

PISP Half Marathon 2017 – Beach One

This racecourse is located in Erie, PA, at Presque Isle State Park and consists of one complete loop of the park, starting and finishing at Beach One, near the Erie Runners Club (ERC) Pavilion.

Start: The starting area is located in the Beach One area that is on Old Lake Road (OLR) and is adjacent to the ERC Pavilion. The start is 135' 6" south of the finish line (see finish line locator below) and is marked with GREEN paint and a nail 6" from the right edge of the roadway. The GPS coordinates are: +42.117490, -80.152284.

Finish: Located on Old Lake Road near the ERC Pavilion. The specific finish point (line) is adjacent to a grey (Mid-Electric) electric box mounted on a post that is 5'9" north of the concrete sidewalk that goes between Old Lake Road and the ERC Pavilion. As a secondary marker, it is located 44'1" north of the drinking fountain along the roadside at Beach One. The finish line is marked with GREEN, YELLOW and PINK paint on Lake Erie side of roadway along with a nail 6" from the edge of the roadway. The GPS coordinates are: +42.11761, -80.152011.

Route: Runners will begin from the start line described above and go north on OLR (which is closed to all vehicular traffic for race day) into the park towards the Still Nature Center. They will continue on OLR until it merges at about 1.7 miles with Peninsula Drive (PD). At this intersection marshals will control traffic and guide runners to make a left turn onto PD. They will be required to stay in the right lane as they run against traffic. Under normal conditions this is a two-lane road for outbound traffic of the park, but on race day the drivers left lane and the runners right lane will be reserved for runners only via use of cones, signs and marshals.

From this intersection of OLR and PD runners will keep in that right lane and circle the entire park, going from mile 1.7 to 12.8. At 12.8 mile point the course makes a 180 degree turn at the one and only turnaround on the course. The GPS coordinates are: +42.112997, -80.155193.

The turnaround is prior to reaching Sara's Restaurant on the left and condo complex that abuts the park on the right – lake side. More precisely it is 65' 6" north of a wooden fence (post) corner bordering the Presque Isle Shores condominium complex on the northeast corner of their property. This wooden fencing runs parallel to the north and east sides of the condo complex. The east/west fencing structure is 10 feet from the north end of the condo building. The turnaround point is also 21 feet south of a brown state park sign with yellow lettering (currently covered with a temporary sign promoting Tom Ridge Environmental Center). The above measurements are from the west edge of the roadway. The actual turnaround point is perpendicular to the above point description above by 27' 5" to the east and is in the middle of the four lane Peninsula Drive roadway. There are three nails and Green/Yellow/Pink paint marking the precise turnaround location along with the above GPS coordinates. There will need to be cones, marshals and signs at this location to direct runners and control traffic.

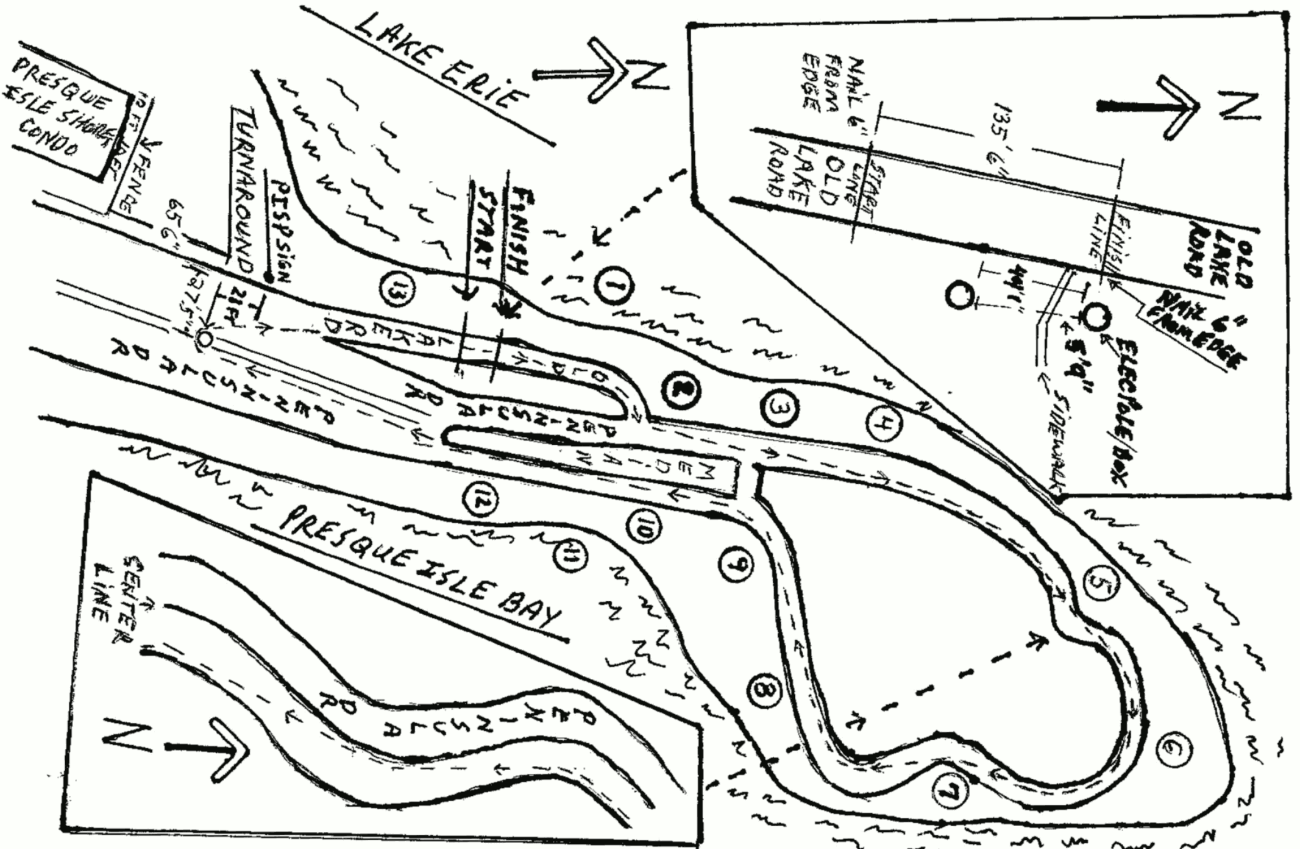
From the turnaround point they continue north on PD for about 0.1 miles until they come to the south end of OLR where they will merge left for a 20 degree turn onto OLR and then on to the finish line. There will need to be cones and marshals at this location to direct runners and control traffic.

Mile Markers: All mile markers are marked with GREEN paint rectangles on the right side (runner's direction) of roadway. There are two rectangles painted on the roadway: one on the edge and a second 10" from roadside (both on pavement). Markers 1 and 13 are on Old Lake Road (OLD) while all others are on Peninsula Drive (PD).

Certified Course
#PAT051NP



Effective Dates:
8-21-17 thru 12-31-27





**Road Running Technical Council
USA Track & Field**

Measurement Certificate



Name of the course PISP Half Marathon 2017- Beach One Distance 21.0975km
 Location (state) Pennsylvania (city) Erie
 Type of course: road race calibration course
 Measuring method: bicycle steel tape electronic distance meter
 Measured by (name, address, phone & e-mail) Mike Vieyra, 6674 Otten Ct., Fairview, PA 16415
814.504.2631, mike.vieyra1@gmail.com
 Race contact (name, address, phone & e-mail) Suzanne Carstater, 1971 Eaton Rd, Fairview, PA 16415
814.636.4108, uropa40@aol.com
 Date(s) when course measured: Aug. 14, 2017
 Number of measurements of entire course: 2 Course Configuration: Single Loop
 Elevation (meters above sea level) Start 178m Finish 178m Highest 180m Lowest 176m
 Straight line distance between start & finish 41m Drop 0.00 m/km Separation 0.19 %
 Type of surface: paved 100 % dirt _____ % gravel _____ % grass _____ % track _____ %
 Effective date of certification: Aug. 21, 2017 Certification code: PA17051NP

Notice to Race Director: Use this Certification Code in **all** public announcements relating to your race.

Be It Officially Noted That

Based on examination of data provided by the above named measurer, the course described above and in the map attached is hereby certified as reasonably accurate in measurement according to the standards adopted by the Road Running Technical Council. If **any** changes are made to the course, this certification becomes void, and the course must then be recertified.

Verification of Course — In the event a National Open Record is set on this course, or at the discretion of USA Track & Field, a verification remeasurement may be required to be performed by a member of the Road Running Technical Council. If such a remeasurement shows the course to be short, then all pending records will be rejected and the course certification will be cancelled.

This certification expires on December 31 in the year **2027**

AS NATIONALLY CERTIFIED BY:

Nathan Porch Date: Aug. 21, 2017

Nathan Porch – USATF/RRTC Certifier
 940 Frenchtown Rd., Perryville, MD 21903 | 856.803.7678 | nathan@getsetgoconsulting.com

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Course Description and Mile Marker Locations

The racecourse is located in Erie, PA, at Presque Isle State Park and consists of one complete loop of the park, starting and finishing at Beach One, near the Erie Runners Club (ERC) Pavilion. The Beach One area is located just inside the one and only gateway into the park on Peninsula Drive. After entering the park the first three left hand turns take you into a large parking area used for the Beach One area.

Start: The starting area is located in the Beach One area that is on Old Lake Road (OLR) and is adjacent to the ERC Pavilion. The start is 135' 6" south of the finish line (see finish line locator below) and is marked with GREEN paint and a nail 6" from the right edge of the roadway. The GPS coordinates are: +42.117490, -80.152284.

Finish: Located on Old Lake Road near the ERC Pavilion. The specific finish point (line) is adjacent to a grey (Mid-Electric) electric box mounted on a post that is 5'9" north of the cement sidewalk that goes between Old Lake Road and the ERC Pavilion. As a secondary marker, it is located 44'1" north of the drinking fountain along the roadside at Beach One. The finish line is marked with GREEN, YELLOW and PINK paint on Lake Erie side of roadway along with a nail 6" from the edge of the roadway. The GPS coordinates are: +42.117761, -80.152011.

Route: Runners will begin from the start line described above and go north on OLR (which is closed to all vehicular traffic for race day) into the park towards the Stull Nature Center. They will continue on OLR until it merges at about 1.7 miles with Peninsula Drive (PD). At this intersection marshals will control traffic and guide runners to make a left turn onto PD. They will be required to stay in the right lane as they run against traffic. Under normal conditions this is a two-lane road for outbound traffic of the park, but on race day the drivers left lane and the runners right lane will be reserved for runners only via use of cones, signs and marshals.

From this intersection of OLR and PD runners will keep in that right lane and circle the entire park, going from mile 1.7 to 12.8. At 12.8 mile point the course makes a 180 degree turn at the one and only turnaround on the course. The GPS coordinates are: +42.112997, -80.155193.

The turnaround is prior to reaching Sara's Restaurant on the left and condo complex that abuts the park on the right – lake side. More precisely it is 65' 6" north of a wooden fence (post) corner bordering the Presque Isle Shores condominium complex on the northeast corner of their property. This wooden fencing runs parallel to the north and east sides of the condo complex. The east/west fencing structure is 10 feet from the north end of the condo building. The turnaround point is also 21 feet south of a brown state park sign with yellow lettering (currently covered with a temporary sign promoting Tom Ridge Environmental Center). The above measurements are from the west edge of the roadway. The actual turnaround point is perpendicular to the above point description above by 27' 5" to the east and is in the middle of the four lane Peninsula Drive roadway. There are three nails and Green/Yellow/Pink paint marking the precise turnaround location along with the above GPS coordinates. There will need to be cones, marshals and signs at this location to direct runners and control traffic.

From the turnaround point they continue north on PD for about 0.1 miles until they come to the south end of OLR where they will merge left for a 20 degree turn onto OLR and then on to the finish line. There will need to be cones and marshals at this location to direct runners and control traffic.

Mile Markers: All mile markers are marked with GREEN paint rectangles on the right side (runner's direction) of roadway. There are two rectangles painted on the roadway: one on the edge and a second 10" from roadside (both on pavement). Markers 1 and 13 are on Old Lake Road (OLD) while all others are on Peninsula Drive (PD).

Mile 1 Located on OLR north of Stull Nature Center and 120 feet south of the ERC 5K 1 mile marker (wooden post 4" x 4" x 6'). The GPS coordinates are: +42.130963, -80.152284.

Mile 2 located on PD at the cross over roadway from the Park Ranger Station to the Beach Six area. The marker is aligned with the north edge of the Ranger Station crossover roadway. This marker will likely need refreshed annually as it will be worn away by intersection traffic. The GPS coordinates are: +42.143086, -80.135989.

Mile 3 Just 130 feet south of the old entrance to Beach 8 area that is adjacent to a crossover road. Another locator is that it is 12 feet north of a telephone pole (#142) on the lake side of the roadway. The GPS coordinates are: +42.155931, -80.128230.

Mile 4 It is right across from the Presque Isle Light House wrought iron memorial gazebo. It is also 40 feet north of park sign that reads "Presque Isle Light House Exhibit. The GPS coordinates are: +42.165732, -80.114037.

Mile 5 Located near the middle of Sunset Beach curve area. More precisely, it is 50 feet north of the trail head sign that reads "Pine Tree Trail". The GPS coordinates are: +42.171005, -80.096068.

Mile 6 Located between N. Coast Guard Rd and S. Coast Guard Road. More precisely it is 60 feet north of a trail head sign that reads "Dead Pond Trail". The GPS coordinates are: +42.164275, -80.083334.

Mile 7 Located a short distance north of the high lagoon bridge before reaching the old canoe launch area. More precisely it is located 55 north of the roadside drinking fountain in that area. The GPS coordinates are: +42.158033, -80.093442.

Mile 8 Midway between Marina East access area curve and the multi-purpose trail cross over to the east. It is also 115 feet north of the multi-purpose trail mile marker 4.8. The GPS coordinates are: +42.152838, -80.106908.

Mile 9 This marker is 75 feet south of the Mill Road crossover. The GPS coordinates are: +42.159401, -80.122663.

Mile 10 This marker is a few hundred feet south of the cookhouse crosswalk. More precisely it is adjacent to a park sign in the median that reads "Stop for Peds in X-Walk". The GPS coordinates are: +42.147408, -80.132074.

11 This marker is located in the area between the vista area with boat launch near the Stull Nature Center and the vista to the north (vista 4) about 0.6 miles. This marker is 310 feet south of the south entrance into vista 4. The GPS coordinates are: +42.135831, -80.141859.

Mile 12 This marker is located near the beginning (south end) of left turn lane as you approach vista 2. It is 25 feet north of the south end of the turn lane. Turn lane is a third lane added to the left side for the crossover. The GPS coordinates are: +42.122156, -80.148208.

Mile 13 This is just 0.1 miles south of the finish line and is near the only paved parking lot crossover road from PD to OLR. This is the roadway that is the first left turn after entering the park that goes into Beach One parking lot. More precisely it is 120 feet south of where this paved crossover roadway meets OLR. The GPS coordinates are: +42.116204, -80.152770.