100346 (Fairbanks Airport PD): 1/5 RFI, $2 / 5$ Interference- both interference on 1 subject, no action taken.
100352 (Anchorage Airport PD): 4/12 Diagnostic Failed- looked at XML file Breath tube temperature was too low on all instances also had two other occurrences on $12 / 27 / 2017$. Breath hose was loose in back of instrument. Problem resolved.
100360 (AST/Soldotna): 3/17 RFI, 2/17 Tank Interference-no action taken.
100361 (Unalaska PD): Removed from service on 01/16/18.
100364 (APD): 2/123 RFI, 3/123 Interference, 1/123 Diagnostic Failed- no action taken.
100368 (AST/Willow): $1 / 5$ RFI- no action taken.
100370 (Juneau PD): 1/9 RFI- no action taken.
100377 (Nome PD): 1/11 Blank Error, 8/11 Gas Flow Error- Removed from service 02/09/2018.
100378 (AST/Fairbanks): 1/45 RFI- no action taken.
100379 (Wasilla PD): 3/27 RFI- no action taken.
100380 (Kenai PD): 1/9 Pump Error- no action taken.
100382 (UAF PD): $1 / 7$ RFI, $4 / 7$ Interference- 3 interferences on one subject and all were borderline with
filter 2. Recommend observation.
100384 (Juneau PD): Removed from service 1/31/2018.
100390 (AST/Emmonak): Instrument out of service since September with little communication from agency, instrument is being replaced.
100395 (Hoonah PD): 2/4 Gas Flow Error- both on test, test and there are very few tests to look at. VOC's all appear good with no gas flow errors- no action taken.
100402 (APD): $1 / 133$ RFI, 1/133 Pump Error, 1/133 Blank Error, 1/133 Ambient Fail- no action taken.
100403 (Metlakatla PD): 1/7 RFI- no action taken.
100406 (Palmer PD): 1/19 RFI- no action taken.
100413 (Homer PD): 2/13 RFI- no action taken.
100415 (Sitka PD): 1/14 Blank Error- no action taken.
100416 (Fairbanks PD): 1/39 RFI, 1/39 Pump Error, 1/39 tank interference- no action taken.
100421 (JBER): 1/17 RFI, $1 / 17$ Pump Error, $1 / 17$ Interference, $3 / 17$ Static Analysis Error- removed from service 2/8/2018.
100422 (JBER): $1 / 6$ RFI- no action taken.
100423 (Ft. Wainwright MP): 2/12 Pump Error- no action taken.
100667 (AST/Matsu West): 2/9 Standard Out of Range- Tank was lot that was about to expire, changed on 02/01/2018.
100669 (APD): 6/19 Interference-Removed from service 02/27/2018
100670 (AST/Bethel): $1 / 6$ Standard Out of Range- Reviewed test records and 6 more standard out of range low have happened since $2 / 21 / 18$, tank is about to expire. Contacted agency and informed them the tank needed to be changed to the new lot on 03/09/2018.

100674 (Juneau PD): $1 / 14$ RFI, 1/14 Pump Error, $2 / 14$ Interference, 2/14 Standard out of RangeInterference on same subject and tank about to expire. Contacted supervisor and asked him to change the tank.
100684 (AST/Delta): Instrument removed from service on 02/21/2018 for internal standard errors. 100689 (Kotzebue PD): $1 / 4$ Internal Standard Error- no action taken.
100691 (Valdez PD): 1/3 Pump Error- no action taken.
100694 (Petersburg PD): $1 / 3$ Internal Standard Error- Instrument removed from service on 03/07/2018. 100695 (JBER): 1/11 Ambient Fail- no action taken.
100697 (UAA PD): $2 / 4$ Tank Interference, 1/4 Standard Out of Range- Contacted supervisor and requested she change the tank.
100700 (Wrangell PD): 1/10 Blank Error- no action taken.

Review does not include data from:
Denali National Park 100375, Unalaska 100376


| maln | 1 Subie | ject Tests |  |  |  | mp Eror |  | ference | ank 11 | efference |  | Bank E | Eror | daad | Outor $R$ ange |  | owE |  |  |  | Standard Eror |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\frac{102025}{100342}$ |  |  |  |  |  |  | 0 |  | $\bigcirc$ |  |  |  |  | 0 | $\underset{\text { \＃invol }}{\text { \＃ivol }}$ | 0 |  |  |  | 0 | $\underset{\substack{\text { \＃olvor } \\ \text { Hovivol }}}{ }$ |  |  |
| 100343 |  |  |  | \＃ovo |  |  |  | \＃ivVo |  |  |  |  | \＃ovvo |  | \＃olvol |  |  |  |  |  | \＃OVVO1 |  |  |
| ${ }^{100334}$ | 2 |  | 0 | O\％ |  | O\％ | 0 | \％\％ | 0 | 0\％ | 0 | 0 | O\％ | 0 | 0\％ |  | 0\％ |  | 0\％ |  | O\％ |  |  |
| 346 | 5 |  | 1 | ${ }^{208}$ |  | 0\％ | 2 | ${ }_{40 \%}$ | 0 | 0\％ |  |  | 0\％ |  | 0\％ |  |  |  |  |  |  |  |  |
| 100347 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }^{100348}$ | 0 | 0 | 0 | \％ow |  | Hoviv | 0 | \＃DVOM | 0 | \＃ovivo |  |  | \＃ovivo | 0 | \＃Divo！ | 0 | \＃ovor |  | \＃ovo |  | \＃oivol | 0 | Oiv |
| S349 | 14 | 14 |  |  |  | 0 | － | 0\％ | 0 | 0\％ |  |  |  | 0 |  |  |  | 0 | 0\％ | 0 | 0\％ |  | 0\％ |
| ${ }_{100351}$ |  |  |  | \＃ovo | 0 | ＋ovivo | O | fovo | 0 | \＃ovo |  |  | \＃OVVO |  | tole |  | tolivo |  | fovo |  | \％otivol | 0 | \＃ivo |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }^{1000353}$ |  |  | 0 |  |  | ＊ovin | 0 | ＊ovvo | 0 |  |  |  | \＃olvol | 0 | Hovol | 0 |  |  | fove |  | \＃olvo |  |  |
| 100334 | 0 |  | 0 | \％ove |  | \＃ov | $\bigcirc$ | \＃ovol |  | ＊ovo |  |  | \＃olvol |  | ＊ovivol | 0 |  |  |  |  | ＊olvo |  |  |
|  |  |  |  | \＃O\％ |  | \％oiv | O | \％ovio |  |  |  |  | \＃ovivo |  | ＊OVVO！ |  | \％ovivo |  | O\％ |  | ＊ovivol |  |  |
| （is37 |  |  |  |  |  |  | 0 | N |  |  |  |  | \＃ovivo |  | \＃DVIVO |  |  | 0 | Hovi |  | tolvo |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ＊olvo |  |  |
| ${ }^{100339}$ |  |  |  | HOVVO | 0 | \＃0， | 0 | \＃ovio |  | $12 \%$ |  |  | \＃DOVO1 | 0 | ${ }_{\text {Hovol }}$ | 0 | \＃0．vol | 0 | \＃ovol | 0 | \＃ipvol |  |  |
| 100381 | 0 |  | $\bigcirc$ | \＃olvo | 0 | \＃ovi | 0 | \＃DVOO | 0 | \＃olvo |  |  | \＃ovivor | 0 | Holvol | 0 | ＊ONVO | 0 | \＃ovo | 0 | ＊ovvo |  |  |
| ${ }^{1003322}$ |  |  | 0 |  | 0 | \＃ovi | 0 | \＃oviv |  |  | 0 |  |  |  |  | 0 |  |  | Hoviv |  |  |  |  |
| 0364 | ${ }_{12}$ |  | 2 | ${ }^{2 \%}$ | 0 | 0\％ | ${ }^{3}$ | ${ }^{26}$ |  | O\％ |  |  |  |  |  | 0 | 0\％ |  |  |  | 0\％ |  | ＊olvo |
| ${ }^{1000365}$ |  |  |  | 0\％ |  |  |  | 0\％ |  |  |  |  |  |  |  |  | 0\％ |  |  |  |  |  |  |
| 100366 |  |  |  |  |  |  |  | \％ |  | 0\％ |  |  |  |  |  |  | 0\％ |  |  |  |  |  |  |
| ${ }^{100337}$ |  |  | 0 | \％ove | 0 | － | － | \＃ivor |  | \＃ovor | 0 |  | \＃ovvo | － | \＃ovivol | 0 | ＊OVVO | 0 | \＃ovvo | 0 | \＃ovvol | 0 | \＃DVVO） |
| ${ }^{100389}$ |  |  | $\bigcirc$ | 20\％ | 0 | \％ | 0 | 0\％ | 。 | \％ | 0 |  | \％ | 0 | \％ | 0 | 0\％ |  | 0\％ | 0 | O\％ |  |  |
| ${ }^{100370}$ | 9 |  |  | $11 \% 6$ | 0 | 0\％ | 0 | 0\％ |  | \％\％ |  |  | \％\％ |  |  |  | 0\％ |  | 0\％ |  |  |  |  |
| ${ }_{10} 103037$ | O |  | ． | folv | ． |  | 0 | fonvo |  | moviv |  |  | molvo |  | monvo |  | Hoviver |  |  |  |  |  |  |
| － 100372 |  |  | 0 | \％oivo | $\bigcirc$ | \％ 0 | 0 | \＃ovo |  | \％oivo |  |  | \＃0ivol |  |  |  | \％ 0 OV |  |  |  | \％oivol |  | fovor |
| ${ }^{100374}$ |  |  |  | oiva | O | tovia |  | \＃ovol | 0 | ＊ovvo |  |  | ＊ |  | \＃ovVol | 0 |  | 0 | \＃ovol | 0 | \＃ovvol | ． |  |
| ${ }_{100375}$ |  |  |  | ， |  | on |  | \％ovo |  | tove |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }_{100397}^{10037}$ |  |  | 0 | \％ | 0 | \％ | 0 | 0\％ | 0 | 0\％ | 0 |  | \％\％ |  | \％ $0 \%$ |  | ${ }^{\frac{0}{73 \%}}$ |  | \％ | 0 | 0\％ | 。 |  |
| ${ }^{1000378}$ | ${ }^{45}$ |  |  | ${ }^{2 \%}$ | 0 | \％ | 0 | 0\％ | 0 | 0\％ |  |  | 0\％ | ． | \％ | 0 | 0\％ | 。 | 0\％ | 0 | \％ | 0 |  |
| 100393 | ${ }^{27}$ |  | ${ }^{3}$ | $1 \%$ | ， | ， | 0 | 0\％ | 0 | 0\％ |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | 0 | ${ }^{0 \%}$ | 1 |  |  |  |  |  |  |  | \％ |  | O |  |  |  |  |  |  |  |  |
| ${ }_{1}{ }_{100382}$ |  |  | 1 | 14\％ | 0 | 0\％ | 4 | ${ }_{57 \%}$ | 0 | 0\％ | 0 |  | 0\％ | 0 | 0\％ | 0 | －0\％ |  | 0\％ | 0 | 0\％ |  |  |
| ${ }^{1000384}$ |  |  | 0 | 0\％ | 0 | 0\％ |  | \％ | 0 | 0\％ |  |  |  |  | 0\％ | 0 | \％ | 0 | 0\％ | 0 |  | 0 |  |
| S385 |  |  |  |  |  | OVivo |  | Oivel |  | eovo | 0 |  | \％ovivel |  | \＃ovive | 0 |  | 0 | \％o\％ | 0 | O\％ | 0 | \＃ovo |
| ${ }^{1003887}$ |  |  |  | 0\％ | 0 | 0\％ |  | 0\％ |  | \％ |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }^{1000388}$ |  |  | 0 | 0\％ | 0 | 0\％ | 0 | 0\％ | 0 | 0\％ | 0 |  | \％ | 0 | 0\％ | 0 | 0\％ | 0 | 0\％ |  | \％ |  |  |
| 10039 <br> 100390 | 0 |  | 0 | ${ }^{\text {O\％}}$ | $\bigcirc$ | $\stackrel{\text { \％}}{\text { Hove }}$ | 0 | No\％ | 0 | \％o\％ | ！ |  | \％o\％ | $\bigcirc$ | $\underset{\text { O\％}}{\substack{\text { \＃ivol }}}$ | 0 |  | ！ | \％o\％ | 0 | \％ |  |  |
| 100391 | 0 |  | 0 | toviv | 0 | tolva |  | molvo | $\bigcirc$ |  |  |  | ＊OIVO） |  | \＃olvol | 0 | ＊$\quad$ IVIVO | 0 | \＃DVVO： | 0 | ＊OVN0 |  |  |
| 100392 | 2 |  | 0 |  |  | 0\％ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }^{100339}$ |  |  | $\frac{0}{0}$ |  |  | OVvo |  | \％o\％ | 0 | O\％ |  |  | ${ }_{\text {or }}^{0}$ |  | O\％ |  |  | 0 | 0\％ | 0 | \％ | 0 |  |
| 3396 |  |  |  | $0 \%$ | 0 |  | 0 |  | 0 | \％ |  |  | 0\％ | 0 |  | $\bigcirc$ | \％oivo | 0 |  | 0 | \％ | 0 | \％ |
| ${ }^{1000398}$ |  |  | 0 | \＃ovivo | 0 | \＃DVVIO | 0 | \＃Divo | 0 | \＃ovo | 0 |  | \＃olvol | 0 | \＃olvol | 0 |  | 0 |  |  |  |  |  |
| 100399 |  |  | 0 | movo | 0 | Hoviv | 0 | \＃DVO！ | 0 |  |  |  | \＃ovvol |  | \＃ovvol |  | \＃olvo | 0 | \％oiva |  | ＊ovvol |  |  |
| 100400 <br> 10402 |  |  | 1 | ${ }^{0} 16$ | 1 | ${ }^{\frac{0}{1 \%}}$ | 0 | \％\％ | 0 | \％\％ |  |  | $\frac{0 \%}{1 \%}$ | $\bigcirc$ | \％\％ | $\bigcirc$ | \％\％ | 1 | \％\％ | $\bigcirc$ | 0\％ |  |  |
| （0403 |  |  |  | ${ }_{14 \%}$ | 0 | \％ | 0 |  |  |  |  |  | \％\％ |  |  |  |  |  |  |  |  |  |  |
| 100404 | 0 |  | 0 | Oivo | 0 | \％ove | 0 | molvol | 0 |  | 0 |  | ＊ovvol |  | ＊ovvol |  | \％ovvo |  |  |  | OVVIO |  |  |
| 100405 <br> 10046 | 19 |  |  | \％\％ | $\bigcirc$ | \％\％ | $\bigcirc$ |  | 0 | \％\％ | － |  | \％\％ | 0 |  | 0 |  | $\bigcirc$ |  | 0 |  | ！ |  |
| 10040 | 0 |  | 0 | \＃oveo | 0 | move | 0 | movivo | 0 | \＃ovol |  |  | \＃ovol | 0 | \＃oivol | 0 | \＃ovivo | 0 | \＃oivo | 0 | ＊iNVO |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0 |  |  |  |
| ${ }^{100412}$ | 0 |  | $\bigcirc$ | \＃ovo | 0 | \％ova | 0 | movo | 0 | Oivo | 0 |  | \＃ovvo | 0 | \＃olvo | 0 | ＊oviv | 0 | \＃ivoo |  | ＊ovio |  |  |
| ${ }^{1000414}$ | ${ }_{0}$ |  |  |  | $\bigcirc$ | 0 | 0 | molvor | 0 | \＃ovo | 0 |  | \％oivo | $\stackrel{0}{0}$ | \＃0ivol | 0 | ＊ovivo | 0 | \％olvo |  | O\％ovol | 0 |  |
| （100415 | ${ }^{14}$ |  |  | \％\％ | 0 | ${ }_{\text {O\％}}^{0 \%}$ | $\bigcirc$ | \％\％ | 0 | 0\％ |  |  | \％${ }_{\text {\％}}$ | $\bigcirc$ | \％\％ | $\bigcirc$ | \％\％ | 0 | 0\％ | 。 |  | 0 |  |
| ${ }^{100447}$ | 0 |  | 0 | \＃oveo | 0 | toivo | 0 | \＃ovvo | 0 | tovo | 0 |  | ${ }^{\text {Poblvo }}$ | 0 | \＃ovvol | 0 | \＃ovo | 0 |  |  | oiv | 0 |  |
| ${ }^{100418}$ |  |  |  |  | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }^{1000421}$ | 17 |  |  | $6 \%$ | 1 | ${ }^{6 \%}$ | 1 | ${ }_{\text {\％}}^{6}$ | 0 | 0\％ |  |  | \％ 0 \％ | 0 | \％ |  | \％ | 0 |  |  | 0\％ |  |  |
| 100422 | 6 |  |  | 17\％ |  | 0\％ |  | 0\％ | 0 | 0\％ |  |  |  |  |  |  | \％ |  |  | 0 | 0\％ | 0 |  |
| ＋00423 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }^{1000655}$ |  |  |  | － |  | 0\％ |  |  |  | \％ |  |  |  |  |  |  |  | ． | \％ |  | \％ |  |  |
| 100886 |  |  |  |  |  |  |  | 0 | 0 | 0\％ |  |  |  | 0 | \％ | 0 | 0\％ | 0 | 0\％ | 0 | \％ | 0 |  |
| ${ }^{100667}$ | 9 |  |  | \％ |  | \％ |  | $0 \%$ |  | 0\％ |  |  | \％\％ |  | ${ }^{222 \%}$ |  | 0\％ |  | \％ |  | \％ | 0 |  |
| ${ }^{1000689}$ |  |  |  | 000 |  |  |  |  |  |  |  |  | \％oivo |  | molvor |  |  |  |  |  |  |  |  |
| 100870 | 6 |  | 0 | \％ | 0 | \％ | 0 | 0\％ | 0 | 0\％ | 0 |  | \％\％ |  | ${ }^{17 \%}$ | 0 | 0\％ | 0 | 0\％ | 0 |  |  |  |
| ${ }^{1000671}$ | 0 |  | 0 | Hovo | 0 | moivo |  | \＃ovvo | 0 | movos |  |  | \＃0．V0］ |  | HovVo |  |  |  |  |  | \＃DVVO！ |  |  |
| ${ }^{1006672}$ |  |  | － |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }^{100674}$ |  |  |  | ${ }_{76} 7$ |  | ${ }^{7 \%}$ |  | ${ }^{1468}$ | 0 | 0\％ |  |  | \％ |  | ${ }^{14 \% \%}$ |  |  | 0 | $0 \%$ | 0 |  |  |  |
| （100675 | 0 |  |  | Hovo |  | －\＃ivo | ， |  | － |  | 0 |  |  | $\bigcirc$ | $\xrightarrow{\text { \＃opvol }}$ | 0 | $\xrightarrow{\text { \＃pivo }}$ | 0 | \＃ovo | O | $\underset{\text { \＃ovvol }}{\text { \＃nem }}$ |  |  |
| ${ }^{100687}$ |  |  |  |  |  |  |  |  |  |  |  |  | ＊DVVO1 |  |  |  |  |  |  |  |  |  |  |
| 100678 <br> 10079 <br> 1 |  |  | 0 | ${ }^{0 \%}$ |  | 0\％ |  | 0\％ |  | 0\％ |  |  | \％\％ |  | 0\％ | 0 | 0\％ | $\bigcirc$ | 0\％ | 0 | O\％ |  |  |
| ${ }^{1000880}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }_{100881}^{10081}$ |  |  | 0 | \＃ovol | 0 | \＃ovo | 0 | \＃ovvo | 0 |  | 0 |  | ＊OVVOI | 0 | \＃DVvol | 0 | \＃obvol |  |  | 0 | Hovvol |  |  |
| ${ }^{100682}{ }^{100683}$ |  |  |  | \％\％ | ． | \％ | 0 |  | 0 | 0\％ | 0 |  | \＃Divol |  |  |  | \＃0．vo |  |  |  |  |  |  |
| ${ }^{1000884}$ |  |  | 0 | Holvo |  | \％ovvo |  | \＃ovvo |  | \＃ovo |  |  | \＃Divol | 0 | \＃DVVO） | 0 | \＃ivivo | 0 | \＃DVNO | 0 | \＃ovvor |  | \＃OTV |
| ${ }^{100085}$ |  |  | $\bigcirc$ |  | $\bigcirc$ | \＃OVVO | 0 | \＃ovivo |  |  | 0 |  | ＊OVVo！ | $\bigcirc$ | \＃ovivo | 0 | \％ovol | － | \％\％\％ |  | \％o\％ |  |  |
| 100687 |  |  |  |  |  |  |  |  |  |  | 0 |  |  |  |  |  |  |  |  |  |  |  |  |
| 100688 <br> 10089 |  |  |  | \＃0\％ |  | ＊OV0 | ． | \＃oivol | 0 | \＃ivo | 0 |  | \％ 0 \％ 0 \％ | 0 | \＃oivol |  | \＃0VV0 |  |  |  | ${ }_{\text {Holvol }}^{\text {25\％}}$ |  |  |
| ${ }^{100950}$ |  |  | 0 |  | 0 | 0\％ | 0 | ${ }^{0 \%}$ |  | 0\％ | 0 |  | 0\％ | 0 | 0\％ | 0 | 0\％ |  | \％ | 0 | 0\％ |  |  |
| ${ }^{1000992}$ |  |  | 0 | 0\％ | 0 | 0\％ | $\bigcirc$ | 0\％ | 0 | 0\％ | 0 |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }^{100093}$ |  |  | 0 | mivo | 0 |  |  | \＃ovo |  | movol |  |  | \＃olvo |  | \＃olvol |  | \＃olvoi | 0 | \＃oviol | 0 | \＃ovvol | 。 |  |
| ${ }^{100654}{ }^{100695}$ |  |  |  | 0 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  | 0\％ |  |  |  |  |
| ${ }_{\text {l100989 }}$ |  |  | 0 | 0\％ | 0 | 0\％ | 0 | 0\％ | 0 | 0\％ | 0 |  | 0\％ | $\bigcirc$ | － | 0 | 0\％ |  | 年0\％ | $\bigcirc$ | \％ |  |  |
| （100897 |  |  | 0 | 0\％ | 0 | \％ | 0 | 0\％ |  |  |  |  |  |  | ${ }^{25 \%}$ | 0 |  | 0 | 0\％ |  | \％ | 0 |  |
| ${ }^{1000969}$ |  |  | 0 | \＃ovo | 0 | \＃ovivo | 0 | \＃ovol |  |  | 0 |  | \＃ovvor | 0 |  |  |  |  |  |  |  |  |  |
| $\frac{100760}{\text { Toal }}$ |  |  | ${ }_{2}$ |  |  |  |  |  |  |  |  |  |  | $\frac{0}{6}$ |  |  | O\％ |  | 0\％ |  | 0\％ |  |  |
| Total |  |  |  |  |  | 1\％ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |



