

## Infrastructure and Long-Range Planning Committee – Swimming Pool Co

Component	History and/or issue(s) identified	External Expert	Follow-up by	Additional Knowledge thru follow-up	Alternatives
				<p>supply drop cloths and step ladders. Kevin will work with staff to obtain the paint and paint supplies. Temperature must be 60 degrees, winds less than 10 mph, and no rain; otherwise, May 6<sup>th</sup> is alternative date.</p> <p>Suzanne obtained one estimate of \$4,500 from ColbyCo Painting.</p> <p>5/7: Seven volunteers painted most of the west side. Will need to schedule more time to complete the rest.</p> <p>5/9: The west side fence was almost completed on Saturday, May 6<sup>th</sup>. (Seven people for five hours) Kevin will coordinate with Jill to put up weekly appeals on Facebook for volunteers to continue the painting as weather allows with the goal to be done before the pool opens at the end of May.</p>	
Piping into/out of pool	<p>This is 40+ year old piping with schematics indicating both cast iron and old style drainage tile used when built. The pool even with the liner still has leaking occurring, especially at the end of the summer when there is little rain. Some of this piping could be failing. The grass between the pool and the street has always been moist and when the pool is drained, there has been bubbling coming out of the ground below the pool next to the boat launch parking.</p>		Roger Markle	<p>2/7: We need to get a scope into the piping to see if we can determine the extent to our problems. Roger will contact Steve Harenberg and determine options for renting the equipment needed to do this.</p> <p>4/11: Roger indicated that a couple of companies said they would not do the scoping for us unless they got the work. He will contact Steve Harenberg and get some bids to get this done.</p>	
Concrete deck **	<p>Trip hazards on the pool deck. We believe most could be fixed by raising the concrete. There is one area that needs to be replaced.</p>	<p>Dave at Concrete Solutions in Eureka who has volunteered to be our concrete expert.</p>	Jeff Lox	<p>1/10: There are two ways to raise the concrete – with slurry or with foam. The major downside of foam is that it has to be treated as hazardous material when you tear up the concrete in the future. Even though we may need to replace a lot of this concrete when the piping is addressed, we feel the trip hazards need to be fixed. We will obtain quotes.</p> <p>3/7: Jeff brought a quote from Concrete</p>	

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				<p>approval on April 19<sup>th</sup>, and the work completed by May 10<sup>th</sup>.</p> <p>4/11: Jeff created a spec sheet for the deck leveling and requested bids from Bix, Slab Jackers, and American Home Pride Basements. These additional three companies all refused to bid.</p> <p>5/9: Concrete Solutions leveled the squares on the higher traffic area of the pool and did a great job. There were a couple of squares that would not move, so they beveled and patched the edge to reduce the toe stubbing hazard. We reviewed the south end project (the part the Board did not approve). All were in agreement that 1) this area would be roped off and only used for storage of swim meet equipment and 2) that we would review this at the end of the summer to determine what should be done.</p>	
<b>Diving Board **</b>	The old Board needs to be replaced by the new one in the maintenance building.		Glenda	<p>1/1/0: The company the board was purchased from will be scheduled this spring to install the new board.</p> <p>3/7: Need to get this scheduled.</p> <p>4/13: Glenda indicated this will be scheduled with their installers the first week in May. There people don't start their season until then. And after the fence is painted if the fence is still being painted.</p> <p>5/9: Glenda said the new diving board will be installed on Saturday, May 13th.</p>	
<b>Life guard chairs**</b>	Both need to be replaced. Suggestion would be replace with portable ones.		Roger Markle & Suzanne Wheeler	<p>1/1/0: Possible member carpenter who would be willing to assist.</p> <p>2/7: Portable chairs are considerably more and are held down with a weight. <a href="http://thelifeguardstore.com">http://thelifeguardstore.com</a> Looking at the current stands It seems to me they can easily be repaired buy someone with a saw. I would estimate repair would cost under \$200.00 if we used composite decking or</p>	

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				poles and other metal to seal in and stop future rusting. He will also make sure that the platforms are replaced or reinforced to be safe for the lifeguards. 4/12: Suzanne supplied some composite decking material for the platforms. 5/9: Roger Markle has dismantled the platforms, used a wire wheel on the metal poles to prepare them for painting, is rebuilding the platforms at his house, and expects the platforms to be installed later this week.	
Electrical other than in-pool lights?	Pole lighting needed for night swimming parties. Work fine at this point.				
Drain cover				2/7: Glenda supplied the invoice for the cost to upgrade the current drain to required specifications.	
<b>Medium Pool</b>					
Cement bottom	No issues noted or observed.				
<b>Gate**</b>	Need to be fixed or replaced so they are self-closing		Glenda & Roger Markle	Security Fence will be contacted to replace this. 2/7: Glenda supplied an old quote from Security Fence. <b>3/7: Need to get this scheduled.</b> 4/13: Currently being worked on. 5/9: Glenda indicated that the wrong size hinges and locking mechanism was returned a second time. We expect them to arrive for Dennis to install before the pool opens.	
Piping into/out of pool	Leaking has occurred between this and the main pool over the years and fixed as needed. May still be issue with wetness in grass between pool and the street.				
Drain cover	Purchase new ones as needed.				



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Piping into/out of pool	Not sure if this pool also contributes to the wetness in the grass between the pool and the street.				
Drain cover	Purchase new ones as needed.				
<b>Pump Room</b>					
Filters	Replace them. 50% are in the 2017 budget to be replaced. Very labor intense to remove, clean, and replace during the swimming season.			5/9: Glenda indicated that seven filter frames were purchased because they could not be glued back together.	
<b>Door to the room**</b>	Current door does not have vents for airflow. Needs to be replaced. ILRPC recommended to Board with two or three quotes last Spring.		Glenda & Roger Markle	Roger volunteered to work with RTA staff to get this replaced. 3/9: Door has been purchased. 3/7: Need to get this replaced. 4/13: Door purchased and will be installed in May after additional maintenance personnel begin working. 5/9: The pump room door is on the hinges and needs the hardware added.	
Pumps	Current pumps are single-phase. They were rebuilt in 2016. The back-up is stored in the maintenance building so it will not corrode from the chlorine fumes in the room. These are rotated throughout the swim season.				
Pump and filter system pit	The pit needs a serious assessment. The floor in the pump section is gone. The major concern is the wall between the pumps and the filter tank. Even though the exhaust fan was installed, a fan has to be lowered in to the pump area to keep it cool.		Kevin Arduini & Jim Sinclair	2/7: See liner discussion above. May contact Chris Davenport who works at Hollis Grade School that has an indoor pool about the same age as ours for additional contacts to address our pool needs. 5/9: Glenda showed us a chunk (8" diameter) of the pit wall that just fell off and is very brittle. She also indicated that the metal that holds the pump up off of the non-existent pit floor has essentially crumbled. Dennis is trying to figure out a solution to make it through this season	

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Other pump room equipment**	We are required to have an automatic chlorine feeder and an automatic acid cleaner feeder.		Glenda	1/10: These are less than \$200 each and will be purchased and installed before this year's inspection. 3/7: Need to purchase and get scheduled. 5/9: Glenda indicated that the estimate above is for a back yard pool and she has a quote from 4 years ago that indicates the cost of these items for a 180,000 gallon pool would be at least \$4,000 to replace.	
Electricity	We have electrical box capacity if we need another circuit along the way for somewhere else in the building. We have single-phase in the building.			3-phase electricity is available along the road next to the pool.	
Supplies storage	The chlorine, acid, etc...is stored in the small closet just inside the pump room door on the right. Due to the toxic nature of the items stored over the years, the door has practically disintegrated. Another concern are that children occasionally go thru the open door.		Roger Markle	1/10: Need to review this situation for the safety of all. 2/7: One suggestion would be the back room of the ball diamond concession building. Another suggestion would be to construct some type of utility shed next to the pools. 3/9: Build a tin shed and buy enough chemicals for the summer at a bulk discount.	
<b>Building</b>					
Roof	This shows not only wood rot issues on the North side over the two bathroom doors, but also one drain shows signs that it may not be draining which may be causing excessive pooling that may be causing the wood rot issue.		Jeff Lox	1/10: Need more thorough assessment of roof and drains. Do drains work? If not, way to divert drained water outside vs going down into the drain tile. 5/9: The recent 5+ inches of rain cause some of the rotted wood to begin coming down and it was also determined that white mold has appeared. Glenda is in the process of updating one bid and obtaining two more to have a pitched roof installed. The Board has approved up to \$16,000 for this new roof. In addition, a claim has been filed with our insurance company to hopefully cover part	Repair current roof  Replace total flat roof membrane.  Replace with a pitched roof

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Non-kitchen sinks, toilets, urinals, etc...	Currently replace as needed.				
Non-pump room doors.					
Painting					
Non-Kitchen & non-pump room electrical inside and outside	No complaints other than the concessions discussed below.				
Wood work – shower area	No known issues.				
Non-Kitchen & non-pump room storage	No issues				
<b>Concessions Kitchen &amp; Outside Snack Area</b>					
Sinks and other plumbing	No issues.				
Appliances – microwave(s), refrigerator, etc...	No issues.				
Electrical – inside and outside in snack area	Circuits have tripped when food warmers, etc...are setup for various events – swim meets, etc...				
Storage cabinets	Adequate.				