

NBP Information for Proposers	
Product	Quantity on Hand
Autoclave	
Autoclave, Sanyo Sterilizer, 75L capacity, Sanyo MLS-3782L	1

Balance	
Balance, cargo, 400lbs x .5lbs, 12 x 12.5", Pelouze 4040	1
Balance, Motion Compensated, Accuracy $\pm 0.1g$ up to 0.3kg; $\pm 0.2g$ up to 0.6kg; $\pm 0.5g$ up to 1.5kg, 12cm diameter pan, POLS S-182	1
Balance, topload, portable, 600g x 0.1g, 10.2 cm diameter pan, auto-calibration, Ohaus CT-600	2
Balance, topload, 200g x 0.01g, 10cm diameter pan, built-in calibration, Mettler AE-240S (for use in port at Punta Arenas, Chile unless otherwise requested)	1
Balance, topload, 2100g x 0.01g, 16.5cm diameter pam, Mettler PG2002-S	1
Balance, topload, 4100g x 0.1g, 17cm diameter pan, Mettler PM4000	1
Balance, triple beam, 2610g x 0.1g, 13cm diameter pan, Ohaus	2
Scale, hanging 0-110 lbs, Salter 235 6S	1

Centrifuge	
Centrifuge, clinical, non-refrigerated, 3300 rpm max, 1580 xg max Clay Adams Dynac	2
Rotor, fixed, 4-place, for 50ml tubes, for Clay Adams Dynac II	1
Rotor, swinging bucket, 4-place, for 50ml tubes, for Clay Adams Dynac II	2
Rotor, fixed, 24-place, for 15ml tubes, for Clay Adams Dynac II	4
Centrifuge, clinical, non-refrigerated, Max RPM 5100, Max g = 3400x g, Fisher 225	1
Rotor 24 place for 10-15mL tubes	1
Rotor 6 place for 50 mL tubes	1
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
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
Centrifuge, micro, non-refrigerated, variable speed up to 16,400 rpm / 25,000 x g, Eppendorf 5417C	2

Rotor, fixed, 30-place, 1.5-2ml microfuge tubes, 11mm bore, 14,000 rpm max / 20,800 x g, FA-45-30-11 for Eppendorf 5417C/R	8
Rotor, fixed, 24-place, 1.5-2ml microfuge tubes, 11mm bore, 14,000 rpm max / 20,800 x g, FA-45-24-11 for Eppendorf 5417C/R	4
Centrifuge, micro, refrigerated, -9° to 40°C, variable speed up to 16,400 rpm / 25,000 x g, Eppendorf 5417R	3
Rotor, fixed, 24-place, 1.5-2ml microfuge tubes, 11mm bore, 14,000 rpm max / 20,800 x g, FA-45-24-11 for Eppendorf 5417C/R	4
Rotor, fixed, 30-place, 1.5-2ml microfuge tubes, 11mm bore, 14,000 rpm max / 20,800 x g, FA-45-30-11 for Eppendorf 5417C/R	8
Centrifuge, non-refrigerated, 3750 rpm / 3210 g max, Beckman GS-6 / Allegra 6	2
Rotor Adapter, 250 ml bottle x 1, YELLOW for Rotor GH 3.8	4
Rotor Adapter, 30 or 50 ml conical bottom x 4, GREEN for Rotor GH 3.8	4
Rotor Adapter, 50 ml round bottom x 4, BLUE for Rotor GH 3.8	4
Rotor Adapter, 50 ml round bottom x 7, YELLOW for Rotor GH 3.8	4
Rotor, swinging bucket, 750ml x 4 bottles or various adapters, 3,750 Max RPM, 3,210 Max RCF, P/N GH 3.8 for Beckman GS-6 / Allegra 6	2
Rotor Adapter, 500 ml bottle x 1, TAN for Rotor GH 3.8	4
Rotor Adapter, Deep Well Plate for Rotor PTS 2000	2
Centrifuge, refrigerated, -10° to 40°C, variable speed up to 14,500 rpm, Beckman Allegra 21R	3
Rotor, fixed angle 25°, 50mL x 6, 9,299 Max RCF, C0650 for Allegra 21R/X22R	1
Rotor, fixed angle 25°, 50mL x 8, 10,730 Max RCF, F0850 for Allegra 21R/X22R	1
Rotor, fixed angle 45°, 1.5ml x 24, 21,460 Max RCF, F2402H for Allegra 21R	1
Rotor, fixed angle 30°, 30ml x 6, 20,410 Max RCF, F0630 for Allegra 21R/X22R	2
Rotor, microplate/microtitor, microplate x 4, 1,107 Max RCF, S2096 for Allegra 21R/X-22R	1
Rotor, swinging bucket, 180ml x 4, 5,450 Max RCF, S4180 for Allegra 21R - Specify required inserts	3
Rotor, fixed, 36-place, for 1.5-2ml microfuge tubes, 19,280 RCF/g max, Beckman F3602, for Beckman Allegra 21/22R	1
Centrifuge, refrigerated, -20° to 40°C, variable speed up to 15,500 rpm, Beckman Allegra X-22R	2
Rotor, fixed angle 25°, 50mL x 6, 9,380 Max RCF, C0650 for Allegra 21R/X22R	1
Rotor, fixed angle 25°, 50mL x 8, 9,299 Max RCF, F0850 for Allegra 21R/X22R	1

Rotor, swinging bucket, 250ml x 4, SX4250 for Allegra X-22R	1
Rotor Adapter, 50ml round bottom x 4, 368477 for SX4250	4
Rotor, fixed angle 30°, 30ml x 6, 20,450 RCF/g max, F0630 for Allegra 21R/X22R	2
Rotor, fixed angle 45°, 2.2ml x 30, 22,065 Max RCF 21,952, FX301.5 for Allegra X-22R	2
Rotor, microplate/microtitor, microplate x 4, 1,107 RCF/g max, S2096 for Allegra 21R/X-22R	1

Conductivity Meter	
Conductivity Meter, portable, Orion 115	1
Conductivity Cell, 1.0k constant, plastic body with thermistor, Orion 011050	3
Conductivity Meter, Benchtop, Orion 3 Star	1
Conductivity Cell, DuraProbe with 4 electrodes, Range: 1 uS/cm to 200mS/cm, Thermo Orion 013005MD	1

Crimper	
Crimper, hand operated for 20mm seals- Wheaton 224303	3
Decaper, Plier, 20mm	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, 0-0.5mL, Barnstead Repipet Jr - for aqueous solutions only Acid/Base OK	4
Dispenser, 0.2-1ml, bottle top, 28, 38, 45mm adapters	6
Dispenser, 0.25-2ml, bottle top, 28, 38, 45mm adapters	3
Dispenser, 0.4-2ml, bottle top, 28, 38, 45mm adapters	6
Dispenser, 1-10ml, bottle top, 28, 38, 45mm adapters	1
Dispenser, 1-5ml, bottle top, 28, 38, 45mm adapters	9
Dispenser, 10-60ml, bottle top, 28, 38, 45mm adapters	2
Dispenser, 2-10ml, bottle top, 24, 28, 38mm adapters	5
Dispenser, 5-30ml, bottle top, 28, 38, 45mm adapters	3
Dispenser, repipet, 0-0.5ml, with square amber glass jar	3
Dispenser, repipet, 0-2.5ml, with square amber glass jar	3
Dispenser, repipet, 0-5ml, with square amber glass jar	3

FIRe (Fluorescence Induction and Relaxation) System	
Satlantic FIRe Fluometer System w/ removable filters 680nm and 880nm, two 1cm quartz cuvettes, USB port	2
Actinic Using Light Source (ALS)	2
Fiber Optic Probe	2

Flow through Cuvette	2
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Fluorometer	
Fluorometer, Benchtop, Turner TD700, rotating drum for multiple filter sets	2
Filter kit, Ammonium/CDOM filter set, Turner Designs 10-303	3
Filter kit, Chlorophyll-a in Vivo & extractive (Acidification), Turner Designs, 10-037R	3
Filter kit, Chlorophyll-a in Vivo & extractive (NON-Acidification), Turner Designs, 10-040R	3
Fluorometer, digital, Turner 10-AU-005 (benchtop). Please select filters required.	3
Attenuator plate, 1:5, Turner Designs 10-318(square)/10-318R(round)	1
Cuvette Holder, 13mm and 25mm, Turner Designs 10AU-030	1
Filter, >570nm, cs 3-66, em:rhodamine, Turner Designs 10-052	1
Filter, >570nm, cs-16, em:chlorophyll, Turner Designs 10-053	1
Filter, >610nm, cs 29, em:chlorophyll, Turner Designs 10-054	1
Filter, >665nm, cs2-64, em:chlorophyll acidification method, Turner Designs 10-051/10-51R	1
Filter, 1 N.D., square, Turner Designs 10-032	1
Filter, 2 N.D., square, Turner Designs 10-035	1
Filter, 310 - 390nm, ex: Ammonium/DOM, round, Turner Designs 10-102	1
Filter, 340 - 500nm, cs 5-60, ex: chlorophyll acidification method, Turner Designs 10-050/10-050R	1
Filter, 410 - 600nm, em: Ammonium/DOM, round, Turner Designs 10-110R-C	1
Filter, bandpass 7-37, 300-400nm, square, Turner Designs 10-069	1
Solid Standard, Secondary Chl-A standard	1

Freezer/Refrigerator	
Freezer, -20°C, Flammable storage upright, Fisher Isotemp	1
Freezer, -20°C, upright, 15 cu ft, 17 x 50 x 23"D, Fisher Scientific	1
Freezer, ultralow, -40° to -80°C, chest, 20 cu ft, 70L x 19W x 26"D, Revco	1
Freezer, ultralow, -40° to -80°C, upright, 15 cu ft, five compartments, Revco	1
Refrigerator, Flammable storage underbench, 2° to 7°C, 5.6 cu ft, Revco 97 938-1, Bio & Hydro Labs	3
Refrigerator, Flammable storage upright, 20 cu ft, Revco RXP164A15, Aft Dry Lab	1

Refrigerator, underbench, 4 cu ft, no freezer, no flammable storage	2
Refrigerator, underbench, 4 cu ft, with 0.5 cu.ft. freezer	1
Refrigerator, upright, 11.8 cu ft, w/2.1 cu ft freezer, Baxter FSR54AOC, Helo Workshop	1

Furnace	
Muffle Furnace, Thermolyne 30400, 100° to 1093°C, 1.6 cu ft, F30438CM	1
Muffle Furnace, Thermolyne 6000, 100° to 1200°C, 0.5 cu ft, F6038CM	2

Gas Chromatograph	
Agilent 6890N GC system, configured with Packet 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

Heat Blocks	
Bath, dri, modular, six block, ambient to 150°C, +/-0.5°C, with 50, 15, 1.5ml tube size blocks, VWR 13259-038	3
Heat block, 12 x 15ml conical, VWR 13259-250	2
Heat block, 20 x 1.5ml microtaper, VWR 13259-286	3
Heat block, 5 x 50ml microtaper, VWR 13259-254	1
Bath, dri, modular, three block, 25° to 110°C, +/- 0.1°C, with 6, 13, 16mm tube size blocks, Thermolyne 16525	2
Heat block, 12 x 16mm, Thermolyne BK 165X7A	2
Heat block, 20 x 13mm, Thermolyne BK 165X5A	3
Heat block, 30 x 6mm, Thermolyne BK 165X3A	2
Bath, dri, modular, two block, max temp 130°C, Fisher 2052FS	1
Heat block, 6 x 6 mm & 5 x 13mm & 3 x 25 mm, Fisher 11-718-22Q	4

Homogenizer	
Homogenizer, w/stand, for sample vol. 0.3ml-20L, 10000 to 30000 RPM, Pro Scientific 250	2
Generator, Safety sealed chamber assembly, stainless steel, 70ml, 1" blade, treatable volume 10-65ml	1
Generator, saw, chamber size 7 x 150mm, stainless steel, treatable volume 0.1-10ml	1
Immersion sonicator, Omni Ruptor 400 Ultrasonic Homogenizer, with 400W control unit and generator with variable power output	1
Intermediate Tip for Ultrasonic Homogenizer, 3/8" (9.5mm) diameter, 8.6" (21.8cm) length, 10ml - 250ml processing volume, Medium intensity, Solid Titanium construction	1

Micro-Tip for Ultrasonic Homogenizer, 5/32" (3.8mm) diameter, 10.1" (25.6cm) length, 250 µl -10ml processing volume, High intensity, Solid Titanium construction	1
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Hood	
Hood, absorber, portable, 31.5x25" working space, 87 cu ft/min, Captair Labx	1
Filter for Acid Vapors	1
Filter for Ammonia/Amines	1
Filter for Formaldehyde use	1
Filter for Organic Vapors	1
Hood, fume, 32Dx48"W working area, Fisher Hamilton Safeair, installed in Bio Lab	2
Hood, fume, portable, Flowsciences 34 x 30", contains own blower for lab vans	1
Hood, laminar flow, bench model, 2x2' working area, corrosion-res, Envirco 100-Plus (welded steel cabinet),	2
Hood, laminar flow, bench model, 31" x 23" x 22", Airclean 600 system, trace metal use,	5
Hood, laminar flow, bench model, 36" x 24" x 28", Terra Universal, trace metal use	3
Hood, laminar flow, Envirco Mac 10 HEPA, 2' x 4', 120V	2
Filter, spare, HEPA for Mac 10	1
Hood, snorkel, portable, ceiling mounted, Alisident System 100	3

Hot Plate/Stirrer	
Hot Plate/Stirrer, 6 x 8", 65° to 510°C, Corning PC-320	3
Hot Plate/Stirrer, 7 x 7", 5° to 540°C, Thermolyne SP131325	1
Hot Plate/Stirrer, 8 x 8", 65° to 500°C, Thermolyne SP46925	2
Stir Plate, 10" x 10", Corning PC-610	2
Stir Plate, 7 x 7", VWR	2

Ice Maker	
Ice maker - shaved ice - installed in Hydro Lab	1

Incubator	
Incubator, lighted, -10° to +50°C, +/- 1-3°C, Percival Model I-36LLVL, in Aft Dry Lab	2

Irradiance Sensor	
Data Logger, Li-Cor LI-1000	2
Irradiance Sensor, handheld, immersible, scalar, quantum, Biospherical Instruments QSL-100	1
Irradiance Sensor, pyranometer, BNC 50', LI-COR LI-200SA	3
Irradiance Sensor, pyranometer, non-BNC 50', LI-COR LI-200SZ	3

Irradiance Sensor, quantum, BNC 50", LI-COR LI-190SA	3
Irradiance Sensor, quantum, non-BNC, 50", LI-COR LI-190SZ	3
Irradiance Sensor, underwater spherical, LI-COR LI-193SA	3
Irradiance Sensor, frame, lowering, f/LI-193SA	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-C	5
Quench Standards, 3-H	5
Rack Adapters for 2ml microfuge tubes	-
Rack Adapters for 4ml bio vials	-
Racks for 20 ml scintillation vials	50
Racks for 7 ml scintillation vials	50
Unquenched Standards, blank, 3-H, 14-C	3

Microscope	
Base, Darkfield w/ illuminator, M3C	2
Camera, Canon 60D Camera with microscope adaptors (fits eyetube on E800, Axioskope 50, Standard 25, M3C)	1
Cold Stage, for slides, -1.8°C to ambient temperature, +/- 0.1°C, Instec STC 200	1
Eyepiece 16X/14B	2
Eyepiece 25X/9.5B	2
Illuminator, fiber optic, two arm, Dolan-Jenner MI-150F	9
Microscope Imaging, Camera, Video, Sony DXC-390	1
Microscope Imaging, Digital Camera, Spot Insight (fits E800, Axioskope 50, Standard 25, M3C)	1
Microscope, compound, Brightfield, DIC, Epi-Fluorescence, Phase Contrast, Objectives (10X Ph1, 20X Ph2, 40X Ph2, 100X Ph3) Zeiss Axioskop 50	1
Epi-Fluorescent Filter, Zeiss Axioskop 50 - Acridine Orange/FITC (CZ909)	1
Epi-Fluorescent Filter, Zeiss Axioskop 50 - DAPI (CZ902)	1
Epi-Fluorescent Filter, Zeiss Axioskop 50 - DAPI (CZ909)	1
Microscope, Compound, Brightfield, DIC, Epi-Fluorescent, Phase Contrast (10X), Objectives (10X Ph1, 20X, 40X, 60X, 100X) Nikon E800	1
Epi-Fluorescent Filter, Nikon E800 - BLUE (Chroma filter 96165)	1
Epi-Fluorescent Filter, Nikon E800 - BLUE LP (Chroma filter 11001)	1

Epi-Fluorescent Filter, Nikon E800 - DAPI (Chroma filter 31000)	1
Epi-Fluorescent Filter, Nikon E800 - FITC (Chroma filter 31001)	1
Epi-Fluorescent Filter, Nikon E800 - RHODAMINE/TRITC (Chroma filter 31002)	1
Epi-Fluorescent Filter, Nikon E800 - TEXAS RED (96109)	1
Microscope, Compound, Brightfield, Epi-Fluorescence, Phase Contrast, Objectives (10X Ph1, 20X Ph1, 40X Ph2, 100X) Zeiss Standard 25	1
Epi-Fluorescent Filter, Zeiss Standard 25 - DAPI (487702)	1
Epi-Fluorescent Filter, Zeiss Standard 25 - FITC (487709)	1
Epi-Fluorescent Filter, Zeiss Standard 25 - Rhodamine (487715)	1
Reticle, dia 26mm, 100 div grid, Klaraman KR-406A	1
Reticle, dia 26mm, full x hairs, Klaraman KR-301	1
Reticle, dia 26mm, linear 0-100um, Klaraman KR-207	2
Microscope, Compound, Petrographic, Polarizing, Objectives (4X, 10X, 40X) Nikon Labophot	2
Microscope, Stereo, Leica/Wild M3C with standard base, 6.4 - 40 times Magnification with 1X objective and 10X/21B eyepiece	4
Objective 0.32x	1
Objective 1.5X	2
Objective 2.0X	1
Reticle, dia 12mm, 120C/L	4
Vibration free slab, vibraplane, microscopy, max 275 lbs, 20x24" surface, Kinetic Sys Benchmate	3
Vibration free table, installed in Microscope Room	2

Mixer	
Mixer, vortex	6

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, Forced convection, 5° to 260°C, ID 17x15x15", Yamato DKN-402	1
Oven, Gravity convection, 40° to 200°C, ID 20x17.5x28", VWR 1326	1
Oven, Gravity convection, 40° to 260°C, ID 18.5x16x17.5", Blue M	5
Oven, Hybridization 5-70°C with shaker, ID 11.5x11.5x10.5", 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 laptope, PC clone, dosimats, stir plate, etc (please request chemicals under 'Supplies' tab)	2
Sample bottles, glass 125mL, calibrated, Indicate Number Required	340

PCR Machine	
PCR machine, Eppendorf Mastercycler gradient	1

pH Meter	
pH meter, -2-19.99, resolution 0.01/0.1, temp -5° to 105°C in 0.1°C, Orion 520A	7
pH Electrode, Ross Combination, Orion 8102BN	6
pH Electrode, Triode, Orion 9157BN	4
pH meter, 0-15.99, resolution 0.001/0.01/0.1, temp -5° to 100°C in 0.1°C, Beckman PHI34	1
pH Meter, Benchtop, Orion 320 PerpHect	1
pH Electrode, PerpHect Combination, Orion 9202BN	1

Pipettor	
Pipettor, adjustable volume, 0.2-2uL	1
Pipettor, adjustable volume, 0.5-10uL	2
Pipettor, adjustable volume, 1-10mL	6
Pipettor, adjustable volume, 1-10uL	8
Pipettor, adjustable volume, 10-100uL	9
Pipettor, adjustable volume, 100-1000uL	3
Pipettor, adjustable volume, 1000-5000uL	11
Pipettor, adjustable volume, 2-20uL	13
Pipettor, adjustable volume, 20-200uL	3
Pipettor, adjustable volume, 200-1000uL	13
Pipettor, adjustable volume, 50-200uL	13
Pipettor, adjustable volume, 500-2500uL, Autoclavable	1
Pipettor, adjustable volume, 500-5000uL	1
Pipettor, fixed volume, 100uL	3
Pipettor, fixed volume, 200uL	3
Pipettor, repeater, 1uL-10mL, Eppendorf Repeater Plus, for combi-tips	7
Pipettor, repeater, 2-5000uL, Eppendorf 4780, for combi-tips	4

Plankton Counter	
Plankton Counter, Multi-Channel, w/probe, Interface Sys MCC-20A	1

Pump	
Pump, Aeration, Aquarium air pump with air diffusing stones	3
Pump, Peristaltic, Masterflex L/S motor	1

Pump, Peristaltic, Mini Low Flow Rate: 0.03 to 8.20mL/min, Gas or Liquid, Fisher 13-876-1	5
Pump, vacuum, diaphragm, Gast DOAP104AA	15
Vacuum trap, 20L glass carboy	3
Vacuum Trap, 20L heavy-duty polypropylene carboy	6
Pump, vacuum, hand-operated, 15 cc, Nalgene 6131-0010	3
Pump, vacuum, hand-operated, 36 cc, Nalgene 6130-0020	5
Pump, water, Self Priming 3gpm/12Lpm, Jabsco 31801-0115	1

Radiation Survey Meter	
Radiation Survey Meter (Geiger counter), Inspector IM	1

Refractometer	
Refractometer, clinical, handheld, temperature compensated, Schuco 5711-2021	1
Refractometer, salinity, handheld, temperature compensated, Reichert-Jung (Leica) 10419	1

Salinometer	
Salinometer, Autosal, Guildline 8400B	2
Salinometer, Portasal, Guildline 8410A	1
Square sample bottles (Please specify how many bottles)	100

Scanning Spectrofluorometer	
Spectrofluorometer, scanning, HORIBAJOBIN YVON Fluoromax-3, red sensitive PMT, fully automated emission shutter, Thermostated 4-position sample holder, Datamax software	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

Shaker	
Shaker, orbital, IKA KS 130 Control	3
Platform, describe requirements	0
Shaker, orbital, 4-400 orbits/min, Labline 3520, 28 x 34 cm table	2
Platform, 28 x 34 cm, holds 25/50/250 mL flasks	2

Spectrophotometer	
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Luminescence Spectrometer LS-5B Perkin Elmer	1
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
Spectrophotometer, UV/VIS, Scanning, dual beam, Perkin Elmer Lambda 18	1
Labsphere, Perkin-Elmer RSA-PE-18	1
Specify cell requirements for Perkin Elmer Lambda 18	1
Spectrophotometer, UV/Vis, w/monitor, 1 w/printer, Beckman DU640B	2
Sipper Cell, for Beckman DU640B	1
Specify cell requirements for Beckman DU640B	1

Thermometer	
Thermometer, Analog, -100°C to 50°C, 1°C division, total immersion	1
Thermometer, Analog, -20°C to 110°C, 1°C division, 76mm immersion	3
Thermometer, digital, -55° to 150°C (no F), Tegam 866	8
Thermometer, digital, C/F, 0.1° degree resolution, K-type probe, VWR 6122060	3
Thermometer, digital, waterproof, C/F, 1.0° degree resolution, K-type probe, Fisher 1507714	6

Water Bath	
Bath, Circulating, Neslab RTE-10, -25°C to +150°C, +/- 0.01°C, ID 8.8" x 9.4" x 6", 11.3L	5
Bath, Circulating, Neslab RTE-110D, -30° to 130°C, +/- 0.01°C, ID 5" x 5" x 5", 5L	3
Bath, Circulating, Neslab RTE-17, -24°C to +150°C, +/- 0.01°C, ID 8.8" x 9.4" x 9", 18.1L	4
Bath, Circulating, Neslab RTE-211D, -28° to 130°C, +/- 0.01°C, ID 10" x 10" x 5 3/4", 12.3L	8
Bath, Circulating, Polyscience, -28° to 130°C, +/-0.01°C, ID 5" x 5"	1
Bath, Heated, analog, VWR 1212, 5°C above ambient to 99°C, ID 12 29/32" x 11 3/4" x 6", 12L	1
Bath, Heated, shaking, Yamato YB521, 5° to 70°C, +/- 0.1°C, 14" x 10" x 5", 50-150 Osc/min, timer	1
Bath, Ultrasonic, 12" x 6" x 6", 6L, Branson 3200	1

Bath, Ultrasonic, 12" x 9" x 6", 10L, heat, timer, degassing, Ney 300, Fisher 15-336-6	1
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Water Filtration	
Filter holder, for pressure filtration, 142mm, ss, 1.5L capacity, 125 psig inlet, 9/16" ID, silicone gasket, Millipore 316	5
Filtration Assembly, polysulfone, 150mL funnel with 25mm base, magnetic	6
Filtration Assembly, polysulfone, 200mL funnel with 25mm base, twist	36
Filtration Assembly, polysulfone, 250mL funnel with 47mm base, clamp	8
Filtration manifold, 10-place, for 25mm filters, Hoefer FH225V, RAD USE	1
Filtration manifold, 12-place, for 25mm filters, circular, Millipore, RAD USE	1
Filtration manifold, 3-place, PVC	2
Filtration manifold, 3-place, stainless steel	8
Filtration manifold, 6-place, PVC	6
Glass Base, 25mm fritted glass screen	25
Glass Funnel, 1000ml with 25mm flange	12
Glass Funnel, 150ml with 25mm flange	3
Glass Funnel, 15ml with 25mm flange	26
Glass Funnel, 300ml with 25mm flange	16
Glass Base, 25mm, stainless steel screen	15
Glass Funnel, 1000ml with 25mm flange	12
Glass Funnel, 150ml with 25mm flange	3
Glass Funnel, 15ml with 25mm flange	26
Glass Funnel, 300ml with 25mm flange	16
Glass Base, 47mm, fritted glass screen	7
Glass Funnel, 300ml with 47mm flange	23
Glass Base, 47mm, stainless steel screen	16
Glass Funnel, 300ml with 47mm flange	23

Water Purification System	
Seawater Purification, Cole Parmer "Big Blue" 10" high capacity with 50um, 25um, 10um, 5um filters	1
Seawater Purification, US Filter PP, 0.2um filter	1
Water Purification System, Aqua Solutions RODI-C-12-AL, Ultra low TOC, High flow R/O + DI system installed in Aft Dry Lab	1
Water Purification System, Barnstead Diamond UV, virtually TOC-free, installed in Hydro Lab	1

Aquaria	
Fiberglass non-insulated 2' x 4' x 4' part of Aquarium Room.	2

Tank, polyethylene double wall w/2" insulation. Portable to back deck. I.D. 44" L x 39" W x 27" H, 678-L volume. 3 tanks available in Aquarium Room, 2 tanks available in Wet Lab.	5
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Deck Incubator (UV)	
UV transparent (UVT), 44"w x 44"l x 16"d, on insulated base, connected to seawater pump	8

Freezer Van	
Freezer Van #6 - Temperature controlled lab van for temperatures between (-25°) and (+4°C). See	1
Freezer Van #9 -20°C with wood counters along back and one side of the van. See	1

Radioisotope Vans	
Rad Van #1 - Designed for research involving radioisotopes. This van is the preferred lab for Tritium (3H) research on the LMG. See	1
Rad Van #2 - Designed for research involving radioisotopes. This van is a preferred lab for Carbon 14 (14C) research on the LMG. See	1
Rad Van #3 - Designed for research involving radioisotopes. This van is the preferred lab for Tritium (3H) research on the NBP. See	1
Rad Van #4 - Designed for research involving radioisotopes. This van is the preferred lab for Carbon 14 (14C) research on the NBP. See	1
Rad Van #5 - Designed for research involving radioisotopes. This van is the preferred lab for Carbon 14 (14C) research. See	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. See	1

Walk-In Cooler (Constant Temperature Room)	
Constant Temperature Room, opens to main corridor and to Biolab, temperature to -10°C +/- 1°C, "Big Antarctica"	1
Constant Temperature Room, opens to main corridor, temperature to -10°C +/- 1°C, "Little Antarctica"	1