



UTILITY/MARINA COMMITTEE

420 N Front St.

Suttons Bay, MI 49682

October 2, 2023 8:30 am

**AGENDA**

Call to Order

1. Reports (staff)
  - a. DPW Director Report
  - b. Marina Report
  - c. WWTP Report

2. Public Comments

Please limit remarks to no more than three (3) minutes or less.

3. Committee Business

- a. VSB-2023-51 By Pass Pump Contract
- b. VSB-2023-53 Lift Station Pump Discussion
- c. 2024 Fee Schedule- Marina

4. Status Update – Other Committees


- a.

5. Public Comments/Written Communication

6. Committee Member Comments

7. Announcements

8. Adjournment

|   |                     |  |  |
|---|---------------------|--|--|
|  |                     | <b>DEPARTMENT OF PUBLIC WORKS</b><br><b>REPORT DPW -2023- 06</b> |  |
| Prepared:   | September 28, 2023  | Pages:   | 1 of 1                                   |
| Meeting:  | October 2, 2023     | Attachments:   | None <input checked="" type="checkbox"/> |
| Subject:  | Monthly DPW Updates |  |  |

### GENERAL SERVICE HIGHLIGHTS

Routine park maintenance has been slowing down in regard to public use and general upkeep.

We have been preparing our equipment for winter operations. A few vehicles will be getting tires replaced, including our primary salt truck. Replacement of cutting blades for the underbody scraper will be needed also.

Factor had an oil pump that had to be replaced a couple of weeks ago. We were able to tow it back with the loader to the shop for in-house repairs.

Potholes have been filled along all village roadways.

Storm water collection basins are being cleaned out that were impacted from the various washouts from the 7 inches of rain recently.

Alley grading behind Cozy Cottage up towards Concord was completed along with re pitching the slope to improve adverse effects from runoff.

### UTILITY HIGHLIGHTS

Distribution System of Materials Inventory (DSMI) which correlates with the Water Reliability Study as mentioned in prior reports, is ready to start after village water supply chlorination next week. Other tasks include coinciding with the DSMI is a GIS integrated Cross Connection Program. Both programs will be part of the Village GIS system. Our department will be out "daylighting" randomized residential water leads within our distribution system.

Cross-connection inspection site visits for local businesses are anticipated to start in October.

The water valve exercising program is completed.


Harbor Heights Update: awaiting bacteriological test results from developer. Storm water infrastructure and water services to be installed in the next phase.

SCADA has been installed at Port Sutton and Bayview station along with a new integrated station controller at Bayview which was malfunctioning due to age.

The sewer lining project experienced main line structural failure in a section of existing pipe that will have to be replaced.

### REGULATORY HIGHLIGHTS

Village water supply monthly sample results were all clear. Chlorination begins 10/2 thru 10/6/2023 along with hydrant flushing and winterization.

|   |                              |   |                                     |
|---|------------------------------|---|-------------------------------------|
|  |                              | <b>VILLAGE OF SUTTONS BAY</b><br><b>REPORT VSB -2023-53</b> |                                     |
| Prepared:   | September 28, 2023           | Pages:  | 1 of 1                              |
| Meeting:  | October 2, 2023              | Attachments:  | <input checked="" type="checkbox"/> |
| Subject:  | Lift Station Pump Discussion |   |                                     |

**PURPOSE**

To discuss the purchase of two replacement sewage pumps.

**OVERVIEW**


The proposal before you has been forthcoming since we canceled the \$450,000 lift station project in 2019.

We found that the catalyst of this new lift station was the *discussion* of a 32-unit proposed residential project, which is now referred to as Harbor Heights. Rather than get into all the details, we eventually had the current lift station evaluated by another engineering firm. The results were not surprising in that we did not need a new \$450,000 lift station, rather, upgrades to the current lift station would suffice.

Fast forward to 2022. There was an element of uncertainty associated with the construction of the project, so we did not budget in those fees or the pump upgrades. I have attached Report VSB-2023-35, which was presented to the council in June and requested two budget amendments to reflect the payment of those fees. We are now looking to purchase two sewage pumps with those funds. Being that the pumps were not budgeted, we will need VC permission to move this forward.

**RECOMMENDATION**

Discussion.

|   |                                |   |                                     |
|---|--------------------------------|---|-------------------------------------|
|  |                                | <b>VILLAGE OF SUTTONS BAY</b><br><b>REPORT VSB -2023-35</b> |                                     |
| Prepared:   | June 12, 2023                  | Pages:  | 1 of 1                              |
| Meeting:  | June 20, 2023                  | Attachments:  | <input checked="" type="checkbox"/> |
| Subject:  | 2023 Mid-Year Budget Amendment |   |                                     |

#### PURPOSE

To adopt the attached 2023 budget amendment

#### OVERVIEW

Although we typically wait and lump budget amendments into an end of the year request, we are recommending that the 2023 sewer and water budgets be amended to reflect the fees that were paid by the Harbor Heights development.

#### **REQUEST #1 -To amend the 2023 Sewer Fund budget as follows:**

##### Revenues

Increase 590-000-476 Permits and Fees by \$176,000 from \$5,500 to \$181,500

##### Expenditures

Increase 590-537-756 Collection Supplies by \$4000 from \$6500 to \$10,500 and

Increase 590-537-974 Collection Cap Improv by \$172,000 from \$80,000 to \$252,000.

**MOTION THAT:** the 2023 Sewer Fund budget be amended, as stated in Report VSB-2023-35 and being made a part of this motion.

#### **REQUEST #2 -To amend the 2023 Water Fund budget as follows:**

##### Revenues

Increase 591-000-476 Permits and Fees by \$112,000 from \$500 to \$112,500

##### Expenditures

Increase 591-000-756 Supplies by \$4000 from \$13,000 to \$17,000 and

Increase 591-000-974 by \$108,000 from \$20,000 to \$128,000.

**MOTION THAT:** the 2023 Water Fund budget be amended, as stated in Report VSB-2023-35 and being made a part of this motion.



| QUOTATION |         |        |
|-----------|---------|--------|
| DATE      | NUMBER  | PAGE   |
| 9/20/2023 | 0053752 | 1 of 2 |

B SUT100  
 I VILLAGE OF SUTTONS BAY  
 L 420 FRONT STREET  
 T SUTTONS BAY, MI 49682  
 O

Accepted By: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 PO#: \_\_\_\_\_  
 Ship To: \_\_\_\_\_  
 \_\_\_\_\_

ATTENTION: DAVE MILLER      231-271-1032      dpwdirector@suttonsbayvillage.org

WE ARE PLEASED TO PROPOSE THE FOLLOWING FOR YOUR CONSIDERATION:

| CUSTOMER REF/PO# | JOB TITLE   | SLP     | SHIPPING TYPE   |
|------------------|---|---------|-----------------|
| QUOTE 9-20-23    | VILLAGE OF SUTTONS BAY, PORT SUTTON, FLYGT CONCERTOR, WASTE WATER | DHK/CEW | FREIGHT ALLOWED |
| QTY              | DESCRIPTION   |         |                 |

- (2) FLYGT EXPLOSION PROOF, SUBMERSIBLE SEWAGE PUMPS, MODEL NP6020.091-222 WITH HIGH CHROME IMPELLER AND INSERT RINGS. RATED FOR 470 GPM @ 15' TDH, 5 HP, 3 PHASE, 230 VOLT WITH 3" DISCHARGE AND 50 FT. MOTOR AND SENSOR CABLES. PUMPS EQUIPPED WITH SEAL FAIL/HIGH TEMP CABLES.
- (2) GUIDE RAIL SYSTEMS WITH 3" DISCHARGE ELBOWS, STAINLESS STEEL GUIDE RAILS, UPPER BRACKETS, INTERMEDIATE BRACKET, LIFTING CHAIN AND QUICK LINKS. (22' LENGTHS)
- (2) 3"x4" REDUCER
- (1) 4" SCH80 PIPE 60'.
- (2) 4" SCH80 SPIGOT FLG.
- (4) 4" SCH80 VANSTONE FLG SOC.
- (3) 4" SCH80 90 BEND SPIG X SOC 809-040.
- (6) 4" FLG ACC SET SS KIT.
- (50) 5/8 ZINC WASHER.
- (50) 1 1/4 SCH80 PCV PIPE
- (2) 1 1/4XCLOSE SCH80 NIPPLE
- (2) 1 1/4X2 1/2 SCH80 NIPPLE
- (2) 1 1/4X3 SCH80 NIPPLE
- (2) 1 1/4X4 SCH80 NIPPLE
- (2) 1 1/4X4 1/2 SCH80 NIPPLE
- (2) 1 1/4X5 SCH80 NIPPLE

*PS. PUMPS.*

NET PRICE INCLUDING FREIGHT, BUT NO TAXES: --- \$45,320.00 + 19,225.00 INSTALL

**\$64,545 TOTAL**



| QUOTATION |         |        |
|-----------|---------|--------|
| DATE      | NUMBER  | PAGE   |
| 9/20/2023 | 0053752 | 2 of 2 |

| QTY | DESCRIPTION |
|-----|-------------|
|-----|-------------|

FIELD SERVICE LABOR REQUIRED:

KENNEDY INDUSTRIES WILL PROVIDE (2) FIELD SERVICE TECHNICIANS(S) ONSITE FOR (4) DAYS TO INSTALL ABOVE MENTIONED PARTS, STARTUP AND TEST RUN TO VERIFY PROPER OPERATION.

TOTAL FIELD SERVICE COST: \$19,225.00

NOTES:

1) ITEMS QUOTED DO NOT MEET AIS OR BUY AMERICA REQUIREMENTS

WE DO NOT INCLUDE:


CONCRETE, ANCHOR BOLTS, VALVES, COVER/HATCHES, CONDUIT, WIRING, JUNCTION BOXES, PADLOCKS, KEYS, GENERATOR, GENERATOR RECEPTICLE, CONTROL PANEL, SCADA EQUIPMENT, SCADA INTEGRATION, WITNESS/CERTIFIED TESTING, SPARE PARTS OR ANYTHING NOT LISTED ABOVE

WE APPRECIATE THIS OPPORTUNITY TO QUOTE AND LOOK FORWARD TO BEING OF FUTURE SERVICE.

SINCERELY,  
DWIGHT KELSEY / BRYAN DAVIDSON

This quote is subject to and incorporates by reference Kennedy Industries, Inc.'s ("Kennedy") Terms & Conditions (Rev'd 6/2023) and Customer Warranty available at www.kennedyind.com which will be provided by email upon written request. Kennedy reserves the right to change the Terms & Conditions and Customer Warranty for future orders. By accepting this quote and/or issuing a purchase order relative to this quote, buyer expressly agrees to the provisions set forth in the Terms & Conditions and Customer Warranty posted on Kennedy's website.

**QUOTE VALID FOR 30 DAYS. CREDIT CARD PAYMENTS ARE SUBJECT TO AN ADDITIONAL 3% CHARGE NO TAXES OF ANY KIND ARE INCLUDED IN THIS PROPOSAL. PAYMENT TERMS: NET 30**

|   |                        |                               |                                     |
|---|------------------------|-------------------------------|-------------------------------------|
|  |                        | <b>VILLAGE OF SUTTONS BAY</b> |                                     |
|   |                        | <b>REPORT VSB -2023-51</b>    |                                     |
| Prepared:   | September 28, 2023     | Pages:                        | 1 of 1                              |
| Meeting:  | October 2, 2023        | Attachments:                  | <input checked="" type="checkbox"/> |
| Subject:  | Bypass Pump Discussion |                               |                                     |

**PURPOSE**

To discuss the purchase of a bypass pump.

**OVERVIEW**

Sewage bypass pumps are rarely used outside of emergencies, however, not having this piece of equipment when an emergency does occur adds an unnecessary risk to an already difficult situation. As you are aware, a bypass pump is needed when one our sewage lift station pumps breaks down and can no longer pump sewage through the system and to the wastewater treatment plant.

These emergencies often occur at inopportune times, which limits our ability to address the sewage concern in an efficient manner. Rather, when an emergency occurs, we sometimes find ourselves having to wait several hours before being able to rent a bypass pump. The bypass pump is then rented until the lift station pump can be removed, sent out to be repaired, and reinstalled. This is a very costly process.

In 2022, we budgeted an amount of \$50,000 for the purchase of a bypass pump this year. As with everything, the cost has risen and has now exceeded our estimated budgeted amount by approximately \$20,000. We have reached out to other professionals familiar with these pumps to gather their opinion on the pump and its cost. It appears that everyone is in agreement that the cost is fair and the purchase was recommended.

Prior to moving forward with this purchase, we would need support from the committee to elevate this purchase to the Village Council. We will then prepare the request for village council consideration, which due to the additional cost, would likely include an amendment to the budget.

**RECOMMENDATION**

Our community is well overdue on this purchase and following an evaluation of our budget and the additional \$20,000 needed for the purchase we are comfortable recommending this purchase.



**KENNEDY**  
INDUSTRIES

INNOVATE  
SOLVE  
MONITOR  
REPAIR

| QUOTATION |         |        |
|-----------|---------|--------|
| DATE      | NUMBER  | PAGE   |
| 9/12/2023 | 0053615 | 1 of 1 |

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I  
L VILLAGE OF SUTTONS BAY  
L 420 FRONT STREET  
T SUTTONS BAY, MI 49682  
O

Accepted By: \_\_\_\_\_  
Date: \_\_\_\_\_  
PO#: \_\_\_\_\_  
Ship To: \_\_\_\_\_  
\_\_\_\_\_

ATTENTION:  
DAVE MILLER 231-271-1032 dpwdirector@suttonsbayvillage.org

WE ARE PLEASED TO PROPOSE THE FOLLOWING FOR YOUR CONSIDERATION:

| CUSTOMER REF/PO# | JOB TITLE                            | SLP     | SHIPPING TYPE   |
|------------------|--------------------------------------|---------|-----------------|
| REV. 1           | PIONEER BYPASS PUMP PACKAGE, VARIOUS | DHK/AMA | FREIGHT ALLOWED |
| QTY              | DESCRIPTION                          |         |                 |

(1) PIONEER DIESEL PACKAGE:

PP44S10 PUMP, PIONEER PRIMING SYSTEM - TOP MOUNTED, 10.00 INCH TRIMMED IMPELLER, TOP HORIZONTAL DISCHARGE VOLUTE ORIENTATION, DUCTILE IRON CASING PUMP, CA6NM STAINLESS STEEL IMPELLER, GL2 - 75 GALLON FUEL CELL, ENCLOSED ODOT TRAILER WITH ELECTRIC BRAKES AND CORNER JACKS, INCLUDES 67 HP CONTINUOUS DUTY DIESEL ENGINE, CATTRON - CP750E DIESEL ENGINE CONTROL PANEL AND 3 WATT SOLAR PANEL TRICKLE CHARGER. TRAILER IS DOT CERTIFIED - COMES COMPLETE WITH A LIGHT PACKAGE.

NET PRICE INCLUDING FREIGHT, BUT NO TAXES: **\$69,210.00**

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NOTE: MUST PROVIDE CURRENT TAX-EXEMPTION CERTIFICATE AT TIME OF ORDER.

PRICE AND LEAD TIME ARE BASED OFF CURRENT MARKET PRICING AND AVAILABILITY AND ARE SUBJECT TO CHANGE. PLEASE NOTE QUOTE IS VALID FOR 30 DAYS.

WE DO NOT INCLUDE: PIPE, OFF-LOADING, GAS, TRAINING, INSTALLATION, SITE WORK, CONCRETE, ANCHOR BOLTS, PIPING, VALVES, COVER, STARTERS, CONTROLS, CONDUIT, WIRING, JUNCTION BOXES OR START-UP UNLESS LISTED ABOVE.

DELIVERY: APPROXIMATELY 4-6 WEEKS AFTER RECEIPT OF ORDER.

THANK YOU FOR THE OPPORTUNITY TO QUOTE OUR EQUIPMENT.

SINCERELY,  
ASHLEY ADAMS

This quote is subject to and incorporates by reference Kennedy Industries, Inc.'s ("Kennedy") Terms & Conditions (Rev'd 6/2023) and Customer Warranty available at www.kennedyind.com which will be provided by email upon written request. Kennedy reserves the right to change the Terms & Conditions and Customer Warranty for future orders. By accepting this quote and/or issuing a purchase order relative to this quote, buyer expressly agrees to the provisions set forth in the Terms & Conditions and Customer Warranty posted on Kennedy's website.

**QUOTE VALID FOR 30 DAYS. CREDIT CARD PAYMENTS ARE SUBJECT TO AN ADDITIONAL 3% CHARGE NO TAXES OF ANY KIND ARE INCLUDED IN THIS PROPOSAL. PAYMENT TERMS: NET 30**

*BYPASS*





## Pioneer Prime Sound Attenuated Diesel-Driven Centrifugal Pump Trailer Package

# SAPP44S10L71-D2.9L4

44S10-PPI-02-D



### PUMP SPECIFICATIONS

|                       |                                   |
|-----------------------|-----------------------------------|
| Size                  | 4" x 4" (100 x 100 mm)            |
| Impeller Diameter     | 10" (254 mm)                      |
| Max Flow              | 1,520 gpm (345 m <sup>3</sup> /h) |
| Max Head              | 155 feet (47 meters)              |
| Solids Size           | 3" (76 mm)                        |
| Max. Operating Temp.  | 200 °F (93 °C)                    |
| Max. Operating Press. | 260 psi (1,800 kPa)               |

### ENGINE SPECIFICATIONS

|   |  |
|---|--|
| FT4 Engine Type                               | Deutz D2.9L, 4-Cylinder Diesel                       |
| Displacement                                  | 177 cu. in. (2.9 l)                                  |
| Fuel Consumption                              | 2.07 gph (7.83 l/h) @ 1,800 rpm                      |
| Continuous HP                                 | 36 HP (27 kW) @ 1,800 rpm                            |
| Peak Intermittent HP Rating                   | 49 HP (36.5 kW)                                      |
| FT4 Specifics (Def or No Def, DOC, SCR, etc.) | DOC  |
| Instrument Panel                              | Oil pressure gauge, voltmeter, hourmeter, tachometer |

### PIONEER PRIME PRIMING SYSTEM

|                       |  |
|-----------------------|--|
| Priming System        | Mechanically driven diaphragm-style vacuum pump                            |
| Air Removal Cap.      | 50 cfm (.02 cms)   |
| Priming Chamber       | Positive sealing air separation w/stainless steel components               |
| Discharge Check Valve | Swing style; ductile iron w/nitrile disc                                   |
| Run Dry System        | Oil-lubricated mech. seal allows pump to run completely dry without damage |

### FEATURES AND BENEFITS

- Indefinite run-dry capability
- Extreme flow technology
- Environmentally safe priming system: Pioneer Prime
- Auto-start controls

### PARTS KITS

|                                      |                             |
|--------------------------------------|-----------------------------|
| Mechanical Seal Kit: 372000109       | Upper Vacuum Kit: 374000102 |
| Bearing Frame Kit: 37300107          | Lower Vacuum Kit: 374000103 |
| Priming Chamber Assembly: 1060015894 |                             |

### PACKAGE SPECIFICATIONS

|                               |  |
|-------------------------------|--|
| Fuel Capacity                 | 75 gal (284 L)   |
| Control Panel                 | LOFA CP900   |
| Operating Speed (Min. / Max.) | 1,000 / 2,200 rpm  |
| Weight (Dry / Wet)            | 3670 lbs / 4200 lbs  |
| Instrument Compatibility      | High/low level floats  |
| Trailer Brakes                | Electric   |
| Enclosure dB(A) Rating        | 69 dB(A) @ 23 feet (7 meters)  |
| Optional Adders               | 3-watt solar charger, 10-watt solar charger, corner jacks, float switch, hose racks, pressure gauges |
| Telemetry Ready               | Options available  |

### MATERIALS OF CONSTRUCTION

|                    |  |
|--------------------|--|
| Impeller           | CA6NM Stainless Steel                                    |
| Shaft              | 17-4 PH Stainless Steel                                  |
| Wear Ring          | ASTM A48 Class 40 Gray Iron                              |
| Suction Cover      | Ductile Iron ASTM A536 65-45-12                          |
| Volute             | Ductile Iron ASTM A536 65-45-12                          |
| Brac-Plate/Bracket | Ductile Iron ASTM A536 65-45-12                          |
| Mechanical Seal    | Silicon Carbide rotating and Tungsten Carbide stationary |



## **Suttons Bay Marina**

### **Recommendations; Marina Fee Schedule 2024:**

To keep up with operational costs and increased utilities I am suggesting an increase in Seasonal Slip Fees. Rates would increase from \$83 per ft. in the main marina to \$88 per ft. The Coal Dock rates would increase from \$73 per ft. to \$79 per ft. There is a flat rate for boats 25' and under. Main Marina \$2,200, Coal Dock \$1,950. These rate increases are still below other municipal marinas in the Bay. Northport and Elk Rapids is \$94 per ft. with expected increases for 2024. Elmwood and Clinch are at \$110 per ft.

Transient rates were not increased last year in 2023. In 2024 I suggest that we increase from the Waterways Rate Schedule of E to F. We are currently \$34 for vessels 25' and under with a \$1 per additional ft. The F schedule would take us to \$37 for vessels 25' and under with a \$1 per additional ft. Currently Northport is on the F Rate schedule with no plan for increase in 2024. Elmwood, Elk Rapids and Clinch are on the G Rate Schedule with \$40 vessels 25' and under an additional \$1 per ft.

Day Use/Shopper Docks are constantly busy and take up a lot of staff's time. We currently charge \$3 an hour for these slips. This rate has not been increased in over 10 years. I am suggesting that we increase this fee to \$5 an hour to help offset the costs involved with these slips.



**Dorothy**

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**From:** sbmarina@suttonsbayvillage.org  
**Sent:** Thursday, September 28, 2023 8:05 AM  
**To:** Dorothy  
**Subject:** waterways 2024 rate schedule  
**Attachments:** 2024 Seasonal Rates.pdf; 2024 Transient Rates .pdf

Not sure if you want to include this in the packet but the 2024 Waterways Rate Schedule just came out. It might give some reference to the suggested fee increase

Thank you 🙏

*Eddie Aylsworth*

Village of Suttons Bay, Harbormaster  
PO Box 395, Suttons Bay, MI 49682  
231-271-6703  
231-866-1224 (cell )

2024 Seasonal Rates

| Slip Length | 1        | 2        | 3       | 4       | 5       | 6       | 7       | 8       | 9       | 10      |
|-------------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|
| 20          | \$2,200  | \$2,040  | \$1,880 | \$1,720 | \$1,540 | \$1,360 | \$1,220 | \$1,040 | \$840   | \$700   |
| 21          | \$2,310  | \$2,142  | \$1,974 | \$1,806 | \$1,617 | \$1,428 | \$1,281 | \$1,092 | \$882   | \$735   |
| 22          | \$2,420  | \$2,244  | \$2,068 | \$1,892 | \$1,694 | \$1,496 | \$1,342 | \$1,144 | \$924   | \$770   |
| 23          | \$2,530  | \$2,346  | \$2,162 | \$1,978 | \$1,771 | \$1,564 | \$1,403 | \$1,196 | \$966   | \$805   |
| 24          | \$2,640  | \$2,448  | \$2,256 | \$2,064 | \$1,848 | \$1,632 | \$1,464 | \$1,248 | \$1,008 | \$840   |
| 25          | \$2,750  | \$2,550  | \$2,350 | \$2,150 | \$1,925 | \$1,700 | \$1,525 | \$1,300 | \$1,050 | \$875   |
| 26          | \$2,860  | \$2,652  | \$2,444 | \$2,236 | \$2,002 | \$1,768 | \$1,586 | \$1,352 | \$1,092 | \$910   |
| 27          | \$2,970  | \$2,754  | \$2,538 | \$2,322 | \$2,079 | \$1,836 | \$1,647 | \$1,404 | \$1,134 | \$945   |
| 28          | \$3,080  | \$2,856  | \$2,632 | \$2,408 | \$2,156 | \$1,904 | \$1,708 | \$1,456 | \$1,176 | \$980   |
| 29          | \$3,190  | \$2,958  | \$2,726 | \$2,494 | \$2,233 | \$1,972 | \$1,769 | \$1,508 | \$1,218 | \$1,015 |
| 30          | \$3,300  | \$3,060  | \$2,820 | \$2,580 | \$2,310 | \$2,040 | \$1,830 | \$1,560 | \$1,260 | \$1,050 |
| 31          | \$3,410  | \$3,162  | \$2,914 | \$2,666 | \$2,387 | \$2,108 | \$1,891 | \$1,612 | \$1,302 | \$1,085 |
| 32          | \$3,520  | \$3,264  | \$3,008 | \$2,752 | \$2,464 | \$2,176 | \$1,952 | \$1,664 | \$1,344 | \$1,120 |
| 33          | \$3,630  | \$3,366  | \$3,102 | \$2,838 | \$2,541 | \$2,244 | \$2,013 | \$1,716 | \$1,386 | \$1,155 |
| 34          | \$3,740  | \$3,468  | \$3,196 | \$2,924 | \$2,618 | \$2,312 | \$2,074 | \$1,768 | \$1,428 | \$1,190 |
| 35          | \$3,850  | \$3,570  | \$3,290 | \$3,010 | \$2,695 | \$2,380 | \$2,135 | \$1,820 | \$1,470 | \$1,225 |
| 36          | \$3,960  | \$3,672  | \$3,384 | \$3,096 | \$2,772 | \$2,448 | \$2,196 | \$1,872 | \$1,512 | \$1,260 |
| 37          | \$4,070  | \$3,774  | \$3,478 | \$3,182 | \$2,849 | \$2,516 | \$2,257 | \$1,924 | \$1,554 | \$1,295 |
| 38          | \$4,180  | \$3,876  | \$3,572 | \$3,268 | \$2,926 | \$2,584 | \$2,318 | \$1,976 | \$1,596 | \$1,330 |
| 39          | \$4,290  | \$3,978  | \$3,666 | \$3,354 | \$3,003 | \$2,652 | \$2,379 | \$2,028 | \$1,638 | \$1,365 |
| 40          | \$4,400  | \$4,080  | \$3,760 | \$3,440 | \$3,080 | \$2,720 | \$2,440 | \$2,080 | \$1,680 | \$1,400 |
| 41          | \$4,510  | \$4,182  | \$3,854 | \$3,526 | \$3,157 | \$2,788 | \$2,501 | \$2,132 | \$1,722 | \$1,435 |
| 42          | \$4,620  | \$4,284  | \$3,948 | \$3,612 | \$3,234 | \$2,856 | \$2,562 | \$2,184 | \$1,764 | \$1,470 |
| 43          | \$4,730  | \$4,386  | \$4,042 | \$3,698 | \$3,311 | \$2,924 | \$2,623 | \$2,236 | \$1,806 | \$1,505 |
| 44          | \$4,840  | \$4,488  | \$4,136 | \$3,784 | \$3,388 | \$2,992 | \$2,684 | \$2,288 | \$1,848 | \$1,540 |
| 45          | \$4,950  | \$4,590  | \$4,230 | \$3,870 | \$3,465 | \$3,060 | \$2,745 | \$2,340 | \$1,890 | \$1,575 |
| 46          | \$5,060  | \$4,692  | \$4,324 | \$3,956 | \$3,542 | \$3,128 | \$2,806 | \$2,392 | \$1,932 | \$1,610 |
| 47          | \$5,170  | \$4,794  | \$4,418 | \$4,042 | \$3,619 | \$3,196 | \$2,867 | \$2,444 | \$1,974 | \$1,645 |
| 48          | \$5,280  | \$4,896  | \$4,512 | \$4,128 | \$3,696 | \$3,264 | \$2,928 | \$2,496 | \$2,016 | \$1,680 |
| 49          | \$5,390  | \$4,998  | \$4,606 | \$4,214 | \$3,773 | \$3,332 | \$2,989 | \$2,548 | \$2,058 | \$1,715 |
| 50          | \$5,500  | \$5,100  | \$4,700 | \$4,300 | \$3,850 | \$3,400 | \$3,050 | \$2,600 | \$2,100 | \$1,750 |
| 51          | \$5,610  | \$5,202  | \$4,794 | \$4,386 | \$3,927 | \$3,468 | \$3,111 | \$2,652 | \$2,142 | \$1,785 |
| 52          | \$5,720  | \$5,304  | \$4,888 | \$4,472 | \$4,004 | \$3,536 | \$3,172 | \$2,704 | \$2,184 | \$1,820 |
| 53          | \$5,830  | \$5,406  | \$4,982 | \$4,558 | \$4,081 | \$3,604 | \$3,233 | \$2,756 | \$2,226 | \$1,855 |
| 54          | \$5,940  | \$5,508  | \$5,076 | \$4,644 | \$4,158 | \$3,672 | \$3,294 | \$2,808 | \$2,268 | \$1,890 |
| 55          | \$6,050  | \$5,610  | \$5,170 | \$4,730 | \$4,235 | \$3,740 | \$3,355 | \$2,860 | \$2,310 | \$1,925 |
| 56          | \$6,160  | \$5,712  | \$5,264 | \$4,816 | \$4,312 | \$3,808 | \$3,416 | \$2,912 | \$2,352 | \$1,960 |
| 57          | \$6,270  | \$5,814  | \$5,358 | \$4,902 | \$4,389 | \$3,876 | \$3,477 | \$2,964 | \$2,394 | \$1,995 |
| 58          | \$6,380  | \$5,916  | \$5,452 | \$4,988 | \$4,466 | \$3,944 | \$3,538 | \$3,016 | \$2,436 | \$2,030 |
| 59          | \$6,490  | \$6,018  | \$5,546 | \$5,074 | \$4,543 | \$4,012 | \$3,599 | \$3,068 | \$2,478 | \$2,065 |
| 60          | \$6,600  | \$6,120  | \$5,640 | \$5,160 | \$4,620 | \$4,080 | \$3,660 | \$3,120 | \$2,520 | \$2,100 |
| Over 60 ft  | \$110/ft | \$102/ft | \$94/ft | \$86/ft | \$77/ft | \$68/ft | \$61/ft | \$52/ft | \$42/ft | \$35/ft |

2024 Transient Rates

| Boat Length | A       | B       | C       | D       | E       | F       | G       | H       | I       | J       |
|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 25          | \$19    | \$22    | \$27    | \$31    | \$34    | \$37    | \$40    | \$44    | \$48    | \$52    |
| 26          | \$20    | \$23    | \$28    | \$32    | \$35    | \$38    | \$42    | \$46    | \$49    | \$54    |
| 27          | \$21    | \$24    | \$29    | \$33    | \$37    | \$40    | \$43    | \$47    | \$51    | \$56    |
| 28          | \$21    | \$25    | \$30    | \$35    | \$38    | \$41    | \$45    | \$49    | \$53    | \$58    |
| 29          | \$22    | \$26    | \$31    | \$36    | \$39    | \$43    | \$46    | \$51    | \$55    | \$60    |
| 30          | \$23    | \$27    | \$32    | \$37    | \$41    | \$44    | \$48    | \$53    | \$57    | \$62    |
| 31          | \$24    | \$28    | \$33    | \$38    | \$42    | \$46    | \$50    | \$54    | \$59    | \$64    |
| 32          | \$24    | \$29    | \$34    | \$40    | \$44    | \$47    | \$51    | \$56    | \$61    | \$66    |
| 33          | \$25    | \$30    | \$35    | \$41    | \$45    | \$49    | \$53    | \$58    | \$63    | \$68    |
| 34          | \$26    | \$31    | \$36    | \$42    | \$46    | \$50    | \$54    | \$60    | \$65    | \$70    |
| 35          | \$27    | \$32    | \$37    | \$43    | \$48    | \$52    | \$56    | \$61    | \$67    | \$72    |
| 36          | \$27    | \$32    | \$38    | \$45    | \$49    | \$53    | \$58    | \$63    | \$68    | \$74    |
| 37          | \$28    | \$33    | \$39    | \$46    | \$50    | \$55    | \$59    | \$65    | \$70    | \$76    |
| 38          | \$29    | \$34    | \$40    | \$47    | \$52    | \$56    | \$61    | \$67    | \$72    | \$78    |
| 39          | \$30    | \$35    | \$41    | \$48    | \$53    | \$58    | \$62    | \$68    | \$74    | \$80    |
| 40          | \$30    | \$36    | \$42    | \$50    | \$54    | \$59    | \$64    | \$70    | \$76    | \$82    |
| 41          | \$31    | \$37    | \$43    | \$51    | \$56    | \$61    | \$66    | \$72    | \$78    | \$84    |
| 42          | \$32    | \$38    | \$45    | \$52    | \$57    | \$62    | \$67    | \$74    | \$80    | \$87    |
| 43          | \$33    | \$38    | \$46    | \$53    | \$58    | \$64    | \$69    | \$76    | \$82    | \$89    |
| 44          | \$33    | \$40    | \$47    | \$55    | \$60    | \$65    | \$70    | \$77    | \$84    | \$91    |
| 45          | \$34    | \$41    | \$48    | \$56    | \$61    | \$67    | \$72    | \$79    | \$86    | \$93    |
| 46          | \$35    | \$41    | \$49    | \$57    | \$63    | \$68    | \$74    | \$81    | \$87    | \$95    |
| 47          | \$36    | \$42    | \$50    | \$58    | \$64    | \$70    | \$75    | \$83    | \$89    | \$97    |
| 48          | \$36    | \$43    | \$51    | \$60    | \$65    | \$71    | \$77    | \$84    | \$91    | \$99    |
| 49          | \$37    | \$44    | \$52    | \$61    | \$67    | \$73    | \$78    | \$86    | \$93    | \$101   |
| 50          | \$38    | \$45    | \$53    | \$62    | \$68    | \$74    | \$80    | \$88    | \$95    | \$103   |
| 51          | \$39    | \$46    | \$54    | \$63    | \$69    | \$75    | \$82    | \$89    | \$97    | \$105   |
| 52          | \$40    | \$47    | \$55    | \$64    | \$71    | \$77    | \$83    | \$91    | \$99    | \$107   |
| 53          | \$40    | \$48    | \$56    | \$66    | \$72    | \$78    | \$85    | \$93    | \$101   | \$109   |
| 54          | \$41    | \$49    | \$57    | \$67    | \$73    | \$80    | \$86    | \$95    | \$103   | \$111   |
| 55          | \$42    | \$50    | \$58    | \$68    | \$75    | \$81    | \$88    | \$96    | \$105   | \$113   |
| 56          | \$43    | \$50    | \$59    | \$69    | \$76    | \$83    | \$90    | \$98    | \$106   | \$115   |
| 57          | \$43    | \$51    | \$60    | \$71    | \$78    | \$84    | \$91    | \$100   | \$108   | \$117   |
| 58          | \$44    | \$52    | \$61    | \$72    | \$79    | \$86    | \$93    | \$102   | \$110   | \$119   |
| 59          | \$45    | \$53    | \$63    | \$73    | \$80    | \$87    | \$94    | \$103   | \$112   | \$122   |
| 60          | \$46    | \$54    | \$64    | \$74    | \$82    | \$89    | \$96    | \$105   | \$114   | \$124   |
| 61          | \$46    | \$55    | \$65    | \$76    | \$83    | \$90    | \$98    | \$107   | \$116   | \$126   |
| 62          | \$47    | \$56    | \$66    | \$77    | \$84    | \$92    | \$99    | \$109   | \$118   | \$128   |
| 63          | \$48    | \$57    | \$67    | \$78    | \$86    | \$93    | \$101   | \$110   | \$120   | \$130   |
| 64          | \$49    | \$58    | \$68    | \$79    | \$87    | \$95    | \$102   | \$112   | \$122   | \$132   |
| 65          | \$49    | \$59    | \$69    | \$81    | \$88    | \$96    | \$104   | \$114   | \$124   | \$134   |
| 66          | \$50    | \$59    | \$70    | \$82    | \$90    | \$98    | \$106   | \$116   | \$126   | \$136   |
| 67          | \$51    | \$60    | \$71    | \$83    | \$91    | \$99    | \$107   | \$118   | \$127   | \$138   |
| 68          | \$52    | \$61    | \$72    | \$84    | \$92    | \$101   | \$109   | \$119   | \$129   | \$140   |
| 69          | \$52    | \$62    | \$73    | \$86    | \$94    | \$102   | \$110   | \$121   | \$131   | \$142   |
| 70          | \$53    | \$63    | \$74    | \$87    | \$95    | \$104   | \$112   | \$123   | \$133   | \$144   |
| 71          | \$54    | \$64    | \$75    | \$88    | \$97    | \$105   | \$114   | \$124   | \$135   | \$146   |
| 72          | \$55    | \$65    | \$76    | \$89    | \$98    | \$107   | \$115   | \$126   | \$137   | \$148   |
| 73          | \$55    | \$66    | \$77    | \$91    | \$99    | \$108   | \$117   | \$128   | \$139   | \$150   |
| 74          | \$56    | \$67    | \$78    | \$92    | \$101   | \$110   | \$118   | \$130   | \$141   | \$152   |
| 75ft plus   | 0.76/ft | 0.90/ft | 1.06/ft | 1.24/ft | 1.36/ft | 1.48/ft | 1.60/ft | 1.75/ft | 1.90/ft | 2.06/ft |