Contractor Safety Orientation
Introduction

- Safety Requirements
- Construction Safety and Health Manual
- Protects You and Others from Injury
- Specific Issues at Wastewater Treatment Facilities
Emergencies

- Medical, Fire, Injury
- Security 973-817-5858
- Do **Not** Call 911
- Nature of Incident, Location, Who You Work for, Your Name and #
- Security will Dispatch Response
- Registered Nurse and EMTs on Staff
Personal Protective Equipment

- Minimum PPE
- Safety Shoes
- Hard Hat
- Safety Glasses
- Additional PPE as Needed And Directed by Safety and Security
- Example: Working on Energized Electrical Circuits (NFPA 70E)
- Example: High Visibility near Roadways Interior and Exterior
Fall Protection

- Use Appropriate Fall Protection Equipment as Needed (6 Feet)
- Guardrails and Mid-Rails are Preferred
- PPE
- Full Body Harness with Shock Absorbing Lanyard
- Anchorage Point
- Capable of Supporting 5,000 lbs. Per Individual Attached
Lockout

- All Machinery and Electrical Equipment Must Be Locked Out
- Each Employee Must Install Own Lock and Tag
- Lockout Coordinated with PVSC Personnel
- PVSC will Isolate Equipment
- Contractors will Apply Locks and Tags
- Fill Out Contractor Compliance Form
Confined Spaces

- Meet 1910.146
- Meet Subpart AA Confined Spaces in Construction 1926.1201-1213
- Permits, Air Monitoring, Ventilation, Harnesses and Lifelines
- Sewers, Tanks, Vessels, Silos, Storage Bins, Hoppers, Vaults and Pits
- Guard Spaces Immediately
- Continuous Monitoring
Confined Spaces

- Hydrogen Sulfide-Flammable, Toxic, Rotten Egg Odor
- Oxygen Deficiency-19.5% is Minimum Allowed for Entry
- Combustible Gasses-Flammable and Explosive
- Carbon Monoxide-Odorless, Colorless, Deadly
Ladders

- Inspect Prior to Use
- Competent Person-Inspect Periodically and After Any Incident
- Proper Ladder For Job
- Example: "A" Frames Should **Not** be Used as Straight
- Hard/Level Surfaces
- Do Not Stand on 2nd Rung from Top or Above
- Belt Buckle in Between Rails
- Three Points of Contact
- Extension Ladders Tied Off and Extend 36” Above Level Accessed
Hot Work

- Welding, Brazing, Grinding
- Creating Heat or Spark
- Permits
- Flammable Materials Removed from Area
- Air Monitoring for Combustible Gasses, Before and During
- Fire Watch Maintained for 30 Minutes After Work Completed
- Comply with NFPA 51B
Trenches and Excavations

- Competent Person Inspects Prior to Work Each Day
- Spoils Kept at Least 2 Feet Away
- Soil Types Evaluated by Competent Person
- Trench/Excavation Must be Properly Shored, Sloped or Benched
- Air Monitoring (Confined Space)
Hazard Communication

- Safety Data Sheets (SDS) for Hazardous Chemicals
- Proper Labeling
- Meet the Global Harmonization System (GHS)
- Oxidizers and Flammables Shall be Stored Separately
Housekeeping

- All Sites Kept Clean and Orderly
- Slips, Trips and Falls Due to Messy Sites
- Materials Stored in the Staging Area Per Contract
Dry Cutting of Masonry Materials

- No Dry Cutting Shall be Permitted
- Includes:
  - Grinding
  - Sawing
  - Jack Hammering
- State Law and Federal Regulation Prohibit
- Health Hazard
Security/Parking Permits

- Government Issued Identification
- Each Driver Onsite, Driver's License
- Each Vehicle Onsite, Valid Registration and Insurance Card
- Parking Permits For Each Individual/Vehicle on Site
- Form Filled Out, Submitted to Security
- Permit Issued, Placed On Dashboard
- Enter Through Gate #14
- Vehicles to be Parked on Witco Site
Gate #14 (Witco Site)
Video

- Safety Bob’s Construction Safety Orientation
Conclusion

- Refer to Construction Safety and Health Manual
- Covers all Safety Requirements
- Any Questions?
- Contact Project Engineer, Safety Officer, Supervisors
- Safety and Security Officers have Stop Work Authority
- If Any Policy is Violated Work will **STOP**
- Safety and Security Officers Investigate All Incidents
- Cooperation with an Investigation is Mandatory