

**In Field Instrument Review**  
**Date Range: 2023.12.13 – 2024.01.03**  
**Review Completed on 2024.01.25 by Carlie Glaister**

**Status Messages and Action Taken**

**100342 (Bethel PD):** 1/4 Pump Error on VOC Tests, 1/4 Diagnostic Failed on VOC Tests due to Internal Standard followed by a completed VOC – Recommend monitoring.

**100351 (AST/Soldotna):** 1/8 RFI on Subject Tests – No action taken.

**100356 (Whittier PD – Girdwood):** 1/3 Diagnostic Failed on VOC Tests due to Internal Standard followed by a completed VOC – Continue monitoring.

**100358 (AST/Mat-Su West):** 2/15 RFI on Subject Tests – Discontinue monitoring.

**100361 (Anchorage PD):** 1/57 Tank Interference on Subject Tests (numerous tests were later completed and this status message did not recur), 1/57 Blank Error on Subject Tests – No action taken.

**100366 (Kodiak PD):** 1/5 Subject Interference on Subject Tests followed by a completed test – No action taken.

**100378 (AST/Galena):** - 1/3 Diagnostic Failed on VOC Tests due to Internal Standard. Instrument removed from service on 1/9/2024 due to Screen Freezing (100378 2024.01.09 Change In Status).

**100404 (Kotzebue PD):** 1/2 Tank Interference on VOC Tests. Tank Interference occurred 3 more times on 1/5/2024 followed by a passing VOC on 1/8/2024. Agency reached out for troubleshooting (100404 2024.01.24 Change In Status) – Recommend monitoring.

**100413 (Fairbanks PD):** 1/13 RFI on Subject Tests, 1/13 Tank Interference on Subject Tests (numerous tests were later completed and this status message did not recur) – No action taken.

**100415 (Anchorage PD):** 2/7 RFI on Subject Tests, 1/7 Blank Error on Subject Tests – No action taken.

**100421 (JBER):** 1/9 Pump Error on Subject Tests, 1/9 Tank Interference on Subject Tests, 1/9 Internal Standard Error on Subject Tests – All tests occurred on TEST, TEST – No action taken.

**100422 (JBER):** 1/5 Subject Interference on Subject Tests followed by a completed test – No action taken.

**100669 (Palmer PD):** 5/26 RFI on Subject Tests, 1/26 Pump Error on Subject Tests followed by a completed test – Discontinue monitoring.

**100682 (King Cove PD):** 1/2 Diagnostic Failed on VOC Tests due to Internal Standard followed by a completed VOC – Recommend monitoring.

**100697 (Anchorage PD):** 2/65 Pump Error on Subject Tests (both occurred on the same subject), 2/65 Subject Interference on Subject Tests (both occurred on the same subject) – No action taken.

**100699 (Valdez PD):** 1/1 Blank Error on Subject Test TEST, TEST – No action taken.

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

**100356 (Whittier PD-Girdwood):** Instrument was being monitored for RFI, Tank Interference, and Blank Error status messages. These status messages did not recur during this review. However, an Internal Standard Error did occur on a VOC – Continue monitoring.

**100358 (AST/Mat-Su West):** Instrument was being monitored for a higher-than-average prevalence of RFI status messages. There were less RFI status messages during this review – Discontinue monitoring.

**100669 (Palmer PD):** Instrument was being monitored for a higher-than-average prevalence of Pump Errors. One Pump Error status message occurred this cycle, which is a typical frequency – Discontinue monitoring.

**100680 (AST/Willow):** Instrument was being monitored for a Diagnostic Failure due to the pump. This status message did not recur, however there is a low number of tests – Continue monitoring.

**Agencies not included in this summary:**

**100352 (North Slope Borough PD):** Agency has expired external dry has standard that has not been replaced at this time.

**100376 (AST/St. Mary's):** Doesn't upload, no response on request for files.

**100378 (AST/Galena) –** Instrument removed from service on 1/9/2024, last uploaded 1/1/2024. Will upload data for 1/3/2024 VOC upon arrival at crime lab.

**100417 (Bristol Bay Borough PD):** Agency has expired external dry has standard that has not been replaced at this time.

**100420 (Ft. Greely):** Doesn't upload, no response on request for files. 10/24/2023, 12/12/2023, and 1/3/2024 VOCs needed.

**100424 (Eielson MP):** Doesn't upload, USB drive enroute to Breath Test Supervisor. 10/24/2023, 12/12/2023, and 1/3/2024 VOCs needed.

**100675 (AST/Angoon):** Last upload 12/1/2023. No response on request for files. A new instrument was sent on 1/13/2024. 100675 will be removed from service for preventative maintenance. This is in transition at this time.

**100678 (Sand Point PD):** It was determined that there are missing datafiles for Sand Point PD. This instrument will be replaced and datafiles will be retrieve/audited upon arrival at the crime lab.

**100694 (Ft. Wainwright MP):** Doesn't upload. USB drive enroute to Breath Test Supervisor.

**100696 (Kake PD):** Last upload 1/3/2024 prior to VOC occurring, no response on request for files.

Subject Test Data

Serial Number	Total Subject Tests	Date Range								Total Tests		Total Messages		Total Codes								
		RFI		Pump Error		Interference		Tank Interference		Blank Error		Standard Out of Range		Gas Flow Error		Ambient Fail		Internal Standard Error		Diagnostic Failed		Total Codes
		12/13/2023	1/3/2024																			
100351	8	1	13%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1
100358	15	2	13%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	2
100361	57	0	0%	0	0%	0	0%	1	2%	1	2%	0	0%	0	0%	0	0%	0	0%	0	0%	2
100366	5	0	0%	0	0%	1	20%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1
100413	13	1	8%	0	0%	0	0%	1	8%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	2
100415	7	2	29%	0	0%	0	0%	0	0%	1	14%	0	0%	0	0%	0	0%	0	0%	0	0%	3
100421	9	0	0%	1	11%	0	0%	1	11%	0	0%	0	0%	0	0%	0	0%	1	11%	0	0%	3
100422	5	0	0%	0	0%	1	20%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1
100669	26	5	19%	1	4%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	6
100697	65	0	0%	2	3%	2	3%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	4
100699	1	0	0%	0	0%	0	0%	0	0%	1	100%	0	0%	0	0%	0	0%	0	0%	0	0%	1
Total	324	11	3%	4	1%	4	1%	3	1%	3	1%	0	0%	0	0%	0	0%	1	0%	0	0%	26

\*\*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	RHI	Pump Error		Interference		Tank Interference		Date Range		Total Tests		Total Messages		Ambient Fail		Internal Standard Error		Diagnostic Failed	Total Codes		
			12/13/2023	1/3/2024	Blank Error	Standard Out of Range	Gas Flow Error	100	6	6.0%	0	0%	0	0%	0	0%	0	0%				
100342	4	0	0%	1	25%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	25%	2
100356	3	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	33%	1
100378	3	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	33%	1
100404	2	0	0%	0	0%	0	0%	1	50%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1
100682	2	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	50%	1
Total	100	0	0%	1	1%	0	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	4	4%	6

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