**Table 6 – Wetland Impacts Table**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Exhibit #*** | | | | **SEWRPC** | **Long/Latitude** | **Station** | **Type** | **Impact**  **Acres** | **Debit**  **Wet Type** | **Ratio** | **Debit** |
|  |  | | | | | | | | | | |
|  | ***City of Waukesha – 2788-01-00 (For Information Only – Separate permit and banking)*** | | | | | | | | | | |
| *A2-2* | | *32* | | | Lat:43.0424; Lon:88.2854 | NB Proposed Bypass  361+86 – 362+04 RT | SM, M | 0.003 |  | NA | NA |
|  |  | | | | | | | | | | |
|  | ***Waukesha County – Project I.D.’s 2788-00-00/70; 2788-00-02/72*** | | | | | | | | | | |
| *A3-2 Figure 1* | | *31* | | | Lat.43.0318;Lon:-88.2859 | Proposed W Bypass  322+32-325+41 LT/RT | RPF -  Hardwood | 0.176 | M – Cull  (ADID) | 1.5 | 0.27 |
| *A3-2 Figure 2* | | *29* | | | Lat:43.0224;Lon:-88.2863 | Bypas 288+36-290+22 LT  US18 43+96-46+20 LT/RT | RPF-  Hardwood | 0.297 | M – Cull  (ADID) | 1.5 | 0.45 |
| *A3-2 Figure 2* | | *28* | | | Lat:43.0219;Lon:-88.2860 | SB Proposed W Bypass  286+98-288+13 LT | SM | 0.038 | M – Cull  (ADID) | 1.0 | 0.04 |
| *A3-2 Figure 3* | | *27* | | | Lat:43.0195;Lon:-882853 | NB Proposed W Bypass  274+81-281+02 RT | WS  SS  SM | 0.352  0.352  0.196 | M – Cull  (ADID) | 1.2  1.2  1.0 | 0.42  0.42  0.20 |
| *A3-2 Figure 3* | | *26* | | | Lat:43.0199;Lon:-88.2861 | SB Proposed W Bypass  279+34-280+63 LT | SM  M | 0.118  0.013 | M –Cull  (ADID) | 1.0  1.0 | 0.12  0.01 |
| *A3-2 Figure 3* | | *25* | | | Lat:43.0175;Lon:-882857 | NB Proposed W Bypass  270+67-271+32 RT | WS | 0.083 | M – Cull  (ADID) | 1.2 | 0.10 |
| *A3-2 Figure 3* | | *24* | | | Lat:43.0173;Lon:-882861 | SB Proposed W Bypass  269+50-270+55 LT | WS | 0.137 | M – Cull  (ADID) | 1.2 | 0.16 |
| ***Total Wetland Impacts Waukesha Co. 1.76 acres; Debit 2.19*** | | | | | | | | | | | |
|  | | | | | | | | | | | |
| ***Waters of the U.S.*** | | | | | ***Tributary/Stream below “Vertical Spot Bank Elevation”*** | | |  |  |  |  |
| ***Figure 1*** | | Unnamed  Tributary to Pebble Creek  ***Culvert*** | | | Lat.43.0318;Lon:-88.2859 | South of Northview Rd.-  323+45,34’ L Center | AB-Riprap  AB-Fill  AB -Endwall | ***0.004***;  0.34 CY/LF  181.78 SF  ***0.033***  0.98 CY/LF  1413.59 SF  ***0.001***  0.36 CY/LF  21.11 SF | Fen | 1.2 | 0.005  0.040  0.001 |
| ***Figure 2*** | | Pebble Creek  ***Culvert*** under CTH TT | | | Lat:43.0224;Lon:-88.2863 | Bypass Pebble Creek Meadowbrook Rd. crossing  Sta. 290+13; 45’ L Center | AB - Fill  AB -Endwall | ***0.026***  0.29 CY/LF  1109.14 SF  ***0.003***  0.43 CY/LF  150.28 SF | Fen | 1.2 | 0.031  0.004 |
| ***Figure 3*** | | Pebble Creek ***Culvert*** under  USH18 | | | Lat:43.0224;Lon:-88.2863 | Bypass Pebble Creek – USH/Summit Ave. crossing  Sta. 44+29, 44’ R Center  Sta. 44+76; 48 L Center | AB – Fill  AB - Endwall | **0.018**  0.93 CY/LF  764.09 SF  **0.003**  3.10 CY/LF  122.71 SF | Fen | 1.2 | 0.022  0.004 |
| ***Total “Waters of the U.S.” Impacts Waukesha Co. - 0.087 acres; (6.43 CY/LY); (3,762.70 SF); Debit 0.107 acres.*** | | | | | | | | | | | |
| **Total Wetland and “Waters of the U.S. Impacts Waukesha Co. = 1.847 acres ; Total Debit 2.30** | | | | | | | | | | | |
|  | | | | | | | | | | | |
| ***Exhibit*** | | ***SEWRPC*** | | | **Long/Latitude** | **Station** | **Type** | **Impact** | **Debit**  **Type** | **Ratio** | **Debit** |
|  | | | | | | | | | | | |
|  | | | **Wis DOT – Project I.D.’s Design**  **2788-00-01, Construction I.D. 2788-00-71** | | | | | | | | |
| *A4-2 Figure 1* | | *23* | | | Lat:43.0105;Lon:-88.2864 | NB Proposed W Bypass  244+85-245+56 RT | RPF -  Hardwood | 0.023 | M – Cull  (ADID) | 1.5 | 0.03 |
| *A4-2 Figure 1* | | ***22 (ADID)*** | | | Lat:43.0127;Lon:-88.2864 | SB Proposed W Bypass  243+57-252+68 LT | Meadow  SM | 0.118  1.067 | M – Cull  (ADID) | 1.0  1.0 | 0.12  1.07 |
| *A4-2 Figure 2* | | *21* | | | Lat:42.9960;Lon:-88.2906 | MacArther Rd  51+82-55+22 | Farmed  wetland | 0.280 | M – Cull  (ADID) | 1.0 | 0.28 |
| *A4-2 Figure 2* | | *20* | | | Lat:42.9962;Lon:-88.2924 | NB Proposed W Bypass  188+02-188+81 RT | Farmed  wetland | 0.010 | M – Cull  (ADID) | 1.0 | 0.01 |
| *A4-2 Figure 2* | | *19* | | | Lat:42.9963;Lon:-88.2915 | MacArthur Rd  51+82-55+22 | SM  SS | 0.144  0.016 | M – Cull  (ADID) | 1.0  1.2 | 0.15  0.02 |
| *A4-2 Figure 2* | | *18* | | | Lat:42.9955;Lon:-88.2916 | NB Proposed W Bypass  185+48-186+73 RT | M | 0.180 | M – Cull  (ADID) | 1.0 | 0.18 |
| *A4-2 Figure 3* | | ***17 (ADID)*** | | | Lat:42.9947;Lon-88.2910 | Proposed W Bypass  183+43-176+67 | M  SM | 0.774  0.086 | M – Ryan  (ADID) | 1.0  1.0 | 0.77  0.09 |
| *A4-2 Figure 3* | | ***16 (ADID)*** | | | Lat:42.9942;Lon:-88.2906 | Proposed W Bypass  183+43-176+67 | M  RPE  Opnwater | 0.344  0.172  0.057 | M – Ryan  (ADID) | 1.0  1.3  1.0 | 0.35  0.22  0.06 |
| *A4-2 Figure 3* | | ***15 (ADID)*** | | | Lat:42.9935;Lon:-88.2892 | NB Proposed W Bypass  175+20-176+41 | RPF  (SS,SM) | 0.110 | M – Cull  (ADID) | 1.5 | 0.17 |
| *A4-2 Figure 4* | | ***14 (ADID)*** | | | Lat:42.9931;Lon:-88.2891 | NB Proposed W Bypass  171+99-174+89 | Wet Mesic  Prairie | 0.350 | M – Ryan  (ADID) | 1.0 | 0.35 |
| *A4-2 Figure 4* | | ***13 (ADID)*** | | | Lat:42.9925;Lon:-88.2881 | Proposed W Bypass  165+41-172+45 | Farmed  wetland | 1.180 | Fen  (ADID) | 1.0 | 1.18 |
| *A4-2 Figure 4* | | ***12 (ADID)*** | | | Lat:42.9899;Lon:-88.2846 | Bypass 154+06-161+75  WB Sunset 52+12-53+19 | Farm wet  M | 2.00  0.50 | M – Ryan  (ADID) | 1.0  1.0 | 2.00  0.50 |
| *A4-2 Figure 5* | | ***11 (ADID)*** | | | Lat:42.9888;Lon:-88.2822 | WB Sunset  54+18-63+00 | WS  SS  SM  RPF | 0.310  0.300  0.150  0.150 | Fen  (ADID) | 1.2  1.2  1.2  1.5 | 0.37  0.36  0.18  0.23 |
| *A4-2 Figure 5* | | ***9 (ADID)*** | | | Lat:42.9884;Lon:-88.2823 | EB Sunset Drive  52+96-63+00 | RPF  M  SS  WS | 0.392  0.392  0.098  0.098 | Fen (ADID) | 1.5  1.2  1.2  1.2 | 0.59  0.47  0.12  0.12 |
| *A4-2 Figure 5* | | ***8 (ADID)*** | | | Lat:42.9882;Lon:-88.2834 | NB Proposed W Bypass  149+32-152+08 | **Fen** | **0.350** | **Fen (ADID)** | **1.0** | **0.35** |
| *A4-2 Figure 6* | | ***7 (ADID)*** | | | Lat:42.9869;Lon:-88.2819 | NB Proposed W Bypass  141+83-147+06 | M  WS | 0.140  0.060 | Fen (ADID) | 1.2  1.2 | 0.17  0.07 |
| *A4-2 Figure 6* | | ***5 (ADID)*** | | | Lat:42.9848;Lon:-88.2800 | NB Proposed W bypass  132+79-135+54 | WS | 0.340 | M – Ryan  (ADID) | 1.2 | 0.41 |
| *A4-2 Figure 6* | | ***4 (ADID)*** | | | Lat:42.9834;Lon:-88.2788 | Proposed Bypass  125+27-130+52 | WS  SM | 0.678  0.452 | Fen (ADID) | 1.2  1.2 | 0.80  0.54 |
| *A4-2 Figure 7* | | ***3 (ADID)*** | | | Lat:42.9824;Lon:-88.2720 | NB Genessee Rd.  60+91-61+80 RT | M | 0.004 | Cull M  (ADID) | 1.0 | 0.004 |
| *A4-2 Figure 7* | | ***1 (ADID)*** | | | Lat:42.9814;Lon:-88.2740 | Bypass 112+29-117+24  SB Genesse. 55+85-57+56 | RPE  M  SM | 1.144  0.308  0.308 | Fen  (ADID) | 1.3  1.2  1.2 | 1.49  0.37  0.37 |
| ***Total Wis. DOT Wetland Impacts* 13.09 *Total State Wetland Debits* 14.57** | | | | | | | | | | | |
|  | | | | | | | | | | | |
| ***Waters of the U.S.*** | | | | | ***Tributary/Stream below “Vertical Spot Bank Elevation”*** | | |  |  |  |  |
| ***Figure 4*** | | Unnamed tributary to Pebble Creek | | | Lat:43.0105;Lon:-88.2864  Lat:43.0127;Lon:-88.2864 | Bypass  South of Madison Street  Sta. 244+52,100’L Center  Sta. 245+29,90 ’R Center | AB-Riprap  AB – Fill  AB - Endwall | **0.002**  0.93 CY/LF)  112.58 SF  **0.079**  0.73 CY/LF  3429.75 SF  **0.008**  1.03 CY/LF  346.70 SF | Fen | 1.2 | 0.003  0.095  0.010 |
| ***Figure 5*** | | Pebble Creek | | | Lat:42.9947;Lon-88.2910  Lat:42.9942;Lon:-88.2906 | New Crossing of Pebble Creek north of Glacial Drumlin Trail | AB - Fill | **0.04**  0.90 CY/LF  3763.86 SF | Fen | 1.2 | 0.048 |
| **Total WisDOT “Waters of the U.S.” Impacts 0.129 acres; (3.59 CY/LF; 7652.89 SF) Total Debit 0.156 acres.** | | | | | | | | | | | |
| **Total WisDOT Wetland and “Waters of the U.S. Impacts 13.22 acres Total Debit 14.73 acres** | | | | | | | | | | | |
|  | | | | | | | | | | | |
| ***Bypass Totals*** | | | | |  |  |  | **15.066** |  |  | **17.03** |
| **Total (Bypass) Wetland and “Waters of the U.S” Impacts – 15.067 acres; Total Debits17.03** | | | | | | | | | | | |
|  | | | | | | | | | | | |
|  | | | | | | | | | | | |

***Mitigation Debits: Cull Parcel (ADID) 4.224 acres; Ryan parcel (ADID) 4.75; Fen (ADID) 7.78 acres Wetland + 0.263 acres “Waters of the U.S. Debits = 8.043 acres of Fen Debits***

**Figure 6 – Tributary to Pebble Creek Impacts/Proposed new Tributary Acreages –**

**Existing Tributary Proposed Fill (Length x width) – 0.089 acres; Proposed Tributary – 0.097 acres (Net increase = 0.008 acres. Additional discussion in Proposed Mitigation Text Document.**