



Secure Energy, a midstream co., was experiencing a high false alarm rate @ 7%. Pipewise reduced it to 0.3%.

01

Pipeline profile

A 24km (15 mile), 6" produced sour water pipeline.

02

System trialed

Secure trialed the Pipewise Volume Balance CPM leak detection system.

03

Objective

To compare their current leak detection & false alarm rate performance vs. Pipewise.

04 Result

| Reliability - record | | Reliability - result | | Sensitivity-improvement | | Client - feedback |
|-----------------------------------|--------|----------------------|--------|-------------------------------------|---------------------------------------|--|
| Secure | | Secure | | | 10 min. | |
| False alarms | 23/322 | False alarm rate | 7.14% | | (live window) Pipewise Tuned the LDS | "To date, we've purchased two systems and Senior |
| /transient events | | . 0.00 0.0 | 701170 | Pipewise | | |
| Pipewise | | Pipewise | | | | Mgmt. are very impressed with the results." |
| False alarms /transient events | 01/322 | False alarm rate | 0.31% | 0.7 m3 / 4.5 bbl (threshold) | | roound |