



**USA SWIMMING**  
**Open Water Meet Application**

Page 1 of 6

Revised 07-06-11 SRL

Before the LSC Sanction Chair is permitted to issue a sanction for an open water swimming event, approval of the meet plan must be obtained from USA Swimming. This application outlines the necessary elements of the meet plan. Completing the application does not automatically grant you approval of the meet plan. Failure to include all aspects requested in the application will automatically cause the application to be denied. The meet plan will be reviewed by a designated open water zone representative who will issue an approval or a denial within one week of receipt. If not approved, the reason(s) will be supplied so that the applicant can take the necessary remedial actions.

The following items must be submitted:

1. Application for Sanction (per LSC)
2. Application for Open Water Meet
3. Meet Announcement
4. Water Quality Certification (website references are acceptable with URL)

Submit to LSC Sanction Chair per established local rules. The Independent Safety Monitor shall be selected by the designated representative within the LSC, independent of the Local Organizing Committee. The LSC Sanction Chair is required to submit the packet and the name of the Independent Safety Monitor to the designated open water zone representative for approval. Be certain to allow for the extra time this will take (approximately 1 week). Local sanction fees apply.

INDEPENDENT SAFETY MONITOR (Selected by the LSC)	
Name of Independent Safety Monitor:	
Phone: (    )    -	E-mail:
Qualifications (Check one): <input type="checkbox"/> Experienced Open Water Meet Director Please list experience: _____ <input type="checkbox"/> Experienced Open Water Referee Please list experience: _____ <input type="checkbox"/> Position in Lifeguard/Water Safety Management (prefer open water experience) Please list experience: _____	
Selected by (Name & Title):	
Phone: (    )    -	E-mail:

LSC APPROVAL (To be completed prior to submitting to Open Water Zone Representative)		
This application has been reviewed by the LSC and is in compliance with LSC rules and regulations.		
Signed:		Date:
Name:	Title:	E-mail:
Address:		
City:	State:	Zip:

BASIC INFORMATION			
Name of Host Club: <b>Clemson Aquatic Team</b>			
Name of Event: <b>18<sup>th</sup> Annual Death Valley Open Water Swim Meet and SCLSC Open Water Championships</b>			
Event Location: <b>522 East Beach Drive, Clemson, SC</b>		Event Date: <b>June 9, 2012</b>	
City: <b>Clemson</b>	State: <b>South Carolina</b>	LSC: <b>SC</b>	Zone: <b>Southern</b>
Length of Race(s): <b>5K, 3K, 2K, 1K, 1/2K, and can swim 1 or more up to a total of 11.5K</b>			
Age Groups Participating: (circle all that apply) <b>10&amp;U    11&amp;12    13&amp;14    <del>15-18</del>    Open</b>			

Key Personnel			
Meet Director(s): <b>Jacqueline Grossman</b>			
Cell Phone : <b>[REDACTED]</b>	Home Phone: <b>[REDACTED]</b>	E-mail: <b>[REDACTED]</b>	
Meet Referee: <b>James Keogh</b>	Phone: <b>[REDACTED]</b>	E-mail: <b>[REDACTED]</b>	
Meet Safety Officer: <b>Lowell Arwood</b>	Phone: <b>[REDACTED]</b>	E-mail: <b>[REDACTED]</b>	

WATER QUALITY
<p>Step 1: Attach certificate (or reference URL site) with necessary information showing the site meets local governing body requirements for bathing. <a href="http://www.scdhec.gov/environment/water/naturals.htm">http://www.scdhec.gov/environment/water/naturals.htm</a>, "A Natural Swimming Area is defined as an area where there is a fee or membership required to gain access to a natural freshwater location where swimming is promoted, or a natural freshwater location where improvements have been made to promote swimming. Natural Swimming Areas are required to take two water samples per month during the swimming season. These samples are analyzed for fecal coliform. If the sample is greater than 400 colonies/100 ml, the area must be closed until a satisfactory sample is taken."</p> <p>Step 2: One week prior to the event, check water quality again and submit certification (or reference URL site) to the Independent Safety Monitor</p> <p>Step 3: On race day, submit additional water sample for certification. If results returned are inconsistent with the local governing body's standards, notify swimmers who participated in the event of any known exposures post-race. <b>Samples will be taken on race day but not analyzed because the latest samples can be taken to the lab is noon on Thursday and can't be taken to the lab until opening on Monday and that is too late to test. Samples taken day of will be refrigerated for two weeks in case there is any reports of sickness occurring from the meet. When requested those samples will be handed over to the powers that be.</b></p> <p>If an exceptional event such as heavy rain or flooding affects the water quality, the Referee, the Meet Director, or the Independent Safety Monitor shall have the authority to postpone or cancel the race.</p>

TECHNICAL MEETING (Recommended)
<p>Tentative date/time of recommended Technical Meeting (within 24 hrs of race, athlete and/or coach/designated coach required to attend): <b>In place of a technical meeting CAT is putting the meeting on U-Tube and will send the URL with the meet receipt if available at that time and will e-mail the URL on Monday before the meet.</b></p> <p>Attach tentative agenda.</p>

PRE-RACE MEETING (Required)
<p>Tentative date/time of MANDATORY Pre-Race Safety meeting (athletes must attend to participate in race): <b>Pre-Race Meetings occur one half hour before the 5K 3K and 2K, the 1K and Half K have a joint meeting ½ hour before the 1K. 5K meeting is at 7:30, 3K meeting is at 9:45am, 2K meeting is at 11:15am, 1K and Half K meeting is at 12:15pm, June 9, 2012. Those swimming events previous to a races meeting attend only if they have finished the previous race. Obviously if they are still in the water, they are unable to attend.</b></p> <p>Attach tentative agenda.</p>

**RACE PLAN**

<b>Race Day Conditions</b>	
Expected air temperature: <b>77°F</b>	Expected water temperature: <b>83°F</b> Minimum Allowed: 60.8°F      Maximum Allowed 5K+: 87.8°F
Combined air & water temperature: (Must be between 118°F and 177.4°F) <b>160°F</b>	
Type of body of water: (circle one)    Ocean <b>Lake</b> River    Other:	
Water type: (circle one)    Salt Water <b>Fresh Water</b>	Course: (circle one)    Closed Course <b>Open Course</b>
General water depth of course: <b>Truly depends on the spring rains, start will be 5-14 feet, the rest is 25-50 feet</b>	
<i>If open course, please indicate the agency used to control the traffic while swimmers are on the course.</i>	
Agency: <b>City of Clemson Police Department</b>	How to contact during event: <b>Walkie Talkie or Cell Phone</b>
Expected water conditions for the athletes: (marine life, tides, currents, underwater hazards) <b>Swim is on the non-channel side and there is no current that would effect the swimmers. Other than wake from boats there are no known water conditions that will interfere with the athletes swim.</b>	
How is the course marked? <b>Round BEMA Buoys and Milk Bottles. Every 500M is marked with a 48" buoy and every 100m between is marked with a 16" buoy. The first 50m has a milk bottle every 10m between the other buoys and the 250m has a shark float for the Half K turn.</b>	
Turn buoy height: <b>48"</b>	Color <b>Orange</b>
Intermediate buoy height: <b>16"</b>	Color <b>Orange</b>
Starting Location:    On Beach <b>In Water</b>	Alternate Location:
Finish Location:      On Beach <b>In Water</b>	Alternate Location:

<b>FEEDING STATIONS</b>
Designated area that nourishment may be passed on to athletes. It is recommended that the feeding station be a boat, series of boats, or barge.
Will you have a feeding station? <b>Yes</b> No (must be 5K or less)
What type of structure(s) will serve as the feeding station? <b>Pontoon Boat at turn, and every kayak, canoe and other boat-with-motor has water and sports drinks available.</b>
How many people can the structure(s) safely hold? <b>These 'structures' are not intended for anyone but the meet personnel.</b>

Attach a Google Earth Map (or equivalent) of race course. Indicate on the map the locations of the start/finish, turn buoys, intermediate buoys, all safety craft, Lifeguard/First Responders, onsite medical care, feeding stations, etc.

## MEET SAFETY PLAN

MEDICAL PERSONNEL
Name of lead medical personnel (emergency trained) on site : <b>Carol Salter (CCN) and Hank Salter (MD)</b>
Circle One: <b>M.D.</b> D.O. EMT-P EMT NP PA <b>Carol is listed as lead because in an emergency she is the best person to have.</b>
Experience in extreme events (Marathon, Triathlon, etc)(Recommended): <b>Yes</b> No
Will medical personnel be located on the course? Yes <b>No</b>
The required number of medical personnel will be dependent on the course layout, number of athletes in the water, expected conditions, etc. How many medical personnel do you plan to have on site? (minimum 4 for closed 1K loop course) <b>5</b>

FIRST RESPONDERS/LIFEGUARDS
Indicate the qualifications of the first responders (prefer open water experience). <b>ARC Lifeguards</b> USLA YMCA Equivalent water certified first responder_____
Number on course: <b>10 Lifeguards</b>
Indicate their location on the Race Plan Map.

AMBULANCE/EMERGENCY TRANSPORTATION
<b>MANDATORY</b> 1 ambulance per 250 participants, with additional on-call. Number on site: <b>1</b>
Have you spoken with the local emergency response agency regarding your event and potential emergencies? <b>Yes</b> No

ON SITE MEDICAL CARE
Describe the on site set up for medical care, such as medical treatment tent, heating or cooling tent or facility. Indicate the location on the Race Plan Map. <b>There will be an RV on site with heating and air conditioning. The RV has running water. It will be behind the first aid tent.</b>

MEDICAL FACILITIES	
Name of closest medical facility: <b>1. Clemson Health Care 885 Hwy 123, Clemson SC</b> <b>2. Anmed Health, 800N Fant Street, Anderson SC</b> <b>3. Oconee Medical Center, 298 Memorial Drive, Seneca SC</b>	
Type of medical facility: (eg. urgent care, hospital) <b>1. Urgent Care</b> <b>2. Hospital</b> <b>3. Hospital</b>	
Distance to closest medical facility: <b>1. 2.77 miles</b> <b>2. 18.99 miles</b> <b>3. 9.62 miles</b>	Approximate transport time: <b>1. 4 minutes</b> <b>2. 34 minutes</b> <b>3. 15 minutes</b>

<b>WATER CRAFT</b>
Sufficient coverage (at minimum 1 motorized safety craft, includes driver and two first aid responders) to cover the course: Number: <b>5</b>
List additional water craft for Officials (not counted as safety craft): <b>1</b>
List other water craft for race supervision: (Boats, Jet Skis, Kayaks, paddle boards, etc): <b>10 Kayaks/Canoes</b>
List additional water craft for feeding stations (if over 5K): <b>No additional craft for feeding as all craft has water/sports drinks</b>
List additional water craft for escorted events: <b>N/A</b>
Emergency Signal Flag <b>MANDATORY</b> for all water craft (Boats, Jet Skis, Kayaks, paddle boards, etc): Color:: <b>Orange</b>

<b>ATHLETE ACCOUNTABILITY</b>
Describe method of athlete body numbering ( <b>MANDATORY</b> ): <b>Numbers are written on shoulders and back with Sharpee and a corresponding wrist band is worn on the wrist or suit.</b>
Describe method of electronic identification of athletes (Recommended): <b>The wrist band is scanable and is scanned as swimmers come in.</b>
Describe different cap colors for the various age groups/genders? (Recommended): <b>Caps are white, events are swum separately.</b>
Describe method of accounting for all competitors before, during and at conclusion of race(s): <b>Athletes are given a ticket and wrist band at registration with name and number. That number is then written on their body. To get in the water the swimmer hands in the ticket which is then sorted and counted. Swimmers are counted at the turn. As they finish, their wrist band is scanned. The numbers are compared. Any swimmer taken from the course is announced to the referee and then recorded as present in the final tally.</b>

<b>WARM-UP/WARM-DOWN PLAN</b>
Explain safety plan for warm-up/warm-down. <b>Warm-up and Warm-down is done by the beach where there are lifeguards stationed. Swimmers are to stay in the area marked by DNR for boat restriction. 2 kayaks will be stationed out to the first buoy for the 5K warm-up.</b>

<b>COMMUNICATIONS</b>
Primary method between Meet Officials: <b>Walkie-Talkies and Cell Phones</b>
Secondary method:
Primary method for communicating between medical personnel, first responders & safety craft: <b>Walkie-Talkies and Cell Phones</b>
Secondary method:

<b>SAFETY PLAN:</b>
Maximum number of swimmers on course at a time: <b>300 taking off in waves of 100 five minutes apart.</b>
If more participants show up on race day, what is the procedure for adjusting the safety plan to accommodate the increased number of entries? <b>The safety plan we have should be able to support larger numbers. To date this has not been a problem as the 5K (the event with the most participants) usually runs in the low one-hundreds. As the race grows the time lines will be adjusted. EMS is located about 3 miles away and can be on alert if plans change.</b>
How are the lifeguard staff and safety crafts distributed to supervise this event to maximize the recognition, rescue and treatment of any athlete? <b>Please review the map. The course has safety spread all along the course. There is a stationary pontoon in the middle and end of the course. Two boats with motors (BWM) patrolling on each side of the center stationary pontoon. 1 kayak/canoe is stationary between the 500 meter buoys and the other kayaks/canoes are moving with the swimmers with one kayaker with the last swimmer. Lifeguards will be on all BWM and on the beach at the start area. See attached Paddlers guide for their instructions on handling a rescue.</b>
How is the safety staff deployed to maximize the rapid response to a troubled athlete? <b>Once a situation develops, the first responder waves a flag to have a BWM pick up the swimmer in distress. He is delivered to the first aide station where the medical team is waiting.</b>
How will the event be altered if insufficient safety personnel/craft are available race day? <b>The time line will be adjusted to allow for less swimmers in the water. The responsibilities of the personal might change, ie maybe one boat will be responsible for a larger area.</b>

Missing athlete plan: Start a search of the bath and beach areas and any indoor areas that they could get into. Also this includes the parking lot.. Locate the coach, parent, buddy that they came with to see if they are around. Make PA announcements to start all looking for the missing person, or the missing person will make themselves known. If numbers entering water and exiting water are different and can't be accounted for the EMS and police will be notified. The EMS has a diver on staff 24hrs a day and the area has a well trained search and rescue team.

<b>SEVERE WEATHER</b>
Is a lightning detector or weather radio available on site? Clemson University has a siren system that broadcasts electronic siren and voice messages to inform the entire campus of any immediate severe weather. It has a 5 mile radius. Also one of the boats has a weather radio.
What is the severe weather plan? Depending on the sever weather: Plan 1 Upcoming storm: Boaters and kayakers will immediately direct swimmers to exit the water at the nearest shore area. Swimmers will then be instructed to walk back to the Clemson Club Rowing facilities. All participants and spectators will take shelter in these facilities. Plan 2 Tornado: Boaters and kayakers will immediately direct swimmers to exit the water at the nearest shore area and lay down on the beach. This is the lowest land around.
What is the site evacuation plan? All spectators and participants will be directed to seek shelter in the McFadden building., where Clemson University Campus Police will await with further instructions.

----- Applicant Do Not Write Below This Line -----

<b>TO BE COMPLETED BY OPEN WATER ZONE REPRESENTATIVE</b>		
Approved:    No            Yes		
Signed:		Date:
Name:	Title:	E-mail:



Lifeguard  
Lifeguard  
Start/Finish

1/2K Turn

2 Lifeguards  
BWM

1K Turn

Lifeguard  
Safety Marshall

2K Turn

2 Lifeguards  
Stationary Pontoon

#K Turn

Police Boat  
Police Boat  
Police Boat

2 Lifeguards  
BWM

2K Buoy

Turn/Feeding Pontoon

5K Turn

Lifeguard

Image U.S. Geological Survey

Goog



18<sup>th</sup> Annual Death Valley Open Water Swim Meet  
(5K, 3K, 2K, 1K, ½K)  
SC LSC Open Water State Championships  
East Beach on Hartwell Lake, Clemson University, Clemson SC  
June 9, 2012 (sever weather date June 10, 2012)  
Hosted by Clemson Aquatic Team  
Sanctioned by SC LSC #SC12--OW and SC LMSC #552-OW00-

**EVENTS and SCHEDULE:**

All races are an out and back ,  
swum along a buoyed line that  
follows the east shore of  
Hartwell Lake. Buoys are placed every 10 meters for the first  
500 meters and 100 meters apart after that.

**Open 5K, Jim Keogh Senior 5K, Christine Jennings 13-14 5K:**  
Check-in: 6:30am; Pre-race Meeting: 7:30am; Event start:  
8:00am. All swimmers who have not completed the course within  
2½ hours will be asked to retire.

**Open 3K and 11-12 3K:** Check-in: 8:00am; Pre-race Meeting:  
9:45am; Event start: ~10:15am. All swimmers who have not  
completed the course within 1¾ hours will be asked to retire.

**Open 2K:** Check-in: 10:30am; Pre-race Meeting: 11:15am; Event  
start: ~11:45am.

**Open 1K and 10 & Under 1K:** Check-in: 11:30am; Pre-race  
Meeting: 12:15pm; Event start: ~12:45pm.

**Open Brad Hitchings .5K:** Check-in: 11:30am; Pre-race Meeting:  
12:15pm; Event start: ~1:30pm.

**LOCATION:** East Beach is at the end of East Beach Road,  
Clemson University. Directions will be sent by e-mail  
approximately one week before the event. Water temperature is  
expected to be in the low 80s.

**ELIGIBILITY:** Jim Keogh Senior 5K, Christine Jennings 13-14  
5K, 11-12 3K, and 10 & Under 1K and Open Events are open to  
all USA-S registered athletes and are the scored events for the SC  
LSC Championships. Only those members of SC Swimming are  
eligible for state championship scoring. Those competing in the  
SC LSC Championships can score in one event only for team  
scoring. Age is determined by age on June 9, 2012.

Open Events are open to all USMS registered swimmers 18 years  
of age as of June 9, 2012. A photocopy of your USMS  
membership card must accompany your entry. USA-S registered  
athletes can swim in all open events regardless of age.

One Event fees are available for athletes not registered with  
USMS or USA Swimming. Fee for on day registration is \$15.  
One event swimmers can place and receive award(s) in event(s)  
swum but can not place in SC LSC Championships.

**ENTRY FEES:** \$40 includes one event, cap, t-shirt and athlete  
hospitality. \$10 fee for each additional event. Entry deadline is  
June 3<sup>rd</sup>, all entries received after that date require a \$10 late fee.  
The \$10 late fee applies to day-of-event entries. Those entering  
on race day or after June 3<sup>rd</sup> may or may not receive a T-shirt,  
**THERE WILL BE NO REDUCTION IN FEE.** USA-S teams

may enter via Hy-Tek or as individuals at ClubAssistant.com. All  
others please register on ClubAssistant.com

**RULES:** All applicable USA-S and USMS rules, regulations and  
safety requirements will be enforced for the well-being of our  
swimmers.

**SAFETY:** Safety boats will monitor the entire course. Water and a  
sports drink will be available on every boat on the course and at  
the turn. Swimmers must wear race cap, and numbers on both  
arms and back for identification and scanable number bracelet.  
Medical personnel will be at the site.

**SEEDING:** All like-distances will be seeded as a single event,  
without regard to a swimmer's age or gender. Places, awards, and  
published results will be separate for each event, age group, and  
gender. Meet Director reserves the right to change seeding if  
large number of entries warrant changes. 1650/1500 Free time will  
be used for seeding the 5K if needed.

**AWARDS:** Plaques will be given to the top 3 finishers, by gender, in  
each event. The top 10 finishers in each age group recognized by  
USA-S and USMS will receive ribbons. SC LSC Championship  
medals will be given to the top 10 SCLSC Athletes finishing in  
the Jim Keogh 5K, Christine Jennings 13-14 5K, 11-12 3K and 10  
& Under 1K. The SC LSC Championship team banners, and  
plaques will be awarded to the top the SC Teams. **ANNA C  
SAMS 11.5K Recognition** will be given to anyone who competes  
in all distances. Anna is the first to swim and place in all events.

**LODGING/CAMPING:** Information available at  
ClemsonAquaticTeam.org or SouthCarolinaParks.com for camping.

Use of audio or visual recording devices, including a cell phone, is not  
permitted in changing areas, rest rooms or locker rooms.

**MEET DIRECTOR:** Jacqueline Grossman, Clemson Aquatic Team,  
PO Box 411, Clemson SC 29633-0411. E-mail: [jelg@innova.net](mailto:jelg@innova.net)  
Phone (day) 864-646-8836; (night) 864-654-4704

**MEET REFEREE:** Jim Keogh

**SAFETY MARSHAL:** Scooter Arwood

Permitted by the US Army Corps of Engineers  
Held under the Sanctions of USA Swimming and US Masters Swimming.

**18<sup>th</sup> Annual Death Valley Open Water Swim Meet and SCLSC State Championships Entry Form  
June 9, 2012 (severe weather date June 10, 2012)**

USA-S Teams are very strongly encouraged enter by Hy-Tek  
Go to [www.ClemsonAquaticTeam.org](http://www.ClemsonAquaticTeam.org) for Hy-Tek downloadable event file  
Meet can be entered through [www.ClubAssistant.com](http://www.ClubAssistant.com)

Name: \_\_\_\_\_ Age \_\_\_\_\_ Gender: \_\_\_\_\_  
 Registration Number (required): \_\_\_\_\_

Street Address: \_\_\_\_\_ USA Swimming: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ USMS: \_\_\_\_\_

E-mail: \_\_\_\_\_ Check if neither USMS or USA-S: \_\_\_\_\_

Phone: \_\_\_\_\_ Club: \_\_\_\_\_ Club Code with LSC (ex SC-CAT): \_\_\_\_\_

Fees: First event \$40.00, \$10.00 for each additional event. For non-members of USA-S or USMS an additional \$15 is required for one event membership.

Check event(s) to be swum: **5K** \_\_\_\_\_ **1650/1500 time:** \_\_\_\_\_ **3K** \_\_\_\_\_ **2K** \_\_\_\_\_ **1K** \_\_\_\_\_ **.5K** \_\_\_\_\_

T-Shirt Size (Adult sizes only): **S** \_\_\_\_\_ **M** \_\_\_\_\_ **L** \_\_\_\_\_ **XL** \_\_\_\_\_ **XXL** \_\_\_\_\_ Send to:

Make checks payable to:

**CAT**  
**PO Box 411**  
**Clemson SC 29633-0411**

Entry fee \$40.00	= \$	40.00
Additional event(s) (\$10 per event)	= \$	_____
Non-members of USA-S or USMS \$15 for one-event membership	= \$	_____
Late Fee \$10.00	= \$	_____
Total	= \$	_____

**US MASTERS Swimmers: Please read and sign the liability release:**

**Liability Release**

I, the undersigned participant, intending to be legally bound, hereby certify that I am physically fit and have not been otherwise informed by a physician. I acknowledge that I am aware of all the risks inherent in Masters swimming (training and competition), including possible permanent disability or death, and agree to assume all of those risks. AS A CONDITION OF MY PARTICIPATION IN THE MASTERS SWIMMING PROGRAM OR ANY ACTIVITIES INCIDENT THERETO, I HEREBY WAIVE ANY AND ALL RIGHTS TO CLAIMS FOR LOSS OR DAMAGES, INCLUDING ALL CLAIMS FOR LOSS OR DAMAGES CAUSED BY THE NEGLIGENCE, ACTIVE OR PASSIVE, OF THE FOLLOWING: UNITED STATES MASTERS SWIMMING, INC., THE LOCAL MASTERS SWIMMING COMMITTEES, THE CLUBS, HOST FACILITIES, UNITED STATES ARMY CORPS OF ENGINEERS, SC DEPARTMENT NATURAL RESOURCES, UNITED STATES COAST GUARD AUXILIARY, CLEMSON AQUATIC TEAM, CLEMSON UNIVERSITY, MEET SPONSORS, MEET COMMITTEES, OR ANY INDIVIDUALS OFFICIATING AT THE MEETS OR SUPERVISING SUCH ACTIVITIES. In addition, I agree to abide by and be governed by the rules of USMS. (rule book article 203.1). Finally, I specifically acknowledge that I am aware of all the risks inherent in open water swimming, and agree to assume those risks.

MASTERS ONLY REQUIRED to sign: \_\_\_\_\_ Date: \_\_\_\_\_

-----cut and save-----

**Accommodations**

Go to [ClemsonAquaticTeam.org](http://ClemsonAquaticTeam.org) and under the "CAT Hosted Meets" tab you will find a listing of the local hotels that support CAT. Please support them as a thank you for their support of CAT. Most accommodations are within 2 miles of the venue.

Camping information can be found at [SouthCarolinaParks.com](http://SouthCarolinaParks.com). The closest park is Twin Lakes State Park.

**GPS Co-ordinates: Lat: 34.677159, Long: -82.854853**

**Event Times:**

_____ <b>Open, Senior, 13-14 5K</b>	<b>8:00am</b>
_____ <b>Open and 11-12 3K</b>	<b>10:15am</b>
_____ <b>Open 2K</b>	<b>11:45am</b>
_____ <b>Open and 10&amp;Under 1K</b>	<b>12:45pm</b>
_____ <b>Open Half K</b>	<b>1:30pm</b>

Nearest Airport: Greenville/Spartanburg is ~50 miles;  
Atlanta, Charlotte, and Columbia are ~120 miles

**While in Clemson you'll find lots to see and do!**

Hartwell Lake, with its 1,000 mile shore line, offers wide opportunities for water sports. Lake Keowee and Jocassee, and the Blue Ridge Mountains, are less than an hour away. Visitors will find ample motel accommodations and campsites for overnight stays. We hope you'll enjoy your visit with us and will take advantage of all our area has to offer while you're here.

For tourist information call Clemson Area Chamber of Commerce (864/654-1200); the Clemson University Visitors Center (864/656-2461); or the Pendleton District Historical, Recreation and Tourism Commission (864/646-3782).

# Certificate of Analysis



Client: Campus Beach & Recreation Area  
206 Fike Recreation Center  
Clemson, SC 29634

Reporting Date: 6/24/2011  
Project: 0419.001.00

Client Sampled:	Campus Beach & Recreation Area	Date Received:	6/22/11 8:50	Page 1 of 1
Matrix:	Surface Water	Lab Certification:	SC04108001 & NC601	
Sample Date:	06/22/2011 8:40	Collected By:	Ben Day	
Grab Date:		Location:	Swim Area	

Parameter	Qual	Result	Units	Mass (LBS/Day)	Method	RL	Date & Time Analyzed	Analyst	DF
<b>Lab Sample ID : 1106-196</b>									
Fecal Coliform		16	Colonies / 100 ml		SM9222D	1	6/22/11 13:00	SE	1

  
\_\_\_\_\_  
Authorized Agent

**Qualifiers:**  
< Less than result value  
> Greater than result value  
H: Indicates that the parameter has exceeded the allotted holding time  
Q: A quality control analyte recovery is outside of specified acceptance criteria

## **You-Tube meeting script**

### **Referee Agenda for Pre-Race Meeting**

Meet Director:

Hi, the City of Clemson welcomes you to the 18<sup>th</sup> Annual Death Valley Open Water Meet. I am {Name} and will tell you what is needed before getting into the water. Competition rules and Race Safety will be then presented by our meet referee.

Parking: if lot is full or can't totally pull car off the road into the trees, drop off swimmers and equipment, then drive to the bottom of the hill and park along the practice field fence. We must keep the roads clear for emergency vehicle access. Please pay attention to our volunteers directions.

When you first arrive, check-in at registration. If you have pre-entered you will receive cards for each event entered, race cap, and a body number with corresponding bracelet with UPC number, and a card to pick up your t-shirt. Any needed missing information, will be collected at that time. T-shirt pick-up will be at the hospitality tent and can be picked up at any time during the day.

If you have not pre-entered, go to the 'Day-of-Registration' table to fill out forms and receive your registration materials. Remember there is a \$10 late fee for day-of-entries.

Next stop is to get your body number written on, this goes on both shoulders and back. This must be done by meet personnel.

The UPC bracelet must be worn on you all times in the races; wrist, ankle, suit strap, etc.

Please check the time of event. This year a bit more time has been built in for each event.

If you do not finish your race in the time allotted, you will be picked-up and returned to the beach. When asked to retire, please immediately get on the boat for the return trip.

A half-hour before your first race you are required to attend the safety meeting. Location on the beach and time will be announced. Pre-race meeting for the 5K is 7:30, 3K is 9:45, 2K is 11:15, and the 1K and 1/2 K meeting is together at 12:15.

'Ref name' as meet referee it is your turn to talk race safety and competition rules.

Referee:

The course is clearly marked with large orange buoys placed every 500 meters and smaller orange buoys placed every 100 meters between the larger buoys. The first 500 meters out of the start and the last 500 meters into the finish gate are further marked by a string of milk jugs placed every 10 meters.

The course begins with an in-water start and is a "down-and-back" course. The swimmers head down to the turn on the shore side of the buoys, turn clockwise between the outside of the last buoy and the front of a clearly-marked pontoon turn-boat, and then return on the channel side of the buoys back to the area from which they started.

The race concludes with the swimmers again turning clockwise towards shore between two of the larger orange buoys (referred to as the "finish gate") and proceeding through a finish flume. The swimmer concludes the race once he or she passes under the "Finish" banner. At that time, the swimmer must remain in finish order as he or she passes through the remainder of the finish flume and onto shore. There are hydration and energy drinks placed on every safety craft throughout the course.

The rules are:

- 1: Every swimmer, upon command, must turn in their entry card to Clerk of Course while entering the water prior to the start of the race, Swimmers must also wear their UPC bracelets in some fashion while entering the water at Clerk of Course and while exiting the water at the Finish Judge. Failure to do so will disqualify the swimmer from any consideration of that race.
- 2: At the start of the race, all swimmers will be directed to stay to the right of the start buoy, with swimmers not impeding or supporting one another. Once the starting horn is sounded, the swimmers may progress without flagrantly impeding or striking other swimmers for the remainder of the race.
- 3: No support or slip streaming will be permitted by any craft during the race. Only distressed swimmers may hang on a craft, and if moved from that point by the craft in any manner, the swimmer will be disqualified from the remainder of the race.
- 4: All swimmers must pass to the outside of the turn buoy and must pass through the finish gates buoy. Any swimmer turning prior to the turn buoy or turning towards shore prior to the finish gate shall be disqualified.
- 5: Finally, any swimmer who exits the finish flume or who knowingly changes position in line within in the after the conclusion of the race and prior to walking onto the beach will be disqualified, or appropriately penalized, at the discretion of the finish judge.

Water conditions have been traditionally clear and tranquil, with temperatures from the upper 70s to the low 80s. This is a no-wetsuit event. The temperature of the water has never exceeded 85 degrees at race time over the past 17 years.

There is no marine life of any consequence; this is a freshwater course.

On race day, stay tuned to local weather for conditions. Races will be postponed or cancelled for thunder and lightning, water temperatures above or below the threshold, gale force winds or significantly reduced visibility. No race has been cancelled or postponed in the history of the meet.

The safety plan for all races will be: there will be a lead kayak for the leader, a lag kayak for the trailing swimmer, and “shepherd” kayaks for the swimmers in-between in the race. There will be an additional patrol kayak within each 500 meters and within the line of the buoys. Additionally, there will be a string of power boats patrolling the channel periphery of the race course. There will be both hydration and lifeguard support among this fleet. Should a swimmer become distressed, it is recommended that he/she wave their arm overhead to capture the attention of a first responder. The patrolling kayak on the course and/or the shepherd kayak among the pack will have been instructed to act as a first response. When the swimmer is determined to have concluded his/her swim, one of the power boats will carefully proceed to the swimmer, who is currently supported by the rescue tube thrown by the first responder kayak, and swiftly carry the swimmer off the course and to the race dock. The swimmer will report to the first aide tent. In the event that the swimmer would need additional medical attention, he or she will be transported to a local hospital or clinic.

In the event of a race cancellation during the race, all swimmers are instructed to swim directly to shore and proceed to the Clerk of Course tent in the start area to “check back in.” Their UPC bracelets will be scanned and it will be reported that they have returned to shore safely. All craft on the race will continue to patrol and direct the swimmers to shore until the course has been completely cleared of swimmers.

**Agenda will be changed to meet any changes as the meet date arrives.**