

In Field Instrument Review
Date Range: 2025.10.25 – 2025.12.12
Review Completed on 2025.12.22 by Derek Walton

Status Messages and Action Taken

100343 (Anchorage PD) – 3/108 RFI on Subject Tests, 1/108 Pump Error on Subject Tests, 2/108 Subject Interference on Subject Tests, 4/108 Blank Error on Subject Tests, 1/108 Ambient Fail on Subject Tests. Blank Errors and Ambient Fail followed by complete tests. No action taken.

100351 (AST/Soldotna) – 3/13 RFI on Subject Tests, 1/2 RFI on VOCs. 2/3 RFI on Subject Tests followed by completed tests (1 additional Incomplete). RFI on VOC followed by completed VOC. **Continue monitoring for RFI.**

100358 (AST/Tok) – 2/4 RFI on Subject Tests, 1/4 RFI on VOCs, 1/4 Diagnostic Failed on VOCs (due to RFI detected). Both RFI messages occurred on the same subject. Failed VOCs followed by completed VOCs on the same dates. Incomplete data was obtained from this cycle. Emailed Breath Test Supervisor on 12/22/2025 (100358-2025-12-22-Change In Status). **Recommend monitoring for RFI frequency.**

100361 (Soldotna PD) – 1/13 RFI on Subject Tests, 1/13 Pump Error on Subject Tests. No action taken.

100365 (Kenai PD) – 1/2 Standard Out of Range on VOCs. Two passing VOCs since this time with typical external standard values (12/13/2025 and 12/18/2025). No action taken.

100367 (Sitka PD) – 1/6 Blank Error on Subject Tests. No action taken.

100369 (AST/Fairbanks) – 6/38 RFI on Subject Tests. RFIs occurred twice on each of 3 subjects followed by completed tests. No action taken.

100390 (Juneau PD) – 1/18 Internal Standard Error on Subject Tests on 11/27/2025 (4.8%). Missing 12/12/2025 VOC for this instrument. **Recommend monitoring for internal standard errors.**

100403 (Anchorage PD) – In service at Wasilla PD through 11/14/2025 (100403-2025-11-14-CHANGE-IN-STATUS). Placed in service at Anchorage PD 12/19/2025 (100403-2025-12-19-CHANGE-IN-STATUS). 1/14 RFI on Subject Tests, 1/14 Pump Error on Subject Tests while in service at Wasilla PD. Both tests were followed by completed tests. Instrument calibrated at the lab 11/24/2025. No further action taken.

100413 (Fairbanks PD) – 2/25 RFI on Subject Tests. No action taken.

100421 (JBER) – 1/11 RFI on Subject Tests, 2/11 Blank Error on Subject Tests, 1/11 Detector Overflow on Subject Tests, 1/6 Blank Error on VOCs. All subject tests with status messages marked TEST/TEST. Failed VOC followed by 3 passing VOCs. No action taken.

100422 (JBER) – 3/31 RFI on Subject Tests, 1/31 Pump Error on Subject Tests. No action taken.

100669 (Palmer PD) – 6/35 RFI on Subject Tests, 1/35 Pump Error on Subject Tests. Elevated RFI frequency is typical for this agency. No action taken.

100670 (AST/Mat-Su West) – 1/10 RFI on Subject Tests. No action taken.

100676 (North Pole PD) – 3/13 RFI on Subject Tests. One of the RFIs was followed by a completed test. The other 2 occurred on the same subject. No action taken.

100695 (Anchorage PD) – 2/99 Pump Error on Subject Tests, 1/99 Tank Interference on Subject Tests, 1/99 Ambient Fail on Subject Tests, 1/99 Internal Standard Error on Subject Tests, 1/1 Blank Error on VOC during data range followed by a passing VOC on 12/13/2025. There were 4 additional VOCs on 12/14/2025, 2 passing and 2 with Blank Errors. Two additional Internal Standard Errors occurred on Subject Tests on 12/18/2025. Instrument removed from service by agency on 12/19/2025 (100695-2025-12-19-CHANGE-IN-STATUS) for Internal Standard Errors. No further action taken.

100698 (AST/Glennallen) – 1/3 RFI on Subject Tests. No action taken.

Follow Up from Previous In Field Instrument Review

100349 (Metlakatla PD) – Instrument returned to lab on 11/05/2025 (100349-2025-10-13-Check-In). No further action needed.

100351 (AST/Soldotna) – Four additional RFI messages this cycle (3 on Subject Tests, 1 on VOCs). Previously monitored for RFI messages. **Continue monitoring for RFI.**

100367 (Sitka PD) – No additional Internal Standard Errors this cycle. Discontinue monitoring.

100392 (Homer PD) – Instrument returned to lab on 12/16/2025 (100392-2025-12-16-Check-In). No further action needed.

Agencies not included in this summary:

100342 (Unalaska) – Does not upload reliably and agency unresponsive. Last VOC on file is 10/24/2025.

100358 (AST/Tok) – Last upload 11/19/2025 and agency has not responded to request for files. Last VOCs on file are from 11/13/2025.

100360 (Kake PD) – Does not upload and no response on requests for files thus far. VOCs from 7/18/2025, 9/5/2025, 10/24/2025, and 12/12/2025 are needed. Last VOC on file is 06/08/2025. Lab staff will contact the agency regarding receiving the electronic data.

100364 (Nome PD) – No files provided as of the date of the In Field report. Last VOC on file is 10/24/2025.

100370 (Eielson AFB) – Does not upload and no response on request for files. VOCs from 10/24/2025 and 12/12/2025 are needed. Last VOC on file is 09/16/2025.

100379 (AST/St. Mary's) – No files provided as of the date of the In Field report. Last VOC on file is 10/30/2025.

100388 (Hoonah PD) – No files provided as of the date of the In Field report. Last VOC on file is 10/28/2025.

100390 (Juneau PD [1 of 2]) – Missing 12/12/2025 VOC for this instrument. Last VOC on file is 10/24/2025.

100397 (Metlakatla PD) – No files provided as of the date of the In Field report. Last VOC on file is 11/07/2025.

100398 (AST/Aniak) – No files provided as of the date of the In Field report. Last VOC on file is 10/24/2025.

100404 (Kotzebue PD) – No files provided as of the date of the In Field report. Last VOC on file is 10/24/2025.

100415 (AST/Ketchikan) – No files provided as of the date of the In Field report. Last VOC on file is 10/24/2025.

100667 (Haines PD) – No files provided as of the date of the In Field report. Last VOC on file is 10/31/2025.

More agencies than typical do not have complete data included in this In Field Instrument Review due to the limited data collection timeframe before authoring the report. This is expected to return to normal within the next 1 to 2 review cycles.

Subject Test Data

Serial Number	Total Subject Tests	Date Range										Total Tests 574										Total Messages 54 9.4%									
		10/25/2025		12/12/2025		Blank Error		Standard Out of Range		Gas Flow Error		Ambient Fail		Internal Standard Error		Diagnostic Failed		Total Codes													
		RPI	Pump Error	Interference	Rank Interference	Blank Error	Standard Out of Range	Gas Flow Error	Ambient Fail	Internal Standard Error	Diagnostic Failed	Total Codes																			
100343	108	3	3%	1	1%	2	2%	0	0%	0	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100351	13	3	23%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100358	4	2	50%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100361	13	1	8%	1	8%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100367	6	0	0%	0	0%	0	0%	0	0%	1	17%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100369	38	6	16%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100390	18	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	6%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100403	14	1	7%	1	7%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100413	25	2	8%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100421	11	1	9%	0	0%	0	0%	2	18%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100422	31	3	10%	1	3%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100669	35	6	17%	1	3%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100670	10	1	10%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100676	13	3	23%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100695	99	0	0%	2	2%	0	0%	1	1%	0	0%	1	1%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100698	3	1	33%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Total	574	33	6%	7	1%	2	0%	1	0%	7	1%	0	0%	0	0%	2	0%	2	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%

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.

Subject Test Data											Date Range		Total Tests		574							
											10/25/2025 12/12/2025		Total Messages		1		0.2%					
Serial Number	Total Subject Tests	User Abort		Detector Overflow		Barometer Error		Filter Wheel Error		Suck Back Error		Undefined Error		Filter 1 Won't Zero		Samp Chamb Low		Breath Tube High		Static Analysis Error		Total Codes
100421	11	0	0%	1	9%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1
Total	574	0	0%	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1

**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.*

VOC Data

VOC Data												
		Date Range				Total Tests		101				
		10/27/2025 12/12/2025				6		5.9%				
Serial Number	Total VOC Tests	RFI	Pump Error	Interference	Tank Interference	Blank Error	Standard Out of Range	Gas Flow Error	Ambient Fail	Internal Standard Error	Diagnostic Failed	Total Codes
100351	2	1 50%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	1
100358	4	1 25%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	2 50%	2
100365	2	0 0%	0 0%	0 0%	0 0%	0 0%	1 50%	0 0%	0 0%	0 0%	0 0%	1
100421	6	0 0%	0 0%	0 0%	0 0%	1 17%	0 0%	0 0%	0 0%	0 0%	0 0%	1
100695	1	0 0%	0 0%	0 0%	0 0%	1 100%	0 0%	0 0%	0 0%	0 0%	0 0%	1
Total	101	2 2%	0 0%	0 0%	0 0%	2 2%	1 1%	0 0%	0 0%	0 0%	1 1%	6

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.

VOC Data

VOC Data						Date Range		Total Tests		101											
						10/27/2025 12/12/2025		Total Messages		0		0.0%									
Serial Number	Total VOC Tests	User Abort	Detector Overflow	Barometer Error	Filter Wheel Error	Suck Back Error	Undefined Error	Filter 1 Won't Zero	Samp Chamb Low	Breath Tube High	Static Analysis Error	Total Codes									
100255	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100342	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100343	2	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100344	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100345	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100346	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100347	2	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100348	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100349	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100350	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100351	2	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100352	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100353	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100354	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100355	2	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100356	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100357	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100358	4	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100359	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100360	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100361	2	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100362	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100363	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100364	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100365	2	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100366	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100367	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100368	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100369	2	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100370	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100371	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100372	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100373	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100374	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100375	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100376	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100377	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100378	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100379	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100380	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100381	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100382	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100384	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100385	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100386	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100387	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100388	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100389	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100390	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100391	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100392	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100395	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100396	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100397	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100398	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100399	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100400	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100402	4	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100403	3	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100404	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100405	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100406	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100410	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100411	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100412	3	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100413	2	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100414	2	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100415	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100416	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100417	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0	0%	0	0	0%	0
100418	1																				