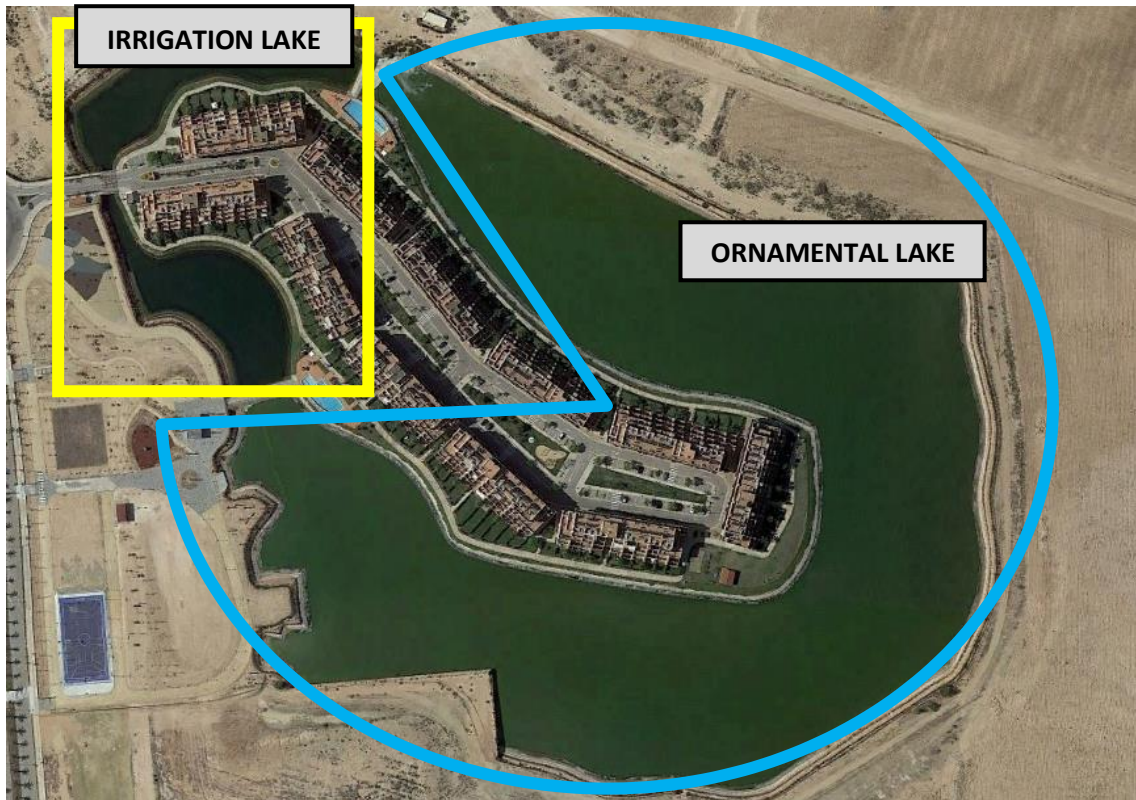


## INTRODUCTION

In order to provide more information and to be able to better study and plan irrigation frequencies in the future in the face of possible water restrictions, this report has been prepared, which shows the historical data recorded during July of 2021.

## IRRIGATION RESERVOIRS AND ORNAMENTAL LAKE

By way of explanation, 2 location plans of the different ponds and lakes included in this report are included:

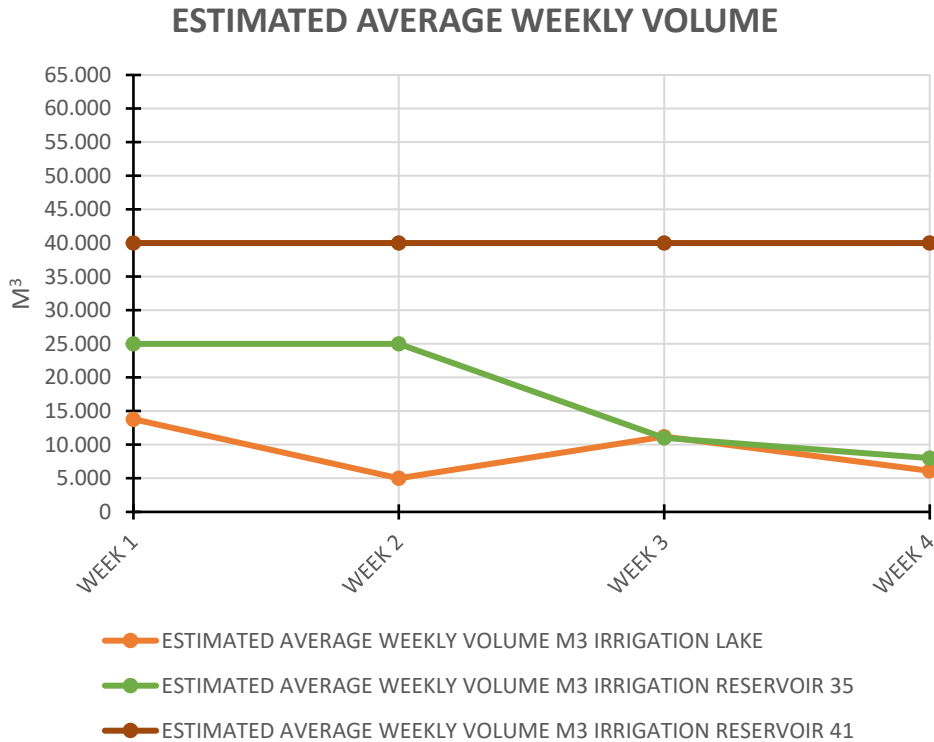


**1. VOLUMES**

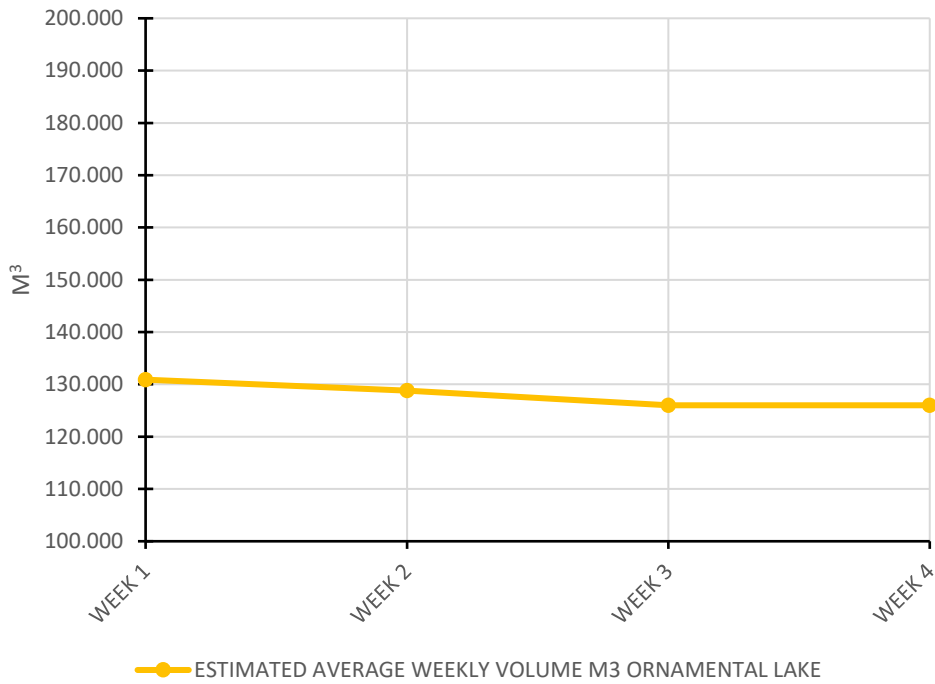
Below are the average data, recorded during July of 2021, about the state of the capacities of the irrigation reservoirs, as well as the ornamental lake:

ESTIMATED AVERAGE WEEKLY VOLUME M <sup>3</sup>									
	DATE	IRRIGATION LAKE	CAPACITY	ORNAMENTAL LAKE	CAPACITY	IRRIGATION RESERVOIR 35	CAPACITY	IRRIGATION RESERVOIR 41	CAPACITY
JULY	WEEK 1	13.800	69%	130.900	79%	25.000	46%	40.000	62%
	WEEK 2	5.000	25%	128.800	73%	25.000	46%	40.000	62%
	WEEK 3	11.200	66%	126.000	72%	11.000	20%	40.000	62%
	WEEK 4	6.100	30%	126.000	72%	8.000	15%	40.000	62%

With the data obtained, 2 graphs have been prepared, one to visualize the evolution of the weekly average volume of the different irrigation ponds and the other to visualize the evolution of the weekly average volume of the ornamental lake during this period:



**ESTIMATED AVERAGE WEEKLY VOLUME**



**2. DEPTHS**

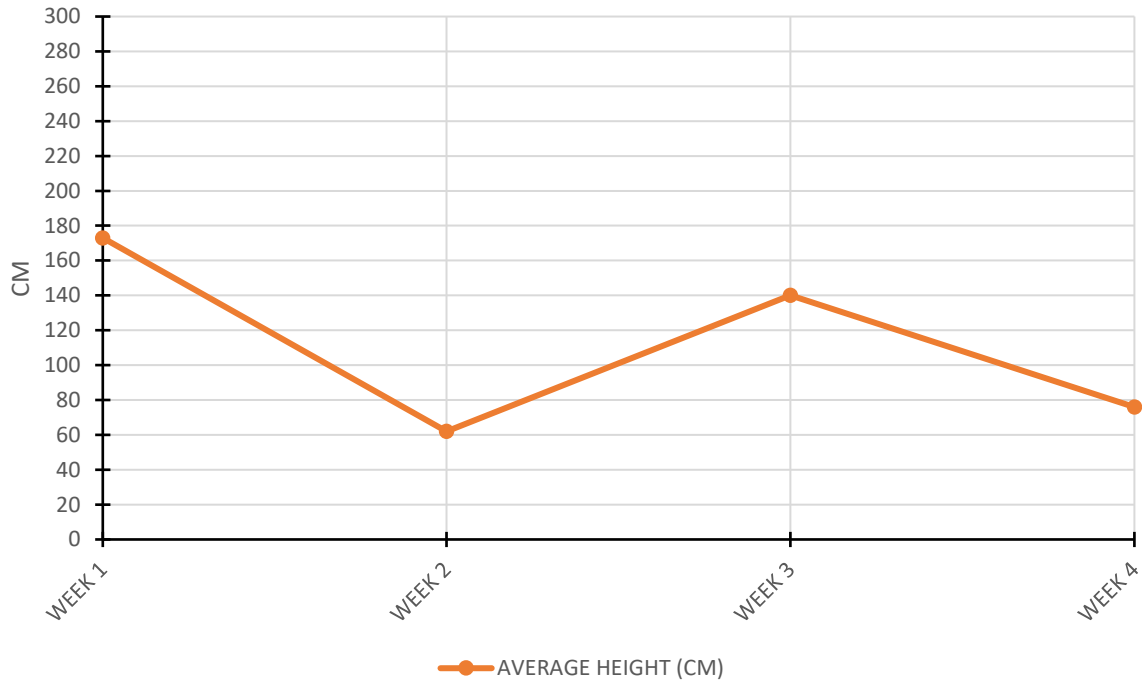
In turn, the measures of the depth of the irrigation lake and the ornamental lake have also been compiled, as well as evaporation throughout July of 2021:

IRRIGATION LAKE AVERAGE DEPTH (CM)			
	DATE	AVERAGE HEIGHT (CM)	EVAPORATION (CM)
JULY	WEEK 1	173	5
	WEEK 2	62	3
	WEEK 3	140	4
	WEEK 4	76	0

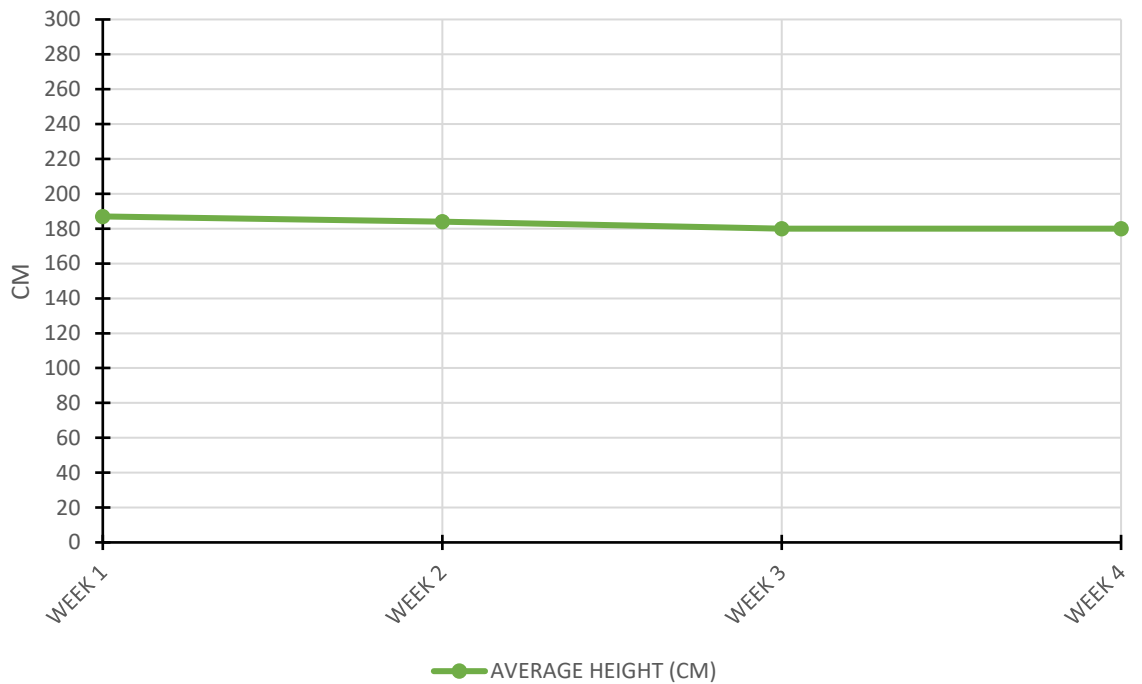
ORNAMENTAL LAKE AVERAGE DEPTH (CM)			
	DATE	AVERAGE HEIGHT (CM)	EVAPORATION (CM)
JULY	WEEK 1	187	5
	WEEK 2	184	3
	WEEK 3	180	4
	WEEK 4	180	0

In the same way, the measurements of the depth of the irrigation lake and the ornamental lake have also been compiled, as well as evaporation throughout July of 2021:

**IRRIGATION LAKE AVERAGE DEPTH**



**ORNAMENTAL LAKE AVERAGE DEPTH**

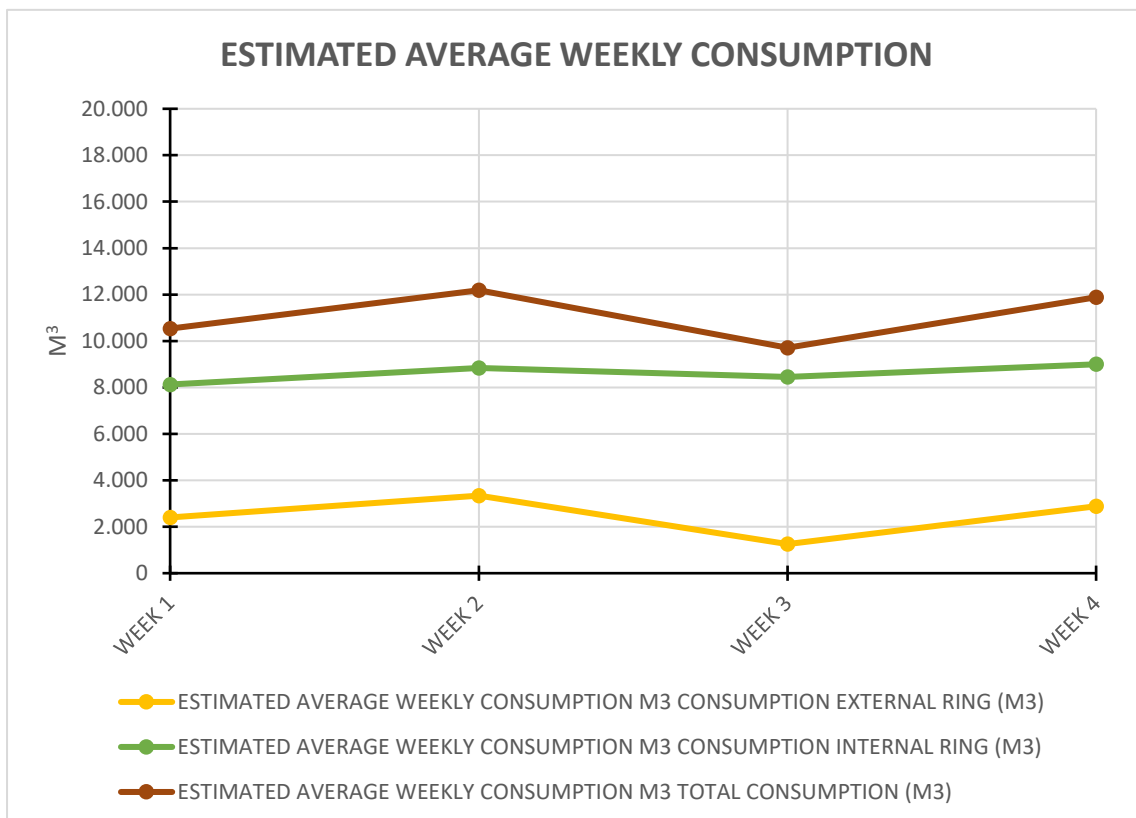


### 3. CONSUMPTIONS

On the other hand, the average data recorded during July of 2021, about the weekly consumption of the outer ring, inner ring and the total sum of both are shown here. In addition, the rainfall recorded throughout this period is also shown.

ESTIMATED AVERAGE WEEKLY CONSUMPTION M <sup>3</sup>					
	DATE	ACCUMULATED PRECIPITATION (L/M <sup>2</sup> )	CONSUMPTION EXTERNAL RING (M <sup>3</sup> )	CONSUMPTION INTERNAL RING (M <sup>3</sup> )	TOTAL CONSUMPTION (M <sup>3</sup> )
JULY	WEEK 1	0	2.405	8.127	10.532
	WEEK 2	0	3.341	8.844	12.185
	WEEK 3	0	1.254	8.456	9.710
	WEEK 4	0	2.882	8.997	11.879

Likewise, a graph has been prepared to better visualize the evolution of the average weekly consumption of irrigation in the outer ring, as well as in the inner ring and the total sum of both throughout this period:



**IRRIGATION TIMES AND FREQUENCIES**

The current weekly irrigation times and frequencies (July) are shown below:

SUMMER			
Zone	Area	Type of irrigation	Watering time
Outer Ring	lawn platforms	Sprinkling	6 d / 22 min (*)
	Medians and Roundabouts (grass)	Underground drip	6 d / 15 min
	Landscaping (shrubs)	Underground drip	4 d / 15 min
	New plantations (shrubs)	Underground drip	3 d / 30 min
	Stripes (wooded)	Underground drip	1 d / 15 min
Inner Ring	Lawn Platforms	Sprinkling	6 d / 22 min (*)
	Private houses and flower beds (lawns))	Diffusion	6 d / 6 min
	Stripes, medians and flower beds	Underground drip	6 d / 12 min
	Ornamental lake slope	Shallow drip	6 d / 10 min
Planters	Penthouses	Shallow drip	7 d / 10 min
	La Isla	Shallow drip	7 d / 10 min

**CHLORINE CONSUMPTION IN POOLS**

In order to improve the information about the chlorine consumption and costs, from STV Gestión we have implemented a new monitoring and monthly control for swimming pools in order to obtain more and precise data. Thus, here is a table that collects this information:

JULY CONSUMPTION					
	POOL	CHLORINE TABLETS (Kg)	GRANULATED CHLORINE (Kg)	CHLORINE LIQUID (L)	ACID (L)
LA ISLA	LI 2-3	0,0 Kg	2,0 Kg	203,0 L	60,0 L
	LI 9-10	0,0 Kg	2,0 Kg	255,0 L	80,0 L
NARANJOS	N2	3,0 Kg	0,0 Kg	340,0 L	0,0 L
	N4	1,50 Kg	0,0 Kg	300,0 L	60,0 L
	N5	1,5 Kg	0,0 Kg	280,0 L	100,0 L
	N6	1,50 Kg	0,0 Kg	180,0 L	80,0 L
	N7	0,0 Kg	2,0 Kg	300,0 L	60,0 L
	N8	0,00 Kg	2,0 Kg	360,0 L	80,0 L
PENTHOUSES	PH 2-3	0,0 Kg	2,0 Kg	200,0 L	63,0 L
	PH 5-6	0,00 Kg	2,0 Kg	180,0 L	60,0 L
	PH 9-10	0,00 Kg	0,0 Kg	180,0 L	40,0 L
	PH 12-13	2,00 Kg	0,0 Kg	240,0 L	60,0 L
JARDINES	J1	0,0 Kg	0,0 Kg	280,0 L	100,0 L
	J2	0,0 Kg	0,0 Kg	200,0 L	60,0 L
	J3	0,0 Kg	0,0 Kg	320,0 L	80,0 L
	J4	0,0 Kg	0,0 Kg	280,0 L	60,0 L
	J5	0,0 Kg	0,0 Kg	460,0 L	40,0 L
	J7	0,00 Kg	0,0 Kg	320,0 L	126,0 L
	J8	1,0 Kg	0,0 Kg	160,0 L	80,0 L
	J9	1,75 Kg	0,0 Kg	180,0 L	80,0 L
	J10	0,00 Kg	0,0 Kg	180,0 L	80,0 L
	J11	0,00 Kg	0,0 Kg	140,0 L	80,0 L
	J12	0,0 Kg	0,0 Kg	160,0 L	60,0 L
	J13	0,0 Kg	0,0 Kg	220,0 L	106,0 L
	<b>TOTAL CONSUMPTION</b>		<b>12,3 Kg</b>	<b>12,0 Kg</b>	<b>5918,0 L</b>
<b>COST</b>		<b>44,59 €</b>	<b>43,68 €</b>	<b>4039 €</b>	<b>830,72 €</b>
<b>TOTAL COST</b>		<b>4958,02 €</b>			

\*V.A.T. not included