



Interstitial Monitoring Records

John Kneece

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”