



H.R. LaBounty Safety Awards Nomination Form

Nomination Deadlines:

Fall Awards: September 30, 2018

Spring Awards: February 28, 2019

Agency: Ramona Municipal Water District

Project/Initiative Title: Pump control safety improvements

Employee/Department/Committee Nominated:

Name(s): Jason Smith

Job Title/Department: Electrician/Water Operations

Nomination Summary

Write a brief summary of your project/initiative. Clearly state the problem/hazard recognized by the nominee and the specific reasons that they initiated corrective action.

Operations at San Vicente Wastewater Treatment Plant require daily flow adjustments and pumping time settings. To adjust the speed and run time on the pumps the operator is required to open the electrical cabinets which house the control power "110 volts" and motor power "480 volts" This put the operator at



risk of shock. Policies required use of a 40 Calorie suite to open the cabinets when there is exposure to 480 voltage.



Describe the specific actions taken to resolve the problem(s) or challenge(s). Share the best practices that made this initiative successful for the agency and its impact.

Jason was able to eliminate the hazard by installing a control HMI "Human Machine Interface" on the outside of the cabinet along with a digital timer for pumping time control.

State whether the hazard was reduced with engineering controls, introduced a new administrative or work procedure, or relied on personal protective equipment to solve the problem.

By installing external controls it eliminated exposure to arc flash and electrical shock. Jason's work saves operators time to adjust controls because they no longer have to wear PPE to make everyday adjustments on pumping operations.

Describe any extraordinary circumstances that made this nominee's safety accomplishments significant. Describe whether the nominee influenced safety in the workplace, encouraged employee participation in safety efforts, obtained organizational "buy in" to implement the solution.

His knowledge of controls and his electrical experience made a big impact on the ease of pump controls at Plant. Jason also trained all of the personnel on the programming and operation of the new controls.

Describe whether the project/initiative addressed a hazard or exposure included in the JPIA Commitment to Excellence Program.

This project eliminated a shock hazard to the operations staff.


- Office/Field Ergonomics
- Vehicle Operations
- Slip/trip/falls – falls from heights
- Other: Operational Duties at the Water Reclamayion Facility

List and attach any supporting materials that you feel are important for the reviewers to gain a complete picture of the nomination. Digital photos, supporting documentation, sample forms, etc.

Nominated by: Jim Anderson

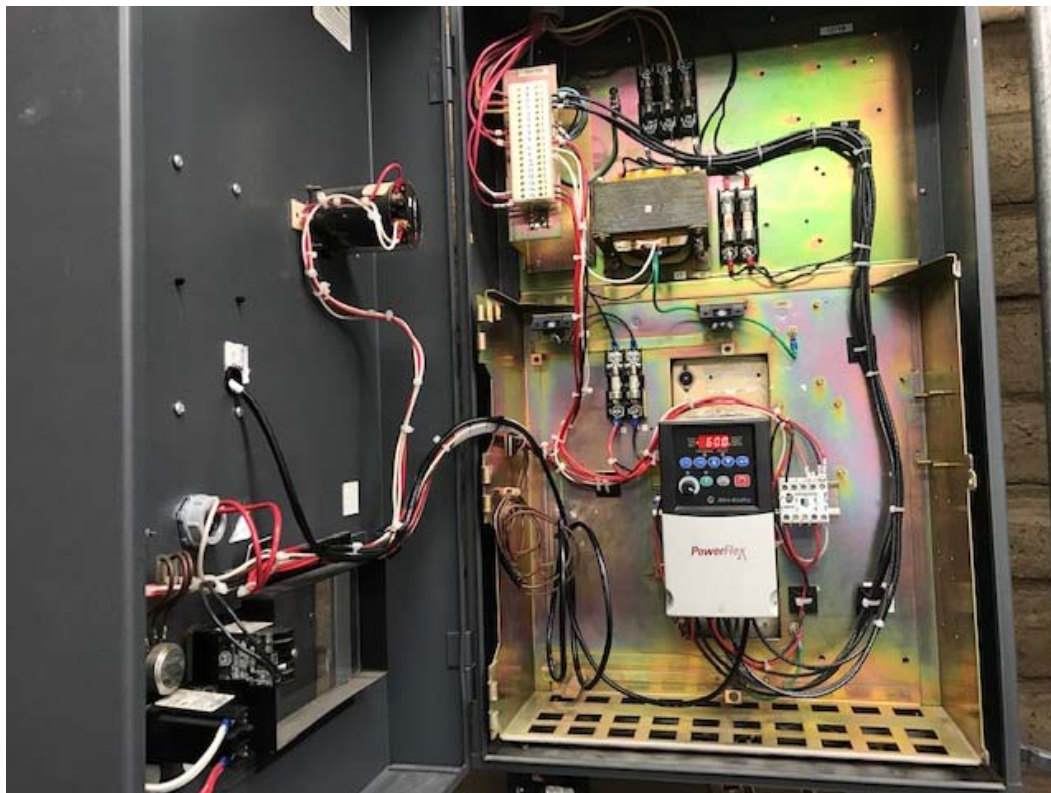
Signature: Jim Anderson
(Type Name)

Date: 2/25/19

General Manager: 
(Type Name)

Date: 2/25/19





Terry Lofing

From: Tommy Clowers <tclowers@rmwd.org>
Sent: Tuesday, February 26, 2019 11:03 AM
To: Peter Kuchinsky
Cc: Terry Lofing; Carol Barake
Subject: RE: RMWD Safety Nomination
Attachments: EQ 1.jpg; EQ 2.jpg

Peter/Terry - See below. Also attached are installation that were done at the EQ pump 1, 2.

Tommy:

I want to get this one in for the May conference. Can you provide the following information so other members may consider implementing this idea:

What manufacturer and equipment was used? Provide a website or spec sheet if possible. –

Allen Bradley - Out door installation - AB 22-HIM-C2S Power Flex Component Class IP66(NEMA 4X12) Remote DSI LCD HIM

Indoor installation - AB 22-HIM-A3 Power Flex Component Class DSI Copy Cat Hand Held HIM

Indoor installation Bezel Kit AB 22-HIM-B1 Power Flex Component.

What was the cost to purchase and install? Was the District able to install in house or was it contracted out?

Outdoor units at a Cost of Approximately \$300.00 each

Indoor units Cost Approximately \$250.00 each

Yes, our electrician installed them.

If installed in house, what staff time was involved? Approximately 45 minutes.

How many devices were installed? Was this expanded or will it be expanded throughout the District? 8 installations at the San Vicente Water Reclamation Plant and 2 at the Santa Maria Water Reclamation Plant.

How many employees benefited from this improvement? Time, - 7 employees benefited.

Cost for PPE? 40 cal PPE cost \$1050

Thanks,

Tommy Clowers, COSS, CHST
Safety and Risk Specialist
tclowers@rmwd.org
(cell) 760 407-5020

From: Peter Kuchinsky <pkuchinsky@acwajpia.com>
Sent: Monday, February 25, 2019 4:46 PM

