**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 Bypass361+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 Bypass322+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 LTUS18 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 Bypass286+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 Bypass274+81-281+02 RT | WSSSSM | 0.3520.3520.196 | M – Cull(ADID) | 1.21.21.0 | 0.420.420.20 |
| *A3-2 Figure 3* | *26* | Lat:43.0199;Lon:-88.2861 | SB Proposed W Bypass279+34-280+63 LT | SMM | 0.1180.013 | M –Cull (ADID) | 1.01.0 | 0.120.01 |
| *A3-2 Figure 3* | *25* | Lat:43.0175;Lon:-882857 | NB Proposed W Bypass270+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 Bypass269+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-RiprapAB-FillAB -Endwall  | ***0.004***; 0.34 CY/LF181.78 SF***0.033***0.98 CY/LF 1413.59 SF***0.001***0.36 CY/LF21.11 SF | Fen | 1.2 | 0.0050.0400.001 |
| ***Figure 2*** | Pebble Creek***Culvert*** under CTH TT | Lat:43.0224;Lon:-88.2863 | Bypass Pebble Creek Meadowbrook Rd. crossingSta. 290+13; 45’ L Center | AB - FillAB -Endwall | ***0.026*** 0.29 CY/LF1109.14 SF***0.003***0.43 CY/LF150.28 SF | Fen | 1.2 | 0.0310.004 |
| ***Figure 3*** | Pebble Creek ***Culvert*** under USH18 | Lat:43.0224;Lon:-88.2863 | Bypass Pebble Creek – USH/Summit Ave. crossingSta. 44+29, 44’ R CenterSta. 44+76; 48 L Center | AB – FillAB - Endwall | **0.018**0.93 CY/LF764.09 SF**0.003**3.10 CY/LF122.71 SF | Fen | 1.2 | 0.0220.004 |
|  ***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 Bypass244+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 Bypass243+57-252+68 LT | MeadowSM | 0.1181.067 | M – Cull(ADID) | 1.01.0 | 0.121.07 |
| *A4-2 Figure 2* | *21* | Lat:42.9960;Lon:-88.2906 | MacArther Rd51+82-55+22 | Farmedwetland | 0.280 | M – Cull(ADID) | 1.0 | 0.28 |
| *A4-2 Figure 2* | *20* | Lat:42.9962;Lon:-88.2924 | NB Proposed W Bypass188+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 Rd51+82-55+22 | SM SS | 0.1440.016 | M – Cull(ADID) | 1.01.2 | 0.150.02 |
| *A4-2 Figure 2* | *18* | Lat:42.9955;Lon:-88.2916 | NB Proposed W Bypass185+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 Bypass183+43-176+67 | MSM | 0.7740.086 | M – Ryan(ADID) | 1.01.0 | 0.770.09 |
| *A4-2 Figure 3* | ***16 (ADID)*** | Lat:42.9942;Lon:-88.2906 | Proposed W Bypass183+43-176+67 | MRPEOpnwater | 0.3440.1720.057 | M – Ryan(ADID) | 1.01.31.0 | 0.350.220.06 |
| *A4-2 Figure 3* | ***15 (ADID)*** | Lat:42.9935;Lon:-88.2892 | NB Proposed W Bypass175+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 Bypass171+99-174+89 | Wet MesicPrairie | 0.350 | M – Ryan(ADID) | 1.0 | 0.35 |
| *A4-2 Figure 4* | ***13 (ADID)*** | Lat:42.9925;Lon:-88.2881 |  Proposed W Bypass165+41-172+45 | Farmedwetland | 1.180 | Fen(ADID) | 1.0 | 1.18 |
| *A4-2 Figure 4* | ***12 (ADID)*** | Lat:42.9899;Lon:-88.2846 | Bypass 154+06-161+75WB Sunset 52+12-53+19 | Farm wetM | 2.000.50 | M – Ryan(ADID) | 1.01.0 | 2.000.50 |
| *A4-2 Figure 5* | ***11 (ADID)*** | Lat:42.9888;Lon:-88.2822 | WB Sunset54+18-63+00 | WSSSSMRPF | 0.3100.3000.1500.150 | Fen(ADID) | 1.21.21.21.5 | 0.370.360.180.23 |
| *A4-2 Figure 5* | ***9 (ADID)*** | Lat:42.9884;Lon:-88.2823 | EB Sunset Drive52+96-63+00 | RPFMSSWS | 0.3920.3920.0980.098 | Fen (ADID) | 1.51.21.21.2 | 0.590.470.120.12 |
| *A4-2 Figure 5* | ***8 (ADID)*** | Lat:42.9882;Lon:-88.2834 | NB Proposed W Bypass149+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 Bypass141+83-147+06 | M WS | 0.1400.060 | Fen (ADID) | 1.21.2 | 0.170.07 |
| *A4-2 Figure 6* | ***5 (ADID)*** | Lat:42.9848;Lon:-88.2800 | NB Proposed W bypass132+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 Bypass125+27-130+52 | WS SM | 0.6780.452 | Fen (ADID) | 1.21.2 | 0.800.54 |
| *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+24SB Genesse. 55+85-57+56 | RPEMSM | 1.1440.3080.308 | Fen (ADID) | 1.31.21.2 | 1.490.370.37 |
| ***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:-88.2864Lat:43.0127;Lon:-88.2864 | Bypass South of Madison StreetSta. 244+52,100’L CenterSta. 245+29,90 ’R Center  | AB-RiprapAB – FillAB - Endwall | **0.002** 0.93 CY/LF)112.58 SF**0.079**0.73 CY/LF3429.75 SF**0.008** 1.03 CY/LF346.70 SF | Fen | 1.2 | 0.0030.0950.010 |
| ***Figure 5*** | Pebble Creek | Lat:42.9947;Lon-88.2910Lat:42.9942;Lon:-88.2906 | New Crossing of Pebble Creek north of Glacial Drumlin Trail | AB - Fill | **0.04** 0.90 CY/LF3763.86 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.**