

In Field Instrument Review
Date Range: 2023.07.19 – 2023.09.05
Review Completed on 2023.10.05 by C. O'Bryant

Status Messages and Action Taken

100342 (Bethel PD) – 1/20 RFI on Subject Tests, 1/20 Pump Error on Subject Tests – No Action Taken

100343 (Sitka PD) – 2/10 Interference on Subject Tests – Both status messages occurred on the same subject with elevated Filter 2 readings - No Action Taken

100346 (Kenai PD) – 1/29 Interference on Subject Tests – Followed by a completed test – No Action Taken

100351 (AST/Soldotna) – 2/30 RFI on Subject Tests – No Action Taken

100355 (Homer PD) – 3/4 Filter Wheel Errors on Subject Tests, 2/2 Diagnostic Fails on VOCs due to Filter Wheel Errors – Instrument removed from service due to filter wheel errors (100355 2023.07.21 Change In Status).

100358 (AST/Mat-Su West) – 2/19 RFI on Subject Tests – No Action Taken

100366 (Kodiak PD) – 1/13 RFI on Subject Tests – No Action Taken

100367 (Seward PD) – 1/16 Internal Standard Error on Subject Tests – Monitor Instrument

100370 (UAF PD) – 1/15 RFI on Subject Tests, 1/15 Tank Interference on Subject Tests, 2/15 Blank Errors on Subject Tests, 2/15 Internal Standard Errors on Subject Tests and 1/1 Diagnostic Failure on VOCs – Instrument replaced (100370 2023.09.14 – Change in Status)

100380 (Ketchikan PD) – 2/13 Tank Interference on Subject Tests – Both status messages occurred on the same subject, followed by a completed test – Filter 3 reading elevated for both tests - Monitor Instrument

100392 (Homer PD) – 2/22 RFI on Subject Tests, 1/22 Blank Error on Subject Test, 1/2 RFI on VOCs – No action taken.

100400 (Craig PD) – 1/3 Tank Interference on VOC – Followed by two completed VOCs. Tank interferences occurred on 2023.07.18 and 2023.07.20 VOCs. No additional since then. Two successfully completed VOCs on 2023.07.20 and 2023.09.05. Discontinue Monitoring.

100402 (AST/Tok) – 1/7 RFI on Subject Test – Followed by a completed test – No action taken.

100403 (Wasilla PD) – 1/32 Pump Error on Subject Tests, 1/32 Internal Standard Error on Subject Test – Both were followed by completed test – No action taken.

100405 (Fairbanks Airport PD) – 1/1 Diagnostic Failure on VOC – Due to internal standard error – Instrument removed from service for persistent internal standard error – (100405 – 2023.09.09 Change In Status).

100413 (Fairbanks PD) – 5/55 RFI on Subject Tests – No action taken.

100421 (JBER) – 3/30 RFI on Subject Tests, 1/30 Pump Error on Subject Tests, 1/30 Interference on Subject Tests, 8/30 Blank Error on Subject Tests, 1/30 Ambient Fail on Subject Tests – 10 of the status

messages occurred on the same subject. – Removed from service 2023.08.09 (100421 2023.08.09 Change In Status)

100422 (JBER) – 6/29 RFI on Subject Tests, 1/29 Pump Error on Subject Tests, 1/29 Interference on Subject Tests, 1/29 Ambient Fail on Subject Tests – No action taken.

100665 (AST/Healy) – 2/4 RFI on Subject Tests – both occurred on the same subject and were followed by a completed test – No action taken.

100667 (Anchorage PD) – 1/107 Pump Error on Subject Tests, 1/107 Blank Error on Subject Tests – No action taken.

100669 (Palmer PD) – 1/49 RFI – No action taken.

100676 (Ft. Yukon) – 1/3 Blank Error on VOC – Followed by a completed VOC –Removed from service due to lack of Certified Breath Test Supervisor or Operator. – (100676 2023.10.04 Change In Status)

100687 (Anchorage PD) – 1/10 Pump Error on Subject Tests, 2/10 Interference on the Subject Test, 1/10 Tank interference on the subject tests – Two interference and one tank interference on the subject tests, followed by completed tests. Pump Error not followed by a completed test. – No action taken.

100690 (Clear AFB) – 2/8 RFI on Subject Tests, 1/8 Internal Standard Error on Subject Tests – Internal standard error was on a subject tested 5 times – Monitor Instrument

100693 (Juneau PD) – 4/7 Blank Error on Subject Tests – four tests on two subjects, two blank errors each. Both subjects had elevated detector readings. – No action taken.

100697 (Anchorage PD) – 7/141 RFI on Subject Tests, 1/141 Pump Error on Subject Tests, 1/141 Interference on Subject Tests, 4/141 Blank Error on Subject Tests, 1/141 Ambient Fail on Subject Tests – No action taken.

Follow Up from Previous In Field Instrument Review

100400 (Craig PD) – Monitored for tank interference – tank interferences occurred on 2023.07.18 and 2023.07.20 VOCs. No additional since then. Two successfully completed VOCs on 2023.07.20 and 2023.09.05. Discontinue Monitoring

100406 (Denali NP) – Instrument being monitored due to the breath tube temperature being too low (Diagnostic failed). Only testing conducted was on “test/test” and did not demonstrate breath tube temperature issues. – Continue Monitoring Due to Lack of Tests

Agencies not included in this summary:

100406 (Denali NP): Instrument uploaded, no VOC.

100420 (Ft. Greely MP): Instrument doesn't upload, files needed from last 4 cycles.

100424 (Eielson AFB): Instrument doesn't upload, files needed from this cycle and last cycle.

100666 (King Cove PD): Instrument uploaded, no VOC.

100678 (Sand Point PD): Instrument doesn't upload, files needed.

100694 (Ft. Wainwright MP): Instrument doesn't upload, files needed.

Subject Test Data

Table with columns: Serial Number, Total Subject Tests, RFI, Pump Error, Interference, Tank Interference, Blank Error, Standard Out of Range, Gas Flow Error, Ambient Fail, Internal Standard Error, Diagnostic Fail, Total Codes. Rows include instrument IDs like 100255, 100342, etc.

**The date range listed above represents the first and last dates of data generated from the DMHost report. The search range could be larger than the date range listed

2023.07.19 - 2023.09.05

VOC Data

Table with columns: Serial Number, Total VOC Tests, User Abort, Detector Overflow, Barometer Error, Filter Wheel Error, Suck Back Error, Date Range (7/19/2023, 9/5/2023), Total Tests (88), Total Messages (0), Filter 1 Won't Zero, Samp Chamb Low, Breath Tube High, Static Analysis Error, Total Codes.

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