

STAFF REPORT

To: Coastside County Water District Board of Directors

From: Mary Rogren, General Manager

Agenda: March 10, 2026

Report Date: March 6, 2026

Agenda Title: Authorize the General Manager to Procure a Hurricane 200 Blower for Half Moon Bay Tank 1

Recommendation/Motion:

Authorize the General Manager to purchase a Hurricane 200 Blower for Half Moon Bay Tank#1 from Doane & Hartwig Water Systems, Inc. for \$37,270.

Background:

With the new Carter Hill Prestressed Concrete Tank nearing completion, Staff recommends moving forward with the purchase of a blower/ventilation system for THM control to be installed on the roof of the tank. This item was not included in the DN Tanks, LLC (DN) contract, however DN provided a hatch in the tank roof specifically designed to accommodate the installation of a blower system.

The primary purpose of the blower is to continuously evacuate the air in the headspace of the tank between the water level and the roof. The blower works in conjunction with the tank mixer to reduce formation of disinfection byproducts, especially trihalomethanes (TTHMs.)

Per the distributor, Doane & Hartwig Water Systems, Inc. (D&H Water Systems), "the Hurricane Blower by Big Wave Water Technologies is an active ventilation system that delivers sustained airflow at moderate pressure into the headspace of potable water storage tanks. Its frame is constructed from high-density polyethylene (HDPE), a non-metallic material with superior corrosion resistance and improved sound dampening. The direct-drive motor is permanently sealed and belt-free. Fully assembled, the unit weighs under 250 pounds and can be assembled or disassembled on site by the customer. It operates on a single-phase, dedicated 20 A circuit and offers the highest horsepower-to-CFM ratio among roof-mounted tank blowers in the industry."

District staff obtained quotes for two comparable blower/ventilation systems, with the Hurricane 200 Blower coming in at a lower price point. In addition to the cost

STAFF REPORT

Agenda: March 10, 2026

Subject: Approval of Hurricane Blower

Page Two

advantage, staff prefers the Hurricane Blower given that it is constructed from HDPE which should provide greater durability and corrosion resistance in the District's coastal environment.

D&H Water Systems is a reputable manufacturers' representative serving the water and wastewater markets in California, Nevada, Arizona and New Mexico. The District has purchased from D&H Water Systems in recent years.

Fiscal Impact:

Cost of \$37,270 (including sales tax).

Attachments:

Exhibit A - D&H Water Systems quote



Project Name: Hurricane 200 Blower for Half Moon Bay 1

Tank Size: 2.1MG

Proposal Date: February 26, 2026

Owner: Coastside County Water District

Contact: Sean Donovan and CCWD Team

Authorized Sales Representative:

D&H Water Systems, Inc.
Attn: Kyle Hayes
603 Seagaze Dr, #241
Oceanside, CA 92054

Dear Sean Donovan and CCWD Team,

Thank you for your interest in the Hurricane Blower manufactured by Big Wave Water Technologies, Inc. (BWWT). We are pleased to provide the following proposal for your consideration.

Pricing, equipment specifications, and purchasing terms and conditions are attached. Equipment is shipped via FedEx or common carrier upon request. Equipment startup can be provided by D&H Water Systems, as well as installation checklists and startup forms.

We look forward to working with you on this project. If we can be of any further assistance, please do not hesitate to contact me.

Best,

Kyle Hayes

kyle@dandhwatersystems.com

(650) 613-2470



SCOPE OF SUPPLY

The following equipment and services constitute our scope of work. All equipment will be manufactured in accordance with the descriptions below.

Quantity	Item	Description
1	Hurricane 200	Big Wave Water Hurricane 200 Blower - Motor: 0.75 HP, 120 VAC, 1 Ph - CFM: 3,740 - Max Amperage Draw: 13.7 Amps - Weight: 224 Lbs - Control Center Power: 115 VAC, 1 Ph, 60 Hz, 20-Amp Circuit - Control Center Dimensions: 16" x 12" x 7.5" - Material: - Control Center – NEMA 4X 304 SS - Blower – HDPE - Fan – Composite - Wiring: 14 AWG 3-Wire
1	Shipping & Handling	Shipping and Handling (FOB Oceanside, CA)
1	Startup & Training	D&H Water Systems service tech to assist with startup and training



PRICING

Quantity	Item	Sales Price	Extended Price
1	Hurricane 200	\$33,075.00	\$33,075.00
1	Shipping & Handling	\$1,000.00	\$1,000.00
1	Startup & Training	\$0.00	\$0.00
		Subtotal	\$34,075.00
		Sales Tax (9.375%)	\$3,194.54
		Total Lot Price	\$37,269.54

1. Purchase order shall be made out to Doane & Hartwig Water Systems, 603 Seagaze Dr, #241, Oceanside, CA 92054.
2. If not included in pricing above, startup and operator training can be provided by D&H Water Systems for an additional cost.
3. If entity is tax exempt, a tax-exempt certificate must be submitted to D&H Water Systems.
4. D&H Water Systems requires a minimum of two (2) weeks notification prior to performing onsite system startup and training. D&H Water Systems will work with you to best meet your scheduling needs. Contact the Service Department at (760) 722-6893 to schedule the onsite visit.
5. Once the startup service has been scheduled, D&H Water Systems requires a minimum of one (1) week notification in the event of a delay. Requests less than one (1) week prior to the site visit may result in a change fee.





Standard Terms and Conditions of Sale

A D&H Water Systems, Inc., proposal forms the basis of an offer under our standard terms and conditions and shall be effective upon receipt of the client's written order confirmation.

Quote is valid for **30 days**.

Payment terms (upon approved credit) are **net 30** days after shipment of equipment.

If client fails to fulfill the net 30-day payment terms, D&H Water Systems, Inc., may defer further shipments and/or cancel the balance of any order at its option.

All credit card transactions will incur a 4% pass-through service charge.

D&H Water Systems' standard insurance package covers general liability, automotive, worker's compensation, and umbrella liability. We do not provide professional liability. Any cost associated with additional insurance requirements will be passed on to buyer.

D&H Water Systems, Inc., is serving as an equipment supplier and will not approve retainage.

Submittals provided **1 to 2 weeks** after purchase order is fully executed by both parties.

Delivery will be made in approximately **8-10 weeks** after submittal approval. (Subject to change based on component availability.)

Lead times given represent the best available estimate at the time of the proposal. D&H Water Systems, Inc., will endeavor to deliver on the anticipated date but assumes no obligation for any unforeseen circumstances and reserves the right to adjust lead times. D&H Water Systems, Inc., will not be held liable for any liquidated damage incurred during a project.

Unless otherwise agreed to in writing, all deliveries will be made FOB shipping point, and title and risk of loss shall be passed to the buyer at the point.

Immediately following receipt, the customer shall examine the delivery for completeness and functionality for use. D&H Water Systems, Inc., shall be informed of any defects within 7 days following arrival at destination.

Any shipment shortages shall be reported in writing within 48 hours following arrival at destination.

Products that are manufactured specific to the client's order requirements are considered custom and are not returnable.

Return of non-custom products requires prior approval and may be subject to restocking fees. Any returned product must contain a D&H Water Systems RMA number.

No terms or conditions contained within a client's purchase order or contract shall be binding unless specifically agreed to in writing by both parties.

The proposal does not include any applicable taxes or fees.

This quotation is limited to the products and services listed and excludes any item or service that is not specifically listed. Other items, such as but not limited to insurance premiums, transit fees, permit fees, license fees, bond fees, inspection fees, seismic calculations, equipment tags, labels, etc., are excluded.

Purchaser shall defend and hold harmless Seller, their officers, agents, employees, and members from all claims, suits, actions, or liens of any nature resulting from or arising out of the activities of Purchaser or its subcontractors, agents, or employees under this contract.

This quotation **EXCLUDES** any field wiring. Field wiring and any other installation service not listed shall be performed by others.

Should any term or clause on these terms and conditions in whole or in part be found unenforceable or void, all other provisions shall remain in force and effect.

Rev. 09.29.23





HURRICANE BLOWER

We are proud to offer our new active air ventilation system that enhances water quality and improves asset longevity.

- *Reduces corrosion inside water storage tanks*
- *Reduces tank headspace temperature and humidity*
- *Reduces total trihalomethanes (TTHM) inside tanks*
- *Improves water tank longevity*
- **1-year warranty**



For more information or to schedule a presentation, please call

667-244-9283 (677-BIG-WAVE)

or visit BigWaveWater.com





HURRICANE BLOWER SPECIFICATIONS

Model	HURRICANE 100	HURRICANE 200
Fan Motor Type	0.5 HP, 120 VAC, 1 Ph	0.75 HP, 120 VAC, 1 Ph
CFM	2,438	3,740
Max Amperage Draw	6.1 Amps	13.7 Amps
Weight	193 lbs (87.54 kg)	224 lbs (101.61 kg)
Control Center Power	115 VAC, 1 Ph, 60 Hz, 15-Amp Circuit	115 VAC, 1 Ph, 60 Hz, 20-Amp Circuit
Control Center Dimensions	16" x 12" x 7.5" (40.64 cm x 30.48 cm x 19.05 cm)	16" x 12" x 7.5" (40.64 cm x 30.48 cm x 19.05 cm)
Control Panel Material	NEMA 4, Powder-Coated Steel Enclosure with Front Lock	NEMA 4, Powder-Coated Steel Enclosure with Front Lock
Wiring	14 AWG 3-Wire (Black, White, & Ground)	14 AWG 3-Wire (Black, White, & Ground)

