

## Appendix

Table. A1.1. Components used to construct the flood resistant nest box.

| <b>Item</b>                                                                 | <b>Brand, part #</b>           | <b>Price/unit</b> | <b>Website</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------------------------------------------------------------|--------------------------------|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PVC sewer pipe (4" x 10')                                                   | PVC 30040 0600HC               | 26.31             | <a href="https://www.lowes.com/pd/4-in-x-10-ft-Sewer-Drain-PVC-Pipe/3133147">https://www.lowes.com/pd/4-in-x-10-ft-Sewer-Drain-PVC-Pipe/3133147</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| PVC sewer and drain cap (4")                                                | NDS 4P06                       | 3.67              | <a href="https://www.lowes.com/pd/PVC-4-in-dia-PVC-Cap-Fitting/3133139">https://www.lowes.com/pd/PVC-4-in-dia-PVC-Cap-Fitting/3133139</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| PVC sewer and drain female cleanout adapter (4")                            | NDS 4P11                       | 7.88              | <a href="https://www.lowes.com/pd/NDS-4-in-PVC-Sewer-and-Drain-Female-Adapter/3133119">https://www.lowes.com/pd/NDS-4-in-PVC-Sewer-and-Drain-Female-Adapter/3133119</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| PVC male plug (4")                                                          | Charlotte Pipe, PVC 00106 1200 | 7.08              | <a href="https://www.lowes.com/pd/Charlotte-Pipe-4-in-x-4-in-dia-PVC-Schedule-40-Male-Cleanout-Plug-Fitting/3132725">https://www.lowes.com/pd/Charlotte-Pipe-4-in-x-4-in-dia-PVC-Schedule-40-Male-Cleanout-Plug-Fitting/3132725</a>                                                                                                                                                                                                                                                                                                                                                                                       |
| Clear PVC cement                                                            | Oatey 31018L                   | 8.18              | <a href="https://www.lowes.com/pd/Oatey-Medium-8-fl-oz-Clear-PVC-Cement/4750803">https://www.lowes.com/pd/Oatey-Medium-8-fl-oz-Clear-PVC-Cement/4750803</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Silver EMT Conduit (1/2" x 10')                                             | 101543                         | 5.28              | <a href="https://www.lowes.com/pd/Common-1-2-in-Actual-50-In-Metallic-Emt-10-ft-Conduit/3129551">https://www.lowes.com/pd/Common-1-2-in-Actual-50-In-Metallic-Emt-10-ft-Conduit/3129551</a>                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Electrical (EMT) Zinc-plated steel conduit hangers (1/2")                   | Sigma ProConnex 54100          | 0.60              | <a href="https://www.lowes.com/pd/Sigma-Electric-ProConnex-1-2-in-Conduit-Hangers-Schedule-40-PVC-Compatible-Schedule-80-PVC-Compatible-Intermediate-Metal-Conduit-Compatible-Galvanized-Rigid-Conduit-Compatible-Electrical-Metal-Tubing-Compatible-Rigid-Metal-Conduit-Compatible-Conduit-Fitting/1001588532">https://www.lowes.com/pd/Sigma-Electric-ProConnex-1-2-in-Conduit-Hangers-Schedule-40-PVC-Compatible-Schedule-80-PVC-Compatible-Intermediate-Metal-Conduit-Compatible-Galvanized-Rigid-Conduit-Compatible-Electrical-Metal-Tubing-Compatible-Rigid-Metal-Conduit-Compatible-Conduit-Fitting/1001588532</a> |
| Electrical (EMT) / Zinc-plated steel two-hole strap conduit fittings (3/4") | Sigma ProConnex 42820          | 0.56              | <a href="https://www.lowes.com/pd/Sigma-Electric-ProConnex-3-4-in-Two-hole-Strap-Electrical-Metal-Tubing-Compatible-Conduit-Fitting/1000152723">https://www.lowes.com/pd/Sigma-Electric-ProConnex-3-4-in-Two-hole-Strap-Electrical-Metal-Tubing-Compatible-Conduit-Fitting/1000152723</a>                                                                                                                                                                                                                                                                                                                                 |
| Zinc-plated screw eye hook (1/8" x 1.5")                                    | Everbilt                       | 0.16              | <a href="https://www.homedepot.com/p/Everbilt-Screw-Eye-1-8-in-x-1-1-2-in-Z-CP-813362/314745396">https://www.homedepot.com/p/Everbilt-Screw-Eye-1-8-in-x-1-1-2-in-Z-CP-813362/314745396</a>                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Self-tapping lath screws (8 x 1.25")                                        | ProTwistN MT1141               | 0.09              | <a href="https://www.lowes.com/pd/Pro-Twist-8-x-1-1-4-in-Truss-Sharp-Lath-Screws-Pound-S/1000365329">https://www.lowes.com/pd/Pro-Twist-8-x-1-1-4-in-Truss-Sharp-Lath-Screws-Pound-S/1000365329</a>                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Paracord (4mm x 200')                                                       | Teceum B0BJHPJJ 3D             | 15.19             | <a href="https://www.amazon.com/dp/B0BJHPJJ3D/ref=dp_iou_view_item?ie=UTF8&amp;th=1">https://www.amazon.com/dp/B0BJHPJJ3D/ref=dp_iou_view_item?ie=UTF8&amp;th=1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| O Rings (1.25")                                                             | DGOL B094J3M9 S4               | 0.48              | <a href="https://www.amazon.com/dp/B094J3M9S4?ref_=ppx_hzsearch_con_n_dt_b_fed_asin_title_1&amp;th=1">https://www.amazon.com/dp/B094J3M9S4?ref_=ppx_hzsearch_con_n_dt_b_fed_asin_title_1&amp;th=1</a>                                                                                                                                                                                                                                                                                                                                                                                                                     |

Fig. A1.1. Days in which the Mississippi River was above flood stage (4.57 m) by decade from 1880 through 2019 at Lock and Dam 15, Rock Island, IL.

