

## Bowers & Saha Aquaculture, LLC - Boca Chica Farm Monthly Production and Aquifer Monitoring Report

Report Period: December 2025  
 Start of Rolling Evaluation Period: December 2024  
 Permit Year: 2025

### Evaluation of Cumulative Groundwater Production in Permit Year

| Cumulative Produced Groundwater - Year to Date (Ac-Ft): | Aggregate Volume of Groundwater Production Authorized for All Wells (Ac-Ft): | Aggregate Volume of Groundwater Production Authorized for Wells Producing from the Lower Fresh Zone (Ac-Ft): | Is the cumulative groundwater production (PGW-YTD-AF) for the well field less than the aggregate volume of groundwater production <u>authorized</u> by the District under production permits associated with water wells within the well field? | Is the cumulative groundwater production (PGW-YTD-AF) from wells producing from the Lower Fresh Zone less than the aggregate volume of groundwater production <u>authorized</u> by the District for wells producing from the Lower Fresh Zone? |
|---|--|--|---|--|
| 1,587   | 5,884  | 5,296  | YES   | YES  |

### Aquifer Monitoring Performance Criteria

| Aquifer Monitoring Site | Groundwater Zone       | DAMW - Designated Aquifer Monitoring Well | Maximum Water Level Change from Initial Condition during Reporting Period (ft) | Maximum Allowable Conductivity Condition during reporting period (µS/cm) |
|-------------------------|------------------------|---|--|--|
| West                    | Lower Fresh (FMW-1)    | West - Lower Fresh (FMW-1)                | -50.00   | 3,000  |
| Center                  | Lower Fresh (FMW-2)    | Center - Lower Fresh (FMW-2)              | -50.00   | 3,000  |
| East                    | Lower Fresh (FMW-3)    | East - Lower Fresh (FMW-3)                | -50.00   | 3,000  |
| West                    | Upper Brackish (BMW-1) | West - Upper Brackish (BMW-1)             | -20.00   | 33,000   |
| Center                  | Upper Brackish (BMW-2) | Center - Upper Brackish (BMW-2)           | -20.00   | 33,000   |
| East                    | Upper Brackish (BMW-3) | East - Upper Brackish (BMW-3)             | -20.00   | 33,000   |

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### Intial Aquifer Monitoring Conditions

| Aquifer Monitoring Site | Groundwater Zone       | DAMW - Designated Aquifer Monitoring Well | AVG-WL: Average Water Level (FtBS) | AVG-COND: Average Conductivity (µS/cm) |
|-------------------------|------------------------|---|------------------------------------|--|
| West                    | Lower Fresh (FMW-1)    | West - Lower Fresh (FMW-1)                | 42.70                              | 769                                    |
| Center                  | Lower Fresh (FMW-2)    | Center - Lower Fresh (FMW-2)              | 45.90                              | 727                                    |
| East                    | Lower Fresh (FMW-3)    | East - Lower Fresh (FMW-3)                | 48.30                              | 1,898                                  |
| West                    | Upper Brackish (BMW-1) | West - Upper Brackish (BMW-1)             | 14.10                              | 24,056                                 |
| Center                  | Upper Brackish (BMW-2) | Center - Upper Brackish (BMW-2)           | 15.60                              | 9,310                                  |
| East                    | Upper Brackish (BMW-3) | East - Upper Brackish (BMW-3)             | 15.00                              | 10,261                                 |

### Performance Evaluation of Water Levels during Reporting Period

| Aquifer Monitoring Site | Groundwater Zone       | DAMW - Designated Aquifer Monitoring Well | AVG-WL: Reporting Period Water Level Condition (FtBS) | AVG-WL-DIFF: Change from Initial Water Level Condition and Rolling Evaluation Period Water Level Condition (ft) | Is the criteria for maximum water level change during the reporting period satisfied? |
|-------------------------|------------------------|---|---|---|---|
| West                    | Lower Fresh (FMW-1)    | West - Lower Fresh (FMW-1)                | 60.54   | -17.84  | YES   |
| Center                  | Lower Fresh (FMW-2)    | Center - Lower Fresh (FMW-2)              | 66.79   | -20.89  | YES   |
| East                    | Lower Fresh (FMW-3)    | East - Lower Fresh (FMW-3)                | 71.06   | -22.76  | YES   |
| West                    | Upper Brackish (BMW-1) | West - Upper Brackish (BMW-1)             | 16.57   | -2.47   | YES   |
| Center                  | Upper Brackish (BMW-2) | Center - Upper Brackish (BMW-2)           | 16.54   | -0.94   | YES   |
| East                    | Upper Brackish (BMW-3) | East - Upper Brackish (BMW-3)             | 16.66   | -1.66   | YES   |

## Bowers & Saha Aquaculture, LLC - Boca Chica Farm Monthly Production and Aquifer Monitoring Report

Report Period: December 2025  
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 Permit Year: 2025

### Performance Evaluation of Water Conductivity during Reporting Period

| Aquifer Monitoring Site | Groundwater Zone       | DAMW - Designated Aquifer Monitoring Well | AVG-COND: Rolling Evaluation Period Conductivity Condition (µS/cm) | AVG-COND-DIFF: Change from Initial Conductivity Condition and Rolling Evaluation Period Conductivity Condition (µS/cm) | Is the criteria for maximum allowable conductivity during the reporting period satisfied? |
|-------------------------|------------------------|---|--|--|---|
| West                    | Lower Fresh (FMW-1)    | West - Lower Fresh (FMW-1)                | 761  | 8  | YES   |
| Center                  | Lower Fresh (FMW-2)    | Center - Lower Fresh (FMW-2)              | 648  | 79   | YES   |
| East                    | Lower Fresh (FMW-3)    | East - Lower Fresh (FMW-3)                | 1,310  | 587  | YES   |
| West                    | Upper Brackish (BMW-1) | West - Upper Brackish (BMW-1)             | 20,028   | 4,028  | YES   |
| Center                  | Upper Brackish (BMW-2) | Center - Upper Brackish (BMW-2)           | 10,983   | (1,673)  | YES   |
| East                    | Upper Brackish (BMW-3) | East - Upper Brackish (BMW-3)             | 10,704   | (444)  | YES   |

I certify that this report was prepared under my direction or supervision; the information submitted is, to the best of my knowledge and belief, true, accurate and complete. Further, I certify that I am the well owner or I am authorized to act as the agent of the well owner.

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_

**Produced Groundwater (Gallons) - Lower Fresh Zone**

| Report Period                              | PGW - IW-1        | PGW - IW-2         | PGW - IW-3         | Total              |
|--|-------------------|--------------------|--------------------|--------------------|
| 01-2025                                    | 18,696,679        | 25,739,622         | 21,364,747         | 65,801,048         |
| 02-2025                                    | 6,099,931         | 32,836,657         | 31,480,465         | 70,417,053         |
| 03-2025                                    | 0                 | 6,557,426          | 6,479,221          | 13,036,647         |
| 04-2025                                    | 0                 | 9,933,568          | 7,773,176          | 17,706,744         |
| 05-2025                                    | 0                 | 26,068             | 111,767            | 137,835            |
| 06-2025                                    | 0                 | 12,317,820         | 11,801,346         | 24,119,166         |
| 07-2025                                    | 326               | 6,914,884          | 15,892,405         | 22,807,615         |
| 08-2025                                    | 11,406,740        | 11,775,603         | 28,006,893         | 51,189,236         |
| 09-2025                                    | 0                 | 14,223,722         | 3,284,904          | 17,508,626         |
| 10-2025                                    | 0                 | 48,237,353         | 36,589,157         | 84,826,510         |
| 11-2025                                    | 11,786,357        | 15,297,075         | 13,004,713         | 40,088,145         |
| 12-2025                                    | 0                 | 0                  | 326                | 326                |
| <b>Reporting Period Total (Gallons):</b>   | <b>47,990,033</b> | <b>183,859,798</b> | <b>175,789,120</b> | <b>407,638,951</b> |
| <b>Reporting Period Total (Acre-Feet):</b> | 147               | 564                | 539                | 1,251              |

**Produced Groundwater (Gallons) - Upper Brackish Zone**

| Report Period                              | PGW - BW-1       | PGW - BW-2 | PGW - BW-3       | PGW - BW-4       | Total             |
|--|------------------|------------|------------------|------------------|-------------------|
| 01-2025                                    | 1,349,903        | 0          | 1,126,084        | 848,250          | 3,324,237         |
| 02-2025                                    | 432,701          | 0          | 755,188          | 0                | 1,187,889         |
| 03-2025                                    | 583,540          | 0          | 692,981          | 0                | 1,276,521         |
| 04-2025                                    | 87,007           | 0          | 1,149,846        | 0                | 1,236,853         |
| 05-2025                                    | 771,876          | 0          | 949,560          | 0                | 1,721,436         |
| 06-2025                                    | 1,359            | 0          | 93               | 0                | 1,452             |
| 07-2025                                    | 415,569          | 0          | 17               | 0                | 415,586           |
| 08-2025                                    | 1,243,605        | 0          | 54,929           | 0                | 1,298,534         |
| 09-2025                                    | 525,407          | 0          | 56,265           | 0                | 581,672           |
| 10-2025                                    | 26,517           | 0          | 96,105           | 681,318          | 803,940           |
| 11-2025                                    | 3,103,225        | 0          | 0                | 0                | 3,103,225         |
| 12-2025                                    | 0                | 0          | 0                | 0                | 0                 |
| <b>Reporting Period Total (Gallons):</b>   | <b>8,540,709</b> | <b>0</b>   | <b>4,881,068</b> | <b>1,529,568</b> | <b>14,951,345</b> |
| <b>Reporting Period Total (Acre-Feet):</b> | 26               | 0          | 15               | 5                | 46                |

**Produced Groundwater (Gallons) - Upper Brackish Zone**

| Report Period                              | PGW - BW-5        | PGW - BW-6       | PGW - BW-7       | PGW - BW-8        | Total             |
|--|-------------------|------------------|------------------|-------------------|-------------------|
| 01-2025                                    | 936,659           | 1,907,374        | 1,568,152        | 2,590,746         | 7,002,931         |
| 02-2025                                    | 841,779           | 678,502          | 497,740          | 824,809           | 2,842,830         |
| 03-2025                                    | 675,546           | 116,121          | 265,268          | 641,819           | 1,698,754         |
| 04-2025                                    | 588,471           | 0                | 119,110          | 200,692           | 908,273           |
| 05-2025                                    | 1,945,568         | 1,125,109        | 2,378            | 1,991,109         | 5,064,164         |
| 06-2025                                    | 6,965             | 0                | 0                | 191               | 7,156             |
| 07-2025                                    | 1,302             | 0                | 0                | 130               | 1,432             |
| 08-2025                                    | 0                 | 0                | 823,852          | 1,337,607         | 2,161,459         |
| 09-2025                                    | 1,816,429         | 0                | 230,883          | 504,093           | 2,551,405         |
| 10-2025                                    | 3,076,533         | 0                | 1,390,727        | 3,026,780         | 7,494,040         |
| 11-2025                                    | 1,209,049         | 0                | 1,930,839        | 4,543,490         | 7,683,378         |
| 12-2025                                    | 0                 | 0                | 61               | 0                 | 61                |
| <b>Reporting Period Total (Gallons):</b>   | <b>11,098,301</b> | <b>3,827,106</b> | <b>6,829,010</b> | <b>15,661,466</b> | <b>37,415,883</b> |
| <b>Reporting Period Total (Acre-Feet):</b> | 34                | 12               | 21               | 48                | 115               |

**Produced Groundwater (Gallons) - Upper Brackish Zone**

| Report Period                              | PGW - BW-9       | PGW - BW-10    | PGW - BW-11      | PGW - BW-12       | Total             |
|--|------------------|----------------|------------------|-------------------|-------------------|
| 01-2025                                    | 887,685          | 786,895        | 2,159,362        | 3,802,355         | 7,636,297         |
| 02-2025                                    | 0                | 1              | 691,550          | 2,376,757         | 3,068,308         |
| 03-2025                                    | 0                | 1,638          | 409,757          | 61,260            | 472,655           |
| 04-2025                                    | 0                | 0              | 171,193          | 978,205           | 1,149,398         |
| 05-2025                                    | 2,796            | 0              | 1,610,713        | 3,123,934         | 4,737,443         |
| 06-2025                                    | 0                | 0              | 0                | 0                 | 0                 |
| 07-2025                                    | 0                | 240            | 0                | 0                 | 240               |
| 08-2025                                    | 0                | 0              | 0                | 2,689,248         | 2,689,248         |
| 09-2025                                    | 0                | 0              | 243,875          | 40,080            | 283,955           |
| 10-2025                                    | 297,809          | 56,764         | 750,303          | 0                 | 1,104,876         |
| 11-2025                                    | 0                | 0              | 3,961,540        | 0                 | 3,961,540         |
| 12-2025                                    | 0                | 800            | 1,174            | 0                 | 1,974             |
| <b>Reporting Period Total (Gallons):</b>   | <b>1,188,290</b> | <b>846,338</b> | <b>9,999,467</b> | <b>13,071,839</b> | <b>25,105,934</b> |
| <b>Reporting Period Total (Acre-Feet):</b> | 4                | 3              | 31               | 40                | 77                |

**Produced Groundwater (Gallons) - Upper Brackish Zone**

| Report Period                              | PGW - BW-13 | PGW - BW-14   | PGW - BW-15      | PGW - BW-16       | Total             |
|--|-------------|---------------|------------------|-------------------|-------------------|
| 01-2025                                    | 0           | 0             | 3,399,278        | 4,544,970         | 7,944,248         |
| 02-2025                                    | 0           | 73,968        | 2,160,066        | 2,512,637         | 4,746,671         |
| 03-2025                                    | 0           | 0             | 0                | 0                 | 0                 |
| 04-2025                                    | 0           | 1,955         | 718,176          | 978,531           | 1,698,662         |
| 05-2025                                    | 0           | 0             | 3,000,436        | 4,238,018         | 7,238,454         |
| 06-2025                                    | 0           | 0             | 0                | 0                 | 0                 |
| 07-2025                                    | 0           | 0             | 0                | 0                 | 0                 |
| 08-2025                                    | 0           | 326           | 0                | 3,595,114         | 3,595,440         |
| 09-2025                                    | 0           | 0             | 0                | 54,091            | 54,091            |
| 10-2025                                    | 0           | 652           | 0                | 0                 | 652               |
| 11-2025                                    | 0           | 0             | 628,892          | 1,291,999         | 1,920,891         |
| 12-2025                                    | 0           | 326           | 0                | 4,895,585         | 4,895,911         |
| <b>Reporting Period Total (Gallons):</b>   | <b>0</b>    | <b>77,227</b> | <b>9,906,848</b> | <b>22,110,945</b> | <b>32,095,020</b> |
| <b>Reporting Period Total (Acre-Feet):</b> | <b>0</b>    | <b>0</b>      | <b>30</b>        | <b>68</b>         | <b>98</b>         |

**Produced Groundwater (Gallons) - Upper Brackish Zone**

| Report Period                              | PGW - BW-17 | PGW - BW-18 | Total    |
|--|-------------|-------------|----------|
| 01-2025                                    | 0           | 0           | 0        |
| 02-2025                                    | 0           | 0           | 0        |
| 03-2025                                    | 0           | 0           | 0        |
| 04-2025                                    | 0           | 0           | 0        |
| 05-2025                                    | 0           | 0           | 0        |
| 06-2025                                    | 0           | 0           | 0        |
| 07-2025                                    | 0           | 0           | 0        |
| 08-2025                                    | 0           | 0           | 0        |
| 09-2025                                    | 0           | 0           | 0        |
| 10-2025                                    | 0           | 0           | 0        |
| 11-2025                                    | 0           | 0           | 0        |
| 12-2025                                    | 0           | 0           | 0        |
| <b>Reporting Period Total (Gallons):</b>   | <b>0</b>    | <b>0</b>    | <b>0</b> |
| <b>Reporting Period Total (Acre-Feet):</b> | <b>0</b>    | <b>0</b>    | <b>0</b> |

**Reporting Period UB Grand Total (Gallons):** 109,568,182  
**Reporting Period UB Grand Total (Acre-Feet):** 336  
**Reporting Period Cummulative Total (Acre-Feet):** 1,587

**Average Water Level (FtBS) - Lower Fresh Zone**

| Report Period       | AVG-WL - FMW-1 | AVG-WL - FMW-2 | AVG-WL - FMW-3 | AVG-WL - Average |
|---------------------|----------------|----------------|----------------|------------------|
| 01-2025             | 62.5           | 66.4           | 68.9           | 65.9             |
| 02-2025             | 64.4           | 75.6           | 81.4           | 73.8             |
| 03-2025             | 59.1           | 61.6           | 68.0           | 62.9             |
| 04-2025             | 54.2           | 58.8           | 64.9           | 59.3             |
| 05-2025             | 52.9           | 61.5           | 57.7           | 57.3             |
| 06-2025             | 53.1           | 55.2           | 56.4           | 54.9             |
| 07-2025             | 56.2           | 61.2           | 64.2           | 60.5             |
| 08-2025             | 63.1           | 67.1           | 73.8           | 68.0             |
| 09-2025             | 64.6           | 74.3           | 79.4           | 72.8             |
| 10-2025             | 69.9           | 83.7           | 94.1           | 82.6             |
| 11-2025             | 66.0           | 72.2           | 77.0           | 71.7             |
| 12-2025             | 60.6           | 64.0           | 67.0           |                  |
| <b>REP Average:</b> | <b>60.5</b>    | <b>66.8</b>    | <b>71.1</b>    |                  |

**Average Water Level (FtBS) - Upper Brackish Zone**

| Report Period       | AVG-WL - BMW-1 | AVG-WL - BMW-2 | AVG-WL - BMW-3 | AVG-WL - Average |
|---------------------|----------------|----------------|----------------|------------------|
| 01-2025             | 20.9           | 17.8           | 17.9           | 18.9             |
| 02-2025             | 17.2           | 17.8           | 17.5           | 17.5             |
| 03-2025             | 16.8           | 15.8           | 15.9           | 16.1             |
| 04-2025             | 14.5           | 16.1           | 16.7           | 15.7             |
| 05-2025             | 17.0           | 17.1           | 17.0           | 17.0             |
| 06-2025             | 15.1           | 15.6           | 17.8           | 16.2             |
| 07-2025             | 14.3           | 16.0           | 15.0           | 15.1             |
| 08-2025             | 17.9           | 16.3           | 16.5           | 16.9             |
| 09-2025             | 14.3           | 16.7           | 15.8           | 15.6             |
| 10-2025             | 19.4           | 15.8           | 15.5           | 16.9             |
| 11-2025             | 17.6           | 18.0           | 17.8           | 17.8             |
| 12-2025             | 14.0           | 15.5           | 16.7           |                  |
| <b>REP Average:</b> | <b>16.6</b>    | <b>16.5</b>    | <b>16.7</b>    |                  |

**Average Conductivity (µS/cm) - Lower Fresh Zone**

| Period              | AVG-COND - FMW-1 | AVG-COND - FMW-2 | AVG-COND - FMW-3 | AVG-COND - Average |
|---------------------|------------------|------------------|------------------|--------------------|
| 01-2025             | 763              | 651              | 1,644            | 1,019              |
| 02-2025             | 763              | 643              | 1,201            | 869                |
| 03-2025             | 763              | 637              | 1,231            | 877                |
| 04-2025             | 764              | 621              | 1,212            | 866                |
| 05-2025             | 729              | 610              | 1,326            | 888                |
| 06-2025             | 764              | 607              | 1,438            | 936                |
| 07-2025             | 764              | 663              | 1,225            | 884                |
| 08-2025             | 764              | 675              | 1,244            | 894                |
| 09-2025             | 764              | 671              | 1,303            | 913                |
| 10-2025             | 764              | 667              | 1,249            | 893                |
| 11-2025             | 764              | 664              | 1,240            | 889                |
| 12-2025             | 765              | 662              | 1,410            |                    |
| <b>REP Average:</b> | <b>761</b>       | <b>648</b>       | <b>1,310</b>     |                    |

**Average Conductivity (µS/cm) - Upper Brackish Zone**

| AVG-COND - Period   | AVG-COND - BMW-1 | AVG-COND - BMW-2 | AVG-COND - BMW-3 | AVG-COND - Average |
|---------------------|------------------|------------------|------------------|--------------------|
| 01-2025             | 20564            | 12344            | 10365            | 14424              |
| 02-2025             | 20434            | 12343            | 10638            | 14472              |
| 03-2025             | 20412            | 11481            | 10869            | 14254              |
| 04-2025             | 20294            | 11545            | 11258            | 14366              |
| 05-2025             | 19608            | 11116            | 11100            | 13941              |
| 06-2025             | 20199            | 11490            | 10639            | 14109              |
| 07-2025             | 20062            | 10441            | 10842            | 13782              |
| 08-2025             | 20086            | 10139            | 10555            | 13593              |
| 09-2025             | 20062            | 11153            | 10842            | 14019              |
| 10-2025             | 20129            | 9518             | 10450            | 13366              |
| 11-2025             | 19442            | 9270             | 10435            | 13049              |
| 12-2025             | 19040            | 10954            | 10457            |                    |
| <b>REP Average:</b> | <b>20028</b>     | <b>10983</b>     | <b>10704</b>     |                    |