

	Environmental Analysis Teaching and Research Laboratory	Date: 05/22/2019	Number: 00
	Standard Operating Procedure	Title: EA Field & Lab Inventory	
	Approved By: Marc Los Huertos	Revision Date: May 7, 2021	

## 1. Scope and Application

1.1 This is an inventory of instruments and equipment in the EA Program

## 2. Summary of Method

2.1 This SOP does this...

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### 3. Acknowledgements

Student employees that will be helping... where all equipment needs to be given an ID# and inventoried – Summer of 2020.

### 4. Inventory

#### Field Equipment

Item	ID#	Quantity	Location
Ford Explorer #1		1	Garage EA Slot
Ford Explorer #2		1	Garage EA Slot
Survey Scope w/Tripod and Stadia		3	SGM 131
Meter Tape (10m)		2	SGM 131
Meter Tape (25m)		1	SGM 131
Meter Tape (100m)		1	SGM 131
Infiltratrometer		3	SGM 131
Walkie Talkies		3	SGM 131
Honda Field Generator		1	SGM 132
XXX(make?) Field Generator		1	SGM 132

#### Raspberry Pi & Accessories

Item	ID#	Quantity	Location
RPI Zero+		16	SGM XX
RPI 3+		2	SGM XX
RPI 4+		2	SGM XX
PMS5004 PM Sensor		16	SGM XX

#### Remote Sensing

Item	ID#	Quantity	Location
DJI Mavic 3 Pro		1	SGM XX
DJI Mavic Batteries		3	SGM XX
DJI Matrice 100		1	SGM XX
DJI Matrice 100 Batteries		6	SGM XX

## Laboratory Equipment

Item	ID#	Quantity	Location
XXX Water Purification System		1	SGM 134
Thermo Fisher Centrifuge		1	SGM 133
Thermo Fisher Centrifuge		1	SGM 133
Fisher Scientific Microcentrifuge		1	SGM 133
Thermo Fisher -80°F freezer		1	SGM 133
Thermo Fisher -30°F freezer		1	SGM 134
Thermo Fisher 20°C Double Wide Refrigerator		1	SGM 134
Dry "bath"		1	SGM 134
1L Soil Texture Cylinders		8	SGM 133
various cylinders		5	SGM 134
8 Mortars/Pestles		8	SGM 133
various beakers		(dozens of assorted sizes)	SGM 134
1000 $\mu$ L Pipetteman		1	SGM 133
250 $\mu$ L Pipetteman		1	SGM 133
100 $\mu$ L Pipetteman		1	SGM 133

## Digital Media Resources

Item	ID#	Quantity	Location
Cannon Camcorder w/Tripods		4	SGM 105
Stream Deck Mini		1	SGM 106
Blackmagic ATEM Mini Pro		1	SGM 106
Blackmagic HDR 12G Video		1	SGM 106

## Analytical Instruments

1. Turner Design Fluorometer
2. Digital Calipers (7x)
3. 7 Dissecting Scopes w/lights
4. 1 Dissecting Scope w/lights and Camera
5. Revolve Microscope
6. Fisher Scientific pH Meter
7. ICP-MS
8. IRGA -Isotope Ratio Gas Analyzer
9. Lab Computer #1
10. Lab Computer #2

11. GIS Lab 16 computers