SP Version: 1.0

In Field Instrument Review Date Range: 2023.05.31 – 2023.07.18 Review Completed on 2023.08.02 by Carlie Glaister

Status Messages and Action Taken

100344 (Juneau Pd): 1/22 RFI on Subject Tests – No action taken.

100351 (AST/Soldotna): 3/46 RFI on Subject Tests, 1/46 Subject Interference on Subject Tests followed by a completed test, 1/46 Ambient Fail on Subject Tests followed by a completed test, 1/46 Static Analysis Error on Subject Tests later followed by a completed tests labeled "TEST" – Recommend monitoring for Static Analysis Error.

100355 (Homer PD): 2/24 RFI on Subject Tests, 1/24 Subject Interference on Subject Tests followed by a completed test – No action taken.

100358 (AST/Mat-Su West): 3/29 RFI on Subject Tests – No action taken.

100360 (Ft. Wainwright MP): 1/7 Blank Error on Subject Tests, 2/7 Ambient Fail on Subject Tests. Additionally, DMHost shows a Filter 3 Won't Zero and a Filter 2 Won't Zero during Subject Tests. All 5 status messages occurred consecutively on 06/04/2023. There are completed tests that occurred on 06/12/2023 – Instrument removed from service on 07/11/2023 due to multiple different status messages (100360 2023.07.11 Change In Status).

100362 (AST/Kodiak): 1/2 RFI on Subject Tests – No action taken.

100367 (Seward PD): 1/33 RFI on Subject Tests, 2/33 Subject Interference on Subject Tests (both occurred on same individual), 1/33 Blank Error on Subject Tests followed by a completed test. Filter 2 Won't Zero Error on 06/27/2023, followed by a completed test – No action taken.

100370 (UAF PD): 4/14 RFI on Subject Tests, 3/14 Blank Error on Subject Tests all followed by completed tests – The Breath Test Supervisor was notified of repeated tests and RFI status messages (100370 2023.08.02 Change In Status).

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

100380 (Ketchikan PD): 1/12 Pump Error on Subject Tests – No action taken.

100382 (Petersburg PD): 1/8 Blank Error on Subject Tests followed by a completed test – No action taken.

100400 (Craig PD): 1/5 Tank Interference on Subject Tests, 1/1 Tank Interference on VOC Tests. On 07/20/2023 a VOC Test had another Tank Interference, followed by a completed VOC – Recommend monitoring for Tank Interference.

100403 (Wasilla PD): 4/45 Subject Interference on Subject Tests (all occurred on the same individual) – No actions taken.

100413 (Fairbanks PD): 4/27 RFI on Subject Tests – No action taken.

Effective: 1/3/2022

100421 (JBER): 6/39 RFI on Subject Tests, 2/39 Pump Error on Subject Tests, 3/39 Subject Interference on Subject Tests (all occurred on the same individual), 2/39 Blank Error on Subject Tests, 1/39 Standard Out of Range on Subject Tests, 6/39 Ambient Fail on Subject Tests.

On 07/10/2023, 7 status messages occurred on the same individual, followed by a completed test (2 Pump Error, 4 Ambient Fail, and 1 Standard Out of Range). On the same day, shortly after 3 status messages occurred on the same individual, followed by a completed test (2 Ambient Fail, 1 Blank Error). The Breath Test Supervisor was contacted regarding repeated testing and notified that this instrument will be removed from service due to Standard Out of Range status messages (100421 2023.08.02 Change In Status) – Remove instrument from service.

100667 (Anchorage PD): 3/136 RFI on Subject Tests, 1/136 Blank Error on Subject Tests followed by a completed test. It was noted that 2 VOCs (06/11/2023 and 07/18/2023) had the incorrect lot number on the external standard (100667 2023.07.22 Change In Status)— No action taken.

100669 (Palmer PD): 5/33 RFI on Subject Tests, 1/33 Subject Interference on Subject Tests, 1/3 Blank Error on VOC Tests, followed by a completed test – No action taken.

100670 (Unalaska PD): 1/7 Pump Error on Subject Tests followed by a completed test – No action taken.

100681 (Soldotna PD): 1/5 RFI on Subject Tests – No action taken.

100687 (Anchorage PD): 1/4 Standard Out of Range on Subject Tests – No action taken.

100695 (Whittier PD): 2/2 Diagnostic Failed due to Internal Standard Error on VOC Tests – <u>Instrument removed from service on 06/29/2023 due to multiple different status messages (100695 2023.06.29 Change In Status).</u>

100697 (Anchorage PD): 3/100 RFI on Subject Tests, 1/100 Pump Error on Subject Tests followed by a completed test, 3/100 Blank Error on Subject Tests, 1/100 Ambient Fail on Subject Tests – No action taken.

100698 (AST/Glennallen): 1/18 RFI on Subject Tests, 4/18 Ambient Fail on Subject Tests (all 4 occurred on TEST subject) – No action taken.

100699 (Valdez PD): 1/10 RFI on Subject Tests, 1/10 Subject Interference on Subject Tests, 2/10 Blank Error on Subject Tests follows by completed tests – No action taken.

100700 (Palmer PD): 2/27 RFI on Subject Tests – <u>Instrument removed from service on 06/19/2023 due</u> to screen issues (100700 2023.06.19 Change In Status).

Follow Up from Previous In Field Instrument Review

100351 (AST/Soldotna): Instrument is being monitored for tank interference. No tank interference occurred during this cycle – <u>Discontinue monitoring.</u>

100360 (Ft. Wainwright MP): This instrument was removed from service on 07/11/2023 due to multiple different status messages (100360 2023.07.11 Change In Status).

100367 (Seward PD): Instrument is being monitored for Internal Standard Error. This status message did not occur during this cycle – <u>Discontinue monitoring.</u>

Effective: 1/3/2022

100398 (AST/Ketchikan): This instrument was removed from service on 07/13/2023 due to Filter Wheel Error (100398 2023.07.13 Change In Status).

100406 (Denali NP): Instrument is being monitored due to the breath tube temperature being too low (Diagnostic Failed). No breath tests occurred during this cycle – Continue monitoring.

100421 (JBER): This instrument will be removed from service due to Standard Out of Range status messages (100421 2023.08.02 Change In Status).

100695 (Whittier PD): Instrument removed from service on 06/29/2023 due to multiple different status messages (100695 2023.06.29 Change In Status).

100699 (Valdez PD): Instrument being monitored for Standard Out of Range. This status message did not occur during this cycle – <u>Discontinue monitoring.</u>

Agencies not included in this summary:

100420 (Ft. Greely MP): Instrument doesn't upload, files needed from this cycle and the last 2 cycles.

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

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

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

Effective: 1/3/2022

		t Dat	а				Date 5/31/2023	Range 7/18/2023	Tot	Total Tests al Messages	786 91	11.6%										
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		Diagno	stic Failed	Total Codes	
100344	22	1	5%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1
100351	46	3	7%	0	0%	1	2%	0	0%	0	0%	0	0%	0	0%	1	2%	0	0%	0	0%	5
100355	24	2	8%	0	0%	1	4%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	3
100358	29	3	10%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	3
100360	7	0	0%	0	0%	0	0%	0	0%	1	14%	0	0%	0	0%	2	29%	0	0%	0	0%	3
100362	2	1	50%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1
100367	33	1	3%	0	0%	2	6%	0	0%	1	3%	0	0%	0	0%	0	0%	0	0%	0	0%	4
100370	14	4	29%	0	0%	0	0%	0	0%	3	21%	0	0%	0	0%	0	0%	0	0%	0	0%	7
100374	2	1	50%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1
100380	12	0	0%	1	8%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1
100382	8	0	0%	0	0%	0	0%	0	0%	1	13%	0	0%	0	0%	0	0%	0	0%	0	0%	1
100400	5	0	0%	0	0%	0	0%	1	20%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1
100403	45	0	0%	0	0%	4	9%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	4
100413	27	4	15%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	4
100421	39	6	15%	2	5%	3	8%	0	0%	2	5%	1	3%	0	0%	6	15%	0	0%	0	0%	20
100667	136	3	2%	0	0%	0	0%	0	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	4
100669	33	5	15%	0	0%	1	3%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	6
100670	7	0	0%	1	14%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1
100681	5	1	20%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1
100687	4	0	0%	0	0%	0	0%	0	0%	0	0%	1	25%	0	0%	0	0%	0	0%	0	0%	1
100697	100	3	3%	1	1%	0	0%	0	0%	3	3%	0	0%	0	0%	1	1%	0	0%	0	0%	8
100698	18	1	6%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	4	22%	0	0%	0	0%	5
100699	10	1	10%	0	0%	1	10%	0	0%	2	20%	0	0%	0	0%	0	0%	0	0%	0	0%	4
100700	27	2	7%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	2
Total	786	42	5%	5	1%	13	2%	1	0%	14	2%	2	0%	0	0%	14	2%	0	0%	0	0%	91

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											5/31/2023	7/18/2023	Tota	Total Tests Messages	786 1	0.1%							
	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 T	ube High	Static Analysis Erro		Total Codes
	100351	46	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	2%	1
	Total	786	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	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 Serial Number Total VOC Tests RFI Pump Error Interference Tank 100400 1 0 0% 0 0% 0 0% 1 100669 3 0 0% 0 0% 0 0% 0 100695 2 0 0% 0 0% 0 0% 0										Date 6/1/2023	Range 7/18/2023	Total Tests Total Messages		100 4	4.0%	Ī						
Serial Number	Total VOC Tests		RFI Pump		Pump Error		erence	Tank Interference		Blank Error		Standard C	Standard Out of Range		ow Error	Ambient Fail Inter		Internal S	tandard Error	 Diagnostic Failed 		Total Codes
100400	1	0	0%	0	0%	0	0%	1	100%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1
	3	0	0%	0	0%	0	0%	0	0%	1	33%	0	0%	0	0%	0	0%	0	0%	0	0%	1
100695	2	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	2	100%	2
Total	100	0	0%	0	0%	0	0%	1	1%	1	1%	0	0%	0	0%	0	0%	0	0%	2	2%	4

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.

				Data					Date R 6/1/2023	7/18/2023		Total Tests I Messages	0 0.0%							
Serial Number 100255	Total VOC Tests	Use 0	r Abort 0%	Detector Overflow 0 0%	Barom 0	eter Error 0%	Filter Wh	neel Error 0%	Suck Bad	ck Error 0%	Undefin	ed Error 0%	Filter 1 Won't Zer	Samp C	hamb Low 0%	Breath 7	Tube High 0%	Statio 0	c Analysis Error 0%	Total Codes 0
100342 100343	1	0	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%	Ö	0%	0	0%	0 0%	0	0%	0	0%	0	0%	0
100345 100346	0	0	0% 0%	0 0% 0 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
100349 100350	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
100351	1	Ö	0%	0 0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0	0%	0	0%	0
100352 100353	0	0	0% 0%	0 0% 0 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	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
100356 100357	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
100358	1	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
100361 100362	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
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
100365	0	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
100368 100369	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
100370	1 2	0	0%	0 0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0	0%	0	0%	0
100371 100372	0	0	0%	0 0%	0	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	0	0%	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 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
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 100381	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
100382 100384	1	0	0%	0 0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0	0%	0	0%	0
100385	1	Ö	0%	0 0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0	0%	0	0%	0
100386 100387	0	0	0%	0 0%	0	0% 0%	0	0% 0%	0	0% 0%	0	0% 0%	0 0%	0	0% 0%	0	0% 0%	0		0
100388 100389	1 2	0	0%	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%	0
100391 100392	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
100395 100396	0	0	0%	0 0%	0	0% 0%	0	0% 0%	0	0% 0%	0	0% 0%	0 0%	0	0%	0	0%	0		0
100397 100398	0	0	0%	0 0%	0	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%	0
100400 100402	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
100403 100404	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
100405 100406	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
100410	0	0	0%	0 0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0	0%	0	0%	0
100411 100412	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
100413 100414	1 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
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%	0		0
100417	3	0	0%	0 0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0	0%	0	0%	0
100418 100420	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
100421 100422	1 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 100424	0	0	0%	0 0%	0	0% 0%	0	0% 0%	0	0%	0	0%	0 0%	0	0%	0	0%	0	0%	0
100665	1	0	0%	0 0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0	0%	0	0%	0
100666 100667	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
100668 100669	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
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
100672	0	0	0%	0 0%	0	0%	Ō	0%	0	0%	0	0%	0 0%	0	0%	0	0%	0	0%	0
100673 100674	0	0	0% 0%	0 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 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
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
100678 100679	1	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	0	0% 0%	0 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	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
100684	1 0	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
100687 100688	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
100689 100690	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
100691	1	0	0%	0 0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0	0%	0	0%	0
100692 100693	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
100694 100695	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
100696	2	0	0%	0 0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0	0%	0	0%	0
100697 100698	2 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
100699 100700	1 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	0%	0
Total	100	0	0%	0 0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0	0%	0		0