## In Field Instrument Review 7/18/2017-09/30/2017

100345 (AST Soldotna): 2/37 RFI- No action taken
100346 (Fairbanks Airport): 2/6 RFI- No action taken
100347 (Craig PD): 5/18 Tank Interference- All occurred on 7/30/2017 and no problems since. Will watch.

100349 (Ketchikan PD): $1 / 14$ RFI, $3 / 14$ Pump Error- No action taken
100350 (APD): $1 / 112$ Pump Error, 14/112 Interference, 1/112 Blank Error, $1 / 112$ Gas Flow Error. Removed from service for Interference Detected.

100352 (Anchorage Airport PD): 1/4 Pump Error- No action taken
100355 (Seward PD): 1/21 RFI, 1/21 Tank Interference- No action taken
100356 (Skagway PD): 1/18 RFI, 1/18 Tank Interference, 1/18 Blank Error, 1/18 Internal Standard ErrorContinue to monitor.

100361 (Unalaska PD): $1 / 6$ RFI, 1/6 Pump Error- No action taken
100363 (Nome PD): $1 / 16$ Pump Error, $1 / 16$ Interference- No action taken
100365 (North Pole PD): 1/17 Tank Interference- No action taken
100367 (Palmer PD): $1 / 47$ Pump Error 1/47 Filter Wheel Error- Removed from service for Filter Wheel Error

100370 (Homer PD): 2/17 RFI- Removed from service for preventative maintenance
100376 (Metlakatla PD): 1/7 Pump Error- No action taken
100378 (AST Fairbanks): 3/41 RFI, 1/41 Pump Error- No action taken
100384 (Juneau PD): 1/33 Tank Interference- No action taken
100396 (APD): 1/101 Pump Error, 1/101 Blank Error, 1/101 Ambient Fail, 1/101 Internal Standard ErrorNo action taken

100400 (NSBPD): 2/6 Standard Out of Range- Out of Service for Detector Overflow
100405 (Dillingham PD): 2/12 Interference- No action taken
100406 (SCDL): Instrument was not in service during this time. Tests were from training at laboratory.
100413 (Homer PD): 1/9 RFI- No action taken

100414 (Eielson AFB): 1/3 Blank Error- No action taken
100415 (Sitka PD): $3 / 22$ RFI, 1/22 Blank Error, $2 / 22$ Diagnostic Failed- No action taken
100416 (Fairbanks PD): 2/42 RFI- No action taken
100421 (JBER): 4/74 RFI, 4/74 Interference, 1/74 Blank Error, 4/74 Diagnostic Failed, 7/74 Static Analysis Error- Recommend Remove from Service

100665 (AST/Angoon): 1/2 Pump Error- No action taken
100667 (AST/MatsuWest): $1 / 14$ RFI- No action taken
100669 (APD): 1/45 Interference- No action taken
100674 (Juneau PD): 1/10 RFI, 1/10 Ambient Fail- No action taken
100676 (AST/Cantwell): $1 / 3$ RFI- No action taken
100678 (AST/Anchor Point): 1/7 Interference- No action taken
100681 (Whittier PD): $2 / 4$ Blank Error, 1/4 Standard Out of Range- No action taken
100683 (AST/Glennallen): 1/9 RFI- No action taken
100685 (AST/Tok): 1/9 RFI, 2/9 Blank Error, 1/9 Internal Standard Error- No action taken
100691 (Valdez PD): 1/6 Pump Error- No action taken
100695 (Wasilla PD): 4/42 RFI, 1/42 Pump Error, 1/42 Blank Error- No action taken
100698 (Kenai PD): 1/14 Tank Interference-No action taken

| Seria Number Toal Suject Tests |  |  |  |  |  | Interference ${ }^{\text {a }}$ Tank niterference |  |  |  | Date Range   <br> $7 / 18 / 2017$  $9 / 5 / 2017$ <br> Blank Error   |  |  |  |  |  |  |  |  | 1 Intemal Sanarara Eror |  | ${ }^{\text {Diagososic Falle }}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }^{\frac{100235}{100342}}$ |  |  |  |  |  | 0 | \＃O\％Vo |  |  |  |  | \＃OV\％） |  | $\xrightarrow{\text { Hop }}$ |  | \＃ove |  | ${ }_{\text {OO\％}}^{\text {O\％OM }}$ | $\bigcirc$ | O\％\％ | $\bigcirc{ }^{\circ} \mathrm{O}$ |
| 100333 |  |  | $\bigcirc$－\＃ovo | 0 | ＊ovivo | － | \＃ovio |  | ＊oivo |  |  | \＃olvol |  |  | 0 | \＃OV |  | ＊ovol | 0 | \＃0VV01 |  |
| O345 |  | $\frac{2}{37}$ | ${ }^{0 \%}$ | 0 | 0\％ | ， | 0\％ |  | 0\％ |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 6 | ${ }^{2}$ 2 $38 \%$ | 0 | \％$\%$ | 0 | 0\％ |  |  |  |  |  |  |  |  | ${ }^{0 \%}$ |  |  |  |  |  |
|  |  |  | 0\％ |  | 0\％ |  |  |  |  |  |  | \％ |  | 0\％ | 0 | 0\％ |  | \％ | 0 | \％\％ |  |
| S48 |  | 0 | 0 －Hoviv |  | \％ovivo |  | \＃ovo |  | ＊olvo |  |  | \＃olvol |  | \＃ovvol | 0 | \＃ovo |  | \＃ovor |  | \＃DV01 |  |
|  |  |  |  |  |  |  | ${ }^{03}$ |  |  |  |  | \％ |  | 0 |  |  |  |  |  |  |  |
| ${ }^{100350} 1$ |  | 0 | \＃ovivo | 0 | \＃ovivo | 0 | ＊ovvo | 0 | movivo |  | 0 | \＃ovivo | 0 | \％oivor | 0 | \％olvic |  | \＃oivo |  | \＃0 \％ivo！ | 0 \＃ovo |
| 100352 |  | 4 | 0\％ |  | 25\％ | 0 | 0\％ |  | 0\％ |  |  | 0\％ |  | 0\％ |  | 0\％ | 0 | 0\％ |  |  |  |
|  |  |  | 0 －mom |  | O | 0 | \＃ovo |  | movo |  |  | movor |  | movo |  |  |  |  |  |  |  |
| 100355 |  |  | 1 5\％ | 0 | \％ | 0 | \％ |  | ${ }^{5 \%}$ |  | 0 | ${ }_{0}^{0 \%}$ |  | $0 \%$ |  | \％ | ． | $0 \%$ |  | 0\％ |  |
|  |  | ${ }^{18}$ | 6\％ |  | 0\％ | 0 | 0\％ |  | 6\％ |  |  | 6\％ | 。 | \％ | 0 | \％ | 0 | \％ |  | $\frac{8 \%}{6 \%}$ | 0 |
| ${ }_{1}^{1008}$ |  | 0 | 0 －miva | 0 | movin | 0 | movo |  |  |  |  | \＃ovvo |  | ＊olve |  | $\xrightarrow{\text { molvi }}$ | 0 | ＊ovivo |  | ＊ovo |  |
|  |  |  | $\bigcirc$ |  |  |  |  |  |  |  | 0 | \％ovvon |  |  |  |  |  |  |  |  |  |
| ${ }^{100330}$ |  | 4 | \％ | 0 | $0 \%$ | 0 | \％ | 0 | \％ |  | 0 | 0\％ | $\bigcirc$ | ${ }_{\text {\％obvor }}^{0 \%}$ | 0 | \％ove | 0 | \％ovo |  | \％om | ${ }^{0}$ O \＃over |
| ${ }^{1003631}$ |  | 6 | ${ }^{17 \% 6}$ | 1 | ${ }^{17 \%}$ | 0 | 0\％ | 0 | 0\％ |  | 0 | 0\％ |  | 0\％ | 0 | 0\％ | 0 | \％ |  | 0\％ | 0 O |
| ${ }^{100362}$ |  |  | $0 \%$ | 0 | 0\％ | 0 | 0 | 。 |  |  |  |  |  |  |  |  |  |  |  |  | 0 |
| 100364 |  |  | 0 0\％ | 0 | 0\％ | 0 | \％ | 0 | 0\％ |  | 0 |  |  |  | $\bigcirc$ | 0\％ | 0 | ${ }_{0}$ | 。 | ${ }_{0} 0$ |  |
| 10 |  |  | 0\％ | 0 | \％ | 0 | 0\％ |  | 6\％ |  |  | \％\％ |  | \％\％ | 0 | 0\％ | 0 | 0\％ | 。 |  | 0 |
| 退 368 | 47 | 4 | \％ | ${ }^{1}$ |  | 0 | \％o\％ |  | Nos |  |  | ＊ovo |  | ＊oivo |  | ＊ovo |  | Hovivo |  | \＃ovo | 0 \＃oivor |
| O368 |  |  | 0\％ | 0 | 20\％ | 0 | 0\％ |  | \％ |  |  | 0 |  |  |  |  |  |  |  |  |  |
| 100369 |  |  | \＃ovo | 0 | tovo | $\bigcirc$ | \＃ovol |  | \＃ovvo |  | 0 | \＃ovo | 0 | ＊ | 0 | ＊OVV0 |  | \＃ovol |  | \＃ovivo | \＃ovivo |
| 退371 |  |  |  |  | 0 | 0 | O\％ |  | O\％ |  |  | \％ |  | 0\％ |  |  |  | \％ |  | 0\％ |  |
| ${ }^{1000372}$ |  |  | $\bigcirc$ |  | ＋ovo | 。 | tovivo |  | \％ov |  |  | \％ovvo |  | \％ |  |  |  |  |  |  |  |
| 0373 |  |  | \＃ONV | 0 | ＊ON | 0 | \＃owo | 0 | moviv |  |  | ${ }_{\text {\＃OVNO }}$ |  | ${ }_{\text {coivol }}$ |  |  |  | － |  | Hovo |  |
| 0374 |  |  | \＃017 |  | \＃ov | $\bigcirc$ | \＃olvo |  | \＃oviol |  |  | \＃Divo |  | ＊olvol |  | HOVN | 0 | ＊OVV0 |  | ＊olvol | \％ovo |
| ${ }^{3376}$ | 2 |  | 0\％ |  | 140\％ |  | ${ }^{0 \%}$ |  | 0\％ |  |  | 0\％ |  |  |  |  |  |  |  |  |  |
| ${ }^{100337}$ | 0 | ${ }_{0}$ | 0 Holvid |  | Hovio | 0 | \＃ovivo |  | Hovivo |  |  | Hovivol |  | Hovivol |  | HOVNO | 0 | \＃O\％V0 |  | \％olvo |  |
| ${ }^{1000378}$ | ${ }^{41}$ |  | 3－7\％ |  | ${ }^{28}$ | $\bigcirc$ | OOVOO |  | O\％\％ |  |  | O\％ |  | 0\％ |  | 0\％ |  |  |  |  |  |
| O230 |  |  |  |  |  |  |  |  |  |  |  |  |  | \＃ovol |  |  |  | Hoviv |  | ＊ovvo | 01 |
| ${ }^{1000381}$ | 0 |  | \＃ovivo |  | Hovivo | $\bigcirc$ | ＊ovivo | 0 | Hovivo |  | 0 | \＃oivo |  | \＃ovvo |  | \％ovivo |  |  |  | \％ovivol |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ＋100389 | ${ }^{33}$ |  | 0\％ |  | 0\％ | ， | ${ }^{0 \%}$ |  | ${ }^{3 \%}$ |  |  | \％ |  | 0\％ |  | \％ |  | \％\％ |  | 0\％ |  |
| ${ }^{100385}$ |  |  | \＃ovivo | 0 | \＃ovivo | $\bigcirc$ | ODVO | 0 | OVOO |  |  | \％${ }_{\text {OVOO }}$ |  |  |  |  |  |  |  |  |  |
|  |  |  | moviv | 0 | \＃olvo | 0 | \＃OIVIV | 0 | \＃olvo |  | 0 | tovivo |  | \＃OVNO） | 0 | \＃ovivo |  | \＃oivio |  | ＊ovvol |  |
| ${ }^{1003888}$ |  |  | 0 0\％ |  | 0\％ |  | 0\％ |  | 0\％ |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }^{1000390}$ |  |  | ${ }^{0 \%}$ | $\bigcirc$ | ${ }^{0 \%}$ | $\bigcirc$ | 0\％\％ |  | O\％ |  |  |  |  | －0\％ |  | 0\％ |  |  |  | ${ }^{0 \%}$ |  |
| ${ }^{100391}$ | 1 |  | \％ | 0 | 0\％ |  | 0\％ |  | \％ |  |  |  |  | 0\％ |  | 0\％ |  | 0\％ | ， |  |  |
| ${ }^{100392}$ | 8 |  | 0 0 |  |  |  | 0\％ |  | \％ |  |  | 0\％ | 0 |  |  |  |  |  |  |  |  |
| S035 | 0 |  | O6， |  | movivo |  | molvo |  | movvor |  |  | ＊olvo |  | \＃olvol |  | \＃oivo |  | \＃oviv |  | Hovvo | Hovin |
| ${ }^{1000397}$ | 3 |  | 0\％ | 0 | 0\％ | 0 |  |  | $0 \%$ |  |  |  |  |  |  |  |  |  |  |  |  |
| 0398 |  |  | 0\％ | 0 | \％ | 0 | \％ | 0 | \％\％ |  | 0 | \％ | 0 |  |  |  |  |  | 0 | \％\％ |  |
| 100039 |  |  | move |  | movol |  | ＊oivo |  | \＃ovvo |  |  | \＃ovvol |  | \＃olvol |  | \＃ovivo |  | \＃ovivo |  | ＊ovo |  |
| ${ }^{100402}$ |  |  | ＋ | 0 | \＃ovivo | 0 | \＃ovivo | 0 | movo |  |  | moviv | 0 | Hovivol |  | molvo | 0 | \％oivo |  | \＃ovivol |  |
| 104043 <br> 100404 | 0 |  | － | 0 | Hovo | 0 | movivo | － |  |  |  |  | $\bigcirc$ |  |  | $\underset{\substack{\text { Hovivo } \\ \text { Hovivo }}}{\text { and }}$ | 0 | $\substack{\text { Hovivo } \\ \text { HoVNo }}$ |  |  |  |
| （104045 | 12 |  | 0\％ |  | $0 \%$ | 2 |  | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }^{100406}$ | 4 | 4 | 0 0\％ |  | 0\％ | 0 | \％ | 0 | \％\％ |  |  | ${ }^{25 \%}$ |  | \％ |  | ${ }^{25 \%}$ |  | 0\％ |  |  |  |
| 100410 100411 1 | ${ }^{3}$ |  | －0\％ | 0 | － | $0$ | O\％ | － | ${ }^{0 \%}$ |  | － |  | 0 |  |  |  |  |  |  |  |  |
| ${ }^{100411}$ |  |  |  |  |  |  | molvo |  |  |  | 0 | \＃ovol |  |  |  |  |  |  |  | \＃oVvol | （tal |
| ${ }^{100413} 1$ | 9 |  | ${ }^{1196}$ | 0 | ${ }^{0 \%}$ | 0 | ${ }^{0 \%}$ | 0 | 0\％ |  | 0 | － |  | \＃0． 0 |  | \＃0\％ | 0 | \％ | 0 | ＊obvo | $\bigcirc$ |
| － 100414 |  |  | $\frac{0 \%}{14 \%}$ | $\bigcirc$ | 0\％ | 0 | 0\％ | 0 |  |  |  | ${ }^{\text {33\％}}$ |  | 0\％ |  | 0\％ | 0 | \％\％ | 0 | \％ |  |
| ${ }^{100416}$ |  |  |  | 0 | \％ | 0 |  | 0 |  |  |  | \％\％ |  |  |  |  |  |  | 0 |  |  |
|  |  |  | Hovo | 0 |  | 0 | movvo | 0 |  |  | 0 | \＃ovol |  | \＃ovvo |  |  |  |  | 0 |  |  |
| ${ }^{100418}$ |  |  | \＃0\％ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0 | \＃olvol |  |
| ${ }^{100424}$ | ${ }^{7}$ |  | 5\％ | 0 | \％ | 4 |  | 0 | 0\％ |  |  | \％ 18 |  |  | 0 |  | 0 |  | 0 |  | ${ }_{4}^{0}{ }_{4}^{0}{ }^{\text {O\％}}$ |
| 100422 100423 1 |  |  | ＊ovio | 0 | Oniol |  | ＊oviv |  | \＃oivol |  |  | \＃ovvol |  | \＃ovvol |  | \＃ovo |  |  |  | ＊ovvol |  |
| ${ }^{100023}$ |  |  | ＊ovivo | 0 | moin |  | \＃ovvo | 0 | \＃oivo |  |  | Hovivol | 0 | \＃ovivo | 0 | ${ }_{\text {\％ovivo }}^{\text {\＃\％}}$ |  | ${ }_{\text {\％}}^{\text {\％}}$ | 0 | \＃ovor |  |
| ${ }^{\text {OTO665 }}$ |  |  | 0\％ |  |  |  |  |  |  |  |  |  |  | 0\％ |  |  |  |  |  |  |  |
| ${ }^{1000667}$ | 14 |  | ${ }^{7 \%}$ | 0 | 0\％ |  | ${ }_{0}$ | $\bigcirc$ | \％\％ |  |  |  | 。 |  |  |  |  | ${ }^{0 \%}$ |  |  |  |
| ${ }^{\text {OTO688 }}$ | 0 |  | avvo |  | \＃ovvo |  | \％ovio |  | \＃ovoo |  |  | \＃oivo | ， | \＃ovvo | 0 | \＃ovivo |  |  |  | \＃olvo |  |
| 0689 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }^{1006087}$ | $3^{3}$ |  | \％o\％ |  |  |  | \％oivo | 0 |  |  | 0 | \％\％ | $\bigcirc$ | \＃ovol |  | \＃OVN0 |  | O\％ |  |  |  |
| 100872 |  |  | 0 \＃olvo |  | Hovivo |  | molvo | ， | movos |  | ， | molvo |  |  |  |  |  |  |  | \＃ivol |  |
| （100673 | ${ }_{10}$ |  | molvo |  | \＃0\％${ }^{\text {a }}$ | $\bigcirc$ | \＃ovivo | 0 | \％ovoi |  | $\bigcirc$ | movol | $\bigcirc$ | \＃ovol |  | \＃ove |  | \＃ovo |  | \＃ovvo |  |
| 100075 |  |  | \＃ovivo | 0 | molvo | 0 | \＃ovo | 0 | movo |  | 0 | \＃ovo | 0 | \＃ovo | 0 | ＊ovivo | 0 | \＃olvo |  | ＊ovio |  |
| ${ }^{1000767}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| （100678 |  |  | \＃oivo |  | movo | 1 |  | $\bigcirc$ |  |  | $\bigcirc$ | \＃iDV01 | － | \＃ovvol |  |  |  |  |  | \＃OVV01 |  |
| 100679 <br> 100880 |  |  |  |  |  | 0 | \＃ovvo | 0 | Hivol |  | 0 | \＃ovol | 0 | \＃ovvo | 0 | \％ovo | 0 | \＃ovo | 0 | ＊ovvol | － |
|  |  |  | 0\％ | $\bigcirc$ | 0\％ | 0 | \％ | 0 | \％ |  | $\stackrel{3}{2}$ |  | 1 | ${ }_{\text {coivo }}$ | $\bigcirc$ | \％ome |  |  |  |  |  |
| 100882 | 1 |  | 0 0\％ | 0 |  | 0 | 0\％ | 0 | 0\％ |  | 0 | 0\％ |  | 0\％ | 0 | \％ | 0 | 0\％ | 0 | 0\％ | 0 |
| ${ }^{100683}{ }^{100684}$ |  |  | $\bigcirc$ | 0 |  |  |  |  |  |  |  |  |  |  |  | 0\％ |  |  |  |  |  |
| 100885 |  |  | ${ }^{11 \%}$ | 0 | \％ | 0 | \％ | 0 | 0\％ |  | 2 |  | 0 | 0\％ | 0 |  | 0 |  | － |  |  |
| ${ }^{1800868}$ |  |  | ＊ovo | 0 | Hoviv |  | movvo |  | \＃ovol |  | 0 | \＃ovvo | 0 | ＊olvol | 0 | \＃ovvo |  |  | 0 |  | 0 \＃OIN |
| ${ }^{1000688}$ |  |  | $\pm$ | 0 | ＊o | 0 | \％ovvo | 0 |  |  | 0 | $\underset{\substack{\text { \＃obvol } \\ \text { \＃ivol }}}{\text { a }}$ | $\bigcirc$ | \％ | 0 | $\underset{\substack{\text { Hidvo } \\ \text { Hiva }}}{\substack{\text { a }}}$ | ， |  | － | $\underset{\substack{\text { \＃OVVOO } \\ \text { \＃OVOO }}}{ }$ | 0 |
|  |  |  | O\％ | 0 | tovo | 0 | \％\％ | 0 | O\％ |  | 0 | O\％ | $\bigcirc$ | \％\％ | 0 | 0\％ | 0 |  | 0 | $0 \%$ | $\bigcirc$ |
| 100089 |  |  |  |  | ${ }^{17 \%}$ |  |  | － |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }^{100692}$ |  |  | Hovo | 0 | \＃ovo | 0 | \＃ovvo | 0 | Onvo |  | 0 | \％ovvor | 0 | molvo | 0 | movivo | 0 | molv | 0 | \＃ovivol | 0 \＃oivo |
| （100639 | 0 |  | ${ }_{\text {\％}}$ | 0 | $\underset{\substack{\text { \＃0N } \\ \# 0 N}}{ }$ | $\bigcirc$ | \＃ovvo | $\bigcirc$ | \＃DVVO！ |  | 0 |  | $\bigcirc$ |  | $\bigcirc$ | $\underset{\substack{\text { \＃opvol } \\ \text { \＃OVO }}}{ }$ | 0 | $\underset{\substack{\text { \＃idvo } \\ \text { Hova }}}{ }$ | $\bigcirc$ | （ \＃Divvol |  |
| 100695 <br> 100688 |  |  | ${ }^{10 \%}$ |  | ${ }^{2 \%}$ | 0 | 0\％ | 0 | 0\％ |  |  | ${ }^{2 \%}$ | 0 | 0\％ |  | 0\％ |  |  |  |  |  |
| 100897 |  |  |  | 0 | 0\％ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }^{100698}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  | O | 0\％ | 0 |  |  |  | $0{ }^{0}$ |
| ${ }^{100699}{ }^{100700}$ |  |  | \＃0．vo | $\bigcirc$ | \＃ovio | $\bigcirc$ | \＃ovvo | $\bigcirc$ | ＊iviol |  |  | \＃oivol |  | \＃olvol | 0 | \＃OVOO | $\bigcirc$ | \＃0，${ }^{\text {\％}}$ |  | \＃OLVOI | Hovor |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | \％ 0 |  | \％\％ |  |  |  |  |  |



