**Behavioral Observations Reference**

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| Area: | Zone: |
| Regional location of fish  A or B (circle one)  Top View of Fish Tank | **Depth of fish**  **Circle one**   |  | | --- | | Upper Zone | | Intermediate Zone | | Lower Zone |   **Front View of Aquaria** |
| Visible or Secluded: | **Appetite/Feeding:** |
| Is the fish actively swimming in open view or does it seem to be seeking refuge by an object in the aquaria (pump/filter)? | **Is the fish eating?  Is the fish eating more than other fish in the tank? What is the fish eating?** |
| Social or Isolated: | **Body Condition:** |
| Is the fish neighboring other fish?   Description and Identification of neighboring fish? Number of neighboring fish? | **Are any scales missing? Are the fins intact with no marks?** |
| Swimming or Immobile: | Comments: |
| Is the fish sitting stationary in the tank or is it actively moving throughout the tank? |

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| Rate of Respiration |
| Count how many times the fish opens and closes its operculum in 15 seconds.  *For example: Respiration rate = number of breaths in one minute*  *# of breaths in 15 seconds x 4 = Respiration rate*  *30 x 4 = 120*  *High respiration rate can result from*  *• Rapid movement*  *• Food was recently consumed*  *• Low dissolved oxygen* |