

# DREDGING SAFETY BRIEFING

## US ARMY CORPS OF ENGINEERS

Galveston District Annual Dredging Meeting  
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*"The views, opinions and findings contained in this report are those of the authors(s) and should not be construed as an official Department of the Army position, policy or decision, unless so designated by other official documentation."*



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# SWG ACCIDENT EXPOSURE ANALYSIS



- Total dredging exposure hours for FY21: 943,284 (47% Increase over FY21)
- Total dredging recordable injury mishaps for FY22: 6
  - One recordable property damage mishaps.
- Total dredging recordable mishaps for FY21: 7
  - Two recordable property damage mishaps.



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# SWG ACCIDENT EXPOSURE ANALYSIS



- Two cut by injuries.
  - An employee cut his hand while adjusting the weight bolts on a pipeline, he was not wearing gloves.
  - Employee sustained arm and hand lacerations while exiting sinking vessel through a window and received seven days restricted duty.
- One slip, trip and fall accident.
  - Employee slipped on wet deck while disembarking from a booster barge to the work boat and sprained his ankle and received seven days restricted duty.



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# SWG ACCIDENT EXPOSURE ANALYSIS



- One fall to different level.
  - Employee was using a pry bar to separate the ball coupling connection on a pipeline and slipped backwards when it separated. This resulted in his falling backwards onto the deck, and ultimately falling into the water. He received cuts that became infected requiring prescription medication.
- One struck by accident.
  - Employee struck shin while loading 55-gallon drum, two days restricted duty.
- One Caught Between Injury
  - An employee fractured a finger when it was caught between equipment fork and cylinder rack.



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# COMMON ISSUES AND CONCERNS



- Housekeeping
- Smoking areas not being used properly with workers smoking all over dredge.
- Workers observed improperly wearing PFD's.
- Failure to document daily inspections.
- Not re-installing perimeter chains after boarding dredge.



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# SAFETY IMPROVEMENTS

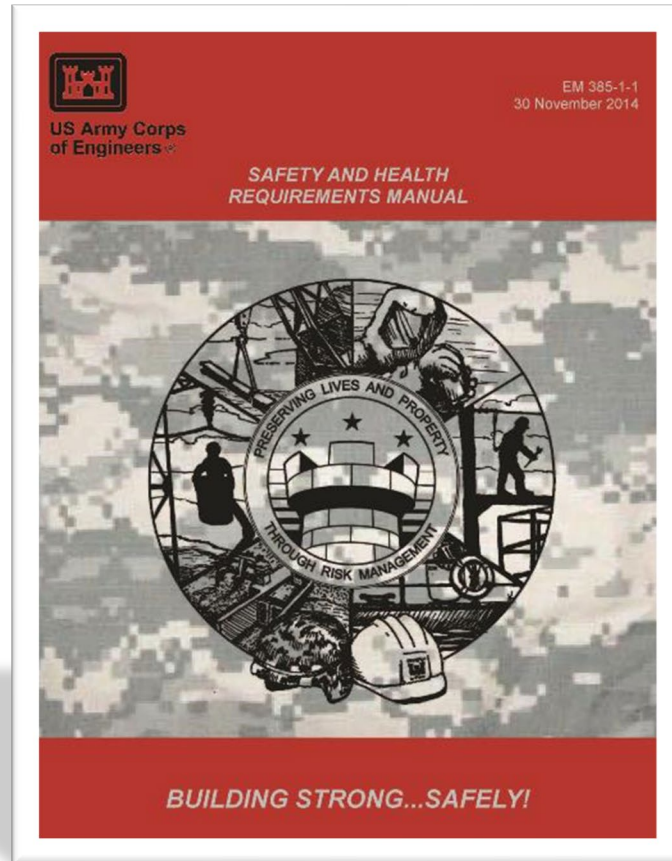
- Proper swing radius markings.
- Deficiency logs properly maintained.
- Properly marked pipelines
- Maintaining copious amounts of water, making it available and encouraging consumption during warm weather days.



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# EM 385-1-1 UPDATE



- Rewrite is underway.
- Public Review period has been completed resulting in over 3,000 comments received.
- Projected date of release 4<sup>th</sup> Quarter FY23.



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# QUESTIONS



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