



Cashiers Community Pool Project

Sink Hole Discovered

- After a period of heavy rain in the Cashiers area, a sink hole was discovered at the Cashiers Pool on May 22, 2018. The area in question was located next to a drain at the deep end of the pool and extended underneath the pool deck an estimated 7'-8'.

Sink Hole Discovered



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Genco Pools & Spas

- After a discussion with County Manager Mr. Adams, we contacted Genco Pools & Spas to survey the damage. Once on site (June 12, 2018) they were able to survey the damage and provide a cost estimate to fix the immediate problem.

Genco Pools & Spas



Cashiers Community Public Pool

Jackson County - Recreation

355 Frank Allen Road

Cashiers, NC 28717

Contact: Rusty Ellis

rustyellis@jacksonnc.org

828-293-3053 ext. 1

Part I

Move-in / Discovery \$ 10,000.00

Provide equipment and labor to:

1. Initially Saw cut and remove minimal deck area ~ 50-100 SF to assess erosion damage.
2. If further demo is required – billed on time and materials basis and capped at \$50,000.00 until notice to further proceed by County Council.
3. Provide Summary of findings and provide remediation proposal.

Genco Pools & Spas

- Once the initial move-in/discovery process started (June 19, 2018), Genco determined that we needed extensive repairs to the deck/drainage and existing drainage outside the pool deck. Genco's scope of work did not allow them to work on the outside drainage. Genco stated that they would need the outside drainage work completed before they would continue on with repairs to the pool.

Jeff & Jim Madden

- Thanks to the help of Jeff & Jim Madden (local contractors/excavators) they volunteered their equipment, man power and labor to fix the outside drainage issue. They replaced 100' of culvert and installed two new drains. Drainage issue was complete on July 9, 2018. Material cost to the County is all that we were responsible for: \$2,038.77

Jeff & Jim Madden



Genco Pools & Spas

- Once the outside drainage was repaired, Genco was contacted (July 11, 2018) to give an estimate to repair the pool deck and drainage that resulted from the sink hole.

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Pool deck drainage installation

1. Demo and remove pool deck between building and pool, from end to end plus 15 ft from the end of the pool deck ~ 528 SF
2. Move plumbing lines as needed
3. Backfill with stone
4. Set 12 IN x 12 IN drain at the corner where the men's shower is located (we suggest the County tie in approximately 100 LF of French drain from this drain box at a future date)
5. Set 4 IN channel drain next to the full length of the building plus ~10FT to tie in to drains
6. Set 2 new skimmer extension collars
7. Set ladder anchors
8. Pour deck with cantilever edge and finish with a tight broom
9. Inlay Depth and No Diving markers at coping
10. County to provide dumpster for demo materials

Total including all labor and materials \$ 17,000.00

Genco Pools & Spas

- Genco stated once they have a notice to proceed, they could be onsite in 1-2 weeks and then allow around 2 weeks for work to be completed. Requested that pool tile work be completed before they came onsite.
- Reached out to the Cashiers Valley Community Council to discuss their willingness to help out monetarily regarding the additional cost for repairs.

Cashiers Valley Community Council

- The Cashiers Valley Community Council agreed (July 12, 2018) to help out in the amount of \$7,000 to go towards the \$17,000 total of the project.

JB Tile

- JB Tile was contacted (July 12, 2018) to discuss details of pool tile to be replaced. Stated could do the work the week of July 23, 2018.
- Work was completed on the tile July 27, 2018.
- Cost for materials and labor: \$3,092.20



Genco Pools & Spa

- A new Purchase Order was requested by Genco for the revised scope of work and pricing (July 25, 2018).
- Dumpster was requested onsite for week of July 30, 2018. This was the estimated start date once the Purchase Order was approved.

Purchase Order Issued

Purchase Order

PO Number	Date
19092	07/31/2018

VENDOR:
 GENCO POOLS & SPAS
 PO BOX 1076
 1217 NE MAIN STREET
 SIMPSONVILLE SC 29681
 Fax: - -



COUNTY OF JACKSON
 401 GRINDSTAFF COVE ROAD
 SYLVA NC 28779
 Phone: 828-631-2251

SHIP TO:
 JACKSON COUNTY RECREATION DEPT
 88 CULLOWHEE MOUNTAIN ROAD
 CULLOWHEE, NC 28723

Requested by:

By acceptance of this purchase order, vendors, contractors, and/or subcontractors affirm they are not listed and will not utilize a subcontractor listed on the Final Divestment List created by the State Treasurer pursuant to N.C.G.S. 143-6A-4, Iran Divestment Act Certification.

DESCRIPTION	UOM	QTY	UNIT PRICE	EXT COST
POOL DECK DRAINAGE INSTALLATION AT CASHIERS POOL--(1) DEMO AND REMOVE POOL DECK (2) MOVE PLUMBING LINES AS NEEDED (3) BACKFILL WITH STONE (4) SET 12"X 12" DRAIN AT CORNER WHERE MEN'S SHOWER IS LOCATED (5) SET 4" CHANNEL DRAIN NEXT TO THE FULL LENGTH OF THE BUILDING PLUS 10L. TO TIE INTO DRAINS (6) SET 2 NEW SKIMMER EXTENSION COLLARS (7) SET LADDER ANCHORS (8) POUR DECK WITH CANTILEVER EDGE AND FINISH WITH A TIGHT BROOM (9) INLAY DEPTH AND NO DIVING MARKERS AT COPING (10) COUNTY TO PROVIDE DUMPSTER FOR DEMO MATERIALS 11-6120-990-19	EA	1	17,000.00	17,000.00
<i>For internal use:</i>			TOTAL:	\$17,000.00

Darlene Joff
 Finance Director

Genco Pools & Spas

- Genco stated they would be onsite August 10, 2018 to start work, assuming no more bad weather.
- Subcontractors for Genco onsite the week of August 13, 2018.
- Genco Pools & Spas onsite to do the remainder of the pool repairs.
- August 30, 2018 the pool deck is poured.
- Week of September 10, 2018 depth markers are installed on the pool deck.
- This finished up Genco's scope of work on the pool project.

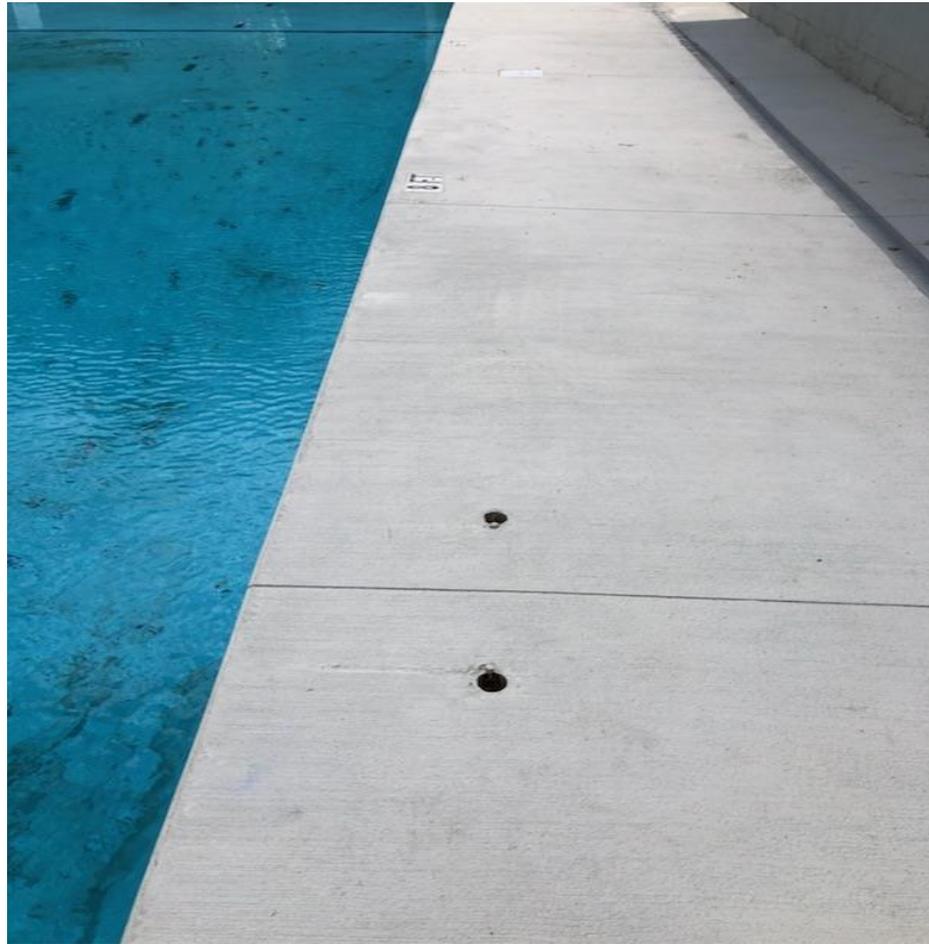
Genco Pools & Spas



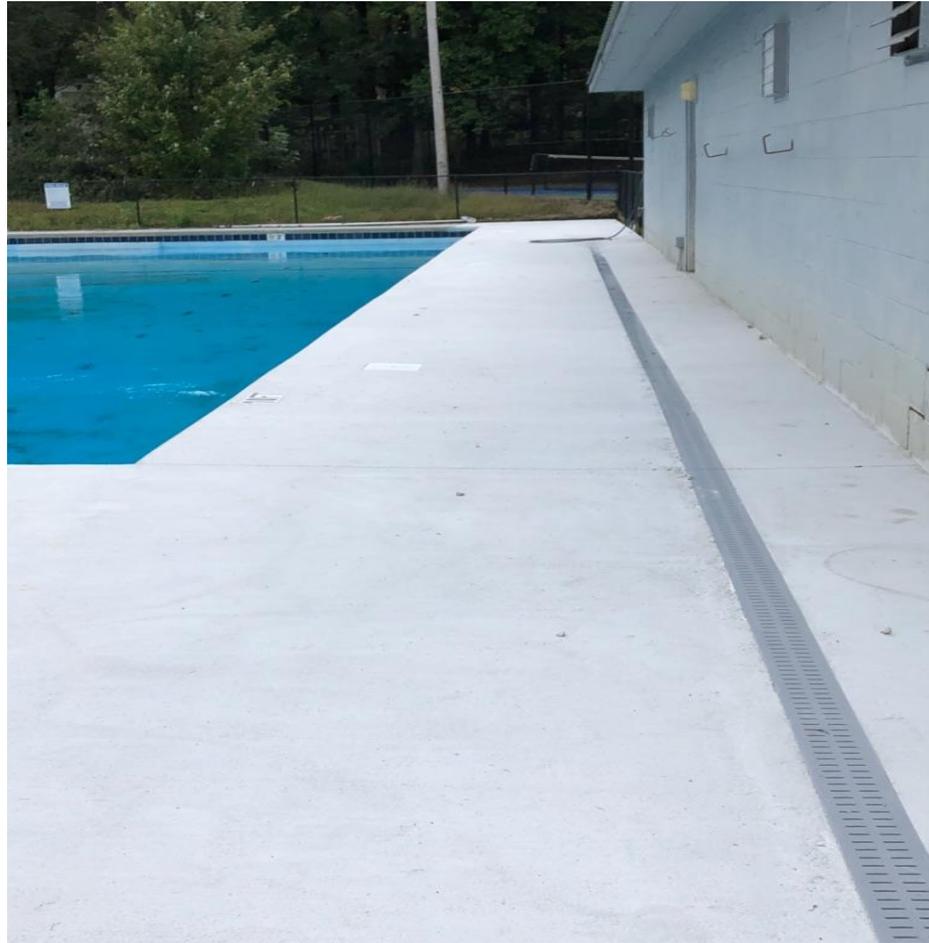
Genco Pools & Spas



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Remaining Work

- Gas company will need to install a new gas line from the tank to the pool heater. The old line was removed when addressing the drainage issue.
- Drain line will need to be installed from the new pool deck drain to the new in-ground drainage system.
- Pool main drain covers will be installed in the Spring of 2019 to maximize the coverage life of the covers.