

Category	Source or Service	Company	Contact	Address	Phone	Email or Website	Remarks
Consultants	Rain Harvesting Consultant	Master Gardeners	Dr. Steven Grainger	130 Stallion Springs Dr. Fischer, TX 78623	903.452.0801	jstevengrainger@gmail.com SaveWater@comalmg.com	Consults without charge
	Rain Harvesting Consultant	(CTGCD)	Dr. Larry Sunn	475 Brand Rd. Bulverde TX 78163	210.286.8050	texsunn@gmail.com RainBees.com	Consults without charge
Filters							
	Maelstrom filters, Leaf Eater Rain Head for Downspouts	Home Steader	Coy Clark	7901 N. Kickapoo Shawnee, OK 74804	405.481.9216	coy@unitliner.com https://www.home-steader.com/	Jami Johnston, Admin Asst, 405.481.8007
	UV filters, particulate filters	Raines Water Service	Terry Raines	471 Limestone Lane, Driftwood, TX 78619	512.466.4319	info@raineswaterharvest.com	
	Complete systems, Pioneer tanks	Rainwater Equipment	Jim Wood		817.246.4567	Jim@rainwaterequipment.com	
Installation Help							
	Water harvesting installation	Water harvesting handyman	Dee Sunn	451 Brand Rd. Bulverde, TX 78163	424.360.8334	Raiderfan@1122d@icloud.com	
Pipe							
	Stainless steel pipe fittings, HDPE pipe & fittings, Stainless PEX fittings	Raines Water Service	Terry Raines	471 Limestone Lane, Driftwood, TX 78619	512.466.4319	info@raineswaterharvest.com	
	Rain pipe supplier	Austin Pipe & Supply			512.477.4640		
	Rain pipe supplier	Gicon Pumps & Equipment		Schertz	210.654.8900		
Pumps							
	Walrus pumps	Raines Water Service	Terry Raines	471 Limestone Lane, Driftwood, TX 78619	512.466.4319	info@raineswaterharvest.com	
	Grundfuss pumps	Tanks-a-Lot	Jessie (owner), Bob Watt	Boerne	830.331.7330 210.882.9566	robert@tanksalottx.com	
		Gicon Pumps & Equipment			210.654.8900		
	Complete systems, Pioneer tanks	Rainwater Equipment	Jim Wood		817.246.4567	Jim@rainwaterequipment.com	
Rain Gutters	Estimate: ~\$10 LnFt						
	A-Ok Gutters	Phil Bepko	Phil	6118 Dusty Trl, San Antonio, Texas 78249	210.690.2661		
	AHC Gutters & Paint	Cory	Cory		210.665.5500	info@americanhillcountrygutters.com	
	Quality Gutter Systems	Chad & Jeremy	Chad		830.264.1667	chad@qualityguttersystems.com	Also do roofing & solar tube lights
	Williamson Gutters	Derrick Waltman	Derrick		210.860.2853	derrick@williamsongutters.com	Also do roofing
Storage-Poly							
	Enduraplas Poly Tanks	Raines Water Service	Terry Raines	471 Limestone Lane, Driftwood, TX 78619	512.466.4319	info@raineswaterharvest.com	
	Enduroplas Poly tanks	Tanks-a-Lot	Jessie (owner), Bob Watt	Boerne	830.331.7330 210.882.9566	robert@tanksalottx.com	
	Norwesco Poly tanks	Storage Solutions	Bob Bray	Bulverde	210.884.0622	Buildings@qvtc.com	
	Norwesco Poly tanks	Plastic-Mart	Ryan Cottle		512.269.6918	ryan@plastic-mart.com	
	Poly Tanks, Yaktek Level Gauges	Texas Water Tanks	Jim Wood	200 Chuckwagon Trail Willow Park, TX 76087	877-331-7008	TexasWaterTanks.com Jim@rainwaterequipment.com	
Storage-Metal							
	Pioneer metal tank	RainKeepers	Adam Crow	Wimberley	512.537.8537	www.RainKeepers.com	Turn-key systems
	Pioneer metal tank	Tanks-a-lot	Jessie	Boerne	210.882.9566	robert@tanksalottx.com	
	Aquamate metal tank	Texas Tank Supply	Brad Hill		512.966.3975	brad@txtanksupply.com	

	Aquamate metal tank	Plastic-Mart	Ryan Cottle		512.269.6918	ryan@plastic-mart.com	
	Aqualine metal tank		Marissa Yeary		830.201.3555	marissa@aqualinewatertanks.com	
	Pioneer Water Storage Tanks, Poly Tanks, Yaktek Level Gauges	Texas Water Tanks	Jim Wood	200 Chuckwagon Trail Willow Park, TX 76087	877-331-7008	TexasWaterTanks.com Jim@rainwaterequipment.com	
Category	Source or Service	Company	Contact	Address	Phone	Email or Website	Remarks
Storage-Barrel							
	Barrels & IBC Totes	Dave, The Barrel Guy	Dave or Bill	San Antonio	210.838.3478		former Pepsi barrels w/bungs
Supplies							
	Stainless steel pipe fittings, HDPE pipe & fittings, Stainless PEX fittings	Raines Water Service	Terry Raines	471 Limestone Lane, Driftwood, TX 78619	512.466.4319	info@raineswaterharvest.com	
	Assorted catchment materials & supplies	Tanks-a-Lot	Jessie	Boerne	830.331.7330 210.882.9566	robert@tanksalott.com	
	Brooklyn Pipe 1" Floor Flanges (20 Pack) for wall stand-off	Amazon					
	Plumbing supplies, sched 80 wall stand-off	Supply House		130 Spagnoli Rd Melville, NY 11747	888.551.7600	https://www.supplyhouse.com/	
	Maelstrom & UV filters, Leaf Eater Rain Heads, pumps	Home Steader	Jami Johnson	7901 N. Kickapoo Shawnee, OK 74804	405.481.8007	https://www.home-steader.com/	Jami Johnston, Admin Asst, 405.481.8007
	DAB, Grundfos, Munro & Strom Pumps, Luminor & Viqua UV Filtration Systems, Yaktek Level Gauges, JED Ozone Generators, Gutterglove & Leafblaster Gutter Guards, various components	Rainwater Equipment	Jim Wood	200 Chuckwagon Trail Willow Park, TX 76087	817.246.4567	rainwaterequipment.com jim@rainharvestingsupplies.com	
Trucking							
	Trucking (base, sand, rock)	DDA Contracting	Don Soloman	Bulverde	210.336.9890		One truckload is ~ 12 tons which is ~14 yards
Turn-key System							
	Rain Capture Systems-Pioneer	RainKeepers	Adam Crow	Wimberley, TX	512.537.8537	www.RainKeepers.com	
	Rain Capture Systems	Full Circle	David & Cindy Owens	150 Talisman Dr. New Braunfels, TX 78132	830.625.1302	damowens@hotmail.com	http://www.fullcircletx.com
	Rain Capture Systems-Pioneer	Holden Rainwater	Jack East	30127 Sherri Lea, Bulverde, TX, 78163	210.788.0134	jack@holdenrainwater.com	www.holdenrainwater.com
	Complete systems, Pioneer tanks	Texas Water Tanks	Jim Wood	200 Chuckwagon Trail, Willow Park, TX 76087	817.246.4567	Jim@rainwaterequipment.com	TexasWaterTanks.com
Notes:	All items purchased for rain harvesting are Texas sales tax exempt (rain gutters, tanks, conveyance piping, trenching, labor, filtration)						
<p>The use or listing of items, brand names, businesses, or individual names in this document does not indicate an endorsement by the authors of this handout, the Grainger & Sunn principals, Comal Trinity Groundwater Conservation District, Master Gardeners, the Texas A&M Agrilife Center, or any other entity.</p> <p>Listings in this document are presented to help you locate vendors for bids or pricing for their respective products or services; the listing does not necessarily reflect the recommendations of any entity.</p> <p>To have your business or service added to this list contact Dr. Sunn at Texsunn@gmail.com</p>							

Calculations in inches (Enter tank radius and tank height in yellow cells--gray cells calculate, green cells are constants)						
Volume in cubic inches	12142833.66	Radius in Inches	Height in Inches	Volumes		
Cubic inches in a Cubic foot	1728	212	86	7027.10	Cubic feet	
Cubic inches in a Cubic yard	46656	Diameter in feet	Height in feet	260.26	Cubic yards	
Cubic inches in a Gallon	231	35	7	52,566.38	Gallons	
Volume of a cylinder	Pi	Radius in Inches	Height in Inches			
$V = \pi r^2 h$	3.141592654	210.00	84.00			
		Radius in Feet	Height in Feet			
		17.67	7.17			
Surface Areas						
Lateral surface area in Square Inches	Top surface area (Sq inches)	Bottom surface area Sq inches)	Total surface area (Sq inches)			
114555.03	141195.74	141195.74	396946.51			
Lateral surface area in Sq Ft	Sq Ft	Sq Ft	Sq Ft			
795.52	980.53	980.53	2756.57			
				Average Comal Rainfall		
				Month	Inches	
				Jan	1.64	
				Feb	1.92	
				Mar	1.59	
				Apr	2.61	
				May	4.08	
				Jun	3.59	

					Jul	1.93	
					Aug	2.44	
					Sep	3.15	
					Oct	3.19	
					Nov	2.17	
					Dec	1.65	
					Total =	29.96	

