

Product	Quantity on hand
ANALYTICAL INSTRUMENTS AND EQUIPMENT	
Autoclave	
Autoclave, Benchtop, Market Forge SIM-E	1
Balance	
Balance, analytical, 200g x 0.01g, 10cm diameter pan, built-in calibration, Mettler AE-240S (for use in port unless otherwise requested)	1
Balance, Motion Compensated, POLS S-182, Accuracy \pm 0.1g up to 0.3kg; \pm 0.2g up to 0.6kg; \pm 0.5g up to 1.5kg	1
Balance, Pelouze 4040, 400lbs x .5lbs	2
Balance, topload, 2100g x 0.01g, Mettler Toledo PG2002-S	1
Centrifuges	
Eppendorf 5415C	
Centrifuge, micro, non-refrigerated, 14000 rpm max, Eppendorf 5415C	2
Rotor, fixed, 18-place, for 1.5-2ml microfuge tubes, 11mm bore, 14,000 rpm max / 16,000 x g, for Eppendorf 5415C	2
Eppendorf 5415D	
Centrifuge, micro, non-refrigerated, variable speed up to 13,200 rpm / 16,110 x g, Eppendorf 5415D	4
Rotor, fixed, 24-place, for 1.5-2ml microfuge tubes, 11mm bore, 13,200 rpm max / 16,110 x g, for Eppendorf 5415D	4
Beckman GS6/Allegra 6	
Centrifuge, non-refrigerated, 3800 rpm / 3200 g max, Beckman GS-6 / Allegra 6	2
Rotor, 4-place, bucket, for 1L 750ml bottles, Beckman P/N GH 3.8, 3,750 rpm max, 3,200g, for Beckman GS-6 / Allegra 6	1
Centrifuge Adapter, 4 place 50mm, BLUE for Beckman GS-6 / Allegra 6	1
Centrifuge Adapter, 500 ml bottle for Beckman GS-6 / Allegra 6	1
Centrifuge Adapter, 7 place, 29x120mm YELLOW for Beckman GS-6 / Allegra 6	1
Centrifuge Adapter, Deep Well Plate for Beckman GS-6 / Allegra 6	1
Centrifuge Adapter, for 250ml bottles for Beckman GS-6 / Allegra 6	1
Beckman Allegra 21/22R	
Centrifuge, refrigerated, -20° to 40°C, variable speed up to 15,300 rpm, Beckman Allegra 21/22R	4
Rotor, fixed, 36-place, for 1.5-2ml microfuge tubes, 19,280 RCF/g max, Beckman F3602, for Beckman Allegra 21/22R	1

Product	Quantity on hand
Rotor, horizontal, 4-place, 5450 RCF/g max, Beckman S4180, for Beckman Allegra 21/22R - Specify required inserts	2
Rotor, microplate/microtitor, 1,107 RCF/g max, Beckman S2096, for Beckman Allegra 21/22R	1
Rotor, 30°, fixed, 6 x 30ml, 20,450 RCF/g max, Beckman F0630, for Beckman Allegra 21/22R	4
Rotor, fixed angle 45 degree, 24x2.0ml, Beckman F2402H, 22,065 Max RCF, Allegra 21, 22	2
Rotor, fixed angle, 30x1.5ml, Beckman FX301.5, 22,065 Max RCF 21,952, Allegra 21, 22	2
Rotor, fixed angle, 6x 50mL, Beckman C0650, 9,299 Max RCF, Allegra 21, 22	1
Eppendorf 5417R	
Centrifuge, micro, refrigerated, -9° to 40°C, variable speed up to 16,400 rpm / 25,000 x g, Eppendorf 5417R	3
Rotor, fixed, 30-place, FA-45-30-11 for 1.5-2ml microfuge tubes, 11mm bore, 14,000 rpm max / 20,800 x g, for Eppendorf 5417R	7
Rotor, fixed, 30-place, for 1.5-2ml microfuge tubes, 11mm bore, 14,000 rpm max / 20,800 x g, for Eppendorf 5417C	2
Rotor, fixed, 24-place, FA-45-24-11 for 1.5-2ml microfuge tubes, 11mm bore, 14,000 rpm max / 20,800 x g, for Eppendorf 5417R	4
Clay Adams Dynac II	
Centrifuge, clinical, non-refrigerated, 3300 rpm max, 1580 xg max Clay Adams Dynac II	2
Rotor, horizontal, 4-place, for 50ml tubes, for Clay Adams Dynac II	2
Rotor, fixed, 24-place, for 15ml tubes, for Clay Adams Dynac II	1
Rotor, fixed, 4-place, for 50ml tubes, for Clay Adams Dynac II	1
Cryo Cooler	
Immersion cryo-cooler with 3/4" dia x 7" length probe, FTS systems, Flexicool FC100A10, 110V, -100°C	1
Immersion cryo-cooler with 9-1/4" x 3" OD probe, Cole Parmer EW-01283-61, 240V, -60°C to -20°C	1
Dispenser	
Dispenser, bottle top, 0.2-1.0ml	2
Dispenser, bottle top, 0.2-2.5ml	1
Dispenser, bottle top, 0.4-2ml	5
Dispenser, bottle top, 1-5ml	4
Dispenser, bottle top, 10-60ml	2
Dispenser, bottle top, 2-10ml	3
Dispenser, bottle top, 20-100ml	1

Product	Quantity on hand
Dispenser, bottle top, 5-25ml	3
Dispenser, bottle top, 5-30ml	2
FIRe Flurometer	
ALS Light Source	2
Flow through Cuvette	2
Satlantic FIRe Flurometer System	2
Fluorometer	
Fluorometer, benchtop, Turner TD700, rotating drum for multiple filter sets	1
Fluorometer, digital, Turner Designs model 10AU-005-CE	2
Attenuator plate, 1:5, round, Turner Designs 10-318R	1
Cuvette Holder, 13mm and 25mm, Turner Designs 10AU-030	1
Filter kit, Ammonium/CDOM filter set, Turner Designs 10-303	1
Filter kit, Chlorophyll-a in Vivo & extractive (Acidification), Turner Designs, 10-037R	1
Filter kit, Chlorophyll-a in Vivo & extractive (NON-Acidification), Turner Designs, 10-040R	1
Filter, >570nm, cs-16, em: chlorophyll, Turner Desings 10-053	1
Filter, >570nm, cs3-66, em:rhodamine, Turner Designs 10-052	1
Filter, >570nm, round SH, Part of Optical Kit-Rhodamine Lab, Turner Designs 10-041R	1
Filter, >610nm, cs 29, em:chlorophyll, Turner Designs 10-054	1
Filter, >665nm, cs2-64, em:chlorophyll, Turner Designs 10-051/10-051R	1
Filter, 1 N.D., square, Turner Designs 10-032	1
Filter, 2 N.D., square, Turner Designs 10-035	1
Filter, 300-400nm, bandpass 7-37, square, Turner Designs 10-069	1
Filter, 310-390nm, ex: DOM, round, Turner Designs 10-102	1
Filter, 325-700nm, round, Part of Optical Kit-Rhodamine Lab, Turner Designs 10-041R	1
Filter, 340-500nm, cs 5-60, ex: chlorophyll, round	1
Filter, 340-500nm, cs 5-60, ex: chlorophyll, square	1
Filter, 410-600nm, em: DOM, round, Turner Designs 10-110R-C	1
Filter, 550nm, Interfere, Part of Optical Kit-Rhodamine Lab, Turner Designs 10-041R	1
Filter, Optical 2, Part of Optical Kit-Chlorophyll Lab extractive Measurement, Turner Designs 10-040R	1
Filter, Optical, Part of Optical Kit-Chlorophyll Lab extractive Measurement, Turner Designs 10-040R	1

Product	Quantity on hand
Freezer/Refrigerator	
Freezer, compact upright, 5 cu ft, Kenmore, in hydro lab -20°C	1
Freezer, compact upright, Kenmore, 16.5 cu ft, -20°C	1
Freezer, Flammable storage, 20.6 cu ft, -20°C	1
Freezer, Heavy duty, 11.5 cu ft, Kenmore, -20°C	2
Freezer, ultralow II, -80°C, upright, Revco	2
Refrigerator, under the counter	1
Refrigerator, upright	2
Refrigerator/Freezer, standard upright, fridge on top	1
Furnace	
Muffle Furnace, Theromlyne 6000	2
Gas Chromatograph	
Agilent 6890N GC system, configured with Packed inlet with EPC septum purge, Capillary Split/Splitless inlet with EPC, Single Flame Photometric Detector (FPD), Micro Electron Capture Detector (ECD), Flame Ionization Detector (FID), and liquid nitrogen cryogenic cooling accessory; Chem Station software	1
Homogenizer	
Generator, Safety sealed chamber assembly, stainless steel, 70ml, 1" blade, treatable volume 10-65ml	1
Generator, saw, chamber size 7x150mm, stainless steel, treatable volume 0.1-10ml	1
Homogenizer, w/ stand, for sample vol. 0.03ml - 20L, 10,000 to 30,000 rpm, Pro Scientific, Pro 250	1
Hoods	
Filter unit, Enviroco Mac 10 HEPA, 2' x 4', 120V	2
Filters for use with Corrosives	1
Filters for use with Formaldehyde	1
Filters for use with Organics	1
Hood, absorber, portable, 31.5" x 25" working space, 87 cu ft/min, Captair Labx	5
Hood, fume, 25"D x 39"W working area, Labconco, installed in Hydro, Wet and Dry Lab	3
Hood, laminar flow, bench model, 31" x 23" x 22", Airclean 600 system, trace metal use,	5
Hood, laminar flow, Dimensions: Top section:L:22 x H:12 x W:13, Bottom Section:L:24 x H:24 x W:14, Enviroco Corp. model 813722	3
Hot Plate/Stirrer	
Hot plate, 12" x 12", Barnstead Thermolyne Cimarec3, no stir function	1

Product	Quantity on hand
Hot plate/Stirrer, 4" x 6", Ace Glass 502 P	1
Ice Maker	
Ice maker, up to 400 lbs. in 24 hrs, 80 lb. Storage, installed in Hydrolab	1
Incubator	
Incubator, Lighted, -2° to 44°C, programmable, Percival LT36VLC8	1
Irradiance Sensor	
Data Logger, Li-Cor LI-1000	1
Irradiance Sensor, handheld, immersible tip, BSI QSL-100	1
Irradiance Sensor, QSL2100, Biospherical Instr	2
Light Table	
Light Table, 16x20", Searight WTB 16/2, for viewing photographic slides	1
Liquid Scintillation Counter	
Liquid Scintillation Counter, Perkin Elmer Tri-carb 2900. If requested, you must also request a rad van under the Systems tab.	5
Quench Standards, 14-H	5
Quench Standards, 3-H	5
Racks for 20 ml scintillation vials	50
Racks for 7 ml scintillation vials	50
Unquenched Standards, blank, 3-H, 14-C	3
Microscope	
Leica/Wild M3C Stereo	
Microscope, Stereo, Leica/Wild M3C with standard base	2
Nikon SMZ 1500 Stereo / Epi	
Microscope, Stereo, Epi-Fluorescence, Nikon SMZ1500	1
Illuminator, Nikon NI-150	1
Nikon E800 Compound / Epi	
Microscope, Compound, Brightfield, DIC, Epi-Fluorescence, Phase Contrast (10X), Objectives (10X Ph1, 20X, 40X, 60X, 100X) Nikon E800	1
Epi-Fluorescent Filter, Nikon E800-BLUE (96165)	1
Epi-Fluorescent Filter, Nikon E800-BLUE LP (11001)	1
Epi-Fluorescent Filter, Nikon E800-DAPI (31000)	1
Epi-Fluorescent Filter, Nikon E800-FITC (31001)	1
Epi-Fluorescent Filter, Nikon E800-RHODAMINE/TRITC (31002)	1
Epi-Fluorescent Filter, Nikon E800-TEXAS RED (96109)	1

Product	Quantity on hand
Zeiss Standard 25 Compound / Epi	
Microscope, Compound, Brightfield, Epi-Fluorescence, Phase Contrast, Objectives (10X Ph1, 20X Ph1, 40X Ph2, 100X), Zeiss Standard 25	1
Epi-Fluorescent Filter, Zeiss Std 25 - FITC	1
Epi-Fluorescent Filter, Zeiss Std 25 - TRITC	1
Epi-Fluorescent Filter, Zeiss Std 25-Acridine Orange	1
Epi-Fluorescent Filter, Zeiss Std 25-DAPI	1
Cameras	
Microscope Imaging, Digital Camera, FireWire, Insight 2M Mosaic 11201 (fits E800, Axioskope 50, SMZ 1500, M3C)	1
Microscope Imaging, Camera, Digital, SPOT RT Slicer (fits E800, Axioskope 50, SMZ 1500, M3C)	1
Microscope Imaging, Camera, Video, CCD, Sony DXC-390 (Fits E800, SMZ 1500)	1
Illumination and Cold Stages	
Cold Stage, for Petri Dish, -1.8°C to ambient temperature, +/- 0.1°C	1
Cold Stage, for Slides, -1.8°C to ambient temperature, +/- 0.1°C, Instec STC 200 Only for use with 10x & 20x Extra long working distance objectives	1
Illuminator, fiber optic, two arm, Dolan-Jenner MI-150F	9
Vibration tables / slabs	
Vibration free slab, vibraplane, microscopy, max 275 lbs, 20" x 24" surface, Kinetic Sys Benchmate	5
Vibration-free table	1
Mixer	
Vortex mixer	2
Nutrient Analyzer	
Nutrient Analyzer, Lachat Quickchem 8000, 5-channel nitrate, nitrite, ammonia, phosphate, and silicate rapid flow analyzer with auto sampler. Please provide details in 'Nutrient analysis and oxygen titrations' section. See	2
Oven	
Oven, drying, 30°C - 200°C, (50°-250°C)	6
Oven, hybridization, 5°-70°C, Shaker model, Boekel 136400	1
Oven, Vacuum ambient to 260°C, three shelves, 1.5 cu. Ft.	1
Oxygen Titrator	
Oxygen titrator (Langdon/LDEO amperometric), auto, with laptop, PC clone, dosimats, stir plate, etc (please request chemicals under 'Supplies' tab)	1

Product	Quantity on hand
PCR Machine	
PCR machine, Eppendorf Mastercycler gradient	1
pH Meter	
pH Electrode, Sure flow silver chloride epoxy combination electrode with BNC connector, Orion 9165BN	6
pH Meter, benchtop, Orion 410A	3
pH Meter, portable, Microcomputer Based w/ac adapt, Jenco 6250	1
Pipettor	
Pipettor, adjustable volume, 0.5-10ul, Rainin/Gilson P-10	2
Pipettor, adjustable volume, 1-10ml, Eppendorf 4720	8
Pipettor, adjustable volume, 1-5ul, Eppendorf	6
Pipettor, adjustable volume, 10-100ul, Rainin/Gilson P-100	4
Pipettor, adjustable volume, 100-1000ul, Rainin/Gilson P-1000	5
Pipettor, adjustable volume, 2-20ul, Rainin/Gilson P-20	8
Pipettor, adjustable volume, 50-200ul, Rainin/Gilson P-200	5
Pipettor, adjustable volume, 500-5000ul, Rainin/Gilson P-5000	1
Pipettor, Fixed volume, 100ul, Eppendorf	2
Pump	
Pump, peristaltic, Masterflex C/L 77120-52	2
Pump, submersible, Little Giant, Pond Works	1
Pump, vacuum, diaphragm oil-less, Gast DOA-P104-AA	10
Pump, vacuum, Duo Seal Belt Drive, with oil, Welch 1400	1
Vacuum trap, 20L glass carboy	3
Vacuum Trap, 20L Nalgene	4
Radiation Survey Meter	
Radiation Survey Meter (Geiger counter), Bicorn 50 PGM, w/ End Window probe	1
Radiation Survey Meter (Geiger counter), Bicorn 50 PGM, w/ Pancake Probe	1
Refractometer	
Refractometer, hand-held, VWR SW series	1
Salinometer	
Salinometer, Autosal, Guildline 8400B	1
Salinometer, Portasal, Guildline 8410A	2

Product	Quantity on hand
Square sample bottles, (Please specify how many bottles)	1
Standard Seawater, IAPSO (Please specify how many bottles in Vendor Requests)	1
Scanning Spectrofluorometer	
Spectrofluorometer, scanning, HORIBAJOBIN YVON Fluoromax-3, red sensitive PMT, fully automated emission shutter, Thermostated 4-position sample holder, Datamax software with Laptop	1
Option 1) 1938 Cut-on, high-pass filters with low fluorescence background, set of 5 filters 1x2 inch cut-on at 370, 399, 450, 500, and 550nm	1
Option 2) 1939 Filters ideal for order sorting or Rayleigh line blocking. Increased sensitivity when a monochromator is not required. 2 x 2 inch cut-on at 370, 399, 450, 500, and 550nm	1
Option 3) Quartz Cuvette - 4ml, 1cmx1cm	1
Option 4) Low volume cell 250uL	1
Spectrophotometer	
Ocean optics USB2	
Spectrophotometer, UV/Vis, 200-850nm, Ocean Optics ChemUSB2-UV/VIS	3
Cell, 100mm, quartz, cylindrical, 28.2mL volume	1
Cell, 100mm, quartz, rectangular, semi-micro, 7.0mL volume	3
Cell, 10mm, quartz	3
Cell, 10mm, quartz flow cell, 0.420mL volume	3
Single cell holder, 10mm - can be temp controlled with additional water bath requested separately	3
Single cell holder, cylindrical, 100mm - can be temp controlled with additional water bath	3
Single cell holder, rectangular, adjustable 10-50mm, no temperature control	3
Perkin Elmer Lambda 18	
Spectrophotometer, UV/VIS, Scanning, dual beam, Perkin Elmer Lambda 18	1
Labsphere, Perkin-Elmer RSA-PE-18	1
Perkin Elmer LS-5B	
Luminescence Spectrometer LS-5B Perkin Elmer	1
Perkin Elmer DU640B	
Spectrophotometer, UV/Vis, w/monitor, 1 w/printer, Beckman DU640B	1
Sipper Cell, for Beckman DU640B	1
Thermometer	
Thermometer, Digital, 0.1°C (1°F) resolution, K-type probe, VWR	4

Product	Quantity on hand
Thermometer, Hygro, Digital, 0.1°C (1°F) resolution, K-type probes, waterproof, Hanna	1
Thermometer, Hygro, Digital, 0.1°C/F resolution, K-type probes, with printer, Extech	2
Water Bath	
Bath, circulating, -30° to 130°C, +/-0.01°C, 5L capacity, Neslab RTE 110	7
Bath, Circulating, Neslab RTE-17, -25°C to +150°C, +/-0.01°C, Bath 8.8" x 9.4" x 9", 17L	3
Bath, circulating, Neslab RTE-211D, -28° to 130°C, +/-0.01°C, Bath 10x10x5 3/4", 12.3L	8
Bath, sonicator, Branson 3510R-MT	1
Water Filtration	
13mm Filter Setup	
Glass Base, 13mm fritted glass	5
Glass Funnel, 100ml with 13mm flange, ungraduated	2
25mm Filter Setup	
Glass Funnel, 150ml with 25mm flange	12
Glass Funnel, 15ml with 25mm flange	23
Glass Funnel, 300ml with 25mm flange	10
Glass Base, 25mm fritted glass screen	25
Glass Base, 25mm, stainless steel screen	7
Filtration Assembly, polysulfone, 200mL funnel with 25mm base	12
Filtration Assembly, polysulfone, 50mL funnel with 25mm base	3
47mm Filter Setup	
Filtration Assembly, Polyetherimide, 300ml funnel with 47mm base	8
Filtration Assembly, polysulfone, 250mL funnel with 47mm base	1
Glass Base, 47mm fritted glass screen	8
Glass Base, 47mm stainless steel screen	1
Glass Funnel, 300ml with 47mm flange	8
Clamp	20
Filtration Manifolds	
Filtration manifold, 6-pl, PVC	4
Water Purification System	
Deionized Water Systems	
Water Purification System, Aqua Solutions RODI-C-12-BL, Ultra low TOC, High flow R/O + DI system installed in Hydro Lab	1
Water Purification System, E-Pure, 4 module w/ pump	1
Aquaria	

Product	Quantity on hand
Tank, polyethylene double wall w/2" insulation, I.D. 44" L x 39" W x 27" H, 678-L volume, in Aquarium Room. Portable to back deck; tanks can also be transferred to Palmer Station.	6
Deck Incubator (UV)	
UV transparent (UVT), 44' w x 44' l 16' d, on insulated base, connected to seawater pump	4
LABORATORY VANS & SCIENCE VANS	
Freezer Van	
Freezer Van #6 -25°C - Designed for processing ice cores at -25°C temperature.	1
Freezer Van #9 -20°C with wood counters along back and one side of the van.	1
Radioisotope Vans	
Rad Van #1 - Designed for research involving radioisotopes. This van is the preferred lab for Tritium (3H) research.	1
Rad Van #2 - Designed for research involving radioisotopes. This van is a preferred lab for Carbon 14 (14C) research.	1
Rad Van #3 - Designed for research involving radioisotopes. This van is the preferred lab for Tritium (3H) research.	1
Rad Van #4 - Designed for research involving radioisotopes. This van is the preferred lab for Carbon 14 (14C) research.	1
Rad Van #5 - Designed for research involving radioisotopes. This van is a preferred lab for Carbon 14 (14C) research.	1
TMC Lab and Garage Van	
TMC Lab and Garage Van #7 - Contains a garage section for the deployment of a Trace Metal Clean rosette and a lab section for sample processing.	1