

	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
Cooler #1		1	SGM 132
Cooler #2		1	SGM 132
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
Infiltrometer		3	SGM 131
VanDorn Bottle (Horizontal)		1	SGM 133
VanDorn Bottle (Vertical)		1	SGM 133
LiCor Underwater PAR Sensor		1	SGM 133
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+	NA	16	SGM
RPI 3+	NA	2	SGM XX
RPI 4+	NA	2	SGM XX
PMS5004 PM Sensor	NA	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
MilliQ Water Purification System		1	SGM 134
Drying Oven		1	SGM 134
Thermo Fisher Centrifuge		1	SGM 133
Thermo Fisher Centrifuge		1	SGM 133
Fisher Scientific Microcentrifuge		1	SGM 133
Thermo Fisher -80°C Freezer		1	SGM 133
Thermo Fisher -30° CFreezer		1	SGM 134
Thermo Fisher 20° C Double Wide Refridgerator		1	SGM 134
Dry “bath”		1	SGM 134
1L Soil Texture Cylinders		8	SGM 133
various cylinders		5	SGM 134
Mortars/Pestles		8	SGM 133
HACH Digital Reactor Block		1	SGM 133
Ehrlenmeyer Flasks (various)		40	SGM 134
Beakers (various)		30	SGM 134
Soil Tins		36	SGM 134
1000 μ L Pipettman		1	SGM 133
250 μ L Pipettman		1	SGM 133
100 μ L Pipettman		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 Flourometer
2. Satorius Microbalance
3. Balance (3x)
4. Digital Calipers (7x)
5. 7 Dissecting Scopes w/lights
6. 1 Desseciting Scope w/lights and Camera
7. Revolve Microscope
8. Fisher Scientific pH Meter

9. ICP-MS
10. IRGA -Isotope Ratio Gas Analyzer
11. Lab Computer #1
12. Lab Computer #2
13. Alkalinity Test Kit (3x)
14. GIS Lab 16 computers