# PHILADELPHIA WATER DEPARTMENT

**GSI UNIT – Ecological Restoration**

#### In-Stream Baseplan

#### Submission Checklist (PWD 30%)

**This checklist outlines the requirements for each submission to PWD.**

All requirements will be checked by the PWD project manager prior to review. If a project is found to be incomplete, it will be returned to the provider and one week will be allotted for revision. Checklists can be modified based on project specific requirements.

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| **Baseplan Submission**  *Survey all requested locations and prepare base plans.* |  |
| * Baseplan drawings (.PDF and .DWG) including:   + Information provided for all requested areas   + Drawings prepared using *Stream Restoration Drafting & Design Guidelines* and *GSI CAD Standards*   + Correct sheet layout   + All Utility Conflicts   + All trees with a diameter at breast height of 8 inches or greater   + Longitudinal profile   + Cross sections |  |
| * Fluvial Geomorphic Survey (.XLSX - Mecklenburg Sheets and Survey Data)   + Stream survey including water surface, bankfull and top-of-bank elevations, thalweg, riffle and pool lengths, and stream slope   + Composite pebble count and particle size percent finer table and graph   + Bar Sample Sieve Analysis * Wetlands and Watercourse Identification and Delineation (.PDF)   + Coordinates of wetland and watercourse flagging (.XLSX) * Hydrologic and Hydraulic Existing Conditions Narrative (.PDF) * Outline design bankfull discharge * Contributing Drainage Area (impervious and pervious) |  |
| * Copies of benchmark correspondence with Streets Survey Unit (.PDF) |  |
| * Copies of all PA One Call plans received in the survey (.PDF) * Copy of all PA One Call Tickets (.PDF) |  |

SUBMITTED BY \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ DATE \_\_\_­\_\_\_\_\_\_\_\_