



TEXAS STREAM TEAM

Equipment

Core Water Quality Monitoring Equipment

Core water quality monitoring involves performing tests on water temperature, dissolved oxygen, conductivity, pH, water clarity, total depth, and conducting various field observations. Core water quality monitoring through the Texas Stream Team program must be conducted with the Standard Texas Stream Team Core Kit sold by LaMotte Company. If use of the Secchi Disk is impractical due to the water body being too shallow or flowing too swiftly, a transparency tube may be purchased from PGC Scientifics. Please consider the quantity of each product in regards to the total cost.

Equipment Supplier for Texas is NAPCO Chemical Company, 2830 Spring Cypress Road in Spring, Texas 77388. Order by telephone and provide Part Numbers at (281) 651-6800. Say you are ordering Texas Stream Team water monitoring equipment or replacement parts.

LaMotte Phone: 410.778.3100 **Toll-Free:** 800.344.3100 (USA)

PGC Scientifics Toll-Free: 800.424.3300 (USA)

Item	Supplier	Part #	Quantity
Standard Texas Stream Team Core Kit	LaMotte	XX01364	1
120 cm Transparency Tube	Lawrence Enterprises, Inc.	TTG	1

Miscellaneous supplies: Miscellaneous supplies which are necessary for monitoring. These are the suppliers used by Texas Stream Team, but supplies may be purchased from other suppliers. The conductivity meter should be calibrated to a value closest to the observed values in the water body. Purchase the conductivity standard closest to the values observed. If you do not know what value that is, purchase the standard of 600 μ MHOS (aka μ S/cm) because most water bodies in Texas will be closer to that value. Once you begin monitoring, if you detect values closer to a different standard, purchase that standard.

Item	Supplier	Part #	Quantity
Conductivity standard 600 μ MHOS (1L)	Right Price Chemicals	AS-6927-1L	1

Conductivity standard 1,413 µMHOS (1L)	Right Price Chemicals	AS-6920-1L	1
Conductivity standard 2,500 µMHOS (1L)	Right Price Chemicals	AS-6925-1L	1
Water rinse bottle	Capitol Sci.	B7444-500	6
Waste bottles	Capitol Sci.	B6542-32	24
Gloves - S	Capitol Sci.	G2741-1	100
Gloves - M	Capitol Sci.	G2741-2	100
Gloves - L	Capitol Sci.	G2741-3	100
Goggles	Capitol Sci.	S1600-1	12
5-gallon polyethylene bucket	Lowe's	356492	1
Nylon rope	Lowe's	349182	1 ft

Suppliers:

Company	Phone Number	Website
LaMotte	1-800-344-3100	http://www.lamotte.com/
PGC Scientifics	1-800-424-3300	http://www.pgcsscientifics.com/
Capitol Scientific	1-800-580-1167	http://www.capitolscientific.com
Lowe's	1-800-445-6937	http://www.lowes.com
Right Place Chemicals	1-877-445-2537	http://www.rightpricechemicals.com

Core monitoring replacement reagents: The core water quality monitoring kit will need to be restocked as reagents are depleted or expire. This table shows the prices for replacement reagents.

Item	Supplier	Part #	Quantity
Manganous sulfate solution	LaMotte	4167-G	1
Alkaline potassium iodide azide	LaMotte	7166-G	1
Sodium thiosulfate	LaMotte	4169-H	1
Sulfuric acid	LaMotte	6141WT-G	1
Starch indicator solution	LaMotte	4170WT-G	1
WR indicator solution	LaMotte	2218 -G	1

Core monitoring replacement supplies: Supplies may be lost or broken. This table shows each of the individual items in the core monitoring kit.

Item	Supplier	Part #	Quantity
Secchi Disk	LaMotte	0171-CL	1
Thermometer	LaMotte	1066	1
EC Tester 11 (Conductivity Meter)	LaMotte	5-0082	1
pH Color Comparator - Low Range	LaMotte	2193	1
pH Color Comparator - High Range	LaMotte	2196	1
pH Test Tube with Cap	LaMotte	0230	1
Plastic Beaker - 150mL	LaMotte	2-2011	1
DO Fixing Bottle	LaMotte	0688-DO	1
DO Titration Vial	LaMotte	0608	1
Titration	LaMotte	0377	1
Titration Tip	LaMotte	23573-3	1

D-net with Expandable Pole from LaMotte, but can be ordered from NAPCO

LaMotte Order Code: 0168



LaMotte Price: \$73.95 USD

Orders shipped outside the U.S. are subject to additional fees

[Ask a question about this product](#)

Twelve-inch rim dip net is fitted with a heavy canvas bag approximately 6½" deep. Bag attached to metal frame with clamp rings. Bottom of bag is a mesh material of approximately 500 micron nylon. Canvas skirt extends three inches below bag bottom to protect mesh. Aluminum pole extends from 52" to 84". Replacement bags available.

Item Description	Order Code	Shipping Code
D-Net with Expandable Pole	0168	NH (7)

Aquatic Macroinvertebrates: Insect Identification Flashcards **ordered from NAPCO**

Order Code: 5882-SA1

Price: \$48.15 USD

Orders shipped outside the U.S. are subject to additional fees

[Ask a question about this product](#)



Use this set of 18 full color flash cards alone or as an addition to any macroinvertebrate activity.

(Included in the Leaf Pack Experiments Stream Ecology Kit). The front of each card features a full-color photograph of a common macroinvertebrate in its natural environment. A list of dichotomous characteristics, a measuring scale, and detailed drawings on the back of each card aid in the identification process.

Helpful notes prevent confusion between macroinvertebrates with a similar appearance. A hole can be punched in the wide border of the laminated cards so they can be organized on a ring for field or classroom use.

Description	Order Code	Shipping Code (weight/lbs.)
Aquatic Macroinvertebrate Insect Identification Flashcards	5882-SA1	NH (1)

Economy Aquatic Net (small with wooden handle) purchase from Acorn Naturalist



ECONOMY AQUATIC NET (wooden handle). Strong 20 inch wooden handle attaches to 8 x 6 inch net ring with 7 inch deep white nylon 3/16 inch mesh net bag. Perfect aquatic dip net for stream and pond explorations or for catching fish in and around school or garden ponds. #T-13507. \$9.95 each; 20 or more, \$8.95 each.