

# DREDGING SAFETY BRIEFING

## US ARMY CORPS OF ENGINEERS

Galveston District Annual Dredging Meeting

Jason Shreve, MEng, CSP, OHST

Chief, Safety and Occupational Health

15 October 2020

*"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."*



US Army Corps  
of Engineers®



# SWG ACCIDENT EXPOSURE ANALYSIS



- Total dredging exposure hours for FY1: 331,203 (Does not include September)
- Total dredging recordable mishaps for FY20: 4
- Total dredging recordable mishaps in FY19: 3



US Army Corps  
of Engineers®



# SWG ACCIDENT EXPOSURE ANALYSIS

- Crew boat/Skiff Accidents
  - Crushed fingers from door closing
  - Fall while cleaning deck
  - Skiff striking bridge piling
- Slip, Trips and Falls
  - Transitioning from vessel to vessel



US Army Corps  
of Engineers®



# COMMON ISSUES WITH ACCIDENT PREVENTION PLANS



- Failure to provide adequate SSHO credentials.
  - Signed OSHA Cards
  - Continuing Education
  - Dates of employment for experience
- Failure to provide names and proof of competency, qualifications for CP for the work to be performed.
- Failure to provide adequate proof of qualifications, training for all personnel listed to perform Safety and Occupational Health inspections.



US Army Corps  
of Engineers®



U.S. ARMY

## COMMON ISSUES WITH ACCIDENT PREVENTION PLANS CONTINUED

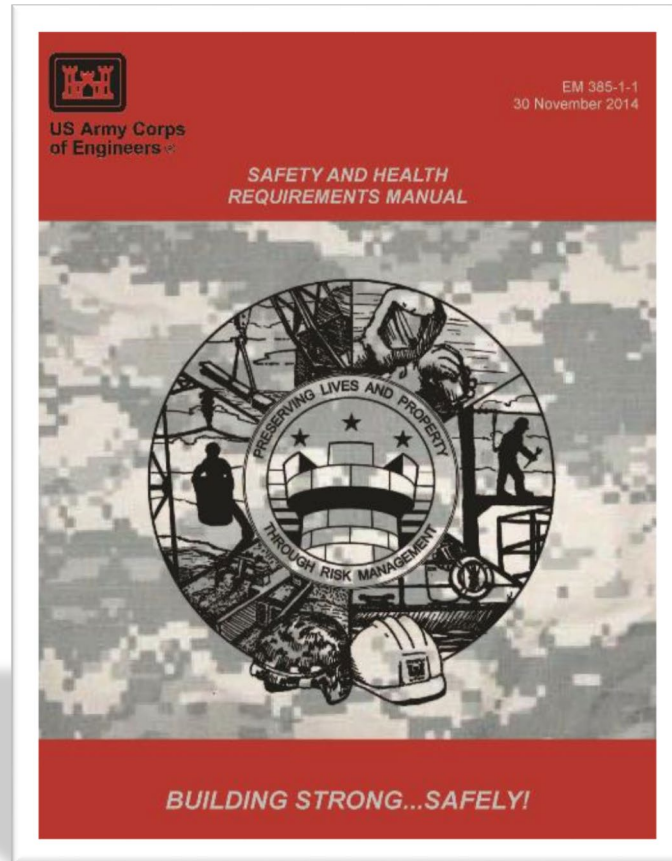
- Failure to address follow up procedures for inspections.
- Not adequately addressing site specific Fatigue Management Plan.
- Failure to provide site specific Emergency Response Plans
- Not providing adequate documentation of galley compliance



US Army Corps  
of Engineers®



# EM 385-1-1 UPDATE



- Rewrite is underway.
- New edition possible for late 2021

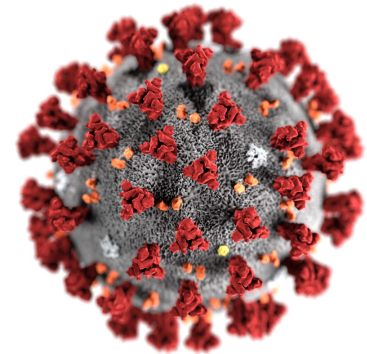


US Army Corps  
of Engineers®



# COVID-19 AND CONSTRUCTION MISHAPS

- USACE wide, construction mishaps have been on the rise since COVID-19.
- Construction workers are nervous about the uncertainty and the negative news of the tumbling economy and its many ripple effects, including:
  - Concern for their health and the well-being of their families
  - Potential layoffs or job losses
  - Interrupted earnings or health-care benefits
  - Rising expenses and debt
  - A threatened outlook for their retirement



US Army Corps  
of Engineers®



# COVID-19 AND CONSTRUCTION MISHAPS CONTINUED



- The added stress of worrying that they might contract the virus at their workplace means that construction workers may rush through their jobs to get home quicker.
- All of these may lead to distracted thinking – which might result in a fall or a careless mistake that leads to an injury.
- Similar to the Holiday Season, workers should be reminded to be mindful of the increased stress and to take special steps to work safely.



US Army Corps  
of Engineers®





# QUESTIONS



US Army Corps  
of Engineers®



U.S. ARMY