



DEPARTMENT OF THE AIR FORCE
86TH AIRLIFT WING (USAF)

18 September 2019

MEMORANDUM FOR 65 ABG/CC

FROM: 86 AMDS/SGPB

SUBJECT: Lajes Field Follow-Up Water Sampling Results

- BACKGROUND:** On 20 August 2019, SSgt Michelle Smith from the 86th Aerospace Medicine Squadron Bioenvironmental Engineering (BE) Flight, Ramstein AB, Germany, performed follow-up water sampling in response to annual water samples collected in June 2019 exceeding the regulatory Maximum Contamination Limit (MCL) for Bromate. Water sampling results from Lajes Field are compared to the DoD Environmental Final Governing Standards for Portugal. For Bromate, the MCL is 0.01 mg/L. The June results for Bromate exceeded this value by four times the regulatory limit at 0.04 mg/L.
- FOLLOW-UP SAMPLING RESULTS:** Results illustrated in the attachment show that all August 2019 sample results collected from raw and treated points are well below the MCL of 0.01 mg/L. Drinking water is safe to consume and will not cause an adverse effect.
- BE FUTURE ACTIONS:** In an effort to provide statistical data and/or provide a data trend, the BE office will continue to sample for Bromate on a quarterly basis. This also serves as a precautionary measure to detect any changes in Bromate levels more expediently. This is not driven by regulatory requirement.
- If you have any questions on this report, please contact BE at DSN 479-2220 or by email at usaf.ramstein.86-mdg.mbx.amds-sgpb@mail.mil.

ANTHONY R. TY, Lt Col, USAF, BSC
Bioenvironmental Engineering Flight Commander

Attachment:
Lajes Field Water Sampling Results, 23 August 2019

cc:

65 ABG/CD: Lt. Col David Young
86 AMDS/CC: Lt. Col Tracy Bozung
65 CES/CC: Maj. Loren Jones-Harris
AFIMSC Det 4/CEI: Mr. Steven Vincent
65 CES/CEI: Sra. Sandrine O. Prazeres
65 ABG/MAS: TSgt Amber Shumacher



Public Health Command Europe
Department of Laboratory Sciences
CMR 402
APO AE 09180, DSN: 314-590-9710

- Report of Laboratory Analysis -

For: 86 AMDS/SGPB
Unit 3215
APO, AE 09094-5300

FINAL REPORT

Laboratory Report Number

E19-01247

Project Name: RAB-19-003

Date Received: 23-Aug-19

Project #: 19-0360

Date Reported: 10-Sep-19

Sample ID: LAJ-01

Installation: Lajes

Source: T-1306

Lab ID: E19-01247-001

Sample Type: Potable Water

Collected: 20-Aug-19

Collected By:

Method: Internal Method

Instrument/Technique: N/A

Analyte	Result	MCL	Date Prepped	Date Analyzed	Analyzed by	Approved by
Bromate	<0.0025 mg/L				Eurofins	

Sample ID: LAJ-02

Installation: Lajes

Source: T-1302

Lab ID: E19-01247-002

Sample Type: Potable Water

Collected: 20-Aug-19

Collected By:

Method: Internal Method

Instrument/Technique: N/A

Analyte	Result	MCL	Date Prepped	Date Analyzed	Analyzed by	Approved by
Bromate	<0.0025 mg/L				Eurofins	

Sample ID: LAJ-03

Installation: Lajes

Source: T-1305

Lab ID: E19-01247-003

Sample Type: Potable Water

Collected: 20-Aug-19

Collected By:

Method: Internal Method

Instrument/Technique: N/A

Analyte	Result	MCL	Date Prepped	Date Analyzed	Analyzed by	Approved by
Bromate	<0.0025 mg/L				Eurofins	

Sample ID: LAJ-04

Installation: Lajes

Source: T-928

Lab ID: E19-01247-004

Sample Type: Potable Water

Collected: 20-Aug-19

Collected By:

Method: Internal Method

Instrument/Technique: N/A

Analyte	Result	MCL	Date Prepped	Date Analyzed	Analyzed by	Approved by
Bromate	<0.0025 mg/L				Eurofins	

Sample ID: LAJ-05

Installation: Lajes

Source: T-925

Lab ID: E19-01247-005

Sample Type: Potable Water

Collected: 20-Aug-19

Collected By:

Method: Internal Method

Instrument/Technique: N/A

Analyte	Result	MCL	Date Prepped	Date Analyzed	Analyzed by	Approved by
Bromate	<0.0025 mg/L				Eurofins	

FINAL REPORT

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Date Received: 23-Aug-19

Project #: 19-0360

Date Reported: 10-Sep-19

Sample ID: LAJ-06

Sample Type: Potable Water

Installation: Lajes

Source: T-826

Collected: 20-Aug-19

Lab ID: E19-01247-006

Collected By:

Method: Internal Method

Instrument/Technique: N/A

Analyte	Result	MCL	Date Prepped	Date Analyzed	Analyzed by	Approved by
Bromate	<0.0025 mg/L				Eurofins	

Sample ID: LAJ-07

Sample Type: Potable Water

Installation: Lajes

Source: T-120

Collected: 20-Aug-19

Lab ID: E19-01247-007

Collected By:

Method: Internal Method

Instrument/Technique: N/A

Analyte	Result	MCL	Date Prepped	Date Analyzed	Analyzed by	Approved by
Bromate	<0.0025 mg/L				Eurofins	

Sample ID: LAJ-08

Sample Type: Potable Water

Installation: Lajes

Source: T-251

Collected: 20-Aug-19

Lab ID: E19-01247-008

Collected By:

Method: Internal Method

Instrument/Technique: N/A

Analyte	Result	MCL	Date Prepped	Date Analyzed	Analyzed by	Approved by
Bromate	<0.0025 mg/L				Eurofins	

Sample ID: LAJ-09

Sample Type: Potable Water

Installation: Lajes

Source: T-750

Collected: 20-Aug-19

Lab ID: E19-01247-009

Collected By:

Method: Internal Method

Instrument/Technique: N/A

Analyte	Result	MCL	Date Prepped	Date Analyzed	Analyzed by	Approved by
Bromate	<0.0025 mg/L				Eurofins	

Sample ID: LAJ-10

Sample Type: Potable Water

Installation: Lajes

Source: T-320

Collected: 20-Aug-19

Lab ID: E19-01247-010

Collected By:

Method: Internal Method

Instrument/Technique: N/A

Analyte	Result	MCL	Date Prepped	Date Analyzed	Analyzed by	Approved by
Bromate	<0.0025 mg/L				Eurofins	

Sample ID: LAJ-11

Sample Type: Potable Water

Installation: Lajes

Source: T-810

Collected: 20-Aug-19

Lab ID: E19-01247-011

Collected By:

Method: Internal Method

Instrument/Technique: N/A

Analyte	Result	MCL	Date Prepped	Date Analyzed	Analyzed by	Approved by
Bromate	<0.0025 mg/L				Eurofins	

The original contract laboratory report for the samples listed within this Certificate are available upon request of the project officer. Original contract laboratory reports shall be sent separately when requested.

Charles Roberts

Charles M Roberts

Chemistry Chief

FINAL REPORT

Laboratory Report Number

E19-01247

Project Name: RAB-19-003

Date Received: 23-Aug-19

Project #: 19-0360

Date Reported: 10-Sep-19

Laboratory Sciences Report Disclaimer

* Data reported between LOQ and MDL are estimates. Method specific uncertainty values are available for results within the working range of the analytical procedure and can be provided upon written request.

* Reported data are specific to the listed analytes of an identified sample. Laboratory Standard Operating Procedures are based on the specified reference methods. Analytical results are not corrected for blank sample data.

* Results that are bold are above the MCL/Action Limit

* "Analyzed Date" is the actual date of sample analysis unless stated otherwise in this report. Unless otherwise noted, Quality Control and procedure specific holding time requirements (e.g., extraction, digestion, etc.) were achieved and sample condition met procedural requirements upon receipt. LS assumes neither responsibility nor liability for the sampling protocols employed by the customer.

* Quality Control Data for in-house analyses can be found within the Customer Portal for the samples within this report.

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