

Soil and Water Lab Equipment Inventory

Name of equipment	Quantity	Cabinet / shelf number	Needs repair?	Last edit	Comments
Laser level	1	14/B			
Digital impulse cocenter	1	14/A			
Current meter	1	14/A			
Mechanical rain gauge	Multiple	14/A			
Soil temperature meter	2	14/C			
Acrylic columns	7	14/D			
Antique monitor	1	14/F			
Turbidmeter tube	5	14/G			
Agri drain	1	14/H			
Antique manual	3	14/H			
Antique monitor	1	14/I			
Antique monitor	3	14/J			
Antique monitor & computer					
Stevens	1	15/A			
Contact meter	1	15/A			
Sprinkler	1	15/A			
Columns	5	15/B			
Stop watch	3	15/C			
Measure	1	15/C			
Soil nitrate starter kit	2 boxes	15/D			
Rain gauge	3	15/D			

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Mortar and pestle	1	15/D			
Hand pump	1	15/E			
Battery pump	1	15/E			
Extension chord	5	15/F			
Rain boot	8	15/G			
Aluminum pans	8	15/G			
Rain boots	7	15/J			
Guzzler	2	15/J			
ISCO samplers	5	13/ABCEF ?			Misc. Parts for ISCO's are scattered throughout #13
Large shaker	1	13/F			Sample shaker
Air quality sampling equipment	Many	3	?		Modified desiccators, tubing, sample vials.
Air pumps	13+	3	?		Misc. aquarium air pump
Soil samples (Hanshaw Rd)	Many	3			SP asks: Why is this with "equipment"?
Soil column desiccators	Many	3			
Orbital shaker	1	Bench of B44	No		
Top loading balance	1	Bench of B44	No		Needs to be calibrated
Tensiometer	1	Bench of B44	No		
Spectrophotometer	1	Bench of B44	No		
Desiccator	1	B44 / A	No		
Colloid acrylic columns	Many	B44 / B	n/a		
	1	B44/ B	?		

Thermo Orion

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Syringe pumps (1-direction)	3	B44 / B	?		
Micro tubing	Many	B44 / 1	No		Used and new tubing
Pipette tips (blue and yellow)	Many	B44 / 3	No		Dust free for colloid project only
Rock tumbler	1	B44 / C	No		
Micro purge peristaltic pump	1	B44 / C	No		
Fiber optic illuminator	1	B44 / C	No		
Push-pull syringe pump	1	B44 / C	No		
Dyes and stains	Many	B44 / C	-		
Bright field microscope and accessories	1	B44 bench & B44 /5-9	No		
Sonicator bath	1	B44 near sink	No		
Micro Pipettors	3	B44 / G	No		For colloids only
Surveying equipment	8	12I	No		100-1000, 20-200, 2-20 uL
Measuring tape	7	12D	No		Optical transects, tripods, stadia rods
Suction lysimeter	30	12E	No		
Narrow tubing	13	12E	No		
Wallastonite	500mL	12C	No		
Shallow well pump	1	12I	No		
Small porous cup assemblies	1	12A	No		
Misc. Pump assemblies	1	12G	No		

Field dissolved oxygen, temp probe	1	Upstairs lab	No		Talk to Todd Anderson before initial use, sign out before e/ use
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Field pH probe	2	Upstairs lab	No		Talk to Todd Anderson before initial use, sign out before e/ use
P analyzer for inorganic P	1		No		For instruction, talk to Shree, W Jo, Becky, Alisa
Dissolved Carbon Analyzer	1		No		For instruction, talk to Shree, W Jo, Veronica, Luis
ICP for nutrient analysis	1		No		Contact Shree
qPCR thermocycler	1	Small lab	No		Contact Jo, Sara or Asha
UV viewing cabinet	1	Small lab	No		Contact Jo, Sara
Brother P-touch Extra labelmaker, with power supply	1	162 BKR desk	No	SP 20091026	Brian Richards
Fisher Finpipette 12-tip parallel pipettor, adjustable 20-300 uL per tip	1	B70 pesticide drawers	No	SP 20091026	
Eppendorf repeating pipettor	2	B70 pesticide drawers	No	SP 20091026	Also one 50 mL adapter (without adapter uses 5, 10, and 12.5 mL tips)
Eppendorf 1-200 uL pipettor	1	B70 pesticide drawers	No (calibrated summer 2009)	SP 20091026	
Ohmicron photometer for Strategic Diagnostics Inc ELISA analyses	1	B70 pesticide drawers	No (repaired spring 2009)	SP 20091026	For ELISA method consulting, s Pacenka.
HP OfficeJet Pro K550 network inkjet printer	1	B72 computer lab	No	SP 20091026	See Pacenka for supplies
HP Laserjet P2015 monochrome laser printer	1	B62	Dead, possibly forever.	SP 20100129	See Helen for supplies
HP Deskjet 1220C 13x19" inkjet printer	1	B62A	No	SP 20091026	See Pacenka for access and supplies.

HP Color Laserjet 3500 laser printer	1	B62A	No	SP 20100129	See Helen for supplies
Hanna pHep pH and temperature probe	1	B62A	No	SP 20091026	On loan from Pacenka.
Metro Data Vac (vacuum for static sensitive equipment)	1	B62A	No	SP10091026	
Dell Inspiron 8100 laptop without power supply	1	B62A	Unknown	SP 20091026	
Netgear FS108 8-port 10/100 ethernet switch	1	B62A, file cabinet	Appears dead.	SP 20100129	
Netgear FS116 16-port 10/100 ethernet switch	1	B62A, file cabinet	No	SP 20091026	
HP Laserjet 4100 laser printer	1	B72	No	SP 20100129	On loan from Pacenka. Will donate if we will use it. Otherwise will donate to charity.
HP DesignJet 500 24" roll paper inkjet printer	1	B72	No	SP 20100129	See Pacenka for supplies.

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Electrical wire	various sizes and lengths	4			
Copper tubing	various sizes and lengths	4			
Casters	12	4			
ISCO Sampler	1	4	unknown		
Pressure gages	various	4			
filters (FulFlo)	30	4			
Plastic tubing	various sizes and lengths	4			

soil sample tins	many	4
soil moisture blocks	3 boxes	4
cable	various sizes and lengths	4
vacuum pumps	many, various styles	4
Weighing lysimeters	3	44
Timers	many	4
Voltage converter	1	4
AC adapters	6, various	4
pipe flow meters	many	4

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