Interstitial Monitoring Records

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What is being done?

- Sensors in interstitial spaces and sumps
- Brine systems
- Vacuum/pressure systems
Types of Sensors

- Discriminating
- Non-discriminating
Sensor Reports – Look For

- Sensor at from each location throughout system
  - Annular space (brine or vacuum??)
  - STP sumps
  - UDC (dispenser pans)
  - Transition sumps (do you ever see these?)

NOTE: At large facility (mega truck stops) just tracking all the locations is a chore.
EECO Sample

10-27-14 13:55:01

LEAKSENSOR STATUS REPORT:

CHANNEL 1 IMO
UNL #1 STP
NORMAL

CHANNEL 2 IMO
UNL #2 STP
NORMAL
VR Sample

October 27, 2014 13:35
LIQUID STATUS
October 27, 2014 13:35
L 1:RUL ANNULAR
SENSOR NORMAL
L 3:DSL ANNULAR
SENSOR NORMAL
L 4:DSL STP SUMP
SENSOR NORMAL
etc., etc., ….etc.
INCON has this way to check if sensors are installed/working.

REGULATORY REPORT

SENSORS
SENSOR 1 OPERATIONAL
SENSOR 2 OPERATIONAL
SENSOR 3 OPERATIONAL
Plus, INCON has this option on the reports menu

**Sensor Alarm Reports**
- Active Sensor Alarms Report: shows all active sensor alarms
- Cleared Sensor Alarms Report: reports all cleared sensor alarms
- Sensor Alarm History Report: shows all active, cleared, and transient sensor alarms
INCON ACTIVE ALARMS REPORT

08/11/1998 8:27 PM
ACTIVE ALARMS
08/11/1998 8:26 PM
LOW BRINE LEVEL
SENSOR 8
SENSOR NO. 8
08/11/1998 8:26 PM
PRINTER OUT OF PAPER
08/11/1998 8:26 PM
STANDARD SENSOR
SENSOR 7
SENSOR NO. 7
Getting the Reports

Operators Manual;
Else, EPA 510-B-00-009, August 2000
www.epa.gov

ATGs for Release Detection
Reference Manual for Inspectors
Manufacturer Help

• Veeder.com
  – Support
  – Customer
  – Documentation Library
  – Operator manuals
On the Console - VR

- Mode to "Diagnostic"
- Function to "Alarm History"
- Step to:
  - Liquid sensors = "L#Alarm History"
  - Discriminating sensors = "C#Alarm History"
  - Smart sensors = "S#Alarm History"