



TO: Mark Musilli
General Manager

FROM: Richard D. Carlson, Jr.
Waterfront Director

DATE: December 16, 2016

SUBJECT: **WATERFRONT AND LIFEGUARD REPORT FOR 2016**

The following report is a synopsis of the activities of the Lake Mohawk Waterfront and Lifeguard staff for the 2016 season. A statistical summary of activities is also provided.

MISSION:

The Lake Mohawk Country Club provides Lifeguard personnel and services to the beaches of the Lake Mohawk reservation. These services are provided during the summer season to be determined by the Club. Lifeguards are responsible for ensuring the safety of facility patrons by preventing and responding to emergencies, both on the water and land.

Qualifications and Certifications:

Each Lifeguard must possess the minimum qualifications and certifications as prescribed by current federal, state, local and club regulations. These minimum qualifications would include, but not be limited to, the following certifications:

- a) American Red Cross Waterfront Lifeguarding and First Aid
- b) CPR/AED for the Professional Rescuer/Lifeguard
- c) Pre-employment testing of Waterfront Lifeguarding, CPR and First Aid skills.

Knowledge and Skills:

Lifeguards should possess the following knowledge and skills:

- a) A thorough knowledge and application of Lifeguarding surveillance and rescue techniques.
- b) An understanding of facility characteristics, rules, regulations, policies and procedures.
- c) Leadership and public relations skills.
- d) Decision making skills.

Responsibilities:

Each Lifeguard is responsible for the following:

- a) Recognize and respond effectively in emergencies.
- b) Enforce all aquatics facility policies, rules and regulations.
- c) Inspect the facility on a daily schedule and report any unsafe conditions or equipment to the supervisor.
- d) Complete records and reports.

- e) Participate in regular in-service training sessions.
- f) Exercise regularly to maintain fitness level.
- g) Complete additional duties as assigned by a supervisor.

PERSONNEL:

There were 38 fulltime Lifeguards assigned to work 30-36 hours per week. Three Water Safety Instructors assigned to teaching swimming lessons in addition to lifeguard duties were assigned 39 hours per week.

Applications for Waterfront positions were distributed first by email to past staff and then opened up to new applicants a week later in March. All new applicants were screened, evaluated and interviewed for a potential position. References and credentials were checked and verified. Skills testing for all applicants, new and returning, was conducted.

An orientation was conducted for all Lifeguards and Water Safety Instructors on May 24, 2016. A powerpoint presentation was given on schedule, payroll, training, policies and procedures. All guards received and signed acknowledgment of the LMCC Waterfront Lifeguard Policies and Procedures. Uniform shirts, belt bags, dive bags, mask, fins and whistles were also distributed.

Attached is a roster of all Lifeguard personnel employed this summer with their assigned position and comments.

STAFFING:

The Lake Mohawk reservation has 13 beaches with three lakes. 11 of these beaches are located on the main lake. The following beaches were staffed seven days per week: Beach 2, 3, 4, 5, 6, Happy Valley, Upper Beach and Alpine Beach. This season, we were only able to staff six out of the eleven Beaches for the Labor Day weekend. Most beaches were open a total of 87 days for the season.

Beach 1 was staffed from June 26th to August 20th seven days per week from 12 noon to 6PM. During the swim lesson and lifesaving programs, Beach 1 was staffed Monday through Friday from 9:00AM to 6:00 PM. This provided coverage for swim lessons, Junior Lifeguard and the Waterfront Lifeguarding programs. In addition, Beach 1 was closed early on weekends for scheduled events from the club.

Arrangements were made with Tamarack and Sleepy Lagoon to provide Lifeguards on weekends and whenever an activity would be scheduled there. Toboggan and Manitou Beaches are not staffed due to lack of activity. However, Lifeguards stationed at Tamarack Beach were instructed to maintain surveillance and report any activity at Toboggan Beach. The Lifeguards then reported any activity directly to the Marine Patrol on duty to check Toboggan.

Each beach was assigned a minimum of two Lifeguards with the exception of Tamarack and Sleepy Lagoon Beaches which were staffed as a single guard assignment. Both single guard beaches were required to conduct radio checks with another staffed beach every 30 minutes.

A Senior Lifeguard was assigned to each beach and held responsible for all supervision and enforcement. This maintained a constant point of contact for both the beach members and club management. Other Lifeguards were rotated among the different beaches each week. This rotation provided these younger guards opportunities to work with seasoned guards and learn to adapt to the different beaches and facilities.

A third Lifeguard was assigned to Beaches 4, 6, Upper and Alpine as needed due to increased activity.

Usually during mid August, we begin losing Lifeguards returning or starting college. Beach attendance statistics were analyzed and staff were reassigned and some beaches were not staffed. Beach Association officials were advised in advance of beaches not being staffed. Every attempt was made to ensure staffing for weekends at all beaches. Staffing was stopped at Tamarack and Sleepy Lagoon beginning August 21st. Beaches 2 and 5 staffing were not staffed from August 29th on.

In addition to the Waterfront Director, the Head Lifeguard and Lifeguard Supervisors were responsible for mobile patrol daily. These supervisors were responsible to check each beach, whether staffed or not. Frequently, supervisors conducted tag checks at unstaffed beaches and removed non-members and/or those without club tags or cards.

SHIFTS:

Lifeguards were assigned to beaches from 12:00 noon to 6:00 PM seven days per week commencing June 18th until Labor Day, Sept. 5th. We did begin staffing beaches on weekends beginning Memorial Day weekend until June 18th. This staffing strategy proved productive for our members. Each Lifeguard was assigned approximately 312 hours total for the summer season.

TRAINING:

Every LMCC Lifeguard is trained and tested annually in CPR/AED for the Professional Rescuer and First Aid along with mandated Bloodborne Pathogen training and Emergency Oxygen Administration. In addition, every Lifeguard is trained and tested in all Waterfront Lifeguarding skills. This is completed before our swim season starts. Training records and certifications are maintained by both the LMCC office and the Waterfront Director.

Continued In-service training was conducted during the season and included:

- Deep-water spinal injury management with the Marine Patrol.
- Proper and safe methods of assisting capsized sailboats by the Lake Mohawk Yacht Club.
- In water rescue breathing for unconscious victims.
- Rescue kayak skills.
- Use of the mask and fins for deep water line searches.
- Sighting and crossbearing skills.
- Hand and whistle signal communications.
- Rescues without equipment.

Personal training by all Lifeguards in physical fitness and swimming is stressed. This program proved both beneficial and successful. Lifeguards were required to swim at least 10 minutes per day while on duty. Lifeguards undertook this training on their own initiative and increased their level of waterfront rescue skills. Many members gave positive comments and praise in observing the Lifeguards practice their skills daily.

Unannounced staged rescue scenario drills were conducted at all beaches during the season to test Lifeguards' skills. These drills were designed to evaluate Lifeguards' recognition of an emergency, activation of the emergency action plan, rescue skills and teamwork. These drills were conducted during the hours of operation in the presence of members and guests. These usually took less than five minutes to complete. All Lifeguards evaluated were satisfactory or above.

Training drills were developed and initiated by our Senior Lifeguard staff. The "White/Blue Cap" drill is designed to test and evaluate the Lifeguard's scanning, recognition and timely response of a "drowning or distressed" swimmer. Beach members were asked to participate in these drills so that the Lifeguards would not know who would be the "victim." The "victim" swims around and/or participates in water activities for some time and then surreptitiously dons a white or blue swim cap. The Lifeguards must be able to spot this cap within 10 seconds of scanning their area, activate the Emergency Action Plan by sounding their whistle, pointing to the "victim" and then swim or paddle to the "victim" within 30 seconds and effect a rescue.

The "Man Overboard" drill was used by the Marine Patrol to test and evaluate our Lifeguards' abilities to watch their swimming area and beyond. A Marine Patrol boat would pass by a beach by the 200 foot marker buoys and drop a MOB buoy and begin timing. The Lifeguards would be timed from the moment the buoy was dropped until one of the guards either swam or paddled out to the buoy. This tested the Lifeguards' surveillance skills, decision making ability of which rescue device to use, swimming and speed.

Five Lake wide drills were conducted this year by the Senior Guard staff. Again, beach members were asked to participate and all beach members were advised beforehand of any drill as well as the Sparta Police Department. A scenario involved a member reporting a missing child to the Lifeguard on duty. The Lifeguard activated the Emergency Action Plan, the water was cleared, a radio transmission broadcast to the Marine Patrol, Head Lifeguard and other beaches. A shallow water search was conducted by the Lifeguards assigned to that beach while the Marine Patrol unit on duty picked up one Lifeguard diver from each beach and dropped them off with dive masks and fins to the affected beach. The Lifeguard Supervisors responded with Oxygen, AED and other equipment. A deep water search was conducted by the Lifeguard divers and when the "victim" was recovered, brought to the beach. A CPR manikin was on the beach where the Lifeguards performed at least 2-5 minutes of CPR. These drills were conducted at Beaches 1, 3, 4 and Happy Valley. The average time from initiation of the drill until the "victim" is recovered is less than 15 minutes with one drill completed in 11 minutes.

Training in multiple rescues, rescue boards and kayaks was conducted during the season. Spotting and crossbearing of victims was also conducted. Surface and underwater search and recovery techniques were studied, developed and adapted for our Lifeguard and Marine Patrol staff.

All of the above drills were received positively by both the staff and members.

SUPERVISION AND MANAGEMENT:

Senior Lifeguards were required to be trained and certified in the American Red Cross Lifeguard Management course. This certification entails four hours of on line instruction and testing in supervision and management skills. This course enabled Senior Guards to become better trained and equipped to handle situations, problems and increased their confidence in decision making ability. It allowed them to have more of a stake in the supervision and management of the staff and beaches.

Thomas Kennedy was selected as the Head Lifeguard this season. Senior Guards certified in Lifeguard Management were assigned as Lifeguard Supervisors in his or the Waterfront Director's absence. These Lifeguard Supervisors wore white LMCC polo shirts to designate their position and authority in representing the club management.

Daily staff briefings were conducted at the Marine Services office for Senior Lifeguards assigned to work that day. Radios, assignments, training assignments and evaluations were discussed as needed.

Both the Head Lifeguard and Waterfront Director were responsible for physically inspecting each beach, staffed or unstaffed, during working hours. Both the Head Lifeguard and Director conducted at least two rounds of inspections daily each. Tag checks were conducted when either warranted upon inspection especially at Tamarack and Sleepy Lagoon Beaches.

Minor infractions by staff of policies and procedures were handled with progressive discipline. Usually this entailed a verbal warning and counseling. Subsequent violations resulted in docked pay, loss of schedule hours, or change of assignment.

The incentive program initiated last season for all lifeguards who work 300 or more hours for the season was again a success. A twenty five cent per hour pay incentive retroactive for any lifeguard who completes 300 or more hours during the season helped keep staffing and scheduling efficient. Fifteen lifeguards attained this goal. This incentive greatly impacted increased attendance and decreased scheduling problems. This incentive program was adjusted to reflect only hours assigned to Lifeguard duties. Pre and post season work hours and instruction hours were not included in this season's payroll

COMPLIANCE:

Each beach was physically inspected by the Sussex County Department of Health prior to our swim season. Both the Waterfront Director and Head Lifeguard accompanied the Health Inspector to each beach during the inspections. All beaches inspected were in compliance with the New Jersey State Bathing Code. Subsequent unannounced inspections were conducted by the Sussex County Health Department and each inspection found our beaches to be in compliance.

Each beach was equipped with a rescue board, at least two rescue tubes, a first aid kit, a spine board with straps and head immobilization, a reaching pole and 60 foot line of rope. A Beach Diary was placed at each beach with specific diagrams of the beach, Emergency Contact list, Emergency Action Plans, Daily Reports, First Aid and Rescue Report forms, Refusal of Medical Attention forms, and weekly facility inspection forms. Copies of the Waterfront Lifeguard Policies and Procedures were also included in the diaries.

Each beach was assigned a portable radio which had to be signed out for at the LMCC office daily. These radios were operated on the same frequency as the Marine Patrol and also scanned the emergency channels of 9 and 16 as well as the weather alert station. This communication system was approved by the Sussex County Department of Health to bring LMCC into compliance with the N.J. Bathing Code requirement for telephones or another approved communication system.

Water samples were conducted weekly in compliance with N.J. State Bathing Code. Samples were collected and delivered to Garden State Labs. Reports from Garden State Labs were sent to the Sussex County Department of Health. Ms. Kathy McHugh has all water sample results and correspondence filed in the office. All sample reports have been filed in a binder.

This season recorded 146 regular weekly scheduled tests. There were only 7 unsatisfactory samples and retests were conducted to passing. Six of our beaches had no failures during the entire season. This season, the sample results were very low reflecting excellent water quality. Attached is Water Sample chart.

BEACH STATISTICS:

Data was researched and tabulated from each Beach Diary. This year, data was collected on Preventive Actions by Lifeguards. A preventive action is one where a Lifeguard detects a safety hazard or violation and responds accordingly. This is usually in the manner of sounding a whistle and advising the swimmer of the hazard or safety violation thus preventing any injury or possible rescue. Since this is a major responsibility of Lifeguards, this activity should be recorded to prove enforcement of safety regulations and preventive actions. This has previously gone unrecorded. In relation to rescues and preventive actions, rescues account for less than 3% of the total number of preventive actions. In the future, this ratio should decrease further with better reporting. Attached is the Beach Statistical Report.

RESCUES/SAVES:

This season, there were at least 34 rescue/saves. 24 were made by the Lifeguard staff with the remainder made by the Marine Patrol. Lifeguards made eight (8) of these rescues in shallow water less than 4 feet deep and fourteen (14) in deep water more than 4 feet deep. The Marine Patrol made all of the remaining rescues in deep water. An analysis of rescue and victim data show that two thirds were male. A leading contributing factor to this increase in rescues is lack of parental supervision. It will be recommended that all young bathers be administered a deep water swim test before being permitted to swim outside the shallow water lines. In addition, it will be recommended that an advertisement and media campaign promoting "touch supervision" for any child under five years of age be implemented. This is to promote parental/guardian supervision of any child under five years of age to be within arms length of their parent/guardian while in the water. Attached is the Rescue Statistical Report.

PROGRAMS, SPECIAL EVENTS AND ACTIVITIES:

SWIM LESSONS:

Swim lessons were conducted this year on Beach 1 and the Boardwalk. Two sessions of three weeks each were scheduled from June 27th to July 15th and July 18th to August 5th. Classes were held on Monday, Wednesday and Fridays with rain make up dates of Tuesday and Thursday.

Three Water Safety Instructors and three Aides were assigned to conduct our group swimming lessons Monday, Wednesday and Friday from 9:00 AM to 11:45 AM. Julia Keenan, Linda Carlson, and Brad Worthington were the Water Safety Instructors and assisted by Lifeguards Ryan Balemian, Walter Lehneis and Brittany Rivera.

78 children were enrolled in this year's swim lesson program. A fee of \$25.00 per child was charged for swim lessons this year.

JUNIOR LIFEGUARD PROGRAM:

The Junior Lifeguard program was conducted at the Boardwalk and Beach 1 on Tuesdays and Thursday mornings from 9:30 to 11:30 AM. Junior Lifeguard began June 29th and ended on August 4th. This program is designed as a junior lifeguard course for ages 11-14 years of age. There were 38 participants enrolled in this six week program. Lifeguards conducted this training and participants received certification in Junior Lifeguarding. The \$50.00 fee for this course was a cost recovery for books, certification and materials only.

This program was coordinated by Sr. Lifeguard Chad DiBlasio and assisted by Sr. Lifeguards Justin Allan, Sebastian Cook, Jack Donahue and Liz Zanetakos.

WATERFRONT LIFEGUARDING COURSE:

An American Red Cross Waterfront Lifeguarding course was conducted. This course was instructed by Rich Carlson and Mark Donahue. It was held from July 8th to July 21st. The \$225.00 fee for this course was a cost recovery for books, certifications and materials only.

LIFEGUARD COMPETITION:

The 6th Annual Lifeguard Olympics Competition was conducted on August 1st at Beach 1 at 6:30 PM. Lifeguards were divided into two teams from the Eastside and Westside. The competition entailed rescue skills with the rescue tube and paddleboard. Members from different beaches came to cheer their lifeguards on. Hamburgers, hot dogs, soda and cake were provided on the West Deck of the Boardwalk along with small prizes awarded. Marine Patrol members assisted with judging, cooking and serving the food. The Junior Lifeguards were also invited to participate. The Westside Team won the competition.

Lake Mohawk again hosted the Annual Sussex County Lifeguard Competition on August 8th at Beach 1. At least six teams from various Sussex Country aquatic facilities participated. There were five events: 500 yard Open Water swim, Rescue Tube Relay, Paddleboard Rescue Relay, Run/Swim/Run/Swim Relay and Backboard Team event. LMCC took 2nd place in the overall competition this year.

LONGFELLOW'S INITIATIVE:

The Longfellow's Initiative is a program built on the mission of Commodore W.E. Longfellow, the founder of American Red Cross Water Safety programs. Basically, it is to have every bather a

swimmer, and every swimmer, a lifesaver. In this program, Marine Services has offered Basic Water Rescue training and provided each boat dock with rescue floatation devices.

BASIC WATER RESCUE COURSE:

Basic Water Rescue training was offered to all LMCC members, beaches and clubs. The only fee charged was \$10.00 per participant for certification. The Lake Mohawk Yacht Club took advantage of this program and had all of their sailing instructors and some of their members complete the course.

BOAT DOCK RESCUE DEVICES:

Almost every boat dock on the main lake, including the Marina and Yacht Club, were provided with a rescue floatation device (RFD). These RFDs were provided free of charge from Suspended Aquatics in NJ, a manufacturer of RFDs. Each RFD was stenciled with the individual dock name and/or number and marked for Emergency Use Only with simple instructions on them. "Reach, Throw, Go Call 9-1-1." These RFDs were located at the entrance to each dock. This adds another layer of protection for our members when Lifeguards or other rescue personnel are not immediately available after hours and off season.

ICE CREAM SOCIAL:

On August 10th, the Annual Ice Cream Social was held in the Main Ballroom for all participants in the Learn to Swim, Junior Lifeguard programs and Waterfront Lifeguarding Course. Families and participants were treated to ice cream served by the Lifeguard and Water Safety Instructor staff. Certificates of completion and certification were presented to all participants who successfully completed their respective courses. Approximately 100 people attended this event.

DRAGON BOAT RACES:

The Sparta Education Association sponsored a Dragon Boat Race on Sunday, May 15th. There were approximately 50 teams of 22 people each who participated. Practice sessions were conducted on the South End of the lake beginning on Thursday, May 12th to Saturday, May 14th. A Marine Patrol boat with two Lifeguards was assigned to each practice session.

TRIATHLON

The 7th Annual Lake Mohawk Triathlon was conducted on July 23rd. Six Marine Safety Officers and 22 Lifeguards comprised the water safety team to provide safety and rescue when needed for the 234 swimming contestants. Both M.S.O.s and Lifeguards planned and trained together to prepare for any number of rescues needed. Five swimmers were rescued or assisted during the event. The Jefferson Twp. Fire Department Dive Team again assisted this year on site in case of any missing swimmer.

Equipment used for this event consisted of six Marine Patrol boats each staffed by one M.S.O. and a Lifeguard, eight rescue boards and six rescue kayaks each staffed by a Lifeguard. Two Lifeguard Supervisors were positioned on the beach as spotters and counters with an additional Lifeguard positioned on a stationary pontoon boat in the middle of the swim course. 30 rescue tubes, two rescue rope reels, 20 sets of dive masks and fins, two Automatic External Defibrillators, two oxygen units, 12 portable radios, 6 larger marker buoys, 6 smaller marker buoys, two large turn buoys, first aid kits and three megaphones were used for this event.

A staging area for the Lifeguards and the Jefferson Twp Fire Department Dive Team was provided at the Lake Mohawk Yacht Club. The Lake Mohawk Marina provided their Marina pontoon boat for this event.

SPARTAN CHALLENGE:

On July 31st, a Spartan Challenge was held on Beach 1. This entailed several teams from local fitness centers competing in fitness, strength and swimming events. There were 100 participants in this competition. Six Lifeguards and one Marine Patrol unit were assigned to the swimming event. Two rescues were made by Lifeguards at this event.

BEACH PARTIES:

The Beach and Private Party policy and registration form was continued this year with no reported problems. This policy and registration form was provided to all Beach presidents and party coordinators through the PAC. The purpose of this registration form was to ensure that there is adequate lifeguard supervision at any beach during any activity. There is no fee for this registration form. However, guest tags would be required for all non members attending any beach function. The Beach Presidents and party coordinators were instrumental in the success of this program. There were 39 registered beach parties this season.

COOPERATIVE ASSISTANCE:

Several COLA members contacted LMCC requesting information and/or guidance relating to various Marine Patrol, Lifeguard Operations, Waterfront Safety Management and Health Code regulations. All inquiries were addressed. Lifeguard Supervisors from some COLA member lakes participated in the In-Service training on deep water backboarding and sailboat capsizes.

On September 11th, ten of our Lifeguards assisted the Lake Hopatcong Open Water Swim Festival by providing Lifeguard services for this event. This is the third year that LMCC Lifeguards have been specifically requested to provide services. The guards received a stipend from the Lake Hopatcong coordinators.

EQUIPMENT INVENTORY:

A complete inventory of all Lifeguard, Waterfront and rescue equipment was completed.

The following equipment was purchased this year:

24	CPR pocketmasks
60	Whistles
50	Whistle Lanyards
3	Canopy tops for Lifeguard chairs
20	Nylon duffel equipment bags

Each Lifeguard was assigned a duffel/gear bag to keep their equipment together. These were returned at the end of the season. All equipment was stored in the Marine Services trailer. Lifeguard chairs have been stored at the LMCC Road Department property.

First Aid Kits have been stored in the Marine Safety office in Minniehaha. Radios have been deactivated for the off season to save the batteries and stored there as well.

All No Lifeguard On Duty signs were removed from all beaches and stored for the winter. Ice Warning signs have been posted.

After all equipment was secured for the off season, all beach shed lockbox combinations were reset. Attached is a list of all inventoried items.

RECOMMENDATIONS:

These recommendations are based on observations, activities, training, incidents, legal and safety concerns.

1. Equipment: It is recommended that LMCC purchase additional Dive Masks and fins for lifeguards for underwater search and rescue. Our current supply of used fins and masks is deteriorating and will have to be replaced.
2. Equipment: Each beach should be equipped with an air horn for emergencies. This could be used to alert other beaches of impending storms, dangerous conditions or a prolonged rescue needing assistance from other beach Lifeguards and/or Marine Patrol. It would also be used to deter wildlife at some of the beaches. The cost of purchasing a case of air horns would be nominal.
3. Equipment: Rescue boards are required by the N.J. State Bathing Code at each beach. We will have to replace these boards in the near future. Currently there is only one manufacturer who may be discontinuing these boards and present stock. It is recommended that we purchase at least six (6) rescue boards now for future use. The cost would be approximately \$2327.00 total.
4. Equipment: Binoculars have become a staple and valuable part of the Lifeguard equipment at each beach. We need to replace at least five (5) sets of binoculars for next season. It is recommended that we purchase six (6) at an estimated cost of \$75.00 total.
5. Equipment: It is recommended that LMCC purchase two (2) emergency oxygen units and at least one (1) Automatic External Defibrillator (AED) for the Lifeguard Supervisors. The supervisors while on patrol would carry this equipment with them and be able to respond to any emergency needing such equipment at any beach or club facility.
6. Beach Rules: The Beach Rules should be published both on the website and in the Papoose. This increases the awareness of members to specific regulations especially the use and display of Beach badges/tags and the prohibition of glass containers on beaches.
7. Beach Wristbands: Wristbands should replace the current Beach tags. The wristbands should be worn at all times while on any beach. This makes it easier for the Lifeguards to check wristbands and also improves compliance by the members. Currently, members may have numerous tags on their beach bags or key rings with no specific tag assigned to any one member in their group. The "No Badge/No Beach" policy was strictly enforced.
8. Beach Facilities: Beach 2 has a picket fence dividing the parking lot from the grass area leading down to the beach. Since Beach 2 experiences trespassers and vandalism after hours, it is recommended that the fence slats be separated so that every other one is open. This will provide visibility from the parking lot down onto the beach and hopefully reduce incidents. There should be no additional cost to implement this recommendation except for labor. The current fence slats can be removed and reused to double the strength of the fence.
9. Beach Facilities: Parking is becoming a major problem at beaches along East Shore Trail. It is recommended that new signs marked "Beach/Boater Parking Only" be posted in each parking area affected. They can be removed during the off season.
10. Beach Facilities: Trespassing by non members after hours seemed to increase this season, especially at Beach 1. It is recommended that any and all non-members found to be using our beach facilities be issued a written warning once proper identification has been made. Subsequent violations should be charged with criminal or defiant trespass. It is recommended that security be especially present and visible at Beach 1.
11. Safety: It is recommended that "No Jumping or Diving from the Bridge" be painted and/or stenciled on the Manitou Bridge. This is to deter and warn violators. Currently, there are two small signs which may not be clearly visible.

12. Certification: It is recommended that the LMCC pursue certification and accreditation from the United States Lifesaving Association for Waterfront and Lifeguard Operations. By becoming a certified agency of the USLA, LMCC can validate all administrative, training and operational aspects of the Waterfront and Lifeguard Operations. This accreditation may positively impact and reduce risk management and liability insurance costs.
13. Cooperative Agreements: Currently, our Marine Services staff is training and certifying both the Sparta Police and Fire Departments in Basic Water Rescue. These personnel have been trained in how to make non swimming rescues with and without rescue equipment. It is recommended that LMCC provide the access codes to the beach sheds to the Sparta Police to enable first responders to utilize our rescue equipment for any after hours emergencies on our lakes.
14. Cooperative Agreements: Most COLA facilities have smaller waterfront and lifeguard staffs than LMCC. Training and recertification become cost prohibitive and difficult for these facilities due to the lack of qualified and certified Lifeguard Instructors in our area. It is recommended that we open our training programs to COLA member facilities at a reduced cost which would include certification and administrative fees.
15. Program Access for Non-Members: It is recommended that our Waterfront Lifeguarding course be open to non-members at a non-member rate. This will not only provide a community service since these courses are sparse but also may provide an additional pool of future candidates for Lifeguard positions here at LMCC. It is not recommended that we open our Learn to Swim or Junior Lifeguard programs to non-members.

Please do not hesitate to contact me should you need any further information or assistance pertaining to the Waterfront and Lifeguard Staff.

Respectfully submitted,

Richard D. Carlson, Jr.
Waterfront Director

Attachments:

2016 Lifeguard Roster
Beach Statistical Report 2016
Rescue Statistical Report 2016
Water Sample Report 2016
Inventory Report
Signage Report