

**In Field Instrument Review**  
**Date Range: 2022.02.22 – 2022.04.11**  
**Review Completed on 2022.05.06 by Carlie Glaister**

**Status Messages and Action Taken**

**100343 (Sitka PD):** 1/8 Blank Error on Subject Tests, followed by a completed test – No action taken.

**100344 (Juneau PD):** 1/25 Blank Error on Subject Tests, 1/25 Ambient Fail on Subject Tests, both on same individual followed by a completed test – No action taken.

**100345 (Valdez PD):** 3/8 Standard Out of Range on Subject Tests – Recommend replacement – replacement instrument sent on 05/06/2022

**100348 (North Pole PD):** 1/10 Blank Error on Subject Tests, followed by a completed test – No action taken.

**100351 (Fairbanks PD):** 2/43 RFI on Subject Tests – No action taken.

**100355 (Homer PD):** 2/31 RFI on Subject Tests, 4/31 Subject Interference on Subject Tests with all 4 occurring on the same individual with elevated filter 2 readings, 1/31 Blank Error on Subject Tests, completed tests occurred after status messages– No action taken

**100357 (Wrangell PD):** 1/5 Pump Error on Subject Tests, followed by a completed test – No action taken.

**100364 (Anchorage Airport PD):** 1/8 Ambient Fail on Subject Tests, followed by a completed test – No action taken.

**100373 (Anchorage Police Department):** 2/118 Pump Error on Subject Tests, 1/118 Blank Error on Subject Tests, followed by completed tests – No action taken.

**100374 (AST/Delta):** 1/1 RFI on VOC Test, followed by a completed VOC – No action taken.

**100378 (Palmer Police Department):** 7/49 RFI on Subject Tests, 1/49 Pump Error on Subject Tests, followed by a completed test. An email was sent to the Breath Test Supervisor to remind Breath Test Operators and other officers not to key their radio in the vicinity of the DataMaster when in use (100378 2022.05.06 Change In Status) – No further action taken.

**100382 (Petersburg PD):** 1/4 Blank Error on Subject Tests, followed by a completed test – No action taken.

**100385 (AST/Fairbanks):** 1/31 Tank Interference on Subject Tests, followed by a completed test – No action taken.

**100395 (Fairbanks Airport PD):** 1/9 RFI on Subject Tests, 1/9 Tank Error on Subject Tests, followed by completed tests – No action taken.

**100403 (Wasilla PD):** 1/43 RFI on Subject Tests, 1/43 Pump Error on Subject Tests, followed by a completed test – No action taken.

**100410 (AST/Aniak):** 1/1 Diagnostic Failed on VOC due to RFI detected, followed by a completed VOC on 4/20/2022 – No action taken.

**100422 (JBER):** 2/27 RFI on Subject Tests, 1/27 Blank Error on Subject Tests, followed by a completed test – No action taken.

**100669 (AST/Soldotna):** 3/33 RFI on Subject Tests. An email was sent to the Breath Test Supervisor to remind Breath Test Operators and other officers not to key their radio in the vicinity of the DataMaster when in use (100669 2022.05.06 Change In Status) – No further action taken

**100670 (Unalaska PD):** 1/5 Blank Error on Subject Tests, followed by a completed test. These tests were labeled “TEST, TEST” – No action taken.

**100683 (AST/Glennallen):** 2/3 RFI on Subject Tests on the same individual, followed by a completed test – No action taken.

**100693 (Juneau PD):** 1/3 Blank Error on Subject Tests, completed test occurred after status message – No action taken.

**100697 (Anchorage Police Department):** 4/134 RFI on Subject Tests, 2/134 Blank Error on Subject Tests (followed by a completed test), 1/134 Standard Out of Range on Subject Tests (completed tests occurred after status message) – No action taken.

#### **Follow Up from Previous In Field Instrument Review**

**100345 (Valdez PD):** Instrument was being monitored due to a Standard Out of Range status message on VOC Tests. It was observed that the external standard was trending low on subject tests with a high-pressure tank. Standard Out of Range status messages continued, and it is recommended that the instrument be replaced. Replacement instrument sent on 05/06/2022

**100364 (Anchorage Airport PD):** Instrument was being monitored due to an Internal Standard Error, which had occurred in conjunction with a Tank Interference Error and Blank Error on the same individual. No Internal Standard Errors observed – Discontinue monitoring.

**100402 (AST/Tok):** Instrument was being monitored due to Standard Out of Range status messages. It was previously observed that the external standard was trending low on subject tests with a high-pressure tank. No Standard Out of Range Errors observed (note: few tests run). An email was sent to the Breath Test Supervisor requesting once weekly breath tests for the next month to gather more data (100402 2022.05.06 Change In Status) – Continue monitoring.

**100423 (Ft. Wainwright):** Instrument was being monitored due to an Internal Standard Error. No Internal Standard Errors observed – Discontinue monitoring.

#### **Agencies not included in this summary:**

**100384 (Sand Point PD):** A copy of the VOC was sent, no datafiles were received.

Subject Test Data

Serial Number	Total Subject Tests	RFI		Pump Error		Interference		Tank Interference		Date Range		Total Tests		Total Messages		Ambient Fail		Internal Standard Error		Diagnostic Failed							
										748		52		7.0%		Blank Error		Standard Out of Range		Gas Flow Error		Ambient Fail		Internal Standard Error		Diagnostic Failed	
										2/22/2022	4/11/2022																
100343	8	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%						
100344	25	0	0%	0	0%	0	0%	0	0%	1	4%	0	0%	0	0%	1	4%	0	0%	0	0%						
100345	8	0	0%	0	0%	0	0%	0	0%	0	0%	3	38%	0	0%	0	0%	0	0%	0	0%						
100348	10	0	0%	0	0%	0	0%	0	0%	1	10%	0	0%	0	0%	0	0%	0	0%	0	0%						
100351	43	2	5%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%						
100355	31	2	6%	0	0%	4	13%	0	0%	1	3%	0	0%	0	0%	0	0%	0	0%	0	0%						
100357	5	0	0%	1	20%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%						
100364	8	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	13%	0	0%	0	0%						
100373	118	0	0%	2	2%	0	0%	0	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%						
100378	49	7	14%	1	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%						
100382	4	0	0%	0	0%	0	0%	0	0%	1	25%	0	0%	0	0%	0	0%	0	0%	0	0%						
100385	31	0	0%	0	0%	0	0%	1	3%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%						
100395	9	1	11%	0	0%	0	0%	1	11%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%						
100403	43	1	2%	1	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%						
100422	27	2	7%	0	0%	0	0%	0	0%	1	4%	0	0%	0	0%	0	0%	0	0%	0	0%						
100669	33	3	9%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%						
100670	5	0	0%	0	0%	0	0%	0	0%	1	20%	0	0%	0	0%	0	0%	0	0%	0	0%						
100683	3	2	67%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%						
100693	3	0	0%	0	0%	0	0%	0	0%	1	33%	0	0%	0	0%	0	0%	0	0%	0	0%						
100697	134	4	3%	0	0%	0	0%	0	0%	2	1%	1	1%	0	0%	0	0%	0	0%	0	0%						
Total	748	24	3%	5	1%	4	1%	2	0%	11	1%	4	1%	0	0%	2	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.\*\*



VOC Data

Serial Number	Total VOC Tests	RFI		Pump Error		Interference		Tank Interference		Date Range		Total Tests		Total Messages		Ambient Fail		Internal Standard Error		Diagnostic Failed			
										2/23/2022 - 4/11/2022		02		2								2.2%	
										Blank Error	Standard Out of Range	Gas Flow Error											
100374	1	1	100%	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%	1	100%		
<b>Total</b>	<b>92</b>	<b>1</b>	<b>1%</b>	<b>0</b>	<b>0%</b>	<b>0</b>	<b>0%</b>	<b>0</b>	<b>0%</b>	<b>0</b>	<b>0%</b>	<b>0</b>	<b>0%</b>	<b>0</b>	<b>0%</b>	<b>0</b>	<b>0%</b>	<b>0</b>	<b>0%</b>	<b>1</b>	<b>1%</b>		

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