





Left Photo Teens Swim Lessons – Right Photo School Age Swim Lessons





Left Photo - Aquatic Rehab - Right Photo - Adult Aquatic Spinning Class



