# In Field Instrument Review Date Range: 2024.02.22 – 2024.04.11 Review Completed on 2024.04.26 by Carlie Glaister

### **Status Messages and Action Taken**

**100342 (Bethel PD):** 4/21 Pump Error on Subject Tests (all on the same subject), 3/21 Subject Interference on Subject Tests (all on the same subject), 3/21 Internal Standard on Subject Tests – *Recommend replacement* 

100346 (Kenai PD): 1/16 RFI on Subject Tests – No action taken.

**100348 (Metlakatla PD):** 2/4 Standard Out of Range on Subject Tests, 2/4 Diagnostic Failed on Subject Tests due to breath tube temperature being too low, 2/5 Standard Out of Range on VOC Tests. Agency reached out for troubleshooting (100348 2024.04.01 Change In Status and attached emails). Standard Out of Range status message recurred – *Recommend replacement* 

**100351 (AST/Soldotna):** 4/28 RFI on Subject Tests all followed by completed tests, 1/28 Blank Error on Subject Test followed by a completed test – No action taken.

**100358 (AST/Mat-Su West):** 1/16 RFI on Subject Tests followed by a completed test, 1/16 Blank Error on Subject Tests followed by a completed test – No action taken.

**100361 (Anchorage PD):** 3/127 RFI on Subject Tests, 1/127 Tank Interference on Subject Tests followed by a completed test, 2/127 Blank Error on Subject Tests, 1/127 Standard Out of Range on Subject Tests followed by a completed test, 2/127 Static Analysis Error on Subject Tests [occurred on two different subjects, one was followed by a completed test and the other was followed by a blank error (followed later by completed tests)] – **Recommend monitoring for Static Analysis error** 

**100369 (AST/Bethel):** 1/6 Pump Error on Subject Tests, 1 Blank Error on Subject Tests, 1 Internal Standard Error on Subject Tests. Pump Error and Internal Standard Error occurred on the same subject (along with an Incomplete and Maximum Attempts Exceeded) – **Recommend monitoring for Internal Standard Error** 

**100380 (Ketchikan PD):** 1/15 Pump Error on Subject Tests – No action taken.

**100387 (Ft. Greely):** 1/3 Pump Error on Subject Tests - No action taken.

100389 (AST/Fairbanks): 2/25 RFI on Subject Tests – No action taken.

**100390 (Juneau PD):** 3/16 Subject Interference on Subject Tests, all three occurred on the same subject – No action taken.

**100392 (Homer PD):** 2/11 Pump Error on Subject Tests, 2/11 Blank Error on Subject Tests, all status messages (in addition to 3 Incompletes) occurred on the same individual followed by a completed test, the breath test supervisor was contacted regarding repeated testing (100392 2024.04.24 Change In Status) – No further action taken.

**100402 (AST/Tok):** 1/9 RFI on Subject Tests – No action taken.

100403 (Wasilla PD): 1/33 Blank Error on Subject Tests followed by a completed test – No action taken.

**100412 (Unalakleet PD):** 1/5 Tank Interference on Subject Tests followed by a completed test – No action taken.

**100413 (Fairbanks PD):** 1/24 RFI on Subject Tests, 1/24 Subject Interference on Subject Tests followed by a completed test – No action taken.

**100415 (Anchorage PD):** 1/13 RFI on Subject Tests – No action taken.

**100420 (Ft. Greely):** 2/3 Subject Interference on Subject Tests, both on the same subject followed by a completed test – Instrument removed from service on 03/15/2024 for missing data files (100420 2024.03.15 Change In Status)

**100422 (JBER):** 4/21 RFI on Subject Tests, 1/21 Subject Interference on Subject Tests followed by a completed test, 1/21 Ambient Fail on Subject Tests – No action taken.

**100665 (AST/Healy):** 1/5 Pump Error on Subject Tests – No action taken.

**100668 (North Pole PD):** 1/12 Blank Error on Subject Tests followed by a completed test – No action taken.

**100669 (Palmer PD):** 10/60 RFI on Subject Tests, 2/60 Tank Interference on Subject Tests both occurring on TEST subject, 1/60 Blank Error on Subject Tests – Emailed Breath Test Supervisor for further on-site troubleshooting (100669 2024.04.25 Change In Status)

**100681 (Soldotna PD):** 1/9 RFI on Subject Tests – No action taken.

**100697 (Anchorage PD):** 1/106 RFI on Subject Tests, 2/106 Subject Interference on Subject Tests, 1/106 Blank Error on Subject Tests, 1/106 Ambient Fail on Subject Tests, 1/106 Diagnostic Failed on Subject Tests due to low tank pressure. Tank replaced by agency 4/10/2024 – No action taken.

**100700 (UAF PD):** 2/15 RFI on Subject Tests, 1/15 Subject Interference on Subject Tests followed by a completed test – No action taken.

# Follow Up from Previous In Field Instrument Review

**100351 (AST/Soldotna):** Fewer RFI status messages this cycle.

100358 (AST/Mat-Su West): Fewer RFI status messages this cycle.

**100366 (Kodiak PD):** Monitored due to a Detector Overflow (Diagnostic Failed) on VOC test. This status message did not recur this cycle – <u>Discontinue monitoring</u>.

**100404 (Kotzebue PD):** Monitored due to Tank Interference status messages on VOC tests. This status message did not recur this cycle - <u>Discontinue monitoring.</u>

## Agencies not included in this summary:

**100364 (Nome PD):** Instrument cannot currently upload nor retrieve datafiles onto a USB drive, last upload on 04/10/2024. Nome IT is working to restore modem line communication.

**100381 (AST/Talkeetna):** Instrument cannot currently upload, datafiles not sent at this time, last upload on 02/22/2024.

**100395 (AST/Aniak):** Instrument cannot currently upload, datafiles not sent at this time, last upload 03/10/2024.

**100687 (King Cove PD):** Instrument cannot upload, datafiles not sent at this time. Breath Test Supervisor is not available on-site until early May.

Subject Test Data											Date Range Total Tests 717				1							
Control Neuropere	Total Cubic et Total							Taululate		2/22/2024	4/11/2024		tal Messages	82	11.4%	Amelaia		Laternal C	terrel and Free	D:	the Failer	Tetel Cedee
	Total Subject Tests		RFI	Pump	Error	Inter	erence		Tank Interference		Blank Error		Standard Out of Range		ow Error	Ambient Fail		Internal Standard Error		5		Total Codes
100342	21	0	0%	4	19%	3	14%	0	0%	0	0%	0	0%	0	0%	0	0%	3	14%	0	0%	10
100346	16	1	6%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1
100348	4	0	0%	0	0%	0	0%	0	0%	0	0%	2	50%	0	0%	0	0%	0	0%	2	50%	4
100351 100358	28 16	4	14%	0	0%	0	0% 0%	0	0% 0%	1	4%	0	0% 0%	0	0%	0	0% 0%	0	0% 0%	0	0% 0%	5
	-	1	6%	0	0%	-	-	0	-	1	6%	0		0	0%	0		-	-	0	-	2
100361	127	3	2%	0	0%	0	0%	1	1%	2	2%	1	1%	0	0%	0	0%	0	0%	0	0%	1
100369	6	0	0%	1	17%	0	0%	0	0%	1	17%	0	0%	0	0%	0	0%	1	17%	0	0%	3
100380	15	0	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1
100387	3	0	0%	1	33%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1
100389	25	2	8%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	2
100390	16	0	0%	0	0%	3	19%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	3
100392	11	0	0%	2	18%	0	0%	0	0%	2	18%	0	0%	0	0%	0	0%	0	0%	0	0%	4
100402 100403	9	1	11%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1
	33	0	0%	0	0%	0	0%	0	0%		3%	0	0%	0	0%	0	0%	0	0%	0	0%	1
100412	5	0	0%	0	0%	0	0%	1	20%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1
100413	24	1	4%	0	0%	1	4%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	2
100415	13	1	8%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1
100420	3	0	0%	0	0%	2	67%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	2
100422	21	4	19%	0	0%	1	5%	0	0%	0	0%	0	0%	0	0%	1	5%	0	0%	0	0%	6
100665	5	0	0%	1	20%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1
100668	12	0	0%	0	0%	0	0%	0	0%	1	8%	0	0%	0	0%	0	0%	0	0%	0	0%	1
100669	60	10	17%	0	0%	0	0%	2	3%	1	2%	0	0%	0	0%	0	0%	0	0%	0	0%	13
100681	9	1	11%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1
100697	106	1	1%	0	0%	2	2%	0	0%	1	1%	0	0%	0	0%	1	1%	0	0%	1	1%	6
100700	15	2	13%	0	0%	1	7%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	3
Total	717	32	4%	10	1%	13	2%	4	1%	11	2%	3	0%	0	0%	2	0%	4	1%	3	0%	82

\*\*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

		Date	Range		Total Tests	717																
		2/22/2024	4/11/2024	Tota	I Messages	2	0.3%															
Serial Number	Total Subject Tests	User Abort		Detector	Overflow	Barometer Error		Filter Wheel Error		Suck Back Error		Undefin	Undefined Error		Filter 1 Won't Zero		Samp Chamb Low		Breath Tube High		Static Analysis Error	
100361	127	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	2	2%	2
Total	717	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	2	0%	2
			**The da	ite range lis	sted above	represents	the first ar	d last date	s of data g	enerated fro	m the DMHos	st report. T	he search r	ange coul	d be larger	than the da	ite range lis	sted.*				

					Date	Range		Total Tests	91													
		ata					2/23/2024	4/11/2024	To	tal Messages	2	2.2%										
Serial Number	Total VOC Tests	RFI		Pump Error		Interference		Tank Interference		Blank Error		Standard (	Out of Range	Gas Fl	ow Error	Ambie	bient Fail Internal Standard Error			Diagno	stic Failed	Total Codes
100348	5	0	0%	0	0%	0	0%	0	0%	0	0%	2	40%	0	0%	0	0%	0	0%	0	0%	2
Total	91	0	0%	0	0%	0	0%	0	0%	0	0%	2	2%	0	0%	0	0%	0	0%	0	0%	2
		**T	The date	range li	sted abo	ve repres	sents the f	irst and las	t dates of	data genera	ted from the	DMHost rep	port. The sea	arch rang	e could be	larger that	an the da	ate range li	isted.**			

			voc	Data							Range 4/11/2024	Tota	Total Tests I Messages		0.0%	Ī					
Serial Number	Total VOC Tests		Abort	Detector	Overflow		eter Error		heel Error	Suck B	ack Error	Undefin	ned Error	Filter 1 V	/on't Zero		amb Low	Breath Tube High			Total Codes
100255 100342	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
100343	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0
100344 100345	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
100345	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0
100347 100348	1 5	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
100348	1	0	0%	0	0%	0	0%	0	0% 0%	0	0%	0	0%	0	0% 0%	0	0% 0%	0 0%	0	0%	0
100350 100351	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%	0
100351	1	0	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%	0
100354 100355	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
100356	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0
100357 100358	1	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
100359	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0
100360 100361	2	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
100362	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0
100363 100364	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
100365	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0
100366 100367	2	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
100368	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0
100369 100370	1	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
100371	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0
100372 100373	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%	0
100374	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0
100375 100376	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
100377	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0
100378 100379	1	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
100380	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0
100381 100382	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
100384	2	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0
100385 100386	0	0	0%	0	0% 0%	0	0%	0	0%	0	0%	0	0% 0%	0	0%	0	0%	0 0%	0	0%	0
100387	2	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0
100388 100389	1	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	2	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0
100391 100392	0	0	0%	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%	0
100396 100397	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
100398	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0
100399 100400	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
100402	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0
100403	1	0	0%	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%	0
100406 100410	1	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
100411	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0
100412 100413	1	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
100414	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0
100415 100416	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
100417	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0
100418 100420	1	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 100422	1	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
100423	0	0	0%	0	0% 0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0
100424 100665	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%	0	0%	0
100666	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0
100667 100668	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% 0%	0
100669	3	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0
100670 100671	2	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%	0
100672	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0
100673 100674	1 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	0% 0%	0
100675	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0
100676 100677	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	0% 0%	0
100678	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0
100679 100680	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%	0
100681	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0
100682 100683	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
100684	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0
100685	0	0	0%	0	0% 0%	0	0%	0	0%	0	0%	0	0% 0%	0	0%	0	0%	0 0%	0	0%	0
100687	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0
100688 100689	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
100690	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0
100691 100692	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%	0
100693	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0
100694	1	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%	0
100696	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0
100697 100698	2	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
100699	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0
100700 Total	1 91	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
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