



H.R. LaBounty Safety Awards Nomination Form

Nomination Deadlines:

Spring Awards: February 1, 2021

Fall Awards: September 1, 2021

Agency: Scotts Valley Water District

Project/Initiative Title: Installation of back up Camera for Vaccum Excavator

Implementation Date: 5.5.21

Cost to Implement: \$1,600

Staff Time Required: 2 Hours

Number of Employees/Facilities Impacted: 8

Employee/Department/Committee Nominated:

Name(s): Carlos Flores, Rhett Beatton

Job Title/Department: Facilities Operator II, Facilities Operator III



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.

The District purchased a new vacuum excavator in the summer 2020. Staff noticed with the oversized debris tank and loud engine on the vehicle backing accidents were much more likely. The noise levels are such that most times operators are wearing ear protection, making it difficult for communication. Coupling that with the proximity to open trenches or excavations made for a dangerous situation.

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.

Operators noticed the potential for serious accidents and proactively encouraged their supervisors to allow them to have this equipment implemented. The camera has greatly increased the drivers ability to be aware of surrounding hazards and pedestrians. There is also a microphone attached that enables the driver to better hear directions from a spotter.

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.

Operators used engineering controls by installing equipment that increases their ability to better visualize their surroundings. The microphone can also increase jobsite safety in times where it is difficult to see a spotter visually.

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.

This is the first piece of large equipment the District has utilized this technology on. It had been discussed but action to implement had not been taken. Staff rescheduled multiple times and showed a great commitment towards safety by following through and ensuring its completion.

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

- Office/Field Ergonomics
- Vehicle Operations
- Slip/trip/falls – falls from heights
- Other:

The District had a backing incident in 2019. It was determined that the vacuum excavator had blind spots that increased this risk.



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:

Ryan Ritchie

Date: 7.22.21

General Manager:

Date:

Please email this form with supporting documents and digital photos (jpg) to tlofing@acwajpia.com.







(Insert name of Work Task) Job Hazard Analysis

Date:	Type of Work:	Location/Job#:	Contract#:
7.30.21	excavation		
Created by:	Engineer:	Superintendent:	Safety Representative:
			Ryan Ritchie

Activity Description	HAZARDS	Preventative or Correction Actions to be Taken
Backing up Vacuum excavator	Large blind spots	Installation of back up camera
Backing up Vacuum excavator	Hard to hear instruction	Installation of microphone
Backing up Vacuum excavator	Too much focus on camera	Ensure operator check all mirrors as well as camera
Backing up Vacuum excavator	Inability to see all workers	Check with spotter to ensure work area is clear



**SCOTTS VALLEY WATER DISTRICT
ILLNESS & INJURY PREVENTION PROGRAM
SAFETY MEETING REPORT—FORM 3**

Date: 7.30.21

Facility or Location: _____

Meeting Leader (print clearly): ~~Mike Legg~~ Ryan Ritchie

Meeting Leader (signature): [Signature]

TOPICS DISCUSSED

(attach or identify all documents provided and discussed)

Backing Safety / Back up camera

PERSONNEL IN ATTENDANCE

Employee Name	Employee Signature
<u>Carlos Flores</u>	<u>[Signature]</u>
<u>Justice Locatelli</u>	<u>Justice Locatelli</u>
<u>Dan Scott</u>	<u>[Signature]</u>
	<u>[Signature]</u>
<u>Ryan Ritchie</u>	<u>[Signature]</u>
<u>ROSS W. ALBERT</u>	<u>[Signature]</u>
<u>Rhett Bheaton</u>	<u>[Signature]</u>