

# BCYF DRAPER POOL COMMUNITY UPDATE

Boston Centers for Youth & Families  
Property Management Department

June 25, 2024

## WHAT'S GOING ON AT THE BCYF DRAPER POOL?

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- *What work has been completed so far?*
- *What work is remaining?*
- *What are the ongoing issues?*
- *When can we expect the pool to reopen?*



# A TIMELINE OF WORK AT THE DRAPER POOL

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## **SEPTEMBER, 2022**

A contract to replace and upgrade the pool's boilers, ventilation and filtration systems is advertised

## **NOVEMBER, 2022**

The contract is awarded to Enterprise Equipment Company

## **JULY, 2023**

The City's Property Management Department takes over management of BCYF facilities

## **SEPTEMBER, 2023**

A contract to repair the pool shell and tile, and install new steps, ladders and equipment is advertised

## **OCTOBER, 2023**

The contract to repair the pool shell is awarded to Weston and Sampson Engineering

## **NOVEMBER 2023**

The contract with Enterprise Equipment Co. is completed and the boiler is turned on for the first time

## **JANUARY, 2024**

Work is completed on the pool shell and the pool is filled with water! The City has the poolhouse deep cleaned and landscaped to prepare for reopening

## A TIMELINE OF WORK AT THE DRAPER POOL (CONT.)

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### **FEBRUARY, 2024**

*The pool begins to lose water unexpectedly - due to leak in the pool's Surge Tank*

### **MARCH, 2024**

*Weston & Sampson completes a report and recommends a tank replacement or possible repair*

### **APRIL, 2024**

*The pool is refilled but continues to lose water.*

### **JUNE, 2024**

*The City begins design of a replacement surge tank*

### **MARCH, 2024**

*Weston & Sampson is contracted to determine the cause of the leak.*

### **APRIL, 2024**

*In an attempt to exhaust all options to reopen the pool, the City commissions Weston and Sampson to attempt a repair of the surge tank*

### **MAY, 2024**

*The City pressure-tests the lines and conducts a die test - concludes the tank must be replaced*

## WHAT'S BEEN DONE SO FAR?

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### BOILER, VENTILATION, AND POOL EQUIPMENT

- Replaced the existing boiler with two new commercial energy-efficient boilers, along with all pumps and piping
- Installed new ventilation and dehumidification systems in the pool room
- Replaced critical pool valves and the pool's autofill system which keeps it topped up with water, and installed a new main filter pump
- Replaced both of the pool's 3,600gal filter tanks, the filters themselves, and all associated equipment
- Installed a new, modern, automated chemical feeding system
- Repaired tile in the bathroom and regouted all shower tiling

## WHAT'S BEEN DONE SO FAR?

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### POOL SHELL REPAIR

- Drained the pool and removed all loose plaster and concrete
- Sounded for voids, patched concrete, and removed existing lane and target tiles
- Power washed the entire pool shell, and all starting blocks, lifeguard chairs, gutters, and other equipment
- Installed new ladders, including a new ADA accessible walking ladder system
- Refilled the pool with 130,000 gallons of pre-treated pool water

# WHAT'S BEEN DONE SO FAR?

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**BEFORE REPAIRS**

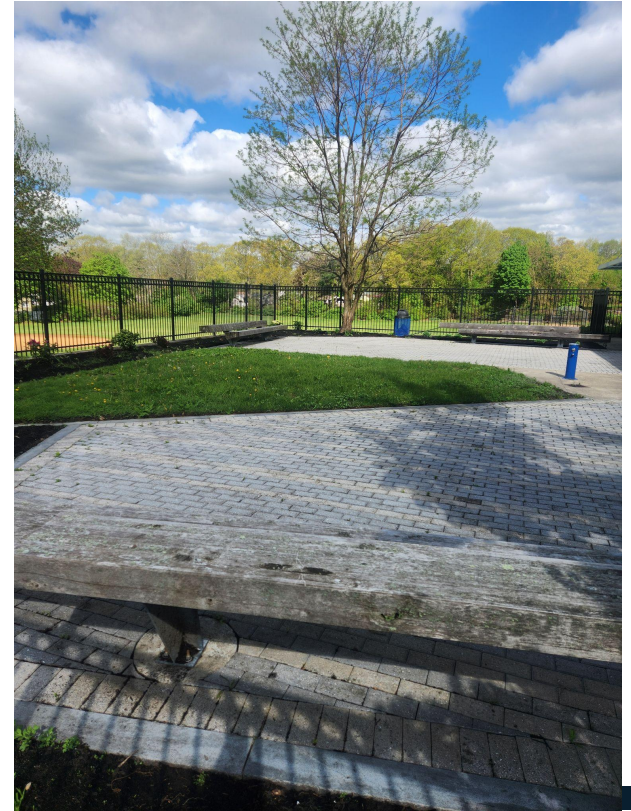


**AFTER REPAIRS**

## WHAT'S BEEN DONE SO FAR?



**COURTYARD BEFORE**



**COURTYARD AFTER**



## WHAT'S BEEN DONE SO FAR?

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REFILLED POOL

## WHAT'S BEEN DONE SO FAR?

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**REFILLED POOL**

## WHAT ARE THE ONGOING ISSUES?

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The existing surge tank has failed and needs to be replaced. We attempted to coat it with epoxy and waterproof it, but it is still not watertight.

### WHAT IS A SURGE TANK?

The **surge tank** is a large, underground tank that is situated between the pool and the filter room. It **collects “overflow” water** from the pool via the pool gutters and drains on the pool deck, and holds it where it can be sent back through the filtration system. This is done to **minimize the amount of untreated tap water used to top-up the pool** due to water loss from splashing and bathing



# WHEN CAN WE EXPECT THE POOL TO REOPEN?

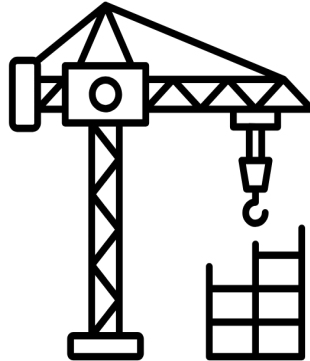
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## **Design**

*4-6 weeks*

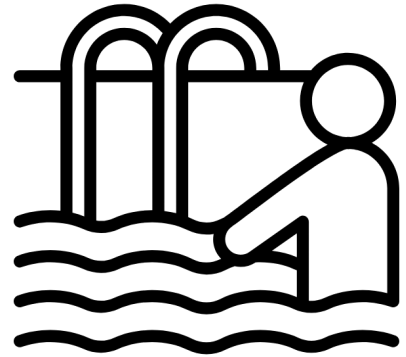
Now - late summer



## **Construction**

*8 weeks*

Late summer - early fall



## **Pool opening**

Late fall 2024

A wide-angle photograph of an indoor swimming pool. The pool is filled with clear blue water and has lane lines. The surrounding area is a light blue wall with large windows on the left. The ceiling is high with exposed pipes and lights. In the foreground, there is a tiled deck with a yellow and blue border. On the right side, there is a piece of exercise equipment. The text "THANK YOU QUESTIONS?" is overlaid in the center of the pool.

**THANK YOU  
QUESTIONS?**