

In Field Instrument Review
09/05/2019 – 10/24/2019
Prepared by Colleen O'Bryant

- 100255 (Clear AFB)** – 1/3 RFI – No action taken
- 100344 (King Cove PD)** – 1/3 Blank Error on VOC – followed shortly by a completed VOC – No action taken
- 100346 (Anchorage PD)** – 1/19 Pump Error, 1/19 Interference, 2/19 Blank Error – No action taken
- 100348 (North Pole PD)** – 1/6 RFI – No action taken
- 100356 (Skagway PD)** – 1/8 Tank Interference, 1/8 Blank Error – both occurred on the same subject followed by a successful test. – No action taken. 1/2 Blank Error on VOC - followed shortly by a completed VOC – No action taken
- 100360 (Sand Point PD)** – 1/3 Gas Flow Error on VOC - followed shortly by a completed VOC – No action taken
- 100361 (Bethel PD)** – 1/12 RFI – No action taken. 1/3 Internal Standard Failure on VOC – Replaced 12/16/2019.
- 100368 (Anchorage PD)** - 5/39 – Interference – 1/3 Tank Interference on VOC - instrument removed from service on 10/24/2019
- 100374 (Anchorage PD)** – 3/104 Pump Error, 2/104 Interference, 1/104 Blank Error, 1/104 Internal Standard Error, 2/6 Tank Interference on VOC - instrument removed from service on 10/10/2019
- 100378 (AST/Fairbanks)** – 1/38 RFI, 3/38 Gas Flow Error – Officer contacted regarding gas flow errors, tank replaced and double check valve positioned. Monitor Instrument
- 100379 (Wasilla PD)** – 2/11 RFI, 2/18 Interference – both interference occurred on the same subject followed by other successful subject tests. No action taken
- 100391 (AST/Soldotna)** – 1/19 RFI, 1/19 Interference – Instrument removed from service on 10/15/2019.
- 100403 (Metlakatla PD)** – 2/10 Gas Flow Errors, 1/4 Gas Flow Errors on VOC – current external standard tank expires 12/16/2019, will monitor with new tank.
- 100406 (Juneau PD)** – 1/22 RFI, 1/22 Pump Error – No action taken
- 100413 (Homer PD)** – 1/16 RFI, 2/16 Pump Error – No action taken
- 100414 (AST/Delta)** – 2/3 Gas Flow Errors on VOC - followed shortly by a completed VOC – Will monitor with new tank installed 12/02/2019.
- 100416 (Fairbanks PD)** – 6/39 RFI – Sporadic, not systemic - No action taken
- 100418 (Kenai PD)** – 1/14 Pump Error – No action taken
- 100421 (JBER)** – 1/4 RFI – No action taken
- 100668 (Palmer PD)** – 1/23 RFI – No action taken
- 100670 (AST/Bethel)** – 1/2 Standard out of Range on VOC – followed by two successful VOCs, tank replacement required 12/16/2019, will monitor following tank replacement.
- 100678 (AST/Mat-Su West)** – 4/17 RFI, 1/17 Pump Error – No action taken
- 100681 (Whittier PD)** – 1/3 RFI – No action taken
- 100689 (AST/Willow)** – 1/2 Tank Interference on VOC – Instrument replaced on 12/12/2019.
- 100690 (Unalaska PD)** – 1/6 Standard out of range, 1/6 internal standard error - removed from service on 09/17/2019
- 100691 (Valdez PD)** – 1/3 Internal standard error – removed from service on 10/28/2019

100693 (Seward PD) – 2/16 RFI, 1/16 Detector Overflow – Detector overflow occurred during “testing”. No action taken

100694 (Anchorage PD) – 1/132 RFI, 2/132 Pump Error, 2/132 Interference, 3/132 Blank Error, 1/132 Ambient Fail – No action taken

100695 (JBER Loaner) – 4/18 RFI – Removed from service on 11/04/2019

100698 (Nome PD) – 1/7 Pump Error, 1/7 Ambient Fail – No action taken

Follow up from 09/05/2019 In Field Instrument Review

100360 (Sand Point PD) – standard out of range on previous review, officer requested to complete multiple breath tests to monitor the instrument. 4 tests completed without issue.

100400 (Seldovia PD) – Replacement recommended on 09/05/2019

100414 (AST/Delta) – continuing to experience gas flow errors, tank change required 12/16/2019 – will monitor post tank change.

Subject Tests

Serial Number	Total Subject Tests	RFI		Pump Error		Interference		Tank Interference		Date Range		Total Tests		Total Messages		Ambient Fail		Internal Standard Error		Diagnostic Failed		Total Codes		
										9/5/2019	10/24/2019	723	10.1%	73		73		10.1%						
										Blank Error		Standard Out of Range		Gas Flow Error		Ambient Fail		Internal Standard Error		Diagnostic Failed				
100255	3	1	33%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1		
100346	19	0	0%	1	5%	1	5%	0	0%	2	11%	0	0%	0	0%	0	0%	0	0%	0	0%	4		
100348	6	1	17%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1		
100356	8	0	0%	0	0%	0	0%	1	13%	1	13%	0	0%	0	0%	0	0%	0	0%	0	0%	2		
100361	12	1	8%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1		
100368	39	0	0%	0	0%	5	13%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	5		
100374	104	0	0%	3	3%	0	0%	2	2%	1	1%	0	0%	0	0%	1	1%	0	0%	0	0%	7		
100378	38	1	3%	0	0%	0	0%	0	0%	0	0%	0	0%	3	8%	0	0%	0	0%	0	0%	4		
100379	11	2	18%	0	0%	2	18%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	4		
100391	19	1	5%	0	0%	1	5%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	2		
100403	10	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	2	20%	0	0%	0	0%	0	0%	2		
100406	22	1	5%	1	5%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	2		
100413	16	1	6%	2	13%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	3		
100416	39	6	15%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	6		
100418	14	0	0%	1	7%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1		
100421	4	1	25%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1		
100668	23	1	4%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1		
100678	17	4	24%	1	6%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	5		
100681	3	1	33%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1		
100690	6	0	0%	0	0%	0	0%	0	0%	0	0%	1	17%	0	0%	0	0%	1	17%	0	0%	2		
100691	3	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	33%	0	0%	1		
100693	16	2	13%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	2		
100694	132	1	1%	2	2%	2	2%	0	0%	3	2%	0	0%	1	1%	0	0%	0	0%	0	0%	9		
100695	18	4	22%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	4		
100698	7	0	0%	1	14%	0	0%	0	0%	0	0%	0	0%	1	14%	0	0%	0	0%	0	0%	2		
Total	723	29	4%	12	2%	11	2%	3	0%	7	1%	1	0%	5	1%	2	0%	3	0%	0	0%	73		

VOCS

Serial Number	Total VOCs	RFI		Pump Error		Interference		Tank Interference		Date Range		Total Tests		Total Messages		Ambient Fail		Internal Standard Error		Diagnostic Failed		Total Codes				
										9/5/2019		10/24/2019		182									13		7.1%	
										Blank Error	Standard Out of Range	Gas Flow Error														
100344	3	0	0%	0	0%	0	0%	0	0%	1	33%	0	0%	0	0%	0	0%	0	0%	0	0%	1				
100356	2	0	0%	0	0%	0	0%	0	0%	1	50%	0	0%	0	0%	0	0%	0	0%	0	0%	1				
100360	3	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	33%	0	0%	0	0%	0	0%	1				
100361	3	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	33%	1				
100368	3	0	0%	0	0%	0	0%	1	33%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1				
100374	6	0	0%	0	0%	0	0%	2	33%	0	0%	0	0%	0	0%	0	0%	0	0%	1	17%	3				
100403	4	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	25%	0	0%	0	0%	0	0%	1				
100414	3	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	2	67%	0	0%	0	0%	0	0%	2				
100670	2	0	0%	0	0%	0	0%	0	0%	1	50%	0	0%	0	0%	0	0%	0	0%	0	0%	1				
100689	2	0	0%	0	0%	0	0%	1	50%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1				
Total	182	0	0%	0	0%	0	0%	4	2%	2	1%	1	1%	4	2%	0	0%	0	0%	2	1%	13				

