

Casitas Municipal Water District
RECREATION COMMITTEE
Agenda
Brennan/Kaiser
February 8, 2022 – 10:00 a.m.

This meeting will be conducted via teleconference.

To participate or listen to the meeting please call

(888) 788-0099 or (877) 853-5247

Enter Meeting ID: 967 5174 7493#

Passcode: 181130#

1. Roll Call
2. Public comments.
3. Update on the replacement of the Casitas Water Adventure Aquatic Play Structure (APS).
4. Review of December 2021 Recreation Report.
5. Review of Incidents and Comments.

Right to be heard: Members of the public have a right to address the Board directly on any item of interest to the public which is within the subject matter jurisdiction of the Board. The request to be heard should be made immediately before the Board's consideration of the item. No action shall be taken on any item not appearing on the agenda unless the action is otherwise authorized by subdivision (b) of §54954.2 of the Government Code. If you require special accommodations for attendance at or participation in this meeting, please notify our office 24 hours in advance (805) 649-2251 ext. 113. (Govt. Code Section 65954.1 and 54954.2(a). Please be advised that members of the Board of Directors of Casitas who are not members of this standing committee may attend the committee meeting referred to above only in the capacity of observers, and may not otherwise take part in the meeting. (Govt. Code Sections 54952.2(c)(6)

CASITAS MUNICIPAL WATER DISTRICT
Interdepartmental Memo

DATE: February 3, 2022

TO: Recreation Committee

FROM: Michael Flood, General Manager

SUBJECT: Casitas Water Adventure Play Structure Update

REQUEST OF THE COMMITTEE

The Recreation Committee requested an update on the replacement of the Casitas Water Adventure Play Structure.

BACKGROUND AND OVERVIEW

The Casitas Water Adventure (CWA) has been closed since the end of the 2019-20 season due to the COVID-19 Pandemic. In preparation of the 2021 season, Lake Casitas Recreation Area engaged Counsilman-Hunsaker, a consultant firm in the aquatics industry, to perform a facility audit of the existing Aqua Play Structure (APS). The subsequent evaluation of the structure and its physical condition indicated that the existing APS had exceeded its expected lifespan of fifteen years, being currently twenty-three years old. The existing APS was then dismantled and removed.

LCRA staff began seeking a replacement of the CWA APS with a more modern structure able to accommodate a larger number of guests. Also, the ability to accommodate children, teens, and adults as compared to the old APS which could only be used by children under 48 inches tall would be a plus.

ANALYSIS

In October of 2021, LCRA staff attended the World Waterpark Association's annual conference and contacted various manufactures specializing in waterslides, multi-level water play structures and filtration systems.

Several manufacturers provided information regarding design, planning, engineering, installation, and maintenance of an APS. One important element is the ability to place a replacement APS in the current footprint of the previous play structure, which would minimize construction time and cost. All structures have structural steel features and supports, fiberglass decking and stairs, acrylic guard panels, and stainless guard railings.

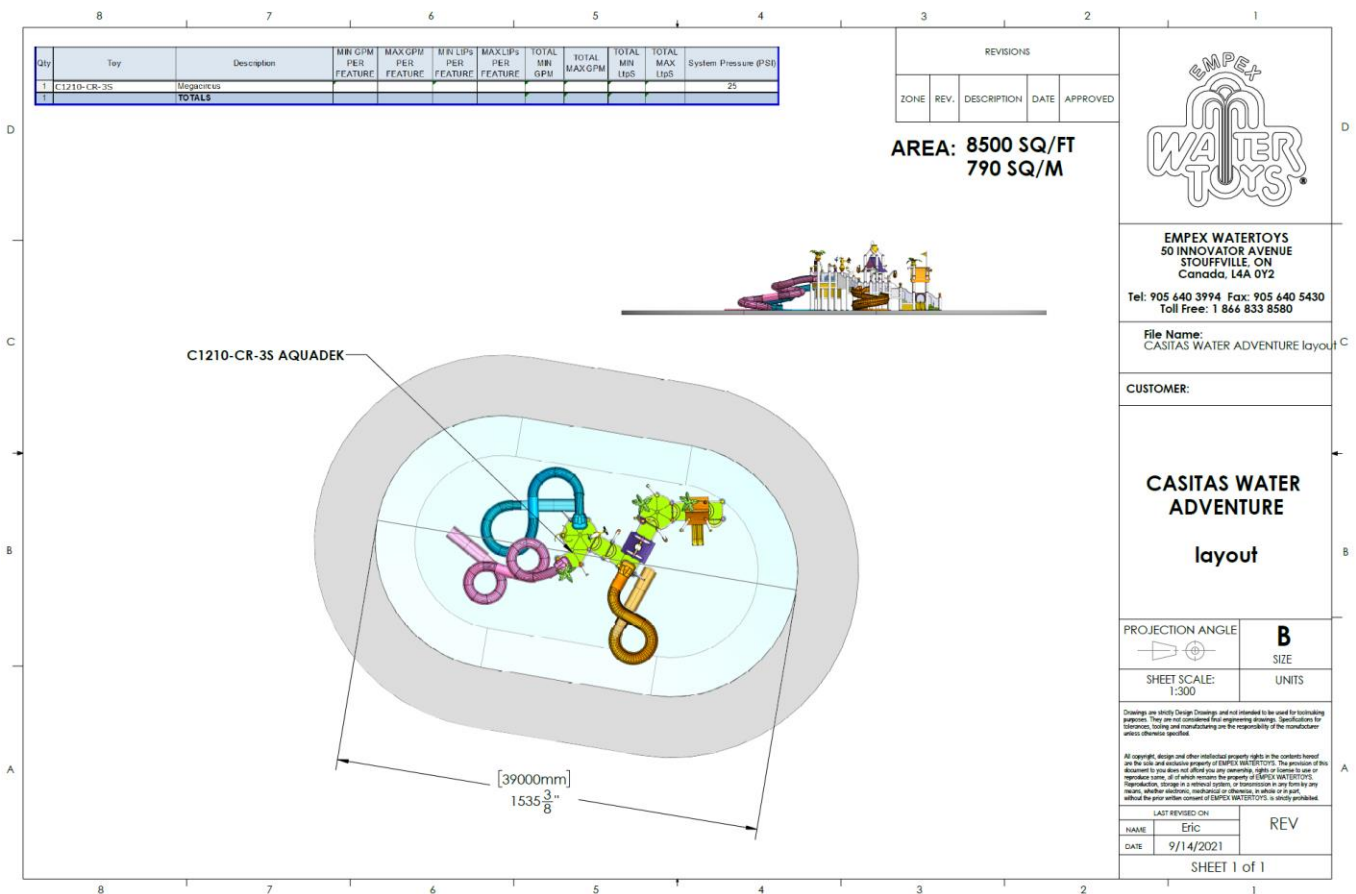
Three estimates were received from APS manufacturers that fit existing footprint:

1. **Empex Watertoys** (Ontario, Canada)

C1210 Aquadek

This unit is similar to the previous Casitas Water Adventure APS and includes 28 water event features and three slides that cater to toddlers and teens. The instantaneous capacity for the C1210 is approximately 350.

The quoted price for the C1210 structure in Sept 2021 was \$597,870. The estimated installation cost is \$210,000 for a total estimated cost of **\$ 807,870.**



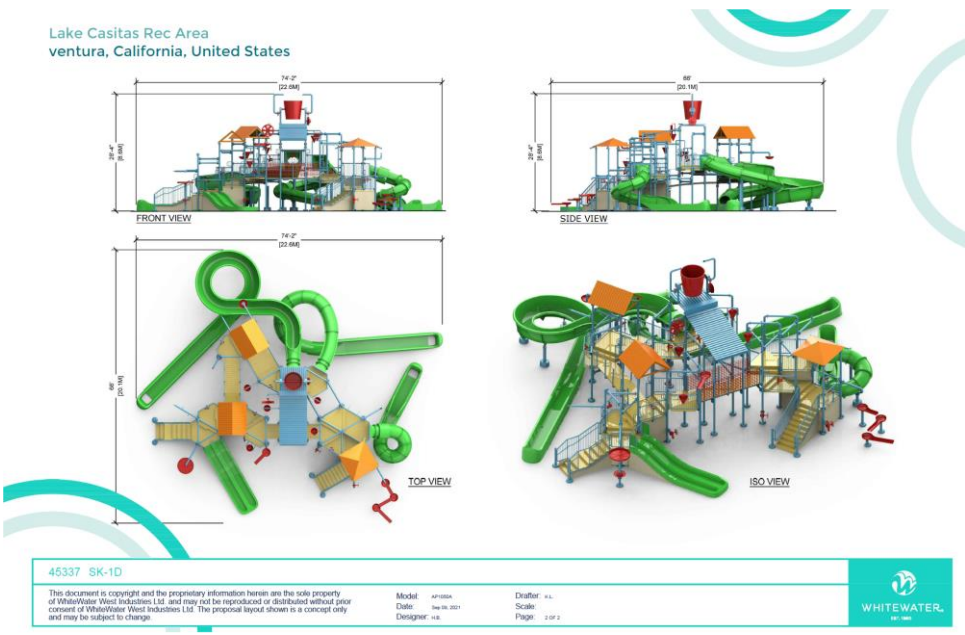
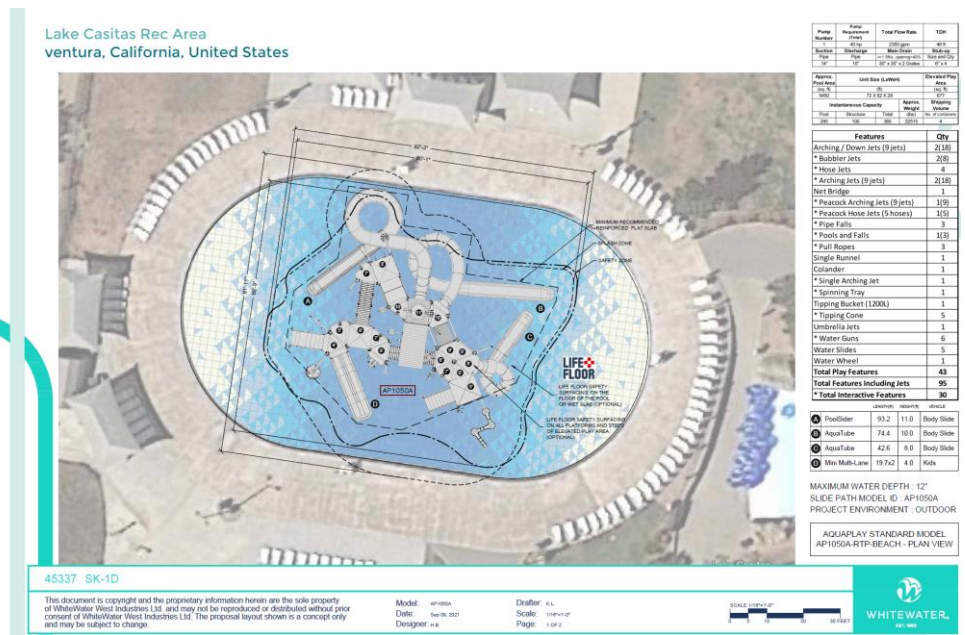
2. Whitewater West Industries (San Diego, Ca.)

Whitewater West Industries Ltd, submitted estimates for two different sizes:

Aqua Play 1050

This APS is approximately 5,450 sq. ft, with 95 features, two kid slides, three water slides (teen/adults) with the highest slide at 11 feet. The instantaneous capacity for the AP1050 is 285 for the pool and 100 for the structure for a total of 385 guests.

As of 1/24/2022 the cost for the AP 1050 is \$649,750. Installation is estimated at 35% of the purchase price or approximately \$230,000 for an estimated total cost of **\$ 879,750.**

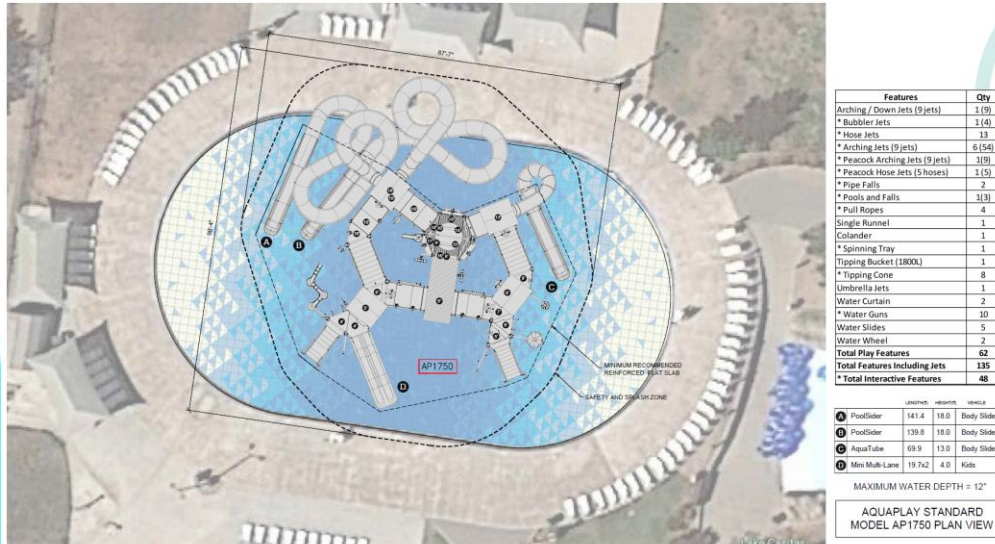


Aqua Play 1750

This APS is approximately 6,250 sq. ft, with 135 features, two kid slides, three water slides (teen/adult) with the highest slide at 18 feet. The instantaneous capacity for the AP1750 is 339 for the pool and 201 for the structure for a total of 540 guests.

As of 1/24/2022 the cost of the AP1750 is \$924,600. Installation is roughly 35% of the purchase price or approximately \$325,000 for an estimated total of **\$ 1,249,600.**

Lake Casitas Rec Area
ventura, California, United States



45337 SK-3

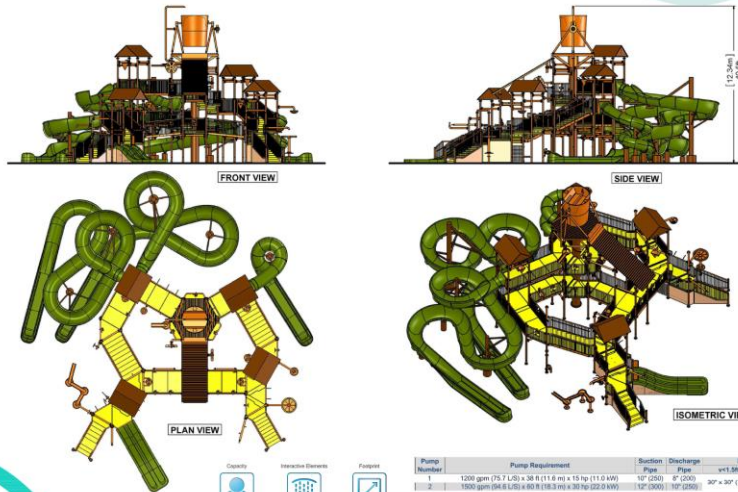
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Model: AP1750
Date: Jun 16, 2021
Designer: xia

Drafter: x.l.
Scale: 1/8"=1'-0"
Page: 1 OF 2



Lake Casitas Rec Area
ventura, California, United States



Pump Number	Pump Requirement	Basin	Discharge	Main Drain	Stack-up
1	1200 gpm (7.1 L/s) @ 38 ft (11.6 m) @ 15 ft (4.6 m)	14" (356)	4" (102)	v1.1 Min. opening=40%	Size and Qty
2	1500 gpm (94.6 L/s) @ 40 ft (12.2 m) @ 10 ft (3.0 m)	12" (305)	1/2" (12.7)	30" x 30" (762 x 762) @ 3 gables	4" (102) x 8 pipes

Approx. Pool Area	Unit Size (LxWxH)	Elevated Play Area	Instantaneous Capacity	Approx. Weight	Shipping Volume
(sq. ft) (sq. m)	(ft. ft) (m)	(sq. ft) (sq. m)	Pool Structure	Total (lbs) (kg)	No. of containers
6250	74.27 x 84.1	22.7 x 20.5 x 10.2	339	3460	30/19

45337 SK-3

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Page: 2 OF 2



3. SplashTacular Waterslides and Waterpark Attractions, LLC (Paola, Kansas)

Mega Play Unit (MPU)

This APS is similar to Whitewater's AP1750, with the exception of an additional slide and a customizable theme (campsite theme shown). This structure would be expected to have a similar instantaneous capacity to that of the Whitewater AP 1750 (540 guests). As of December of 2021 the cost of the structure was \$1,502,000. The installation cost is estimated at \$225,530 for an estimated total cost of **\$1,727,530**.



SPLASHTACULAR
Waterslides and Waterpark Attractions

MPU Aquatic Play Unit - Campsite Theme
Lake Casitas

APU3
11/16/2021
Page 1 of 3

Regenerative Media Filtration System

The installation of a new APS should include an updated filtration system. Staff is looking to upgrade all of the waterpark's sand filters to a Regenerative Media Filtration System and has contacted three manufacturers specializing in this technology for cost estimates. These systems require less maintenance, less backwashing, and produce less water waste than that of the existing sand filtration system.

Three estimates have been received from the following manufactures and all provide a fifteen-year warranty. The goal is to provide a cost-effective aquatic regenerative media filter.

1. AquaRevival

- BSG40 – 705 Sq. Ft Filtration Area, 8” valves: \$ 61,844.40 (Play Structure)
- BSG60 – 1667 Sq. Ft. Filtration Area, 12” valves: \$ 93,679.20 (Lazy River)
- Startup (Optional): \$ 1,500.00
- Freight Quote to follow separate cover

Total: **\$ 157,023.60** as of Oct 2021

2. Paddock Pool Equipment Company:

- Paddock Regenerative Pressure Filter - PPEC 700S: \$ 69,764.00 (Play Structure)
- Additional 20hp, 480V NEMA 1, Manual bypass: \$ 5,179.00
- Paddock Regenerative Pressure Filter - PPEC 2100: \$ 122,756.00 (Lazy River)
- Additional 50hp, 480v, NEMA 1, Manual bypass: \$ 8,294.00
- Freight estimate \$ 9,500.00

Total: **\$ 215,493.00** as of Sept 2021

Neptune Benson:

- Defender Filter SP-41-48-1038
- Defender Valve Kit 120V
- Compressor Air 2hp 115v
- Defender tool kit

Total: \$102,591.18 (Play Structure)

- Defender Filter SP-49-48-1548
- Defender Valve Kit 120V
- Compressor Air 2hp 1ph 115v
- Defender tool kit

Total: \$247,027.66 (Lazy River)

- Freight \$ 8,000.00

Grand Total: **\$357,618.84** as of Sept 2021

CASITAS MUNICIPAL WATER DISTRICT
LAKE CASITAS RECREATION AREA

DATE: January 31, 2022
 TO: Michael Flood, General Manager
 FROM: Joe Martinez III, Park Services Manager
 SUBJECT: Recreation Area Monthly Report for December 2021

Visitation Numbers

The following is a comparison of visitations for Dec 2021

	Dec 2021	Dec 2020	Nov 2021
Visitor Days	27,904	26,888	39,488
Camps	3,482	*913	4,061
Cars	6,976	10,283	9,872
Boats	45	197	149
Kayaks & Canoes	0	0	0

Visitor Day Totals for Fiscal Year through Nov 2021	
2020/2021	279,216
2021/2022	328,864
%Change	15.096%

*The formulas for calculating the above attendance figures derived from the daily cash reports are as follows:

Visitor Days = Daily vehicles + 30 minute passes X 3 + café passes + attendance at special events + annual vehicle decals + replacement decals + campsites occupied + extra vehicles X 4

Camps = Campsites occupied + extra vehicles

Cars = Daily vehicles + 30 minute passes X 3 + café passes + attendance at special events + annual vehicle decals + replacement decals + campsites occupied + extra vehicles

Boats = Daily boats + overnight boats + annual decals + replacement decals

Kayaks & Canoes = Daily kayaks and canoes + overnight kayaks and canoes + annual kayaks and canoes

In December 2021, The Lake Casitas Recreation Area was opened at a 100% for all camping. High touch areas such as restrooms, showers and Chemical toilets, continued to be cleaned daily. LCRA staff continue to follow District guidelines by wearing mask and maintaining distance when dealing with the public.

The Following events were held in December:

The SoCalCross Prestige Series event and campout was held in Lakeside and campground Greb. The event had approximately 95 participants on Saturday and 75 on Sunday.

The Event Area was host for a celebration of life. The celebration was well attended with approximately 100 in attendance.

The monthly night fishing from the shoreline was held on the New Moon weekend.

There were 225 vessels retagged for reentry, 17 vessel inspections with 15 vessels passing, and 2 failures.

The number of fishing guided trips for 2021, as reported by the fishing guides was 357.

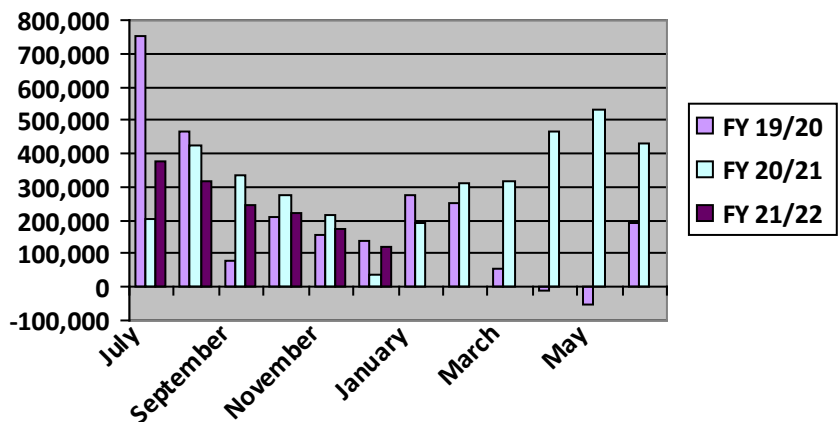
Maintenance completed another restroom remodel in campground Fox, and began painting the restrooms in campground Angler. The remaining three restrooms will be completed by 2023. All restrooms were old pit toilets and they had not been cleaned out since the conversion to flushing toilets. Also completed was a new storage for Water Park.



The Casitas Water Adventure staff is preparing for the first group of lifeguards to begin testing, training and classroom time, in preparation for the upcoming season. The testing and training of lifeguards, will continue for the next three months.

Revenue Reporting

Fiscal year's total figures are reported when made available for the respective months (operations, concessions, Casitas Water Adventure, etc.) per the District's Financial Summary, generated by the Chief Financial Officer.



*LCRA was 100% closed April, and May of 2020 due to the Pandemic COVID-19