



# Folsom City Council Staff Report

<b>MEETING DATE:</b>	11/8/2022
<b>AGENDA SECTION:</b>	Consent Calendar
<b>SUBJECT:</b>	Resolution No. 10942 – A Resolution Authorizing the City Manager to Execute an Agreement with Eagle Aerial Photography Inc. dba Eagle Aerial Solutions to Meet the Requirements of Assembly Bill 1668 and Senate Bill 606 Regarding Landscape Irrigation for Residential Sites
<b>FROM:</b>	Environmental and Water Resources Department

## **RECOMMENDATION / CITY COUNCIL ACTION**

The Environmental and Water Resources Department recommends the City Council pass and adopt Resolution No. 10942 - A Resolution Authorizing the City Manager to Execute an Agreement with Eagle Aerial Photography Inc. dba Eagle Aerial Solutions to Meet the Requirements of Assembly Bill 1668 and Senate Bill 606 Regarding Landscape Irrigation for Residential Sites.

## **BACKGROUND / ISSUE**

In 2018 the California legislature passed Assembly Bill 1668 and Senate Bill 606 for water conservation and drought planning. This legislation established four new water use efficiency targets for urban water suppliers. One of the four targets is intended to reduce the water use of residential landscapes. The residential outdoor water use target requires the City to calculate water budgets for residential landscapes using aerial imagery data provided by the Department of Water Resources (DWR). The water budget will be based on area, weather, and landscape water needs. The calculated water budgets will be compared to actual water use on a monthly basis to monitor compliance with the legislation.

The City requested Scopes of Work from three different vendors to calculate residential outdoor water budgets and monitor water use at residential sites. Eagle Aerial Photography Inc. dba Eagle Aerial Solutions (Eagle Aerial) was chosen based on its WaterView program

and its extensive experience with numerous municipalities and water districts in California. DWR also selected Eagle Aerial to map residential landscapes, through aerial imagery, for the entire State. WaterView is a subscription service that calculates residential outdoor water budget data at the parcel level. The water budget services can be updated on a monthly basis with the billing cycle, can be expanded as the City grows and will assist City staff with the State's new reporting requirements.

### **POLICY / RULE**

Section 2.36.120 of the Folsom Municipal Code states, in part, that contracts for supplies, equipment, services, and construction with an estimated value of \$66,141 or greater shall be awarded by the City Council.

### **ANALYSIS**

Eagle Aerial's WaterView program will use the same aerial imagery provided to DWR to calculate water budgets based on landscape area, weather, and landscape water needs for each site. Water budgets will be updated monthly based on billing data and conditions. Eagle Aerial's agreement is a three-year contract. The annual cost is \$44,025 with a one-time set up fee of \$3,450. The total cost of the three-year contract will be \$135,525.

Scopes of work were solicited from three companies. The two companies that were not selected are Land IQ and Waterfluence, LLC. Land IQ can only provide a one-time analysis that does not provide ongoing monthly updates of water use and landscape area measurement. Land IQ's cost for a one-time measurement and water use analysis was \$78,455. Waterfluence, LLC only provides service to properties with dedicated irrigation meters and did not submit a scope of work for residential water budgets.

Based on the ability to update information and data on a monthly basis as well as offering an interactive dashboard for City staff, City staff selected Eagle Aerial to provide these services. City staff recommends entering into an agreement with Eagle Aerial Photography Inc. dba Eagle Aerial Solutions for a total not to exceed fee of \$135,525 for fiscal years 2022-23, 2023-24 and 2024-25.

### **FINANCIAL IMPACT**

Sufficient funds have been budgeted and are available in the Water Operating Fund (520) for this agreement in the FY 2022-23 budget. Funds will be budgeted in each of the next two fiscal years (FY 2023-24 through FY 2024-25) during the annual budget process.

### **ENVIRONMENTAL REVIEW**

This project is exempt from environmental review under the California Environmental Quality Act, Section 15301 "Existing Facilities."

**ATTACHMENT**

Resolution No. 10942 - A Resolution Authorizing the City Manager to Execute an Agreement with Eagle Aerial Photography Inc. dba Eagle Aerial Solutions to Meet the Requirements of Assembly Bill 1668 and Senate Bill 606 Regarding Landscape Irrigation for Residential Sites

Submitted,

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Marcus Yasutake, Director  
ENVIRONMENTAL AND WATER RESOURCES DEPARTMENT

**RESOLUTION NO. 10942**

**A RESOLUTION AUTHORIZING THE CITY MANAGER TO EXECUTE AN AGREEMENT WITH EAGLE AERIAL PHOTOGRAPHY INC. DBA EAGLE AERIAL SOLUTIONS TO MEET THE REQUIREMENTS OF ASSEMBLY BILL 1668 AND SENATE BILL 606 REGARDING LANDSCAPE IRRIGATION FOR RESIDENTIAL SITES**

**WHEREAS**, in 2018 the legislature of the State of California passed Assembly Bill 1668 and Senate Bill 606 for water conservation and drought planning; and

**WHEREAS**, this legislation requires measuring the landscape areas and calculating water budgets at all residential sites; and

**WHEREAS**, the Environmental and Water Resources Department solicited scopes of work in May of 2022 for services to include water use analysis and calculating water budgets of all residential sites; and

**WHEREAS**, Eagle Aerial Photography Inc. dba Eagle Aerial Solutions was chosen based on its WaterView program and by reason of their past experience with numerous municipalities and water districts and the State of California, Department of Water Resources; and

**WHEREAS**, sufficient funds have been budgeted and are available in the FY 2022-23 Water Operating Fund (Fund 520); and

**WHEREAS**, the agreement will be in a form acceptable to the City Attorney:

**NOW, THEREFORE, BE IT RESOLVED** that the City Council of the City of Folsom authorizes the City Manager to Execute an Agreement with Eagle Aerial Photography Inc. dba Eagle Aerial Solutions to Meet the Requirements of Assembly Bill 1668 and Senate Bill 606 Regarding Landscape Irrigation for Residential Sites for \$135,525 over three years.

**PASSED AND ADOPTED** this 8<sup>th</sup> day of November, 2022, by the following roll-call vote:

**AYES:** Councilmember(s):  
**NOES:** Councilmember(s):  
**ABSENT:** Councilmember(s):  
**ABSTAIN:** Councilmember(s):

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Kerri M. Howell, MAYOR

ATTEST:

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Christa Freemantle, CITY CLERK

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