



STAFF REPORT

Report To: Board of Supervisors **Meeting Date:** January 20, 2022

Staff Contact: Melanie Bruketta, HR Director

Agenda Title: Proclamation and presentation of the Employee-of-the-Quarter award to Ray Murray, Electrical Instrumentation and Controls Technician. (Melanie Bruketta, mbruketta@carson.org)

Staff Summary: The Employee-of-the-Quarter program recognizes outstanding employees whose efforts have helped the City achieve the strategic goals adopted by the Board of Supervisors and who have demonstrated an effort to fulfill the City's mission, vision and values.

Agenda Action: Other / Presentation **Time Requested:** 10 Minutes

Proposed Motion

N/A

Board's Strategic Goal

Organizational Culture

Previous Action

On November 18, 2021, the Board of Supervisors presented the Employee-of-the-Quarter award to Charlene Foerschler, APRN.

Background/Issues & Analysis

This program recognizes employees whose efforts have helped the City achieve the strategic goals adopted by the Board of Supervisors and who have displayed proficiency at assigned duties, promoted a pleasant working environment, who are dependable, innovative and/or who provide excellent customer service. An employee can nominate a co-worker who he/she believes is a deserving recipient. The nominations are reviewed by a committee comprised of employee representatives selected by the City Manager. The committee selected Ray Murray, Electrical Instrumentation and Controls Technician, to receive the award this quarter.

Applicable Statute, Code, Policy, Rule or Regulation

Employee-of-the-Quarter Policy

Financial Information

Is there a fiscal impact? Yes

If yes, account name/number: General Fund, Employee Recognition account, 1010600-501422

Is it currently budgeted? Yes

Explanation of Fiscal Impact: A \$200.00 award is given to the employee selected as Employee-of-the-Quarter and a \$50.00 award is given to the employee(s) who nominates the selected employee.

Alternatives

N/A

Attachments:

[Murray Nomination 1.pdf](#)

[Murray Nomination 2.pdf](#)

[Proclamation_Employee-of-the_Quarter_January 2022.docx](#)

Board Action Taken:

Motion: _____

1) _____

2) _____

Aye/Nay

(Vote Recorded By)



EMPLOYEE-OF-THE-QUARTER NOMINATION FORM

Do you have a co-worker that has displayed: proficiency at assigned duties, promoted a pleasant working environment, dependability, innovation in assigned duties, and/or excellence in customer service? If so, please take the time to nominate the employee for the "Employee-of-the-Quarter" award.

Criteria

Nominations may be made for outstanding performance and/or contributions to the team for activities such as, but not limited to, internal/external customer service, costs savings, productivity/work processes.

Nominating a Co-Worker

To nominate a co-worker, complete this form and submit to Human Resources. Submission can be made in person or by e-mail to: cchr@carson.org.

**Please review the deadlines in the Employee-of-the-Quarter policy.*

Nominee's Name

Ray Murray

Nominee's significant contribution: (Please provide specific detailed example(s), please attach additional pages, if needed.)

Please see Word document included with this form.

Your Name

Mark Rendinelli

Date

11/22/2021

Your Signature

Department Director/Elected Official Name

Date

Department Director/
Elected Official

Signature

Ray has been with CCDPW for a little less than three years. In that time, he has been incredibly dependable, rarely taking time off from work. I work with Ray daily and he has some of the best work ethic I've seen in my 30+ years in the workforce. No matter how the days is going, he maintains a great attitude and a sense of humor, all while demonstrating leadership qualities.

He is highly regarded by his colleagues in Control Systems, Water Production and Wastewater for the service he provides. I've personally learned invaluable skills from Ray, which have helped me become more efficient in my everyday duties.

His most recent success was a project at the Wastewater plant which due to its size, would typically have gone out to bid to a contractor/integrator. Despite the intimidating complexity of this project, he accepted the challenge. He developed a plan, procured supplies, installed new electrical conduit/wiring, researched a control strategy, and programmed the logic controller (PLC). He also repurposed an expensive electrical cabinet that was destined for the landfill. Using his vision and innovation during this project, the decades old technology was upgraded to state-of-the-art controls. He was dedicated to this project and worked tirelessly to complete it. After a little over one year, he completed the project and conducted a training class for the wastewater operators and mechanics to bring them up to speed on the new technology.

It's estimated that by keeping this project in-house, Ray saved the city hundreds of thousands of dollars.



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Nominee's Name

Ray Murray

Nominee's significant contribution: (Please provide specific detailed example(s), please attach additional pages, if needed.)

Summary:

I estimate that Ray Murray has saved the City over \$200,000 in integration costs by integrating the WRRF DAF Process Area PAC in-house.

Please see attached page.

Your Name

Shaun L. Weiss

Date

11/22/2021

Your Signature

Department Director/Elected Official Name

Date

Department Director/

Elected Official

Signature

To: Employee of the Quarter Selection Committee
From: Shawn Wiese, Electrical and Communications Foreman
Subj: Ray Murray EOQ Nomination

Ray Murray has been the driving force behind the integration of instrumentation and the modernization of controls for the WRRF's Diffused Air Flotation (DAF) Thickener process area. Originally built in 1984, the DAF Process instrumentation and controls have exceeded its useful lifespan.

Using ingenuity, Ray re-purposed an entire Programmable Automation Controller (PAC) enclosure that was installed in the Headworks process area during WRRF Phase 1A Improvements and subsequently removed from Headworks during WRRF Phase 1B Improvements. A PAC is a computer that interfaces field wiring and, depending on the program stored in them, will turn on or off pumps, generate alarms, display levels, flows, or pressure values. The PAC also interfaces the Supervisory Control and Data Acquisition (SCADA) System so the Wastewater Operator can visualize the process remotely by a desktop computer or iPad. Ray installed the PAC enclosure in the DAF Process Area, this enclosure alone is estimated to cost \$75,000.

Ray reverse engineered the old controller program, reviewed old drawings, and sifted thru old Operations and Maintenance (O&M) manuals to create updated logic in the new PAC, incorporating all the coding for the latest control, status, and operator alarms. He also installed and programmed a local operator display so Wastewater operations staff can control the entire process locally.

Ray installed new level instruments, control sensors, analog speed control and reference sensors and wired them all to the new PAC enclosure for automation of the process. Ray added multiple conduits to the PAC Enclosure to re-route the existing input/output (I/O) and control wiring.

Ray was also instrumental in the cutover process to the new PAC, he spear-headed the Controls team in moving all the field wiring over from the antiquated old controls to the new PAC, testing and verifying operation of signals, alarms, and controls.

I estimate that Ray has saved the City in excess of \$200,000 by completing this monumental project in-house. Ray's tenacity and dedication to job completion are unparalleled. The City is extremely lucky to have Ray.



PROCLAMATION

A PROCLAMATION OF THE BOARD OF SUPERVISORS RECOGNIZING RAY MURRAY, ELECTRICAL INSTRUMENTATION & CONTROLS TECHNICIAN, AS THE EMPLOYEE-OF-THE-QUARTER

WHEREAS, Carson City's quality of life attracts talented and loyal employees; and

WHEREAS, every day, Carson City employees put to use their broad array of skills and expertise with efficiency and integrity for the benefit of everyone in our City; and

WHEREAS, Carson City values its employees and acknowledges that recognizing employees for their hard work and dedication is critical to the future health and growth of our City; and

WHEREAS, we owe a substantial debt of gratitude to the Carson City employees and applaud those who go above and beyond in their loyalty and ability; and

WHEREAS, Ray Murray, Electrical Instrumentation & Controls Technician, is an exceptional individual with a tenacity and dedication to project completion by saving the City financially, approximately \$200,000, by integrating the Diffused Air Flotation process at Public Works, thereby contributing to the fulfillment of the City's mission, values and vision; and

NOW THEREFORE I, Lori Bagwell, Mayor of Carson City, celebrate the dedicated accomplishments of Ray Murray in serving the community and do hereby proclaim Ray Murray to be **EMPLOYEE-OF-THE-QUARTER**.

Mayor Lori Bagwell

Carson City, Nevada