

## **Bay Area UST TAG**

### **Meeting Notes**

**March 21, 2017**

#### **UST TAG CHAIR MEMBERS:**

**Jenea Monasterio, Sacramento County, Environmental Management Department**

**Dermot Casey, San Mateo County Department of Environmental Health**

**Lindsay Morgado, Santa Clara County Environmental Health**

**Fred Chun, City of Santa Clara Fire Department/Bay Area UST Issue Coordinator**

#### **Agenda Items**

#### **I. Introductions**

#### **II. Matt Schuessler and John Covington with Franklin Fueling gave a presentation covering**

- a. FE Petro Submersible Pumping Systems (Overview)
  - i. Microbial corrosion associated with ultra-low sulfur diesel – FFS response = AP (Advanced Protection) pump, made of powder-coated and electric-coated (e-coated) cast iron and stainless steel
  - ii. Surface corrosion from moisture, elevated ethanol concentration, temperature changes observed – FFS response = AP pump as well
  - iii. New MAG Shell and intake screen to filter out debris from the pump intake (prevents debris from getting into siphon jets, LLDs and dispenser filters)
  - iv. Intelligent Controllers (variable speed and fixed speed)
- b. Old blue FE Petro MLLD leak detector has been replaced with the MLD+ (4 models – 2 gas, 2 diesel)
- c. XP and UPP piping systems; APT (Advanced Pipe Technology, blue) pipe acquired by FFS
  - i. Discussion of steel vs. fiberglass vs. plastic (flexible) piping
  - ii. APT, nylon 12 is not UV protected or fire proof – FFS solution = run through metallic ducted pipework
- d. Containment Sumps – blue fiberglass with white gel coat, only UL listed coating (easy to clean & easy to see any leaks as well)
- e. UPP Semi-Rigid Electrofusion (bonded with electric weld) Pipework System (FFS acquired from UK) made of UV resistant HDPE 100 lined with EVOH. \*Entry boots available for double walled brine-filled sumps in the form of bonded entry fittings. Whereas, blue APT pipe does NOT have available entry fittings for this application. Additionally, Gemini fittings available which consists of 3 parts vs. 9-11 parts.
- f. INCON TS-550/5000 EVO Tank Gauging Fuel Management Systems, popular for non-retail applications, such as emergency generator systems.

- i. LL3 digital probe – has static friction safety mechanism (vibrate sensor head w/cell phone motor)
  - ii. Density Measurement Float Kits to detect cross-drops immediately
  - iii. ELLDs – TS-550 EVO & TS-LS500
- g. DC400 Standalone sensors, discriminating and non-discriminating
- h. FFS Pro University (instruction provided by John Covington with FFS)
  - i. Last year, switched from Tech Lab to FFS Pro University. Old certifications still available on Tech Lab FFS website (didn't transfer over, so may need to check both sites to find a certification until they all expire). Now, under FFS Pro, safety courses must be taken first.
  - ii. All certification courses shown on FFS website with descriptions.
  - iii. Flexing certification now available through "Containment" training, but also separated this certification out again. Therefore, flexing still available separately.
  - iv. \*Anyone can do this training. If click on "Start Presentation", all of the content is available. Certification comes with test at end and fee. Otherwise, can be reviewed as general info, refresher, etc.
  - v. FFS also offers live training workshops. Available for all products and can be customizable for the individual contractor and/or job type.
  - vi. Email reminders now provided to remind individuals when their certifications will expire.
  - vii. FE Petro training broken down into smaller components. (Chart available on the website to compare old training title vs. new training title – online under the Live Training tab in the Resources list as "TechLab Cross Reference")
  - viii. \*John is willing to come to agency offices for inspector training as well.

**\*Presentation will be available in pdf format**

### **III. Roundtable**

\*Next Meeting is scheduled for May 16, 2017 in Sacramento