

CITY OF SANTA ROSA  
BOARD OF PUBLIC UTILITIES

TO: BOARD OF PUBLIC UTILITIES  
FROM: EMMA WALTON, DEPUTY DIRECTOR WATER REUSE  
ZACHARY KAY, BIOSOLIDS COORDINATOR, WATER  
DEPARTMENT  
SARA ROBERTS, UTILITIES TECHNICIAN  
SUBJECT: FOURTH AMENDMENT – BIOSOLIDS SPREADING  
AGREEMENT NO. F001493 WITH GILARDI & JACOBSEN AG  
SERVICES, INC.

AGENDA ACTION: MOTION

---

RECOMMENDATION

It is recommended by the Water Department that the Board of Public Utilities, by motion, approve a one-year extension to Agreement No. F001493: Agreement for Biosolids Spreading with Gilardi & Jacobsen Ag Services, Inc., and an associated increase in compensation of \$24,011.75, for a total contract amount not to exceed \$122,981.45.

---

EXECUTIVE SUMMARY

Agreement No. F001493 between the City and Gilardi & Jacobsen Ag Services, Inc. ("Agreement"), as approved by the Deputy City Manager, was executed on August 31, 2017, for a not to exceed compensation amount of \$27,542.20, for acceptance and spreading of biosolids and agricultural lime at Herzog Farm and Barella Farm, 7689 Lakeville Highway and 7759 and 7700 Lakeville Highway, Petaluma, CA 94954, respectively, during the 2017-2018 land application season (Attachment 1). The term of the Agreement was for one year but allowed for up to four 1-year extensions, upon mutual agreement.

The First Amendment to the Agreement was executed by the Deputy City Manager on May 15, 2018 to extend the term for one year and increase compensation by \$16,850.00. The Second Amendment to the Agreement was executed by the Deputy City Manager on April 18, 2019 to extend the term for one year and increase compensation by \$27,288.75. The Third Amendment to Agreement was executed by the Assistant City Manager on April 30, 2020 to extend the term for one year and increase compensation by \$27,288.75.

The Water Department and the Contractor have mutually agreed to extend the term of the Agreement for one additional year and increase compensation by \$24,011.75. With this Amendment, the Contractor shall continue to provide the necessary equipment and personnel for spreading biosolids generated at the Laguna Wastewater Treatment Plant (“LTP”) and agricultural lime purchased by the City at Herzog and Barella Farms through April 30, 2022.

### BACKGROUND

Santa Rosa Water’s Biosolids Management System includes beneficial reuse of approximately 2/3 of the biosolids generated at the LTP via direct application of biosolids to Sonoma County farmlands. Land application of biosolids supplies valuable nutrients to croplands and ultimately enhances fodder crop production.

The Federal 503 regulations for biosolids agricultural land application require the addition of agricultural lime for pH adjustment as needed. The agricultural lime is purchased by the City and delivered to the farms, where it is staged for spreading.

As a result of biosolids application, excessive weeds tend to grow on croplands, primarily because of the added nitrogen and moisture. Herbicide spraying on the areas of the farm that receive biosolids is therefore typically required. The City reimburses the contractor for herbicide spraying of farmland onto which biosolids have been applied.

An outside contractor, through agreement with the City, spreads the staged agricultural lime onto the farmlands, then spreads the biosolids onto the fields, and applies herbicides as needed. Gilardi & Jacobsen Ag Services, Inc., has performed services satisfactorily in the past and is familiar with and adheres to Federal 503 and State Water Resources Control Board General Order regulations.

Herzog Farm, located at 7689 Lakeville Highway, Petaluma, CA 94954, has received biosolids through the City’s Land Application program on an annual basis since 2016. Biosolids are applied to various fields on a rotating basis as arranged between the City’s Biosolids Coordinator and the farm owner and user.

Barella Farm, located at 7759 and 7700 Lakeville Highway, Petaluma, CA 94954, has received biosolids through the City’s Land Application program on an annual basis since 2016. Biosolids are applied to various fields on a rotating basis as arranged between the City’s Biosolids Coordinator and the farm owner and user.

### PRIOR BOARD OF PUBLIC UTILITIES REVIEW

None.

## ANALYSIS

Based on a comparison of pricing for Biosolids Spreading services provided to the City in recent years by another local Contractor typically responsive to the City's requests for such services (Poncia Fertilizer & Spreading), the Gilardi & Jacobsen Ag Services, Inc., after increased amendment compensation, is considered fair and reasonable.

## FISCAL IMPACT

Funds for this operational expense have been allocated in the fiscal year 2020-21 budget of the Water Department Operational Key number 130807-5321.

## ENVIRONMENTAL IMPACT

Spreading of City-generated biosolids and agricultural lime is part of the City's Biosolids land application project on City-owned and private lands, which has been reviewed consistent with the California Environmental Quality Act (CEQA), pursuant to (1) Residuals Processing Mitigated Negative Declaration adopted in 1997, (2) the Santa Rosa Subregional Sludge Beneficial Use Project Program EIR certified in 1991, (3) the Management Plan for the Beneficial Reuse of Biosolids by Land Application CEQA TM 2.2 adopted in 1993, and (4) the South County Biosolids Reuse MND adopted in 2010. Pursuant to CEQA Guidelines Section 15162, no additional environmental review is necessary for this action.

## BOARD/COMMISSION/COMMITTEE REVIEW AND RECOMMENDATIONS

Not applicable.

## ATTACHMENTS

- Attachment 1 – Biosolids Spreading Agreement Number F001493 with Gilardi & Jacobsen Ag Services, Inc.
- Attachment 2 – First Amendment to Biosolids Spreading Agreement Number F001493 with Gilardi & Jacobsen Ag Services, Inc.
- Attachment 3 – Second Amendment to Biosolids Spreading Agreement Number F001493 with Gilardi & Jacobsen Ag Services, Inc.
- Attachment 4 – Third Amendment to Biosolids Spreading Agreement Number F001493 with Gilardi & Jacobsen Ag Services, Inc.
- Attachment 5 - Fourth Amendment to Biosolids Spreading Agreement for Number F001493 with Gilardi & Jacobsen Ag Services, Inc.

## CONTACT

Zachary Kay, Biosolids Coordinator, [zkay@srcity.org](mailto:zkay@srcity.org), (707) 543-3374  
Sara Roberts, Utilities Technician, [sroberts@srcity.org](mailto:sroberts@srcity.org), (707) 543-3933