



**STATE OF COLORADO**  
Department of Natural Resources

Page 1 of 2

ORDER				*****IMPORTANT*****			
<b>Number:</b> POGG1,PDAA,202000003167				The order number and line number must appear on all invoices, packing slips, cartons, and correspondence.			
<b>Date:</b> 6/18/20							
<b>Description:</b> Water & Land Use Plan for a Sustainable Water Solution				<b>BILL TO</b>			
				COLORADO WATER BOARD CONSERVATION 1313 SHERMAN STREET, ROOM 718 DENVER, CO 80203			
<b>Effective Date:</b> 06/15/20							
<b>Expiration Date:</b> 12/31/24							
<b>BUYER</b>				<b>SHIP TO</b>			
<b>Buyer:</b>				COLORADO WATER BOARD CONSERVATION			
<b>Email:</b>				1313 SHERMAN STREET, ROOM 718			
<b>VENDOR</b>				DENVER, CO 80203			
GREYTER WATER SYSTEMS USA INC 1624 Market St Ste 226 Denver, CO 80202-2523							
<b>Contact:</b> .				<b>SHIPPING INSTRUCTIONS</b>			
<b>Phone:</b> .				<b>Delivery/Install Date:</b> -			
				<b>FOB:</b> FOB Dest, Freight Allowed			
<b>VENDOR INSTRUCTIONS</b>							
<b>EXTENDED DESCRIPTION</b>							
Line Item	Commodity/Item Code	UOM	QTY	Unit Cost	Total Cost	MSDS Req.	
1	G1000		0	0.00	\$130,000.00	<input type="checkbox"/>	
Description: Water Plan Grant for a Sustainable Water Solution CMS#161950							



# STATE OF COLORADO

## Department of Natural Resources

Page 2 of 2

The 40-home pilot will feature a unique platform, what we call the "The Sustainable Water Solution." Simply put, it's the best way to a plumb a house and provides the biggest opportunity for water savings. The platform can reduce water consumption by up to 40 percent.

The Phyn Plus will be installed in every home, just after the water meter. The device is capable of monitoring indoor and outdoor water usage. Phyn monitors pressure, temperature and flow. It communicates with the homeowner via an app. Homeowners will receive alerts if there is unusual or irregular use and it will shut the main off automatically in the event of a catastrophic leak. Additionally, Denver Water will have access to a dashboard that provides real-time data on water activity. The installation of a Phyn Plus device can reduce water consumption by up to 15 percent.

The homes will be plumbed using Uponor's Pex A piping (1/2" and " plastic pipe) where the supply runs will be engineered designed in order to maximize efficiency on distribution. By using multi-ports in strategic locations, Logic Plumbing hot water run times are shortened which saves water (~1,000 gallons annual per household). The final water savings solution is the graywater system, the Greyter HOME. All homes will capture the master shower and a secondary shower/bath water combo, and that water will be filtered and treated on-site and then re-used to flush toilets. The Greyter HOME will reduce indoor consumption by as much as 25 percent. Toilets are the single biggest wasters of water in a home, and it makes no sense flushing toilets with perfectly good drinking water.

Service From: 06/15/20

Service To: 12/21/24

### TERMS AND CONDITIONS

<https://www.colorado.gov/pacific/osc/small-dollar-grant-award-terms-conditions>

**DOCUMENT TOTAL = \$130,000.00**