

The GECM Water Table Depression Pump Control Panel (WTDP) is an advanced, PLC-based pump controller specifically designed for managing groundwater remediation sites and landfill leachate pumping systems. It can be operated individually or networked for remote access and telemetry, providing a versatile and comprehensive solution for effective groundwater management.

### FEATURES

- Flexible operation
- Weather-Proof Enclosure
- Multiple Sensor Input Compatibility
- Probe Status Display
- Self-Test Features
- Interface with External Devices
- Optional Multiple Pump Operation
- Optional SiteView User Portal

### APPLICATIONS

- Groundwater remediation sites
- Environmental monitoring and research
- Landfill leachate management
- Industrial wastewater management
- Municipal water treatment facilities
- Any application requiring precise and reliable groundwater pump management



### Technical Specifications

<b>Main Enclosure</b>	NEMA 4X (IP66)
<b>Enclosure Material</b>	Fiberglass reinforced plastic with Lexan window
<b>External Height</b>	18" (45.7 cm)
<b>External Width</b>	16" (40.7 cm)
<b>External Depth</b>	10" (25.4 cm)
<b>Weight</b>	15 to 45 lbs (6.8 to 20 kgs) depending on installed options
<b>Inputs Included</b> *Varies based on Hardware Purchased	*Float Probe for Well Level *Pressure Transducer for Well Level *Float Probe for Tank Level *Pressure Transducer for Tank Level Tank full Probe Auxiliary Input (Used to Halt Entire System) *Flow Rate and Flow Totalizer *VFD System Status (RS-485)
<b>Additional Inputs (Available with Telemetry)</b> *IS = Intrinsically Safe	Optional IS inputs for monitoring Optional IS 0-5 VDC analog inputs with 8-bit measurement resolution Optional IS 4-20 mA analog inputs with 10-bits measurement resolution Motor current sensor for monitoring Temperature sensor for monitoring Totalizer input for water flow measurement

CALL GEOTECH TODAY  
**(800) 833-7958**

Geotech Environmental Equipment, Inc.  
2650 East 40th Avenue Denver, Colorado 80205  
(303) 320-4764 FAX (303) 322 7242  
email: sales@geotechenv.com website: www.geotechenv.com

Site Requirements	
<b>Door Clearance for full 180° door opening</b>	20" (50.7 cm) wide x 30" (76.2 cm) high to the left of enclosure
<b>Enclosure footprint for wall mounting</b>	18.94" (48.11 cm) wide x 14" (35.56 cm) high
<b>Modem</b>	Cellular or standard 802.11 Ethernet (Optional)

### Parts and Accessories

1*		Controls Single Pump					
2*		Controls Two Pumps					
3*		Controls Three Pumps					
Number of Pumps	1	115V 1.5HP(5.8A)					
	2	230V 1φ~3.0HP(10.5A)					
	3	230V 3φ~7.5HP(24A)					
	4	460V~15HP (24A)					
	Voltage and Phase(s)	M	Motor Starter				
		V	VFD				
	VFD or MS	F	Well Level Controlled with WTDP Float				
		T**	Well Level Controlled with Transducer (Sold Separately)				
		N	No Tank Level Monitoring (Still Supports Tank Full Probe)				
	Well Level Control	F	Tank Level Monitored with Float				
		T**	Tank Level Monitored with Transducer				
		N	No Flow Rate Monitor nor Flow Totalizer				
	Tank Level	F***	Flow Rate Monitor and Flow Totalizer				
		R****	Control & Monitor Site Remotely via Cloud (Includes Local Controls)				
	Flow and Totalizer	L	Local Control and Monitoring Only				
		R****	* Pump, Motor, and Cable Sold Separately				
	Remote or Local		** Transducer and Cable Sold Separately				
		*** Flow Monitor, Meter, and Cable Sold Separately					
2*	3	M	F	N	N	R****	**** Remote Telemetry Requires Annual Data Package

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