

Casitas Municipal Water District
RECREATION COMMITTEE
Agenda
Brennan/Kaiser
March 9, 2021 – 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. Board/Management comments.
4. LCRA Sewer Implementation Plan discussion.
5. Discussion regarding the recommendation to cancel the opening of the Casitas Water Adventure for the 2021 Season.
6. Discussion regarding the Eagles at Lake Casitas Recreation Area.
7. Discussion regarding Doggie Waste Bag issues.
8. Review of January 2021 Recreation Report.
9. 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
MEMORANDUM**

TO: RECREATION COMMITTEE
FROM: MICHAEL L. FLOOD, GENERAL MANAGER
SUBJECT: LAKE CASITAS RECREATION AREA SEWER IMPLEMENTATION PLAN
DATE: 03/09/21

RECOMMENDATION:

Receive a presentation on the Lake Casitas Recreation Area (LCRA) Wastewater Collection Implementation Plan

BACKGROUND AND DISCUSSION:

In January 2020, the Board authorized a Task Order with MNS Engineers, Inc. to prepare an LCRA Wastewater Collection Implementation Plan. Wastewater is generated from the camping area restrooms, administrative buildings, shower buildings, recreational vehicle holding tanks, onsite stores, and restaurant. Since they are not connected to a common collection system, the wastewater is collected by a 3,500-gallon pumper truck from storage pits at various sites throughout the recreation area. Each truck load is disposed at the Ojai Valley Sanitary District (OVSD) Wastewater Treatment Plant, approximately 7.2 miles from the source.

In 2016, Hasan Consultants performed a Sewer Feasibility Study to identify the facilities and associated costs necessary to directly discharge wastewater from the LCRA to OVSD. This investigation identified current and future wastewater generation estimates, pipeline alignments and cost, and compared the benefit of reduced trucking operations to the cost estimates for pipeline construction.

The LCRA Wastewater Collection Implementation Plan provides a clear plan for implementation. The scope of work included:

- Project management and meetings
- Background Research
- Alternatives Development
- Additional Analysis
- Draft and Final Plan

District staff will provide a presentation of the LCRA Wastewater Collection Implementation Plan for the Recreation Committee.

BUDGET IMPACT:

The project was included in the FY 2020-21 budget. Funds will be requested in the FY 2021-22 budget for design of Phase 1.

Attachment: Lake Casitas Recreation Area Wastewater Collection Implementation Plan, MNS Engineers, March 2021



Lake Casitas Recreation Area Sewer Implementation Plan

Recreation Committee
March 9, 2021



Agenda

- Background
- Project Description
- Phasing
- Cost Estimate
- Recommendation



BACKGROUND



FUTURE WASTEWATER FACILITY INFRASTRUCTURE

FACILITY NUMBER	FACILITY NAME	INFRASTRUCTURE	SURFACE ELEV.
26	CAMP O	3 RESTROOMS - 2 STALLS EACH	676 FT
27	CAMP K	1 RESTROOM - 4 STALLS AND 6 SHOWERS	613 FT
28	CAMP M	4 ADDED STALLS TO EXISTING RESTROOMS	615 FT
29	CAMP I	25 RV SITES	603 FT
30	CAMP P	1 RESTROOM - 1 STALL	647 FT
31	CAMP T	1 RESTROOM - 2 STALLS	635 FT
32	LAKESIDE OVERFLOW	1 RESTROOM - 2 STALLS	567 FT
33	PARK STORE	4 ADDED STALLS TO EXISTING RESTROOMS AND 8 SHOWERS	598 FT
34	CAMP D	1 RESTROOM - 2 STALLS	581 FT
35	CAMP C	2 ADDED STALLS TO EXISTING RESTROOMS	588 FT
36	FUTURE EVENTS AREA RESTROOM	1 RESTROOM - 8 STALLS	583 FT
37	INSPECTION STATION	BOAT WASHDOWN	599 FT



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**CASITAS MUNICIPAL WATER DISTRICT
LAKE CASITAS RECREATIONAL AREA CAMPGROUND
SEWER IMPLEMENTATION PLAN
FUTURE FACILITIES**

**FIGURE
2-3
JANUARY 2021**



BACKGROUND

- Previous Studies
 - Boyle Engineering 1976
 - Principal Civil Engineer 1998
 - Hasan 2017
- Current Estimate
 - 31.25 gpm (Table 3-1)
 - 20.07 gpm (Table 3-2)
 - Total 51.32 gpm peak hourly flow





PROJECT DESCRIPTION



LEGEND

- FM — FORCE MAIN
- GS — GRAVITY SEWER

ABBREVIATIONS

- SL SEGMENT LENGTH
- OVSD OJAI VALLEY SANITARY DISTRICT

NOTES :

1. ALIGNMENTS, LIFT STATION LOCATIONS, ALL SURFACE ELEVATIONS AND SEGMENT LENGTHS ARE APPROXIMATE.



**CASITAS MUNICIPAL WATER DISTRICT
LAKE CASITAS RECREATIONAL AREA CAMPGROUND
SEWER IMPLEMENTATION PLAN
CONNECTION ALTERNATIVES TO THE OVSD COLLECTION SYSTEM**

**FIGURE
3-1
JANUARY 2021**



C:\Users\mns\OneDrive\Documents\CASWD\Casitas Water District\CASWD 1801133 231 Lake Casitas Campground WW Plant\0_Eng\CAD\CAD\Sheet\Figure 3-1.dwg



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LEGEND

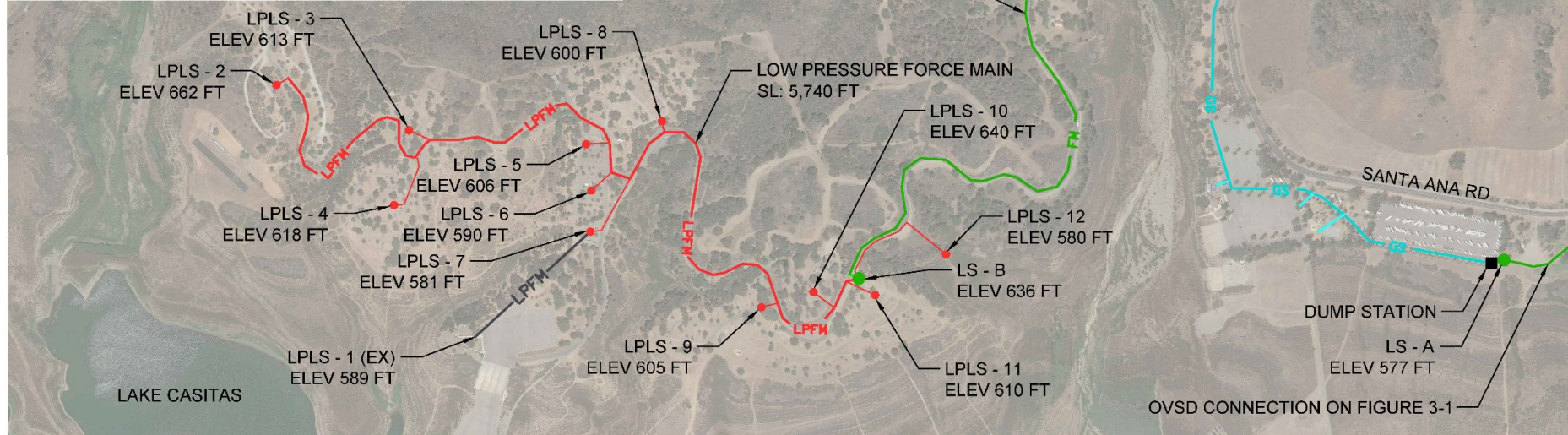
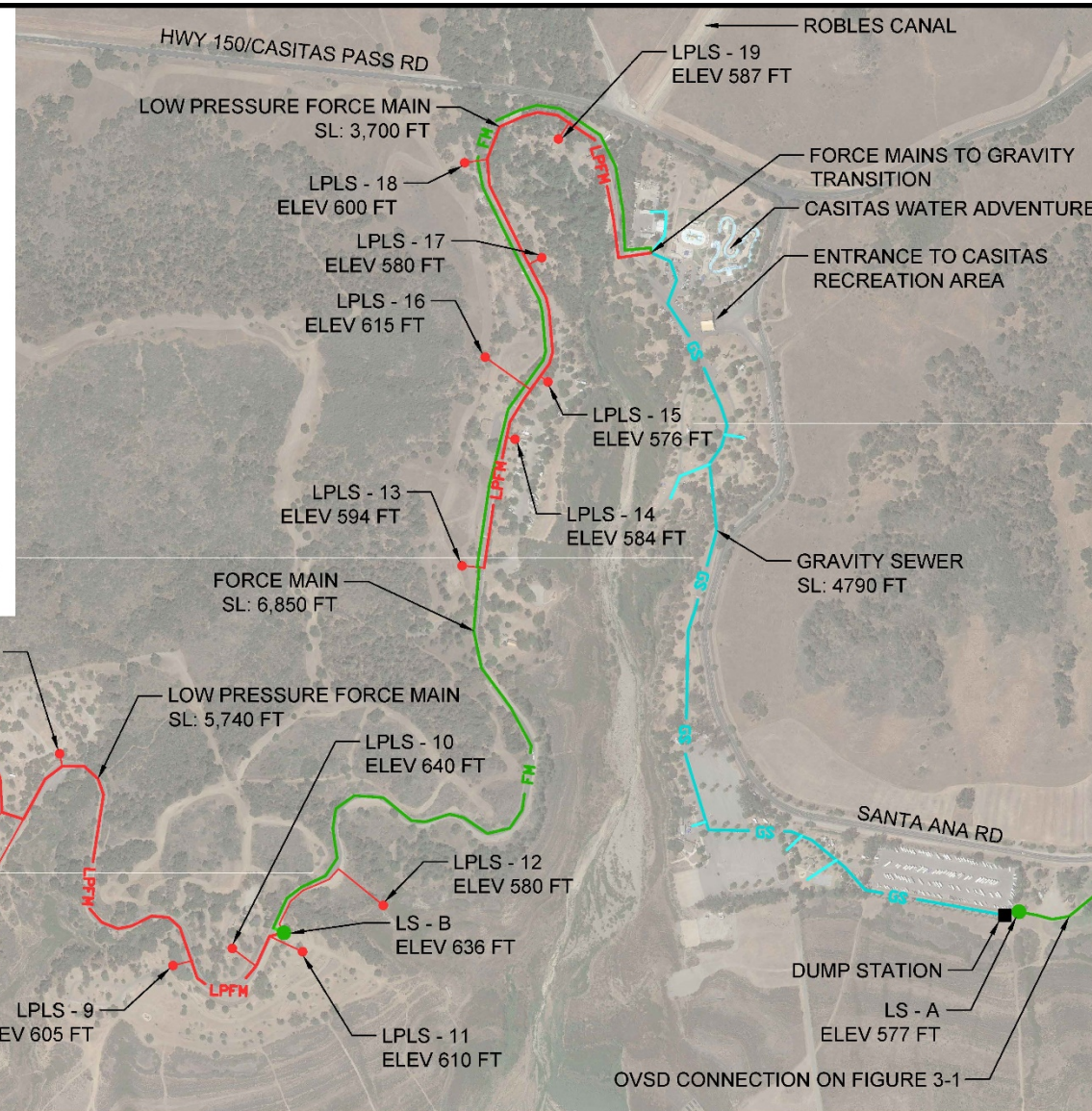
- **FM** — FORCE MAIN
- **LPFM** — LOW PRESSURE FORCE MAIN
- **GS** — GRAVITY SEWER
- **LPFM** — EXISTING LOW PRESSURE FORCE MAIN
- LOW PRESSURE LIFT STATION
- LIFT STATION
- DUMP STATION (OPTIONAL)

ABBREVIATIONS

- | | |
|------|---------------------------|
| SL | SEGMENT LENGTH |
| LPLS | LOW PRESSURE LIFT STATION |
| LS | LIFT STATION |

NOTES :

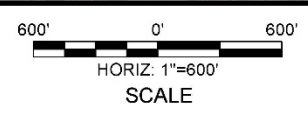
1. ALIGNMENTS, LIFT AND DUMP STATION LOCATIONS, ALL SURFACE ELEVATIONS, AND SEGMENT LENGTHS ARE APPROXIMATE.



C:\Box\Projects\CASWD\Casitas Water District\CA SWD_160163_231 Lake Casitas Campground WWP Plan01.Fg\CD\Exhibit\Figure 3-2.dwg

MNS
ENGINEERS INC
ENGINEERING | SURVEYING
CONSTRUCTION MANAGEMENT

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**CASITAS MUNICIPAL WATER DISTRICT
LAKE CASITAS RECREATIONAL AREA CAMPGROUND
SEWER IMPLEMENTATION PLAN
PROPOSED FACILITIES**

**FIGURE
3-2
JANUARY 2021**



PROJECT DESCRIPTION

Pump Station ID	Design Parameters	Pump Recommendation
Lift Station A	Q=50 GPM, H=100'	Submersible Grinder Lift Station, 1 Duty 1 Standby Pump. Two 6 HP Submersible Grinder Pumps, Flygt M 3102 HT or equal
Lift Station B	Q=22 GPM, H=66'	Submersible Grinder Lift Station, 1 Duty 1 Standby Pump. Two 4 HP Submersible Grinder Pumps, Flygt 3085 or equal
LPLS – 2 Through LPLS-19	Varies	Submersible Low-Pressure Package Grinder Lift Stations. Submersible Grinder Package Pump Stations <ul style="list-style-type: none"> - DH071-74 Simplex, 700 GPD - DH151-74 Simplex, 1,500 GPD - DH152-93 Duplex, 3,000 GPD - WH482-92 Duplex 3,500 GPD - WH484-92 Quad, 7,000 GPD

PROJECT DESCRIPTION

Pump Station ID	Force Main Internal Diameter, Length, Flow Rate	Pipeline Type
Lift Station A	D=3"; L=3,120'; 50 GPM	HDPE 3" DR 17 (125 PSI), ID=3.06"
Lift Station B	D=2.5"; L=6,845'; 22 GPM	HDPE 2.5" DR 15 (110 PSI), ID=2.50"
LPLS – 2 Through LPLS-19	D=1.25" to 2.5"; L=6,845'; Flows Vary	HDPE 1.25" to 2.5" DR 14 (110 PSI), ID=1.25" to 2.50"
Gravity Line	Gravity Main Length	Pipeline Type
Water Adventure to LS-A	L=4,790'	8" PVC SDR 35
LS-A FM Discharge to OVSD Connection	L=5,59'5	8" PVC SDR 35



PHASING





LEGEND - PHASED INFRASTRUCTURE CONSTRUCTION

- PHASE 1
- PHASE 2
- PHASE 3
- PHASE 4
- PHASE 5

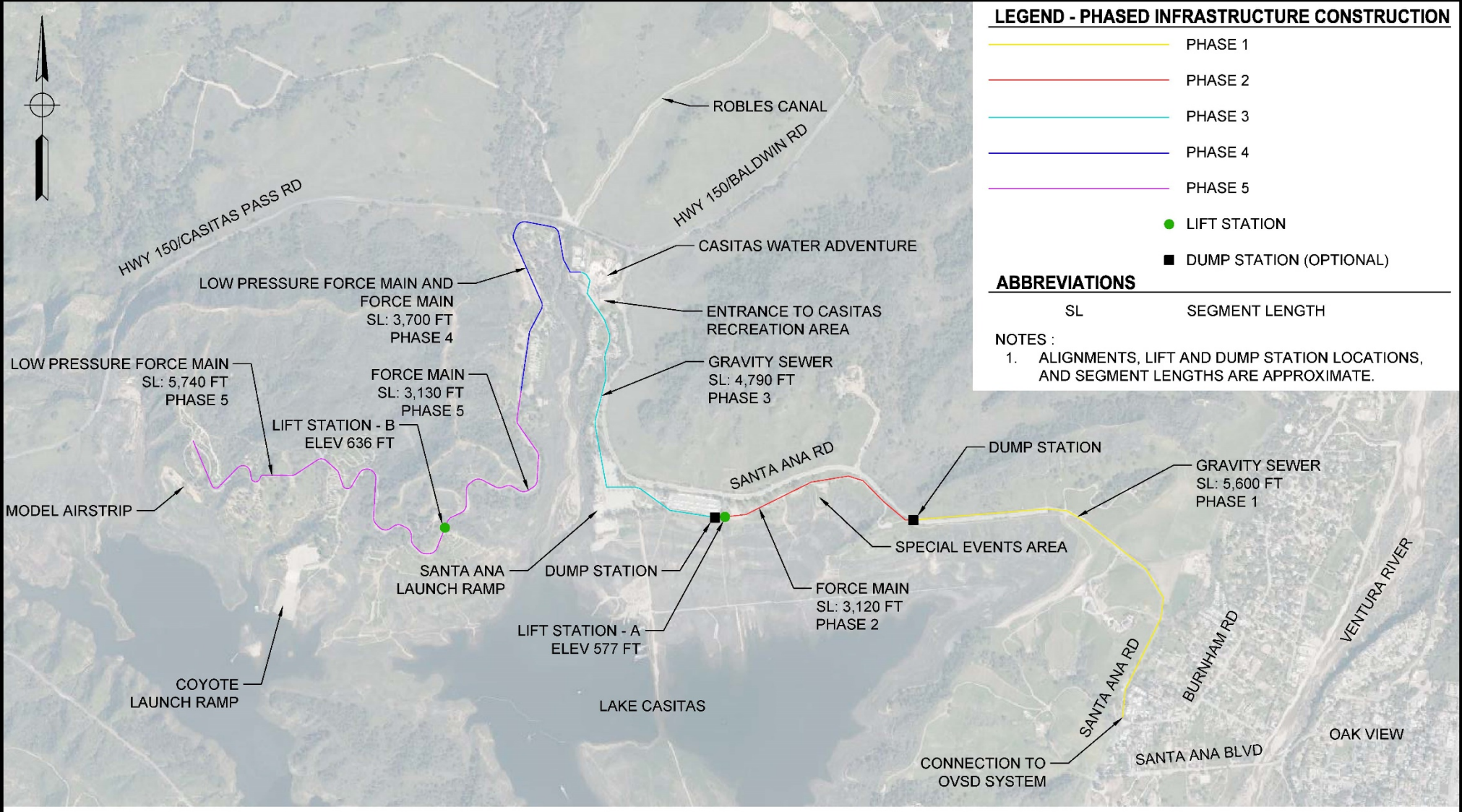
- LIFT STATION
- DUMP STATION (OPTIONAL)

ABBREVIATIONS

SL SEGMENT LENGTH

NOTES :

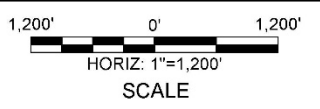
1. ALIGNMENTS, LIFT AND DUMP STATION LOCATIONS, AND SEGMENT LENGTHS ARE APPROXIMATE.



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**CASITAS MUNICIPAL WATER DISTRICT
LAKE CASITAS RECREATIONAL AREA CAMPGROUND
SEWER IMPLEMENTATION PLAN
PHASING PLAN**

**FIGURE
3-3
JANUARY 2021**



PHASING

Phase	Infrastructure Included	Quantity
1	<ul style="list-style-type: none"> 8" PVC Gravity Sewer and Manholes Dump Station (Optional) 	5,600 LF 1
2	<ul style="list-style-type: none"> Lift Station A, Two 6 HP Pumps 3" HDPE Force Main Dump Station (Optional) 	1 3,120 LF 1
3	<ul style="list-style-type: none"> 8" PVC Gravity Sewer and Manholes Water Adventure Connection Service Connections to Gravity Line 	4,800 LF 1 9
4	<ul style="list-style-type: none"> 1-1/4" to 2.5" HDPE Low Pressure Force Main 2.5" HDPE Force Main (Future Use) Lift Stations - Low Pressure Grinder Pump Station with Service Connections 	3,700 LF 3,700 LF 7
5	<ul style="list-style-type: none"> 1-1/4" to 2.5" HDPE Low Pressure Force Main Lift Stations - Low Pressure Grinder Pump Station with Service Connections Lift Station B, Two 4 HP Pumps 2.5" HDPE Force Main 	5,740 LF 11 1 3,130 LF



PHASING – Electrical Requirements

- Wastewater-related
 - Depends on Phase
 - Solar may be feasible for smaller loads
 - Some SCE upgrades required for Phases 2, 4 and 5
- Non-wastewater-related
 - Upgrade campsites 30 amps to 50 amps



COST ESTIMATE



COST ESTIMATE

Phase	Construction Cost	Total Project Cost
1	\$1,580,000	\$2,090,000
2	\$800,000	\$1,060,000
3	\$1,370,000	\$1,810,000
4	\$1,490,000	\$1,970,000
5	\$2,590,000	\$3,420,000
Total	\$7,830,000	\$10,350,000



RECOMMENDATIONS



RECOMMENDATIONS

- Pursue design of Phase 1 in FY 21-22
- Pursue CEQA/NEPA compliance and permits in FY 22-23
- Continue coordination with OVSD



QUESTIONS?



**CASITAS MUNICIPAL WATER DISTRICT
Interdepartmental Memo**

DATE: 02/25/2021

TO: Michael Flood, General Manager

FROM: Joe Martinez III, Park Services Manager

SUBJECT: Casitas Water Adventure

RECOMMENDATION

It is recommended we cancel the opening of the Casitas Water Adventure for the 2021 season.

BACKGROUND AND OVERVIEW

The Casitas Water Adventure (CWA) has been closed since the end of the 2019-20 season due to the ongoing Covid-19 Pandemic. Many of the same challenges exist today as they did last year.

The CWA consists of two attractions, a Play Structure for our younger visitors and the Lazy River for all our visitors. The Lazy River is licensed in California as an amusement ride because it conveys our customers during its use. Currently amusement parks / rides are still closed in California due to Covid-19. According to California's reopening policies, smaller Amusement Parks would be allowed to open in the yellow Tier 3 • 25% capacity or 500 people, whichever is fewer • Outdoor attractions only • In-county visitors only • Advanced reservations only.

During the current closure CWA staff has remained busy completing major repairs, replacing one of two 15hp pump motors. One of the pumps failed after its third rebuild and a new motor was purchased and installed. A chemical controller (Chemtrol), two chemical pumps and a test cell were installed. This is an upgrade to maintain water quality. CWA staff continue to maintain and service all equipment in hopes of a 2021 season.

Training and Recruitment of Lifeguards remains a major challenge in the efforts to open the CWA for 21 season. During November and December, CWA staff normally visit local high schools and colleges to recruit life guards for the upcoming season. In January 2021 schools are still closed due to Covid-19 and the recruitment of qualified lifeguards has been postponed till schools open. This will create timing issues when we need to hire and train almost 40 lifeguards to open the CWA at any level of service.

Once recruitment can be completed, staff will take up the task of training thru Red Cross protocols. This is a significant task as it takes a significant number of trained lifeguards to maintain a safe environment at the CWA. Currently we have three staff members qualified to teach the lifeguard training course. There are significant challenges to teaching the water rescue

and back boarding techniques under the current Covid-19 guidelines.

ANALYSIS

If the recruitment and training issues could be reconciled, we would still have the issue of the Covid-19 protocols. Ventura County would need to be in Yellow tier 3 for one week before we could even consider opening at 25% occupancy for the Lazy River. In addition we would need to provide sufficient personal distancing for our guests.

The possibilities of opening either the Lazy River or Water Play Structure at a reduced capacity poses its own challenges of social distancing requirements, occupancy capacity, staffing, and revenue verses operating costs. The other requirement would be the approval from the Ventura County Health Department for operations. Staff believes the Lazy River will not be allowed by California policy to open until Ventura County is in yellow Tier 3 for 5 consecutive days.

Opening the Lazy River at 25% occupancy would still require 40 life guards and all the training and Covid-19 precautions be in place prior to opening. Even if the Lazy River sold out every day there would still be a likely shortage of revenue versus operating expenses.

There is no viable way to open the Play Structure due to the Covid-19 cleaning requirements and the inability to provide social distancing for our younger guests who would utilize the Structure.

Opening weekend for the CWA is traditionally Memorial weekend. With the challenges listed above and the tight timeline for training and recruitment, it is highly unlikely that we could successfully open the Casitas Water Adventure for the 2021 season.

Information

Bald Eagles are federally protected. Bald Eagle nesting season runs from January to September. During that time, the Casitas Municipal Water District follows the recommendations set forth in the US Fish and Wildlife Bald Eagle Management Guidelines, to better protect the nesting Bald Eagles and their off-spring.

Rules

- Please stay on the Trail
- Please make every effort to limit noise while in the area of the Bald Eagle Nest Closure
- Please travel though the Bald Eagle Nest Closure with as little stopping as possible
- Please pick up your trash and after your pets
- Please remember to social distance



Photos provided by David Schaar



Lake Casitas Recreation Area

11311 Santa Ana Road
Ventura, CA 93001
(805) 649-2233

Lake Casitas Recreation Area




Wadleigh Arm Trail and Bald Eagle Nest Closure Map



Bald Eagle Nest Closure

Wadleigh Arm Trail
Please stay on trail

Legend

-  Bald Eagle Nest Closure
-  Wadleigh Arm Trail Head
-  Wadleigh Trail

Wadleigh Arm Trail Head

McPherson Way

Google Earth

© 2021 Google



900 ft

CASITAS MUNICIPAL WATER DISTRICT
Interdepartmental Memo

DATE:02/25/2021

TO: Joe Martinez, Park Services Manager

FROM: Joe Evans, Division Officer

SUBJECT: Doggie Waste Bag Issues

At the February 2, 2021 Recreation committee meeting, Director Pete Kaiser requested Staff look at the issue of used Doggie Waste Bags being left on the ground along trails within the Recreation Area.

Issue:

During this Covid-19 pandemic the Recreation Area has experienced a dramatic spike in day use. Included in this day use are the guests who arrive at the Recreation Area to walk their dogs. With this spike in day use we have an increase in the use of our trails and walking areas. As a part of this increase use we see people walking dogs within the Recreation Area are leaving used doggie bags on the ground along our trails.

Solution:

The combination of Public Outreach and installation of additional Doggie Waste Bag Dispensers, Trash cans and Public Signage.

Public Outreach:

Lake Casitas Park Rangers will begin a public outreach program where they will make consensual contacts with guests walking their dogs. Park Rangers will explain the issue at hand and request the help of all our guests to maintain a clean and safe Recreation Area. This will allow our guests to have a positive contact with our Park Rangers, while giving each Guest the opportunity to give information and ideas directly to the Park Ranger. This should give each guest a feeling of involvement and buy in on how the Reaeration Area is kept clean and safe.

Dispenser, Cans and Signage:

Three additional Doggie Waste Bag Dispensers will be installed in the areas of concern. Additional Trash cans will be placed in identified areas. Public signage will be installed in identified areas.

CASITAS MUNICIPAL WATER DISTRICT
LAKE CASITAS RECREATION AREA

DATE: February 25, 2021
 TO: Recreation Committee
 FROM: Joe Martinez III, Park Services Manager
 SUBJECT: Recreation Area Monthly Report for January 2021

Visitation Numbers

The following is a comparison of visitations* for Jan 2021

	Jan 2021	Jan 2020	Dec 2020
Visitor Days	37,024	25,000	26,888
Camps	784*	2,582	3,377
Cars	9,256	6,250	10,283
Boats	215	172	263
Kayaks & Canoes	8	9	1

Visitor Day Totals for Fiscal Year through Jan 2021	
2019/2020	345,144
2020/2021	401,817
%Change	-56,673

*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 January the State of California was under an emergency declaration, as well as the Casitas Municipal Water District due to the pandemic, COVID-19. The Lake Casitas Recreation Area responded to the State of California's protocol (stay home order), restricting all outdoor dining, activities, and overnight camping. All camping reservations, and events were canceled through January, with the exception of the Snowbird program. The Lake Casitas Recreation Area remained open for day-use (vehicles, boats, walk-in, bicycles).

On January 25th, the State of California lifted the restrictions allowing outdoor dining, activities, and overnight camping. Lake Casitas Recreation Area once again welcomed campers. The American Bass Association (ABA) held a COVID-19 compliant fishing tournament with 26 teams participating. The shoreline was also open for night fishing the weekend of the 29th. Boating remained active in January with 505 vessels tagged, and 18 out of 22 vessels passed the inspection for new vessel tags. One new fishing guide was also adding to the LCRA agreement.

Maintenance at LCRA is ongoing with the completion of an updated ADA site and a preview of future RV / Trailer sites. The improvements to the RV/Trailer sites will begin in Bass along the embankment overlooking Santa Ana Creek. The old post with the cable passing through, will be replaced with updated post and wood railings. This will improve the pad, protect pedestals, require less maintenance, and ADA accessible. Maintenance continued with tree trimming, mowing, and the clearing of debris from the heavy winds. A new drain was installed on the main road near picnic 8. The shower houses were flushed out after sitting all year. New aluminum picnic tables were assembled and placed out at the Event Area.



The Casitas Water Adventure area continued to improve the grounds surrounding the Lazy River and Play Structure fixing all the sump pumps in the vaults in preparation of rain. Chemical tanks were installed and a frame was built to secured the tanks in place. CWA staff continues to assist maintenance with the daily COVID restroom cleaning.

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.

