

	Environmental Analysis Teaching and Research Laboratory	Date: 6/12/2017	Number: 65 v0.1
	Standard Operating Procedure	Title: XRF Guide	
	Approved By: TBD	Revision Date: June 15, 2017	

## 1. Scope and Application

1.1 The scope of this SOP is train researchers...

1.2 The applications of this SOP are for...

## 2. Summary of Method

2.1 This SOP does this...

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### **3. Acknowledgements**

### **4. Definitions**

4.1 Term1: is...

### **5. Biases and Interferences**

5.1 Biases and interferences can come from...

### **6. Health and Safety**

6.1 Describe the risk...

### **Safety and Personnel Protective Equipment**

### **7. Personnel & Training Responsibilities**

7.1 Researchers training is required before this the procedures in this method can be used...

7.2 Researchers using this SOP should be trained for the following SOPs:

- SOP01 Laboratory Safety
- SOP02 Field Safety

### **8. Required Materials and Apparati**

8.1 Item 1 w/catalog number!

8.2 Item 2

### **9. Reagents and Standards**

### **10. Estimated Time**

10.1 This procedure requires XX minutes...

## **11. Sample Collection, Preservation, and Storage**

## **12. Procedure**

### **12.1 Prepare ...**

### **12.2**

## **13. Data Analysis and Calculations**

## **14. QC/QA Criteria**

## **15. Trouble Shooting**

## **16. References**

- 16.1** APHA, AWWA, WEF. (2012) Standard Methods for examination of water and wastewater. 22nd American Public Health Association (Eds.). Washington. 1360 pp. (2014).