



H.R. LaBounty Safety Awards Nomination Form

Nomination Deadlines:

Spring Awards: February 1, 2020

Fall Awards: September 1, 2020

Agency: Moulton Niguel Water District

Project/Initiative Title: Lower Boundary Oak Fall Protection

Implementation Date: 11/15/2019

Cost to Implement: \$1500

Staff Time Required: 10 hours

Number of Employees/Facilities Impacted: 16

Employee/Department/Committee Nominated:

Name(s): Rudy Duarte and Ty Coston

Job Title/Department: Maintenance Worker - Facilities



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.

Recently rehabbed sewer lift station had inadequate fall protection/prevention around the wetwell when the wetwell hatch is open for inspection and maintenance.

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.

Removable railing was installed surrounding the wetwell hatch. Even with the railing there was still a fall hazard when maintenance is required just inside the wetwell. It was determined that we could install and use 3M DBI-SALA Temporary Concrete Anchors (Mfr. Model #2100085), DBI harnesses, and DBI twin leg self-retracting lanyards.

A DBI davit hoist is also connected to the employee near the wetwell opening and can be used to effect a non-entry rescue, from the area outside of the railing, if the employee falls a short distance into the wetwell.

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.

The hazard was reduced with engineering controls: the removable railings physically keep people away from the open wetwell hatch. Personal fall arrest systems are now utilized to minimize the fall distance for anyone working around the open hatch into the wetwell.

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.

The entire Facilities Maintenance team had input on the project. The Collections team was also consulted about the installation of the fall protection system. Although working with the harness and fall protection system can be cumbersome and increases set-up time, all agreed it was a workable and safe fix.

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

Falls continue to be part of OSHA's Focus Four and it is imperative that we continue to find ways to prevent falls of this nature at MNWD. Providing an environment where our employees can safely work without fear of injury is critical to maintaining the safety culture desired at MNWD.

☐ Office/Field Ergonomics

☐ Vehicle Operations

☒ Slip/trip/falls – falls from heights

☐ Other:

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.



Attached document showing wetwell hazard and installed fall protection system.

Nominated by: Tim Lake

Date: 8/27/20

General Manager: Joone Lopez

Date: 9/10/2020

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



Closed Wet Well with removable handrails surrounding roughly 75% of the area. Also notice use of grip tape and bolts painted yellow.



Holes were drilled into concrete (according to specs) at the face of the Wet Well, where the DBI Sala Temporary Concrete Anchors can be inserted and used as anchor points when needed. When job is complete, anchors are removed and stored.



Twin Leg Lanyard is connected to temporary anchors, providing fall protection for employee when working around open Wet Well.