

Appendix D6.1\_Abundance of Fish Species Recorded (Eastern Tributary)

Notes:

- 1 This table shows the abundance record of each species at the corresponding monitoring stations and survey methods.
- 2 Each row indicates one time of record out of 12 times of survey for RP stations and 6 times of survey for PW stations.
- 3 If no data is shown under a monitoring station, the species was not encountered at that station during the monitoring period.

| Species Name                                       | Monitoring Stations   |   |   |     |    |   |                         |   |   |     |   |   |     |   |   |     |   |   |     |   |   |
|----------------------------------------------------|-----------------------|---|---|-----|----|---|-------------------------|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|
|                                                    | River Park Study Area |   |   |     |    |   | Public Works Study Area |   |   |     |   |   |     |   |   |     |   |   |     |   |   |
|                                                    | RP1                   |   |   | RP2 |    |   | RP3                     |   |   | RP4 |   |   | PW1 |   |   | PW2 |   |   | PW3 |   |   |
|                                                    | O                     | C | K | O   | C  | K | O                       | C | K | O   | C | K | O   | C | K | O   | C | K | O   | C | K |
| <i>Acanthopagrus latus</i>                         |                       |   |   |     |    |   |                         |   |   | +   |   |   |     |   |   |     |   |   | ++  |   |   |
|                                                    |                       |   |   |     |    |   |                         |   |   | +   |   |   |     |   |   |     |   |   | +++ |   |   |
|                                                    |                       |   |   |     |    |   |                         |   |   | ++  |   |   |     |   |   |     |   |   | +   |   |   |
|                                                    |                       |   |   |     |    |   |                         |   |   | +   |   |   |     |   |   |     |   |   | +   |   |   |
|                                                    |                       |   |   |     |    |   |                         |   |   | ++  |   |   |     |   |   |     |   |   | ++  |   |   |
|                                                    |                       |   |   |     |    |   |                         |   |   | +   |   |   |     |   |   |     |   |   | +   |   |   |
|                                                    |                       |   |   |     |    |   |                         |   |   | ++  |   |   |     |   |   |     |   |   | +   |   |   |
|                                                    |                       |   |   |     |    |   |                         |   |   | +   |   |   |     |   |   |     |   |   | +   |   |   |
|                                                    |                       |   |   |     |    |   |                         |   |   | ++  |   |   |     |   |   |     |   |   | ++  |   |   |
|                                                    |                       |   |   |     |    |   |                         |   |   | +   |   |   |     |   |   |     |   |   | +   |   |   |
| <i>Acrossocheilus beijiangensis</i> <sup>(1)</sup> | +                     | 4 |   | +   | 2  |   |                         |   |   | +   |   |   | ++  | 6 |   |     |   |   |     |   |   |
|                                                    | +                     | 3 |   | +   | 1  |   |                         |   |   | +   | 2 |   | ++  | 1 |   |     |   |   |     |   |   |
|                                                    | +                     | 2 |   | ++  |    |   |                         |   |   | +   |   |   | +   | 4 |   |     |   |   |     |   |   |
|                                                    | ++                    | 2 |   | +   |    |   |                         |   |   |     |   |   | ++  | 9 |   |     |   |   |     |   |   |
|                                                    | +                     |   |   | ++  |    |   |                         |   |   |     |   |   | ++  | 1 |   |     |   |   |     |   |   |
|                                                    | +                     |   |   | +   |    |   |                         |   |   |     |   |   |     |   |   |     |   |   |     |   |   |
|                                                    | ++                    | 2 |   | +   | 1  |   |                         |   |   |     |   |   |     |   |   |     |   |   |     |   |   |
| <i>Ambassis sp.</i>                                |                       |   |   |     |    |   |                         |   |   | +++ |   |   |     |   |   |     |   |   | +++ |   |   |
|                                                    |                       |   |   |     |    |   |                         |   |   | ++  |   |   |     |   |   |     |   |   |     |   |   |
|                                                    |                       |   |   |     |    |   |                         |   |   | +   |   |   |     |   |   |     |   |   |     |   |   |
| <i>Barbodes semifasciolatus</i>                    |                       | 3 |   |     | 8  |   |                         |   |   |     |   |   | ++  |   |   |     |   |   |     |   |   |
|                                                    | +                     |   |   |     | 4  |   |                         |   |   |     |   |   |     |   |   |     |   |   |     |   |   |
|                                                    |                       | 4 |   | +   | 1  |   |                         |   |   |     |   |   |     |   |   |     |   |   |     |   |   |
|                                                    |                       |   |   | ++  | 34 |   |                         |   |   |     |   |   |     |   |   |     |   |   |     |   |   |
|                                                    |                       |   |   |     | 2  |   |                         |   |   |     |   |   |     |   |   |     |   |   |     |   |   |
| <i>Coptodon zillii</i>                             |                       |   |   |     |    |   |                         |   |   | +   |   |   |     |   |   |     |   |   |     |   |   |
| <i>Eleotris melanosoma</i>                         |                       |   |   |     |    |   |                         |   |   |     |   |   |     |   |   |     |   |   |     |   | 1 |
| <i>Favonigobius reichei</i>                        |                       |   |   |     |    |   |                         |   |   |     |   |   |     |   |   |     |   |   |     |   | + |
| <i>Gambusia affinis</i>                            |                       |   |   |     |    |   | +                       |   |   | +   |   |   |     |   |   |     |   |   |     |   |   |
| <i>Gerres filamentosus</i>                         |                       |   |   |     |    |   | ++                      |   |   |     |   |   |     |   |   |     |   |   |     |   | + |
| <i>Gerres oyena</i>                                |                       |   |   |     |    |   |                         |   |   | ++  |   |   |     |   |   |     |   |   | +++ |   |   |
|                                                    |                       |   |   |     |    |   |                         |   |   | +   |   |   |     |   |   |     |   |   | +   |   |   |
|                                                    |                       |   |   |     |    |   |                         |   |   | ++  |   |   |     |   |   |     |   |   | +   |   |   |
|                                                    |                       |   |   |     |    |   |                         |   |   |     |   |   |     |   |   |     |   |   | +   |   |   |
| <i>Glossogobius giuris</i>                         |                       |   |   |     |    |   |                         |   |   | +   |   |   |     |   |   |     |   |   |     |   | 1 |
|                                                    |                       |   |   |     |    |   |                         |   |   | ++  |   |   |     |   |   |     |   |   |     |   |   |
|                                                    |                       |   |   |     |    |   |                         |   |   | +   |   |   |     |   |   |     |   |   |     |   |   |
|                                                    |                       |   |   |     |    |   |                         |   |   | +   |   |   |     |   |   |     |   |   |     |   |   |
|                                                    |                       |   |   |     |    |   |                         |   |   | +   |   |   |     |   |   |     |   |   |     |   |   |
|                                                    |                       |   |   |     |    |   |                         |   |   | ++  |   |   |     |   |   |     |   |   |     |   |   |
|                                                    |                       |   |   |     |    |   |                         |   |   | ++  |   |   |     |   |   |     |   |   |     |   |   |
|                                                    |                       |   |   |     |    |   |                         |   |   | +++ |   |   |     |   |   |     |   |   |     |   |   |
|                                                    |                       |   |   |     |    |   |                         |   |   | ++  |   |   |     |   |   |     |   |   |     |   |   |
|                                                    |                       |   |   |     |    |   |                         |   |   | ++  |   |   |     |   |   |     |   |   |     |   |   |
|                                                    |                       |   |   |     |    |   |                         |   |   | +   |   |   |     |   |   |     |   |   |     |   |   |
| <i>Hemichromis stellifer</i>                       |                       |   |   |     |    |   |                         |   |   | +   | 1 |   |     |   |   |     |   |   |     |   |   |
|                                                    |                       |   |   |     |    |   |                         |   |   | +   |   |   |     |   |   |     |   |   |     |   |   |
|                                                    |                       |   |   |     |    |   |                         |   |   | +   |   |   |     |   |   |     |   |   |     |   |   |
|                                                    |                       |   |   |     |    |   |                         |   |   | +   |   |   |     |   |   |     |   |   |     |   |   |
|                                                    |                       |   |   |     |    |   |                         |   |   | +   |   |   |     |   |   |     |   |   |     |   |   |

Sampling Method: O = Direct Observation, C = Baited Fish Cage, K = Kick Sampling

Relative Abundance: +: Uncommon, ++: Common, +++: Abundant

Note (1): *Acrossocheilus beijiangensis* is considered as species of conservation importance (Fellowes, 2002)

Appendix D6.1\_Abundance of Fish Species Recorded (Eastern Tributary)

| Species Name                             | Monitoring Stations   |    |     |     |     |   |                         |    |     |     |     |   |     |   |       |
|------------------------------------------|-----------------------|----|-----|-----|-----|---|-------------------------|----|-----|-----|-----|---|-----|---|-------|
|                                          | River Park Study Area |    |     |     |     |   | Public Works Study Area |    |     |     |     |   |     |   |       |
|                                          | RP1                   |    | RP2 |     | RP3 |   | RP4                     |    | PW1 |     | PW2 |   | PW3 |   |       |
|                                          | O                     | C  | K   | O   | C   | K | O                       | C  | K   | O   | C   | K | O   | C | K     |
| <i>Liniparhomaloptera disparis</i>       | +                     |    |     | +   |     |   |                         |    |     | +   |     |   |     |   |       |
|                                          | +                     |    |     | ++  |     |   |                         |    |     | +   |     | 1 |     |   |       |
|                                          | +                     |    |     | +   |     |   |                         |    |     |     |     |   |     |   |       |
|                                          | +                     |    |     | +   |     |   |                         |    |     |     |     |   |     |   |       |
|                                          | ++                    |    | 2   |     |     |   |                         |    |     |     |     |   |     |   |       |
|                                          | +                     |    | 2   |     |     |   |                         |    |     |     |     |   |     |   |       |
|                                          | ++                    |    |     |     |     |   |                         |    |     |     |     |   |     |   |       |
|                                          | +                     |    |     |     |     |   |                         |    |     |     |     |   |     |   |       |
| <i>Mugil cephalus</i>                    |                       |    |     |     |     |   | +                       |    |     |     |     |   |     |   | +++   |
|                                          |                       |    |     |     |     |   | +++                     |    |     |     |     |   |     |   | +++   |
|                                          |                       |    |     |     |     |   | ++                      |    |     |     |     |   |     |   | +++ 2 |
|                                          |                       |    |     |     |     |   | ++                      |    |     |     |     |   |     |   | +++   |
|                                          |                       |    |     |     |     |   | +++                     |    |     |     |     |   |     |   | +++   |
|                                          |                       |    |     |     |     |   | +++                     |    |     |     |     |   |     |   | +++   |
|                                          |                       |    |     |     |     |   | +++                     |    |     |     |     |   |     |   | ++    |
|                                          |                       |    |     |     |     |   | ++                      |    |     |     |     |   |     |   |       |
| <i>Family: Mugilidae</i>                 |                       |    |     |     |     |   | +++                     |    |     |     |     |   |     |   |       |
| <i>Oryzias curvinotus</i> <sup>(2)</sup> |                       |    |     |     |     |   | +++                     |    |     |     |     |   |     |   |       |
|                                          |                       |    |     |     |     |   | +++                     |    |     |     |     |   |     |   |       |
|                                          |                       |    |     |     |     |   | ++                      |    |     |     |     |   |     |   |       |
|                                          |                       |    |     |     |     |   | +++                     |    |     |     |     |   |     |   |       |
|                                          |                       |    |     |     |     |   | +++                     |    |     |     |     |   |     |   |       |
|                                          |                       |    |     |     |     |   | ++                      |    | 4   |     |     |   |     |   |       |
|                                          |                       |    |     |     |     |   | +++                     |    |     |     |     |   |     |   |       |
|                                          |                       |    |     |     |     |   | +++                     |    | 1   |     |     |   |     |   |       |
|                                          |                       |    |     |     |     |   | ++                      |    |     |     |     |   |     |   |       |
|                                          |                       |    |     |     |     |   | ++                      |    |     |     |     |   |     |   |       |
| <i>Parazacco spilurus</i> <sup>(3)</sup> | +++                   | 3  | 2   | +++ |     |   | +                       | 2  |     | +++ | 4   |   | +   | 3 |       |
|                                          | ++                    | 3  | 3   | +   | 3   |   |                         | ++ |     | ++  | 15  | 2 |     |   |       |
|                                          | ++                    | 3  |     | ++  | 4   |   |                         | ++ |     | +++ | 5   |   |     |   |       |
|                                          | ++                    | 4  | 2   | ++  | 6   |   |                         |    | 3   |     | 5   |   |     |   |       |
|                                          | ++                    |    | 2   | +++ | 2   |   |                         |    |     | +++ | 7   |   |     |   |       |
|                                          | +++                   | 5  |     | +++ | 16  |   |                         |    |     | +++ | 28  |   |     |   |       |
|                                          | ++                    | 9  |     | ++  |     |   |                         |    |     |     |     |   |     |   |       |
|                                          | ++                    | 12 | 2   | ++  | 7   |   |                         |    |     |     |     |   |     |   |       |
|                                          | +++                   | 25 | 1   | ++  | 6   |   |                         |    |     |     |     |   |     |   |       |
|                                          | ++                    | 13 |     | ++  | 5   |   |                         |    |     |     |     |   |     |   |       |
|                                          |                       | 7  |     | ++  |     |   |                         |    |     |     |     |   |     |   |       |
|                                          | +++                   | 3  |     |     |     |   |                         |    |     |     |     |   |     |   |       |
| <i>Periophthalmus modestus</i>           |                       |    |     |     |     |   |                         |    |     |     |     |   |     |   | +     |
|                                          |                       |    |     |     |     |   |                         |    |     |     |     |   |     |   | +     |
| <i>Pseudogastromyzon myersi</i>          | +                     |    |     | +   |     |   |                         |    |     | +   |     |   |     |   |       |
|                                          | +                     |    |     |     | 1   |   |                         |    |     | +   |     |   |     |   |       |
|                                          | +                     |    |     | +   |     |   |                         |    |     | +   |     |   |     |   |       |
|                                          | +                     |    |     |     | 1   |   |                         |    |     | +   |     |   |     |   |       |
|                                          | ++                    |    | 1   |     |     |   |                         |    |     | +   |     |   |     |   |       |
|                                          |                       | 1  |     |     |     |   |                         |    |     |     |     |   |     |   |       |
|                                          | +                     |    |     |     |     |   |                         |    |     |     |     |   |     |   |       |
|                                          | +                     |    | 1   |     |     |   |                         |    |     |     |     |   |     |   |       |
| <i>Pseudogobius javanicus</i>            |                       |    |     |     |     |   |                         |    |     |     |     |   |     |   | 4     |
|                                          |                       |    |     |     |     |   |                         |    |     |     |     |   |     |   | ++ 2  |
|                                          |                       |    |     |     |     |   |                         |    |     |     |     |   |     |   | +     |
|                                          |                       |    |     |     |     |   |                         |    |     |     |     |   |     |   | 2     |
|                                          |                       |    |     |     |     |   |                         |    |     |     |     |   |     |   | +     |
|                                          |                       |    |     |     |     |   |                         |    |     |     |     |   |     |   | +     |

Sampling Method: O = Direct Observation, C = Baited Fish Cage, K = Kick Sampling

Relative Abundance: +: Uncommon, ++: Common, +++: Abundant

Note (2): *Oryzias curvinotus* is considered as species of conservation importance (Fellowes, 2002)

(3): *Parazacco spilurus* is considered as species of conservation importance (Yue & Chen, 1998)

Appendix D6.1\_Abundance of Fish Species Recorded (Eastern Tributary)

| Species Name                      | Monitoring Stations   |    |   |     |    |   |                         |   |   |     |   |   |     |   |   |     |    |   |     |     |   |  |
|-----------------------------------|-----------------------|----|---|-----|----|---|-------------------------|---|---|-----|---|---|-----|---|---|-----|----|---|-----|-----|---|--|
|                                   | River Park Study Area |    |   |     |    |   | Public Works Study Area |   |   |     |   |   |     |   |   |     |    |   |     |     |   |  |
|                                   | RP1                   |    |   | RP2 |    |   | RP3                     |   |   | RP4 |   |   | PW1 |   |   | PW2 |    |   | PW3 |     |   |  |
|                                   | O                     | C  | K | O   | C  | K | O                       | C | K | O   | C | K | O   | C | K | O   | C  | K | O   | C   | K |  |
| <i>Rhinogobius duospilus</i>      |                       |    | 1 | +   |    | 1 |                         |   |   | +   |   |   |     | 3 | 1 |     |    |   |     |     |   |  |
|                                   | +                     |    |   | +   |    |   |                         |   |   | +   |   |   | +   |   |   |     |    |   |     |     |   |  |
|                                   |                       |    | 1 | +   |    |   |                         |   |   | +   |   | 2 | +   |   |   |     |    |   |     |     |   |  |
|                                   | +                     |    | 2 | +   |    |   |                         |   |   | ++  |   |   |     |   |   |     |    |   |     |     |   |  |
|                                   | +                     |    | 3 | +   |    |   |                         |   |   | +   |   |   |     |   |   |     |    |   |     |     |   |  |
|                                   | +                     |    | 3 |     |    | 6 |                         |   |   |     |   |   |     |   |   |     |    |   |     |     |   |  |
|                                   | ++                    |    |   | +   |    | 1 |                         |   |   |     |   |   |     |   |   |     |    |   |     |     |   |  |
|                                   | +                     |    |   | +   |    |   |                         |   |   |     |   |   |     |   |   |     |    |   |     |     |   |  |
|                                   | +                     |    | 2 | +   |    | 1 |                         |   |   |     |   |   |     |   |   |     |    |   |     |     |   |  |
|                                   | +                     |    |   | +   |    |   |                         |   |   |     |   |   |     |   |   |     |    |   |     |     |   |  |
|                                   |                       |    |   | ++  |    | 1 |                         |   |   |     |   |   |     |   |   |     |    |   |     |     |   |  |
|                                   |                       |    |   | +   |    |   |                         |   |   |     |   |   |     |   |   |     |    |   |     |     |   |  |
| <i>Rhinogobius giurinus</i>       |                       |    |   |     |    |   |                         |   |   | +   |   |   |     |   |   |     |    |   |     |     |   |  |
|                                   |                       |    |   |     |    |   |                         |   |   | +   |   |   |     |   |   |     |    |   |     |     |   |  |
|                                   |                       |    |   |     |    |   |                         |   |   | +   |   |   |     |   |   |     |    |   |     |     |   |  |
|                                   |                       |    |   |     |    |   |                         |   |   | +   |   |   |     |   |   |     |    |   |     |     |   |  |
|                                   |                       |    |   |     |    |   |                         |   |   | +   |   |   |     |   |   |     |    |   |     |     |   |  |
| <i>Scatophagus argus</i>          |                       |    |   |     |    |   |                         |   |   |     |   |   |     |   |   |     |    |   |     | +++ |   |  |
|                                   |                       |    |   |     |    |   |                         |   |   |     |   |   |     |   |   |     |    |   |     | +   |   |  |
|                                   |                       |    |   |     |    |   |                         |   |   |     |   |   |     |   |   |     |    |   |     | ++  |   |  |
|                                   |                       |    |   |     |    |   |                         |   |   |     |   |   |     |   |   |     |    |   |     | +   |   |  |
| <i>Schistura fasciolata</i>       | +                     |    |   | +   |    |   |                         |   |   |     |   |   | +   |   |   |     |    |   |     |     |   |  |
|                                   | +                     |    |   | +   |    |   |                         |   |   |     |   |   | +   |   |   |     |    |   |     |     |   |  |
|                                   | ++                    |    | 1 | +   |    |   |                         |   |   |     |   |   | ++  |   | 2 |     |    |   |     |     |   |  |
|                                   | +                     |    |   | ++  |    |   |                         |   |   |     |   |   |     |   |   |     |    |   |     |     |   |  |
|                                   |                       |    | 1 | +   |    |   |                         |   |   |     |   |   |     |   |   |     |    |   |     |     |   |  |
|                                   | +                     |    |   |     |    |   |                         |   |   |     |   |   |     |   |   |     |    |   |     |     |   |  |
|                                   | +                     |    |   |     |    |   |                         |   |   |     |   |   |     |   |   |     |    |   |     |     |   |  |
| <i>Terapon jarbua</i>             |                       |    |   |     |    |   |                         |   |   |     |   |   |     |   |   |     |    |   |     | +++ |   |  |
|                                   |                       |    |   |     |    |   |                         |   |   |     |   |   |     |   |   |     |    |   |     | +++ |   |  |
|                                   |                       |    |   |     |    |   |                         |   |   |     |   |   |     |   |   |     |    |   |     | +   |   |  |
|                                   |                       |    |   |     |    |   |                         |   |   |     |   |   |     |   |   |     |    |   |     | ++  |   |  |
|                                   |                       |    |   |     |    |   |                         |   |   |     |   |   |     |   |   |     |    |   |     | +   |   |  |
| <i>Tridentiger trignocephalus</i> |                       |    |   | +   |    |   |                         |   |   | +   |   |   |     |   |   |     |    |   |     |     |   |  |
|                                   |                       |    |   |     |    |   |                         |   |   | ++  |   |   |     |   |   |     |    |   |     |     |   |  |
| <i>Xiphophorus hellerii</i>       |                       | 9  |   | ++  | 4  |   | +                       |   |   | ++  |   |   | +   |   |   |     |    |   |     |     |   |  |
|                                   |                       | 5  |   |     | 8  |   | ++                      |   |   | ++  |   |   | ++  | 2 |   |     |    |   |     |     |   |  |
|                                   |                       | 16 |   | ++  | 3  |   | ++                      |   |   |     |   |   | 1   |   |   |     |    |   |     |     |   |  |
|                                   | +                     | 8  |   | ++  |    |   |                         |   |   |     |   |   |     |   |   |     |    |   |     |     |   |  |
|                                   |                       | 3  |   | ++  | 12 |   |                         |   |   |     |   |   |     |   |   |     |    |   |     |     |   |  |
|                                   | +                     | 9  |   | +   |    |   |                         |   |   |     |   |   |     |   |   |     |    |   |     |     |   |  |
|                                   | ++                    | 6  |   |     |    |   |                         |   |   |     |   |   |     |   |   |     |    |   |     |     |   |  |
| <i>Xiphophorus variatus</i>       |                       | 11 |   | ++  | 6  |   | ++                      | 6 |   | +   | 3 |   | +++ |   |   | ++  | 23 |   |     |     |   |  |
|                                   |                       | 2  |   |     | 6  |   | ++                      | 2 |   | +++ |   |   | ++  | 3 |   | +   | 3  |   |     |     |   |  |
|                                   | +                     |    |   | ++  | 15 |   | +                       |   |   | ++  |   |   | +++ | 1 |   |     | 2  |   |     |     |   |  |
|                                   |                       |    |   | +   | 1  |   |                         | 1 |   |     |   |   | ++  | 1 |   |     | 2  |   |     |     |   |  |
|                                   |                       |    |   | ++  |    |   |                         |   |   |     |   |   | +++ |   |   |     | 2  |   |     |     |   |  |
|                                   |                       |    |   | ++  | 10 |   |                         |   |   |     |   |   | +++ |   |   |     |    |   |     |     |   |  |
|                                   |                       |    |   |     | 5  |   |                         |   |   |     |   |   | +++ |   |   |     |    |   |     |     |   |  |

Sampling Method: O = Direct Observation, C = Baited Fish Cage, K = Kick Sampling  
 Relative Abundance: +: Uncommon, ++: Common, +++: Abundant

Appendix D6.2\_Abundance of Fish Species Recorded (Western Tributary)

Notes:

- 1 This table shows the abundance record of each species at the corresponding monitoring stations and survey methods.
- 2 Each row indicates one time of record out of 12 times of survey for RP stations and 6 times of survey for PW stations.
- 3 If no data is shown under a monitoring station, the species was not encountered at that station during the monitoring period.

| Species Name                                       | Monitoring Stations (Western Tributary) |   |   |     |   |   |     |   |   |
|----------------------------------------------------|-----------------------------------------|---|---|-----|---|---|-----|---|---|
|                                                    | PW4                                     |   |   | PW5 |   |   | PW6 |   |   |
|                                                    | O                                       | C | K | O   | C | K | O   | C | K |
| <i>Acrossocheilus beijiangensis</i> <sup>(1)</sup> | +++                                     |   |   | ++  |   |   | +   |   |   |
|                                                    | ++                                      |   |   | ++  |   |   |     |   |   |
|                                                    | +                                       |   |   | +   |   |   |     |   |   |
|                                                    | +++                                     |   |   | +   |   |   |     |   |   |
|                                                    | +++                                     |   |   | ++  |   |   |     |   |   |
|                                                    | +++                                     |   |   |     |   |   |     |   |   |
| <i>Barbodes semifasciolatus</i>                    | +                                       |   |   | +   |   |   | +   |   |   |
|                                                    | +                                       |   |   | 1   |   |   | +   |   |   |
| <i>Cirrhinus molitorella</i> <sup>(3)</sup>        | +++                                     |   |   |     |   |   |     |   |   |
|                                                    | ++                                      |   |   |     |   |   |     |   |   |
|                                                    | ++                                      |   |   |     |   |   |     |   |   |
|                                                    | +++                                     |   |   |     |   |   |     |   |   |
|                                                    | +++                                     |   |   |     |   |   |     |   |   |
|                                                    | +++                                     |   |   |     |   |   |     |   |   |
| <i>Cyprinus rubrofuscus</i>                        |                                         |   |   |     |   |   | +   |   |   |
| <i>Gambusia affinis</i>                            |                                         |   |   |     |   |   | ++  |   |   |
|                                                    |                                         |   |   |     |   |   | ++  |   |   |
| <i>Glossogobius giuris</i>                         |                                         |   |   |     |   |   | +   |   |   |
|                                                    |                                         |   |   |     |   |   | +   |   |   |
|                                                    |                                         |   |   |     |   |   | +   |   |   |
| <i>Hemichromis stellifer</i>                       | +                                       |   |   | +   |   |   |     |   |   |
|                                                    | +                                       |   |   |     |   |   |     |   |   |
|                                                    | +                                       |   |   |     |   |   |     |   |   |
|                                                    | +                                       |   |   |     |   |   |     |   |   |
| <i>Liniparhomaloptera disparis</i>                 | ++                                      |   | 1 | +   |   |   |     |   |   |
|                                                    | ++                                      |   |   |     |   |   |     |   |   |
|                                                    | +                                       |   |   |     |   |   |     |   |   |
|                                                    | ++                                      |   |   |     |   |   |     |   |   |
|                                                    | +                                       |   |   |     |   |   |     |   |   |
|                                                    | ++                                      |   |   |     |   |   |     |   |   |
| <i>Mugilidae</i>                                   |                                         |   |   |     |   |   | +   |   |   |
|                                                    |                                         |   |   |     |   |   | +++ |   |   |
|                                                    |                                         |   |   |     |   |   | ++  |   |   |
| <i>Oryzias curvinotus</i> <sup>(1)</sup>           |                                         |   |   |     |   |   | ++  |   |   |
|                                                    |                                         |   |   |     |   |   | ++  |   |   |
|                                                    |                                         |   |   |     |   |   | +   |   |   |
|                                                    |                                         |   |   |     |   |   | ++  |   |   |
| <i>Parazacco spilurus</i> <sup>(2)</sup>           | +++                                     |   |   | ++  |   | 5 | +++ |   |   |
|                                                    | +++                                     |   |   | ++  |   |   | +++ |   |   |
|                                                    | +++                                     |   |   | ++  |   |   | +   |   |   |
|                                                    | +++                                     |   |   | +++ |   |   | ++  |   |   |
|                                                    | +++                                     |   |   | +++ |   |   | +++ |   |   |
|                                                    | +++                                     |   |   | +++ | 1 |   | ++  |   |   |
| <i>Pseudogastromyzon myersi</i>                    | ++                                      |   |   | +   |   |   |     |   |   |
|                                                    | +                                       |   |   |     |   |   |     |   |   |
|                                                    | +                                       |   |   |     |   |   |     |   |   |
| <i>Rhinogobius duospilus</i>                       | +                                       |   |   | +   | 1 | 2 |     |   |   |
|                                                    | +                                       |   | 1 | +   |   | 3 |     |   |   |
|                                                    |                                         |   |   | +   |   |   |     |   |   |
|                                                    |                                         |   |   | ++  |   | 2 |     |   |   |
|                                                    |                                         |   |   | +   |   |   |     |   |   |
|                                                    |                                         |   |   | +   |   |   |     |   |   |

Sampling Method: O = Direct Observation, C = Baited Fish Cage, K = Kick Sampling

Relative Abundance: +: Uncommon, ++: Common, +++: Abundant

Notes: (1) *Acrossocheilus beijiangensis* and *Oryzias curvinotus* are considered as species of conservation importance (Fellowes, 2002).

(2) *Parazacco spilurus* is considered as species of conservation importance (Yue & Chen, 1998).

(3) *Cirrhinus molitorella* is considered as Near Threatened (IUCN, 2024).

Appendix D6.2\_Abundance of Fish Species Recorded (Western Tributary)

| Species Name                      | Monitoring Stations (Western Tributary) |   |   |     |   |   |     |   |   |
|-----------------------------------|-----------------------------------------|---|---|-----|---|---|-----|---|---|
|                                   | PW4                                     |   |   | PW5 |   |   | PW6 |   |   |
|                                   | O                                       | C | K | O   | C | K | O   | C | K |
| <i>Rhinogobius giurinus</i>       |                                         |   |   |     |   |   | +   |   |   |
| <i>Schistura fasciolata</i>       | +                                       |   |   |     |   |   |     |   |   |
| <i>Tridentiger trignocephalus</i> |                                         |   |   |     |   |   | +   |   | 1 |
| <i>Xiphophorus hellerii</i>       | ++                                      |   |   | ++  |   |   | ++  |   |   |
|                                   |                                         |   |   | +++ |   |   | ++  |   |   |
|                                   |                                         |   |   | ++  |   |   | ++  |   |   |
|                                   |                                         |   |   | ++  |   |   | +   |   |   |
|                                   |                                         |   |   | +++ |   |   | ++  |   |   |
|                                   |                                         |   |   |     | 1 |   | ++  |   |   |
| <i>Xiphophorus variatus</i>       |                                         |   |   | ++  |   |   | ++  |   |   |
|                                   |                                         |   |   | ++  |   |   |     |   |   |

Sampling Method: O = Direct Observation, C = Baited Fish Cage, K = Kick Sampling  
 Relative Abundance: +: Uncommon, ++: Common, +++: Abundant