In Field Instrument Review

Date Range: 2024.09.06 - 2024.10.24

Review Completed on 2024.11.26 by Megan Carlock

Status Messages and Action Taken

100342 (Unalaska PD): 1/4 Standard Out of Range on Subject Tests followed by a complete breath test – No action taken.

100346 (Kenai PD): 3/10 Diagnostic Failed due to breath hose temperature on Subject Tests. Instrument was moved to a new location, see <u>100346 2024.09.23 Change In Status -1 and -2</u>.

100348 (AST/Bethel): 1/3 Tank Interference on VOC – No action taken.

100351 (AST/Soldotna): 2/17 RFI on Subject Tests. 1/1 RFI on VOC followed by a passing VOC on 10/26/24 – No action taken.

100354 (Anchorage PD): 2/140 Interference Detected on Subject Tests from the same individual, 1/140 Ambient Fail on Subject tests. No action taken.

100358 (AST/Mat-Su West): 8/34 RFI on Subject Test, 2/34 Interference Detected on Subject tests from the same individual. *Recommend monitoring for RFI*.

100365 (Skagway PD): 1/7 Tank Interference, 2/7 Internal Standard Error on Subject Tests. 1/1 Internal Standard error on VOC. Instrument taken out of service, see <u>100365 2024.09.27 Change In Status</u>.

100366 (Kodiak PD): 2/21 RFI on Subject Tests, 3/21 Pump Error on Subject Tests. *Recommend monitoring for pump error.*

100374 (AST/Delta): 1/2 RFI on Subject Tests – No action taken.

100380 (Ketchikan PD): 1/11 Tank Interference on Subject Tests – No action taken.

100384 (AST/Kodiak): 1/2 RFI on Subject Tests - No action taken.

100389 (AST/Fairbanks): 4/41 RFI on Subject Tests – No action taken.

100398 (Metlakatla PD): 1/1 Internal Standard Error on VOC. Passing VOC occurred on 11/4/24 – Recommend monitoring for internal standard error.

100400 (Bethel PD): 2/24 Pump Error on Subject Tests, 1/24 Interference Detected on Subject Tests, 2/24 Tank Interference on Subject Tests, 1/24 Blank Error on Subject Tests. 1/3 Diagnostic Failed for Internal Standard on VOC. Monitoring was recommended last cycle for standard out of range and tank interference. *Remove from service, new instrument shipped on 11/19/24*.

100403 (Wasilla PD): 1/20 Pump Error on Subject Tests – No action taken.

100413 (Fairbanks PD): 2/26 RFI on Subject Tests, 3/26 Tank Interference on Subject Tests which all occurred on test type "Test", 7/26 Blank Error on Subject Tests, and 1/26 Ambient Fail on Subject Tests. 6 of the Blank Errors occurred before troubleshooting for a 5-way valve, see 100413

<u>2024.09.21 Change In Status</u>. The other Blank Error and Ambient Fail occurred on the same individual with a following passing test. No additional action taken due to troubleshooting on 9/21/24.

100414 (Glacier Bay National Park): 1/6 Diagnostic Failed on VOC due to User Abort and 2/6 User Abort on VOC. These were lab-initiated VOC's which resulted in user abort - No action taken.

100420 (Ft. Greely): 1/6 RFI on Subject Tests. *Discontinue monitoring for filter wheel errors*.

100668 (North Pole PD): 1/4 RFI on Subject Tests – No action taken.

100669 (Palmer PD): 5/44 RFI on Subject Tests and 1/44 Pump Error on Subject Tests – No action taken.

100684 (Fairbanks Airport PD): 2/4 Interference Detected on Subject Tests on the same individual, 1/4 Tank Interference on Subject Tests, 1/2 Tank Interference on VOC – *Recommend monitoring for tank interference*.

100687 (King Cove PD): 1/2 Blank Error on VOC – No action taken.

100697 (Anchorage PD): 2/98 RFI on Subject Tests, 1/98 Pump Error on Subject Tests, 2/98 Interference Detected on Subject Tests, 1 was followed by a completed test. 1/98 Ambient Fail on Subject Tests. No action taken.

100699 (JBER): 1/14 RFI on Subject Tests, 2/14 Internal Standard Error on Subject Tests. Taken out of service, see <u>100699 2024.10.03 Change In Status.</u>

Follow Up from Previous In Field Instrument Review

100371 (Whittier PD): No breath tests ran during VOC cycle. *Discontinue monitoring for RFI Status Messages*.

100400 (Bethel PD): 2/24 Pump Error on Subject Tests, 1/24 Interference Detected on Subject Tests, 2/24 Tank Interference on Subject Tests, 1/24 Blank Error on Subject Tests. 1/2 Diagnostic failed on VOC. Monitor for standard out of range and tank interference. *Remove from service, new instrument shipped on 11/19/24*.

100420 (Ft. Greely): 1/6 RFI on Subject Tests. Monitoring for filter wheel errors. No further filter wheel errors during the review period – *Discontinue monitoring*.

Agencies not included in this summary

100342 (Unalaska PD): Does not currently upload. VOC from 9/26/2024 is present, VOC from 10/24/2024 is needed.

100370 (Sand Point PD): Intermittently uploading and data files were inadvertently lost, VOC from 10/24/24 is needed.

100376 (AST/St. Mary's): Instrument cannot currently upload, data files not sent at this time, last upload was on 05/20/2024. Agency does not currently have a breath test operator or supervisor, see 100376 2024.11.21 Change In Status. Administratively removed from service as of 11/21/2024.

			Range		Total Tests	665																
			10/24/2024		al Messages	74	11.1%															
Serial Number	Total Subject Tests	RFI Pump Error			Interference Tank Inte			erference	Blan	Blank Error		Standard Out of Range		Gas Flow Error		nt Fail	Internal S	tandard Error	Diagnos	stic Failed	Total Codes	
100342	4	0	0%	0	0%	0	0%	0	0%	0	0%	1	25%	0	0%	0	0%	0	0%	0	0%	1
100346	10	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	3	30%	3
100351	17	2	12%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	2
100354	140	0	0%	0	0%	2	1%	0	0%	0	0%	0	0%	0	0%	1	1%	0	0%	0	0%	3
100358	34	8	24%	0	0%	2	6%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	10
100365	7	0	0%	0	0%	0	0%	1	14%	0	0%	0	0%	0	0%	0	0%	2	29%	0	0%	3
100366	21	2	10%	3	14%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	5
100374	2	1	50%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1
100380	11	0	0%	0	0%	0	0%	1	9%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1
100384	2	1	50%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1
100389	41	4	10%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	4
100400	24	0	0%	2	8%	1	4%	2	8%	1	4%	0	0%	0	0%	0	0%	0	0%	0	0%	6
100403	20	0	0%	1	5%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1
100413	26	2	8%	0	0%	0	0%	3	12%	7	27%	0	0%	0	0%	1	4%	0	0%	0	0%	13
100420	6	1	17%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1
100668	4	1	25%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1
100669	44	5	11%	1	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	6
100684	4	0	0%	0	0%	2	50%	1	25%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	3
100697	98	2	2%	1	1%	2	2%	0	0%	0	0%	0	0%	0	0%	1	1%	0	0%	0	0%	6
100699	14	1	7%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	2	14%	0	0%	3
Total	665	30	5%	8	1%	9	1%	8	1%	8	1%	1	0%	0	0%	3	0%	4	1%	3	0%	74

^{**}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.**

			Subjec	t Test I	Data						Range 10/24/2024		Total Tests		1						
	Total Subject Tests	Use	r Abort	Detector	r Overflow		eter Error		neel Error	Suck E	ack Error	Undefin	Messages ed Error	Filter 1 Won't Zero		namb Low	Breath Tu		Static Analys		
100255 100342	0 4	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
100343 100344	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
100345 100346	0 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%	0
100347 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% 0%	0	0%	0
100349	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 17	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
100352 100353	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
100354 100355	140 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% 0%	0
100356	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0% 0%	0	0%	0	0%	0
100357 100358	0 34	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
100359 100360	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
100361 100362	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
100363 100364	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%	0
100365	7	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0	0%	0	0%	0
100366 100367	21 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%	0
100368 100369	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
100370 100371	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
100372	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0	0%	0	0%	0
100373 100374	0 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%	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% 0%	0	0%	0
100377 100378	1 4	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
100379	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0	0%	0	0%	0
100380 100381	11 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
100382 100384	0 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
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	0% 0%	0	0% 0%	0	0% 0%	0
100387 100388	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
100389	41	0	0%	0	0%	0	0% 0%	0	0%	0	0%	0	0%	0 0%	0	0%	0	0%	0	0%	0
100390 100391	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	0%	0
100392 100395	12 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
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	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%	0
100399 100400	24	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
100402 100403	5 20	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
100404 100405	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
100406 100410	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
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 26	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
100414 100415	0 4	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
100416 100417	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
100418	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0	0%	0	0%	0
100420 100421	6	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
100422 100423	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
100424 100665	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%	0
100666 100667	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
100668 100669	4 44	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
100670	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0	0%	0	0%	0
100671 100672	0 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
100673 100674	15 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% 0%	0
100675 100676	0	0	0% 0%	0	0%	0	0%	0	0% 0%	0	0%	0	0%	0 0%	0	0%	0	0%	0	0%	0
100677	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0	0%	0	0%	0
100678 100679	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
100680 100681	0 14	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
100682 100683	5 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%	0
100684	4	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0	0%	0	0%	0
100685 100686	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
100687 100688	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
100689 100690	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%	0
100690 100691 100692	3 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
100693	0	0	0%	0	0%	0	0% 0%	0	0%	0	0% 0%	0	0%	0 0%	0	0%	0	0%	0	0%	0
100694 100695	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	0% 0%	0
100696 100697	0 98	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
100698 100699	1 14	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
100700	3	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0	0%	0	0%	0
Total	665	0	0%	U	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0	0%	0	0%	0

		Date 9/6/2024	Range 10/24/2024	Tot	Total Tests al Messages	95 8	8.4%															
Serial Number	Total VOC Tests	RFI		RFI Pump Error		Interference		Tank Interference		Blank Error		Standard Out of Range		Gas FI	ow Error	Ambient Fail		Internal Standard Error		Diagnostic Failed		Total Codes
100348	3	0	0%	0	0%	0	0%	1	33%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1
100351	1	1	100%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1
100365	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	100%	0	0%	1
100398	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	100%	0	0%	1
100400	3	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	33%	1
100414	6	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	17%	1
100684	2	0	0%	0	0%	0	0%	1	50%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1
100687	2	0	0%	0	0%	0	0%	0	0%	1	50%	0	0%	0	0%	0	0%	0	0%	0	0%	1
Total	95	1	1%	0	0%	0	0%	2	2%	1	1%	0	0%	0	0%	0	0%	2	2%	2	2%	8
	·	**Th	e date ra	inge lis	ted abov	e represe	nts the fi	rst and last	dates of	data genera	ted from the	DMHost re	port. The sea	arch rang	ge could be	e larger ti	han the o	date range	listed.**			

2024.09.06-2024.10.24

	Date	Range		rotai rests	95																	
		9/6/2024	10/24/2024	Tota	l Messages	2	2.1%															
Serial Number	Total VOC Tests	User Al	User Abort Detector C		Detector Overflow Ba		Barometer Error Filter Wheel Error		Suck Back Error		Undefir	Undefined Error		Filter 1 Won't Zero		hamb Low	Breath 7	Γube High	gh Static Analysis Err		Total Codes	
100414	6	2	33%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	2
Total	95	2	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	2
-		**TI	he date ra	ange listed	above rep	resents the	first and	ast dates o	f data gen	erated from	the DMHost	report. Th	e search ra	ange could	l be larger t	than the d	ate range lis	sted.**				

2024.09.06-2024.10.24