APPENDIX C

Support Maps

Figure C-1: Rainfall Inundation (2-year through 500-year) **Figure C-2**: Structures Impacted by Flooding, City of Crystal

Figure C-3: Hydric Soils

Figure C-4: Soil Erodibility Factor

Figure C-5: USDA Farmland Classification

Figure C-6: Visible Salinity

Figure C-7: Sufrace Salinization Risk

Figure C-8: Water Resources
Figure C-9: Impaired Waters

Figure C-10: USFWS National Wetland Inventory (NWI)

Figure C-11: FEMA Floodplain

Figure C-12: National Land Cover Database (NLCD 2011)

Figure C-13: National Agricultural Statistic Service, Cropland Data (NASS 2017) Cart

Figure C-14: Census Block Groups
Figure C-15: Creek Site 1, Hydric Soils

Figure C-16: Cart Creek Site 1, Soil Erodibility
Figure C-17: Cart Creek Site 1, Wetlands

Figure C-18: Alternative 2 - Wetland Impacts Map

Figure C-19 Cart Creek Site 1, National Land Cover Database (NLCD 2011)

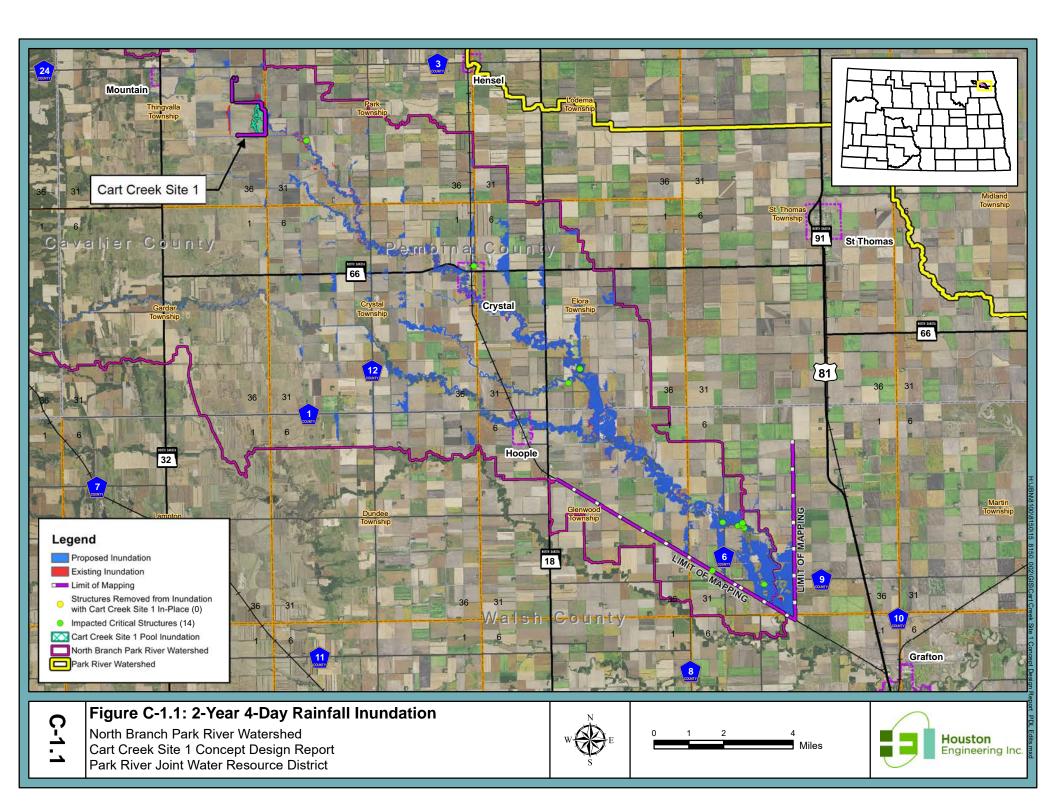
Figure C-20 Cart Creek Site 1, National Agricultural Statistics Service, Cropland Data

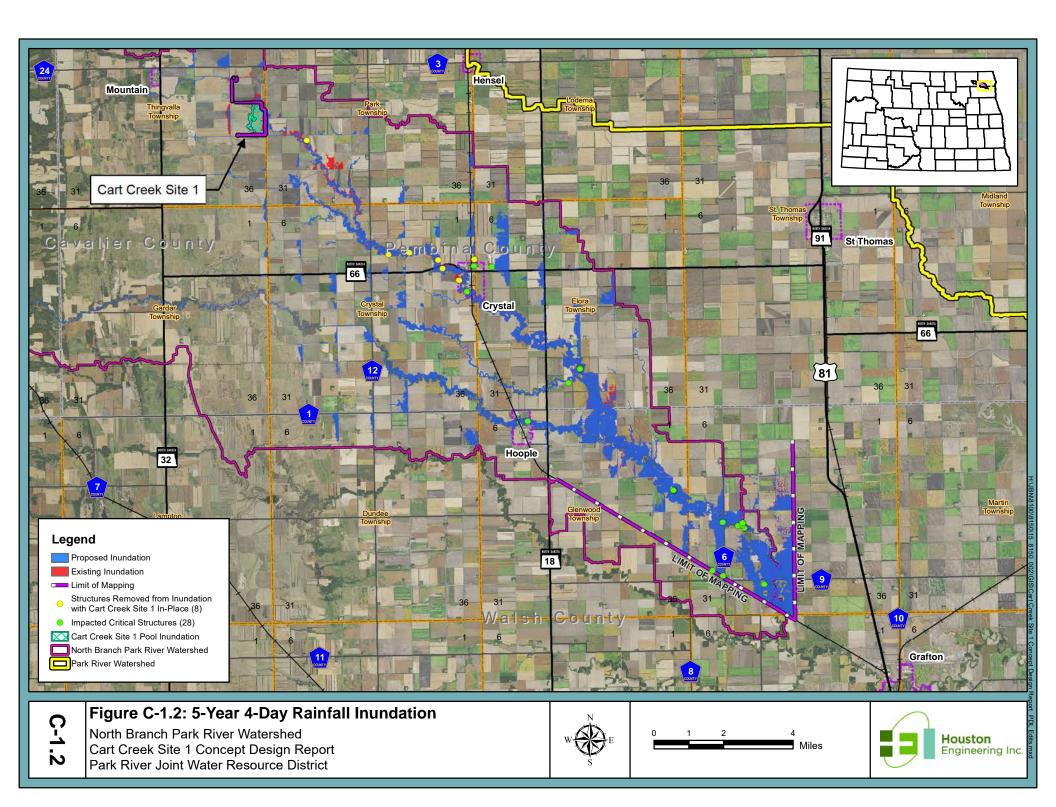
(NASS)

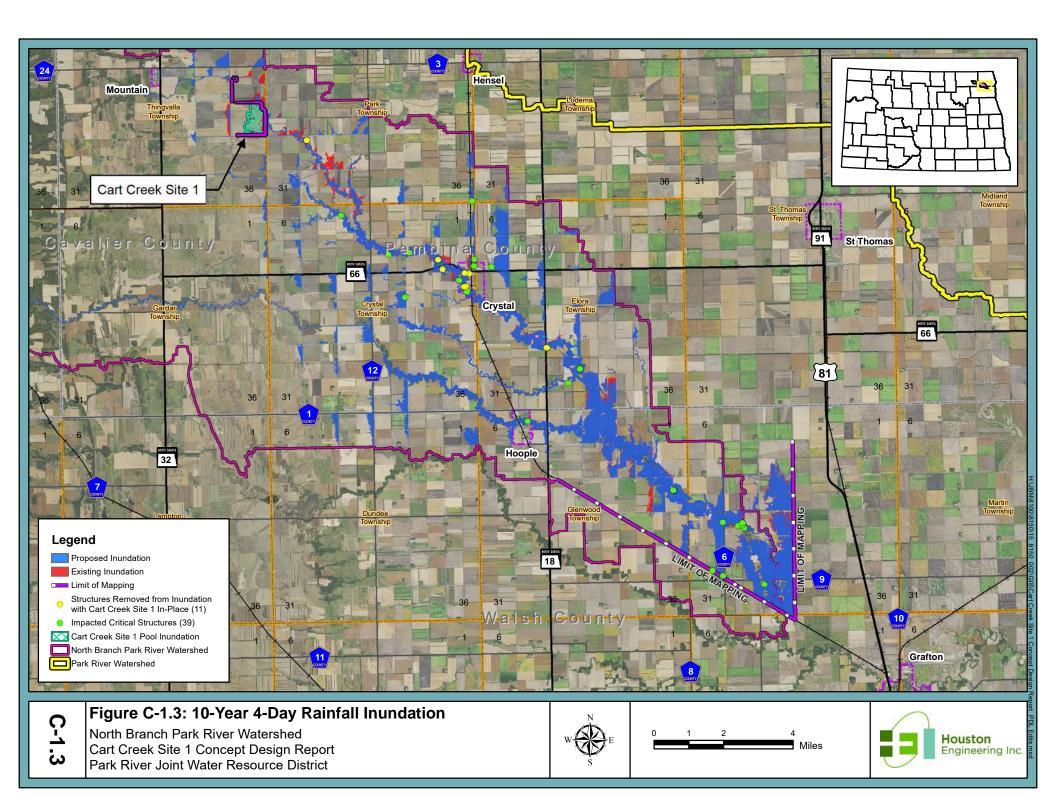
Figure C-21 Dam Breach Inundation

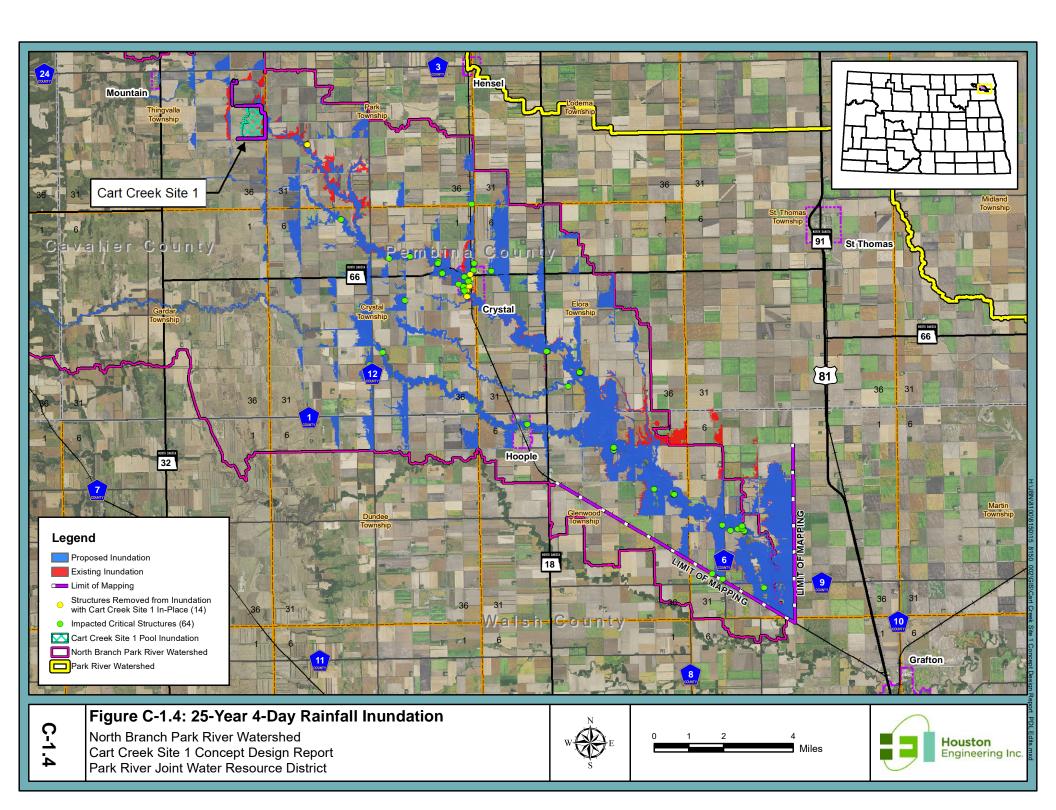
Figure C-22 Cart Creek Site 1 Drainage Area

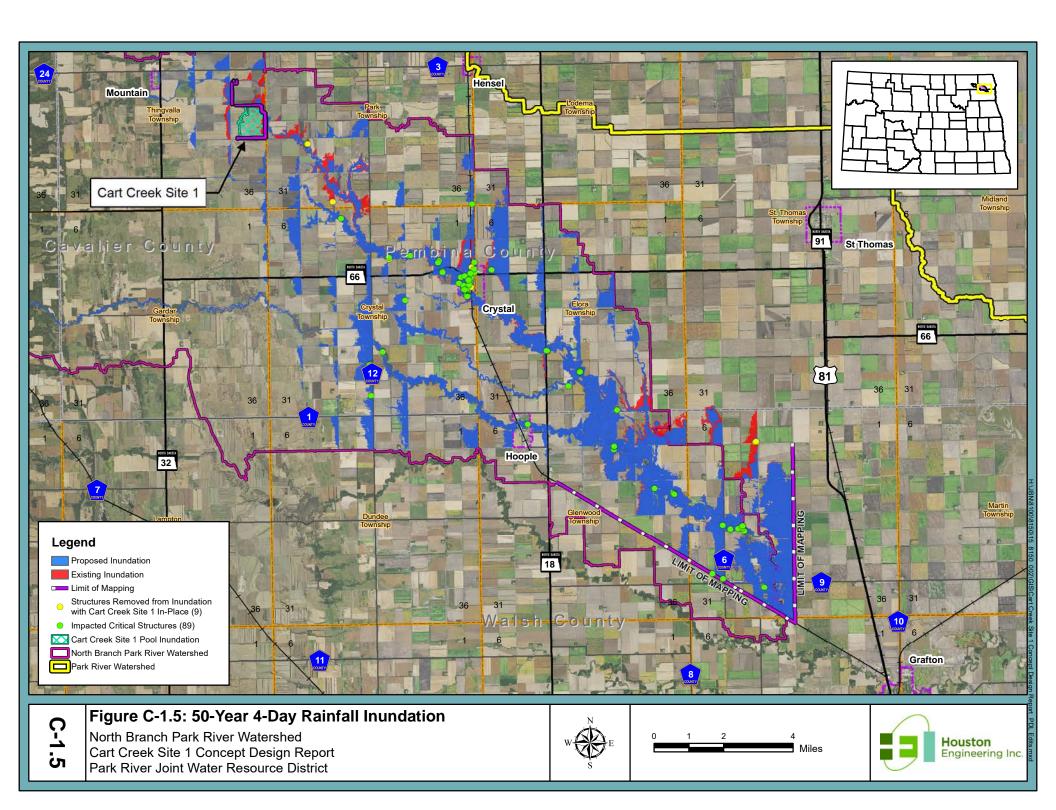
Figure C-23 Project Location Map

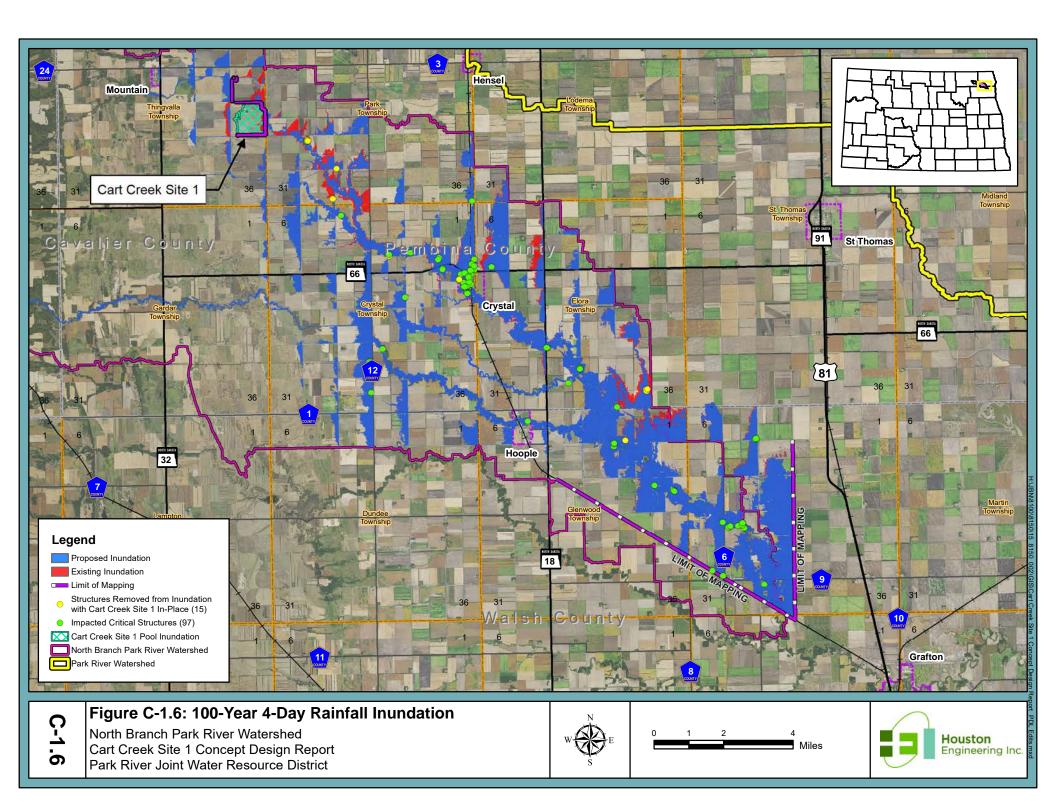


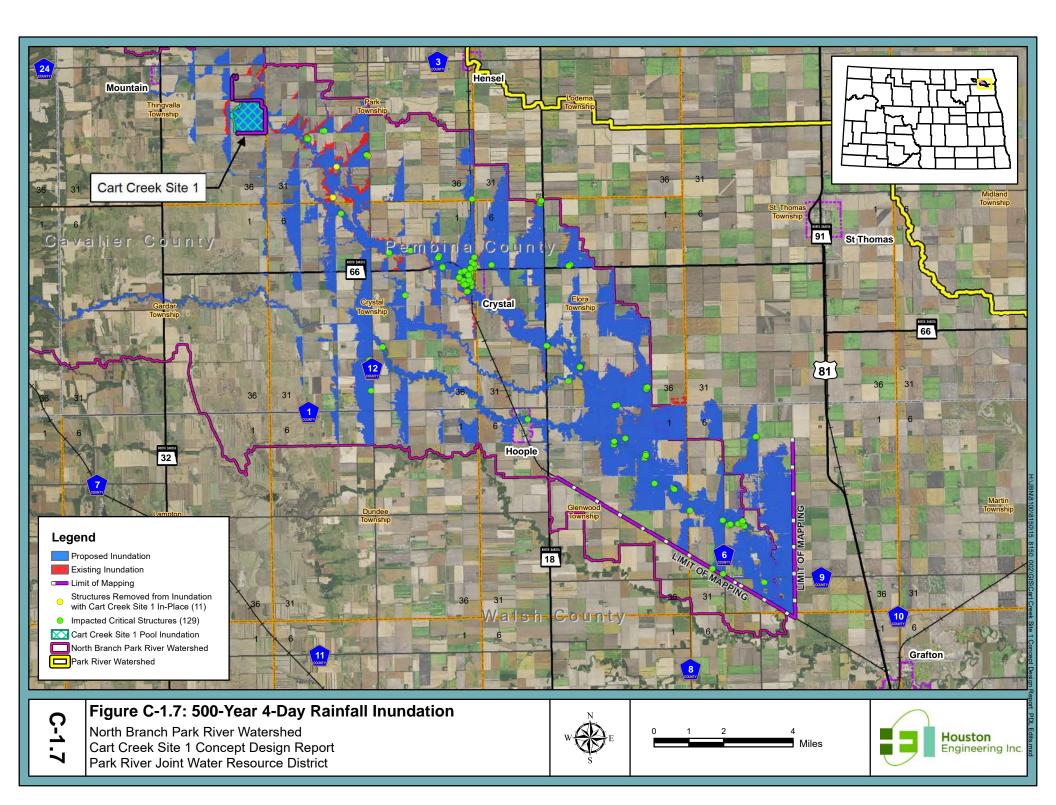


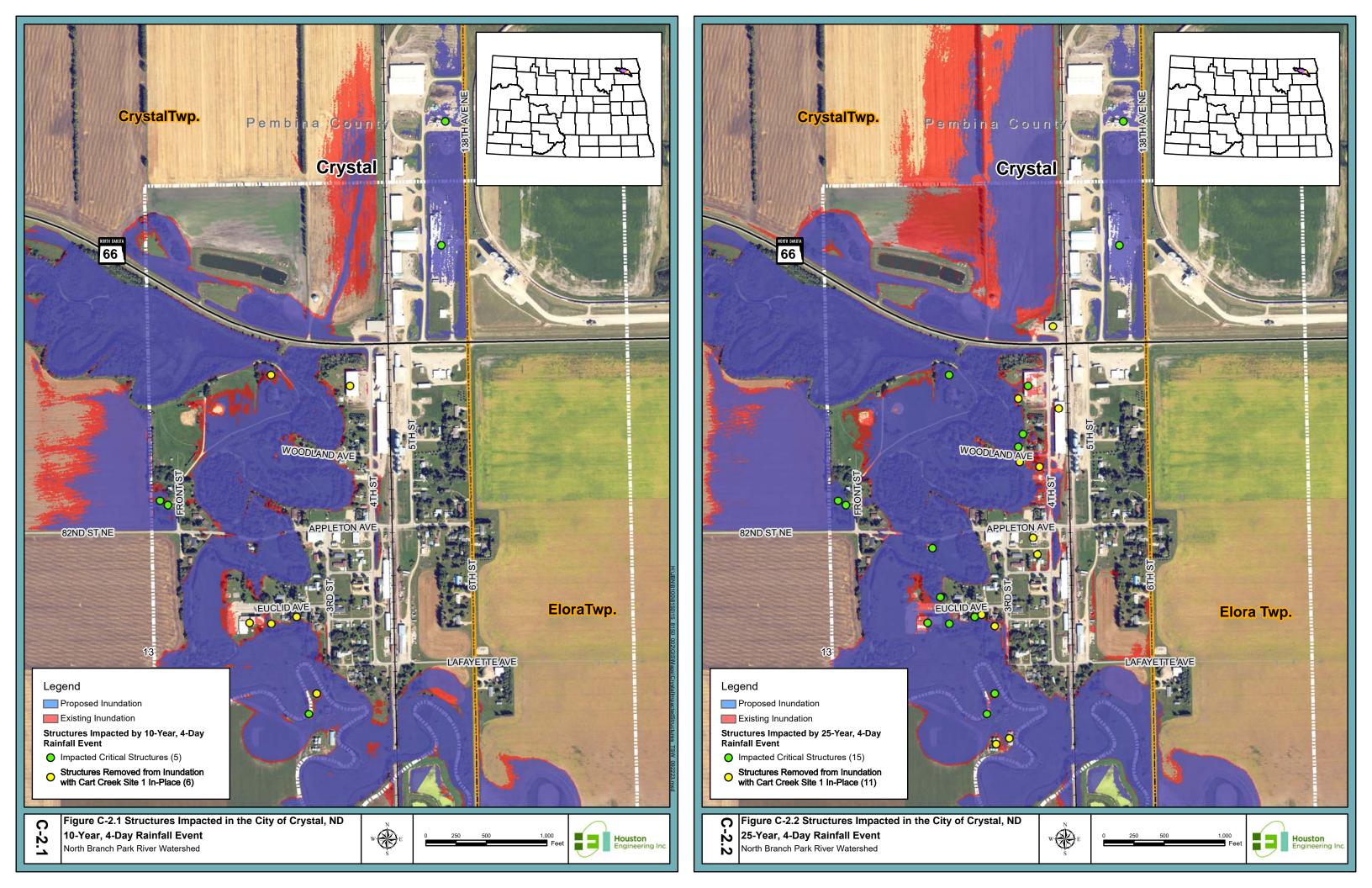


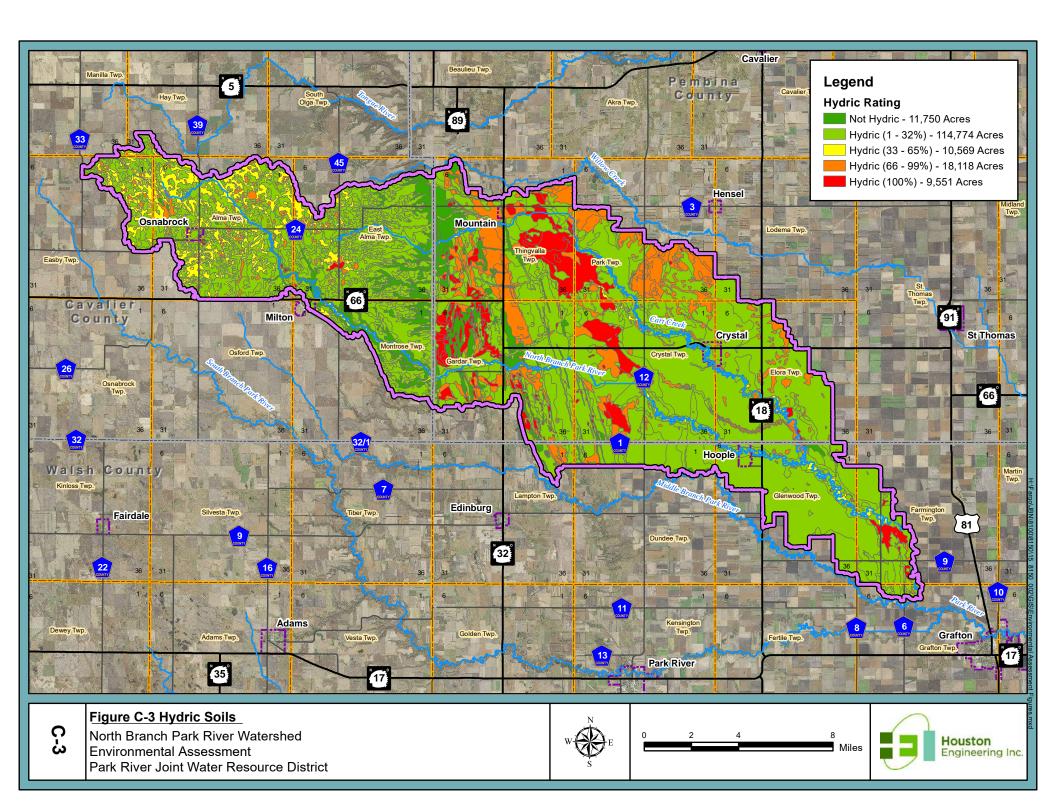


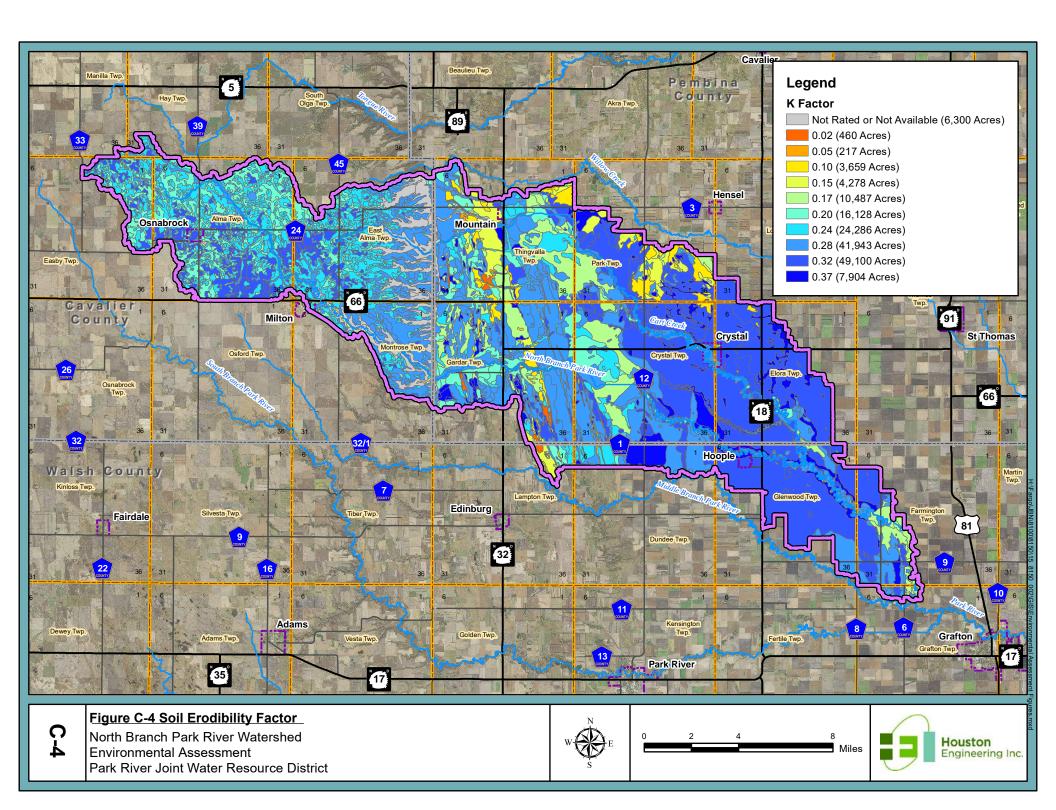


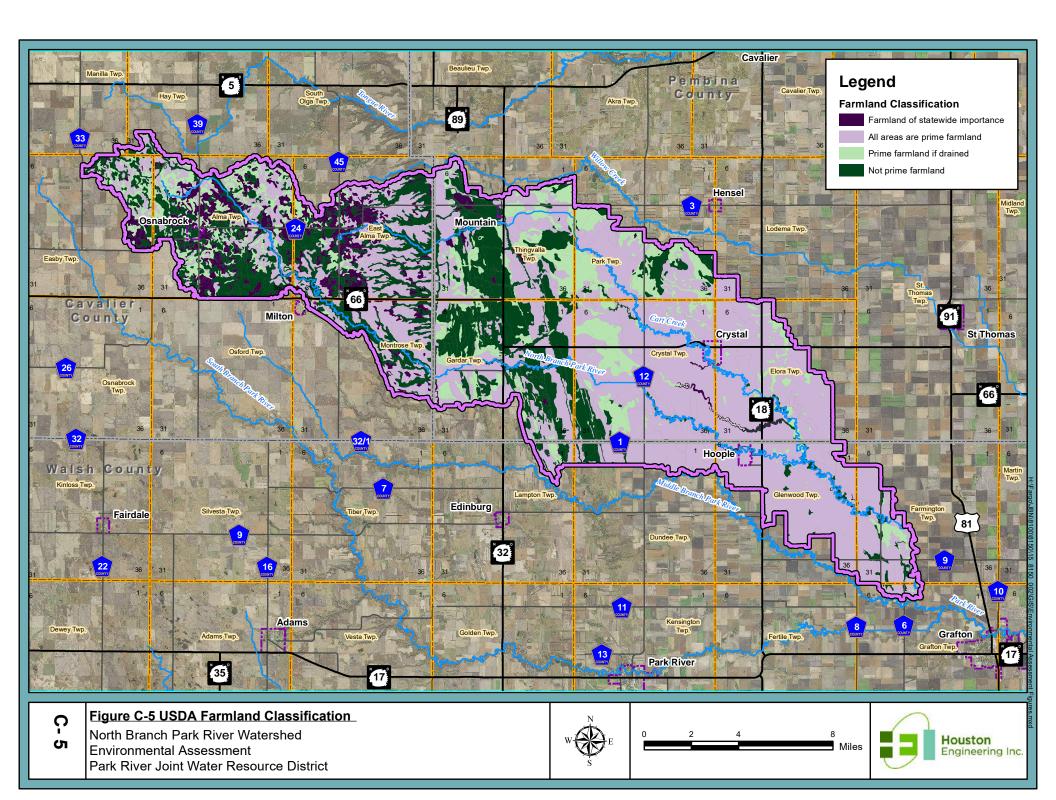












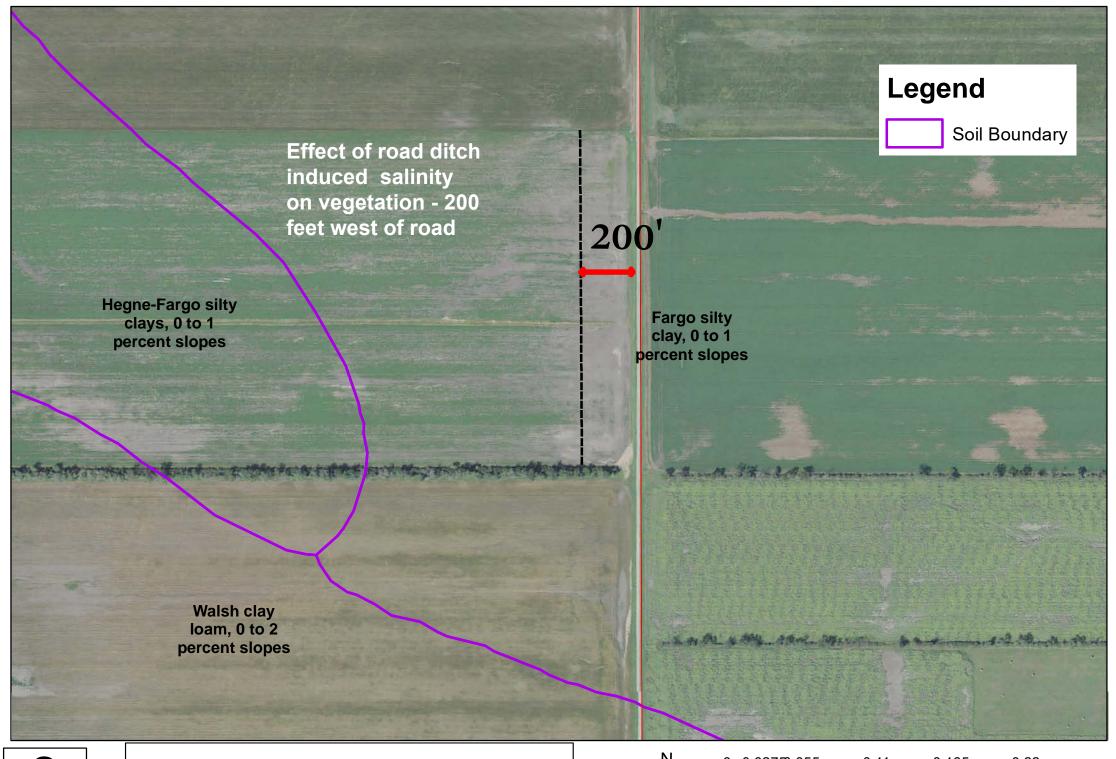


Figure C- 6: Visible Road Ditch Salinity Example
7-159-55 Pembina County ND

N N

0 0.02750.055 0.11 0.165 0.22 Miles

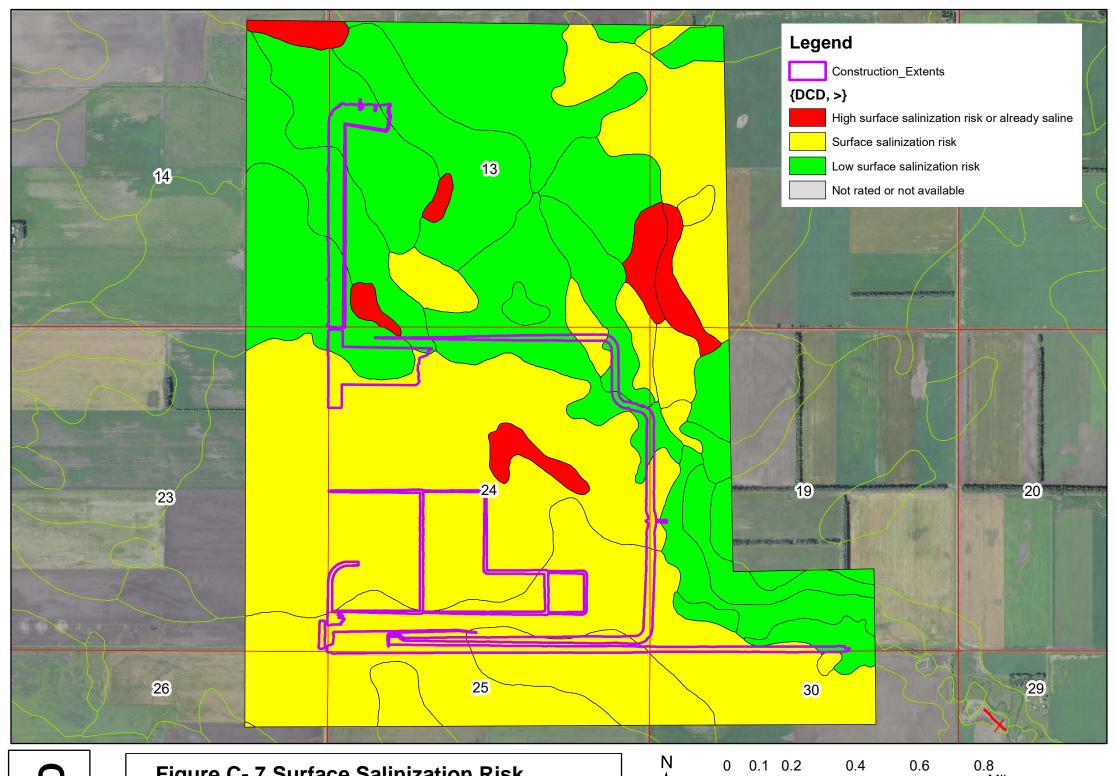
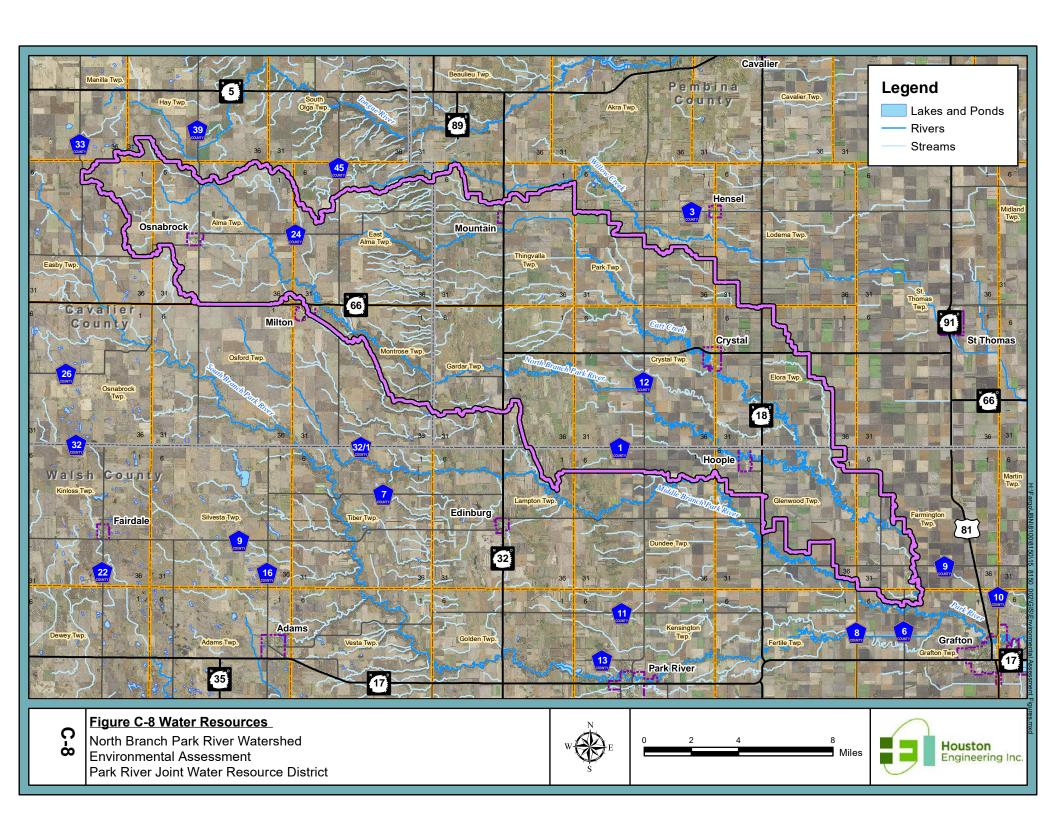
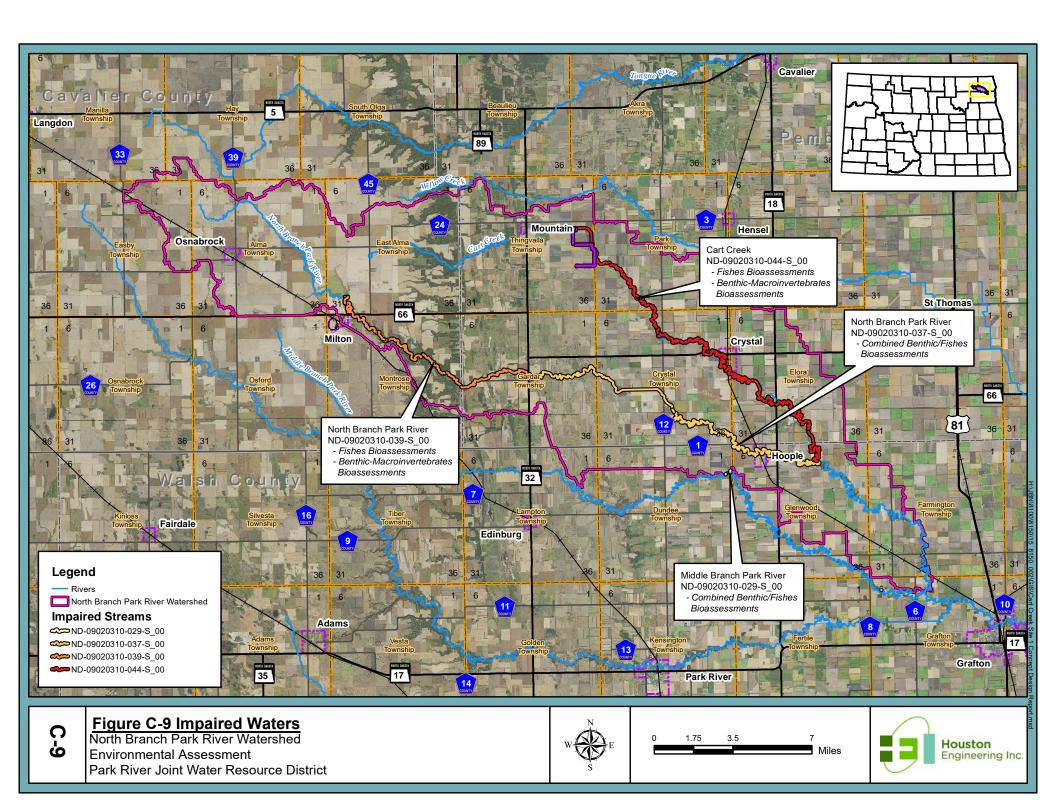
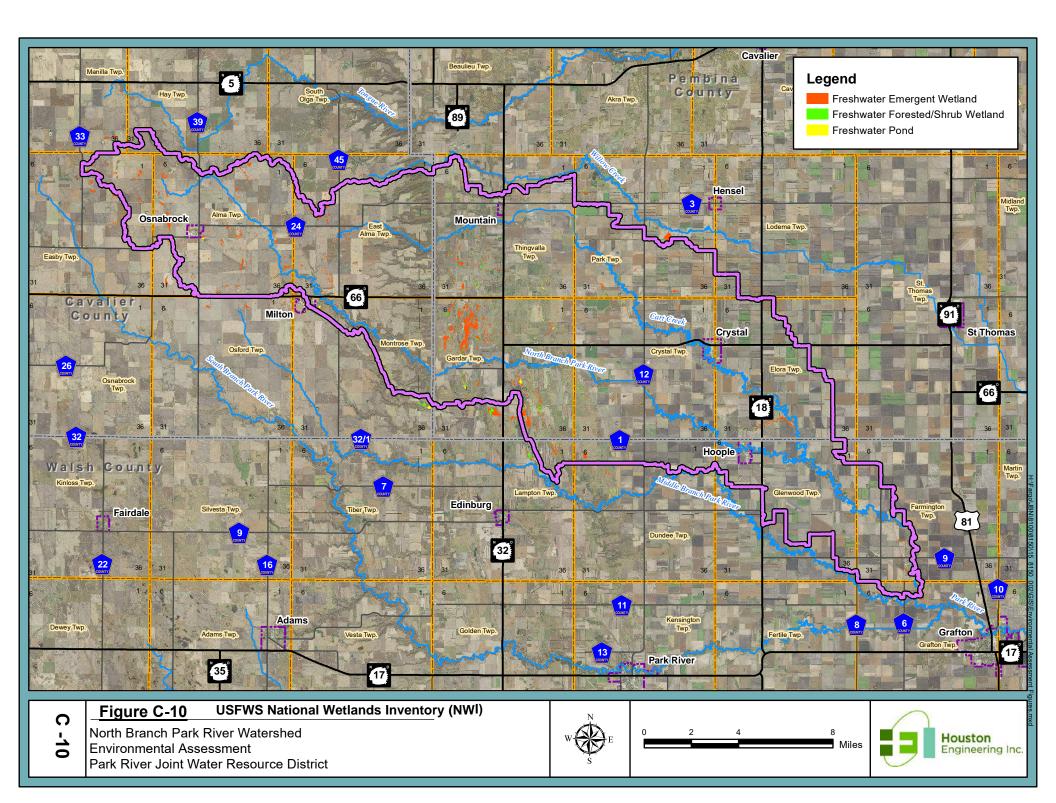


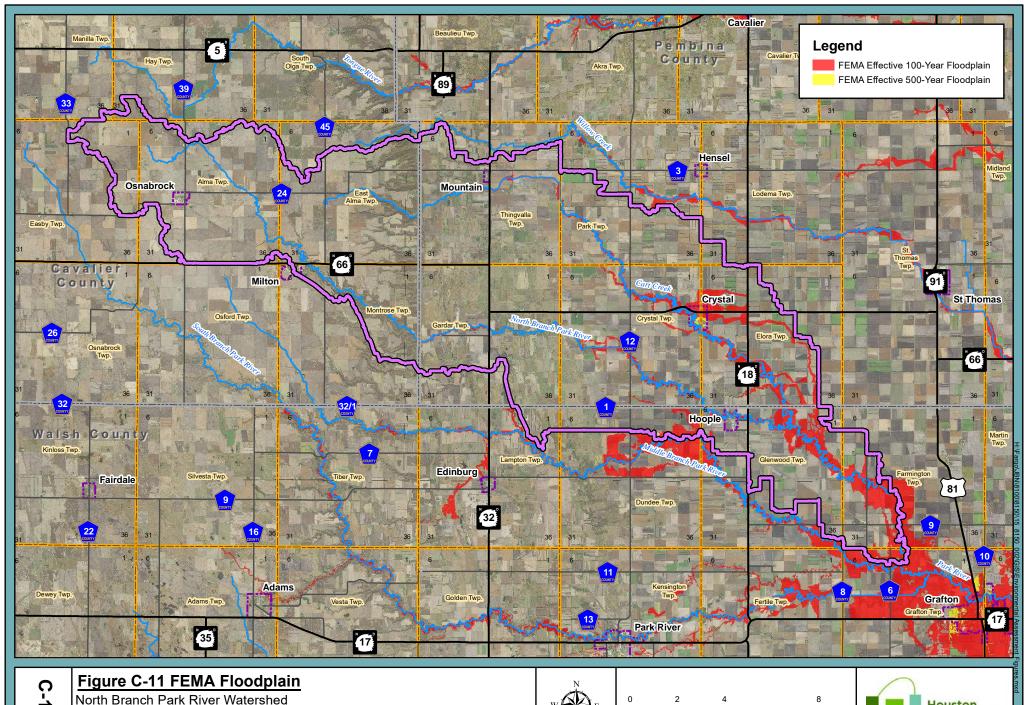
Figure C- 7 Surface Salinization Risk T160 R56 Pembina County ND









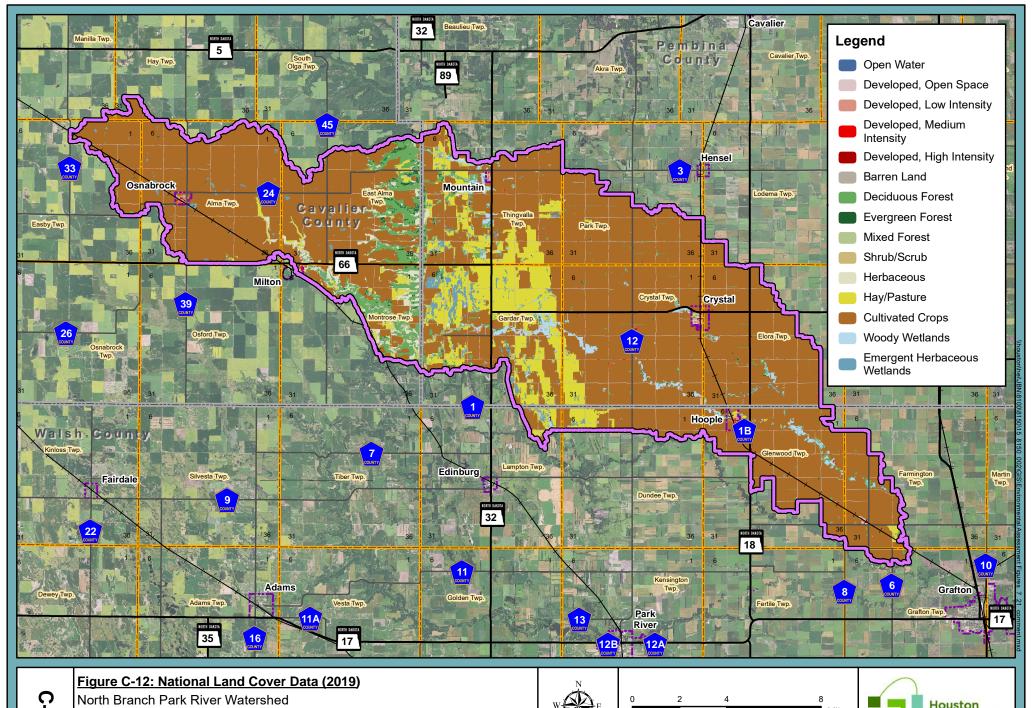


Environmental Assessment Park River Joint Water Resource District









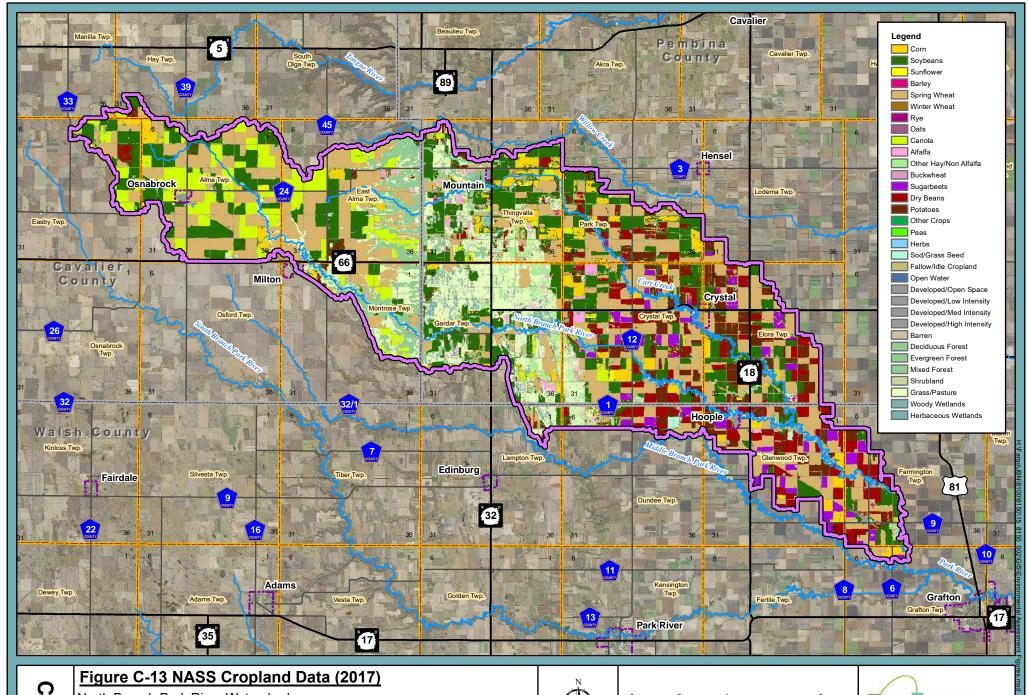
Environmental Assessment

Park River Joint Water Resource District





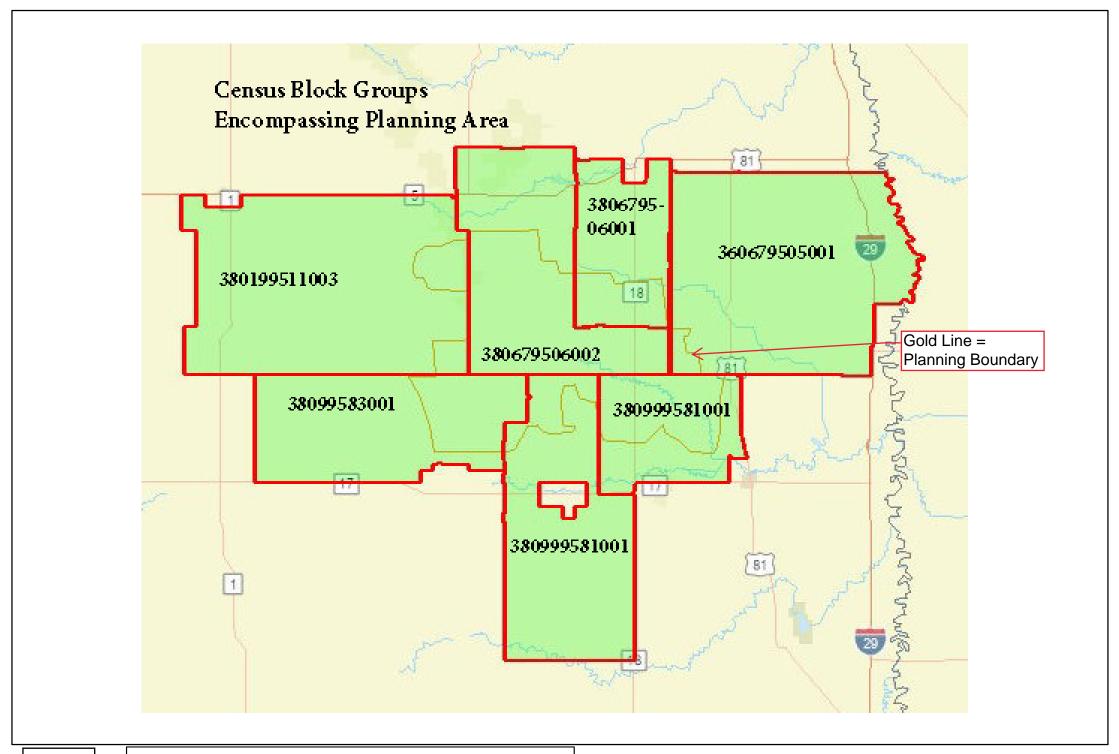








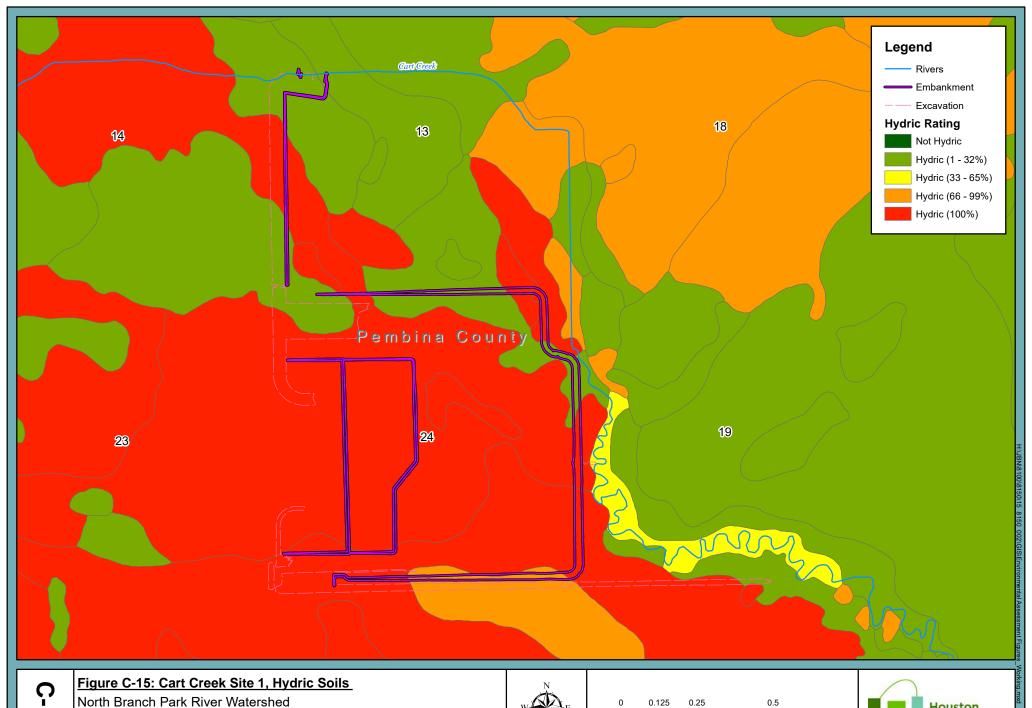




C-14

<u>Figure C- 14: Census Block Groups</u>

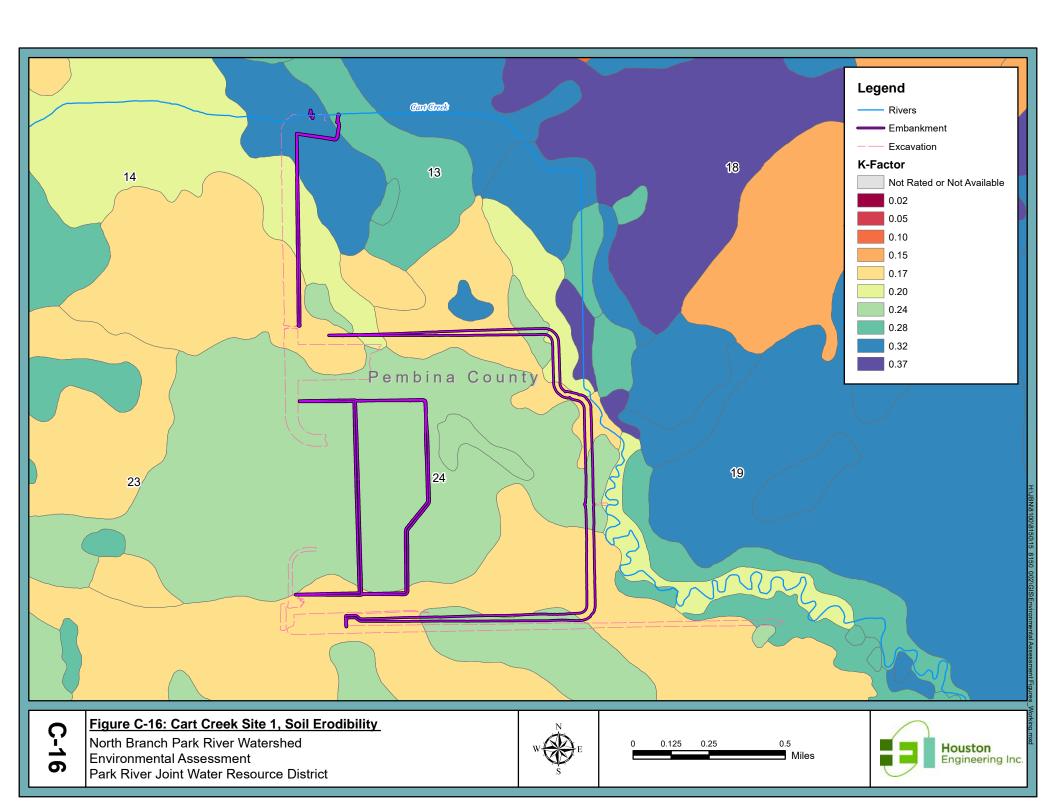
Pembina, Walsh and Cavalier Counties

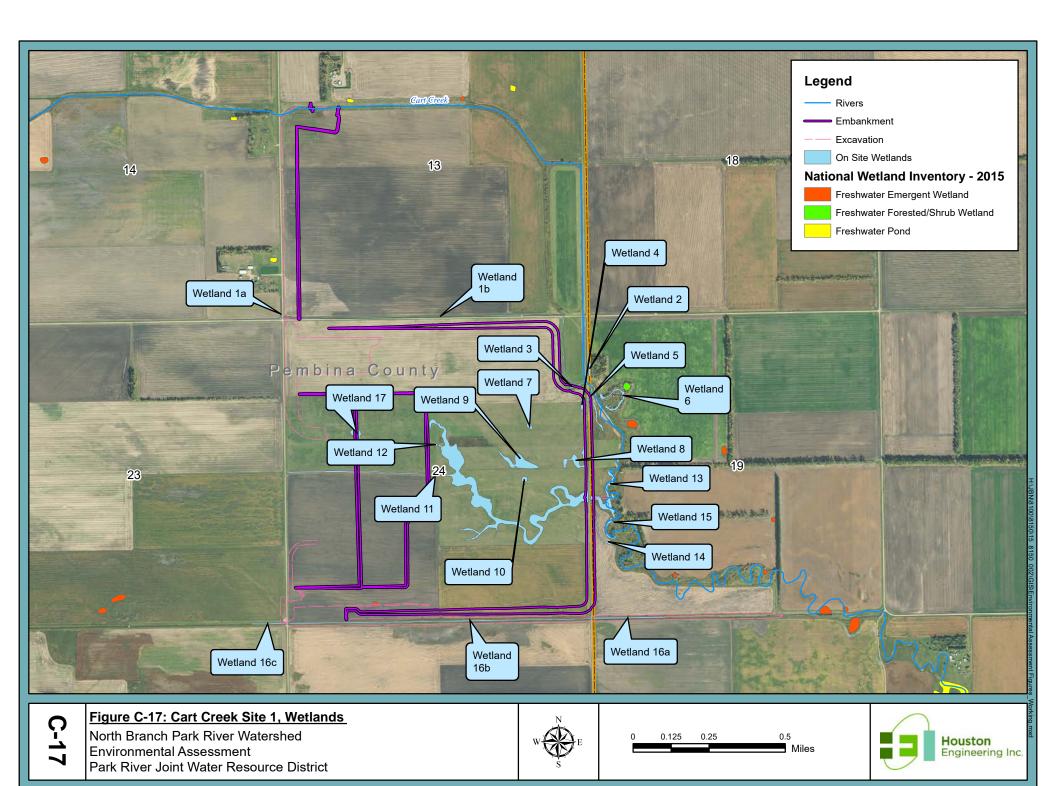


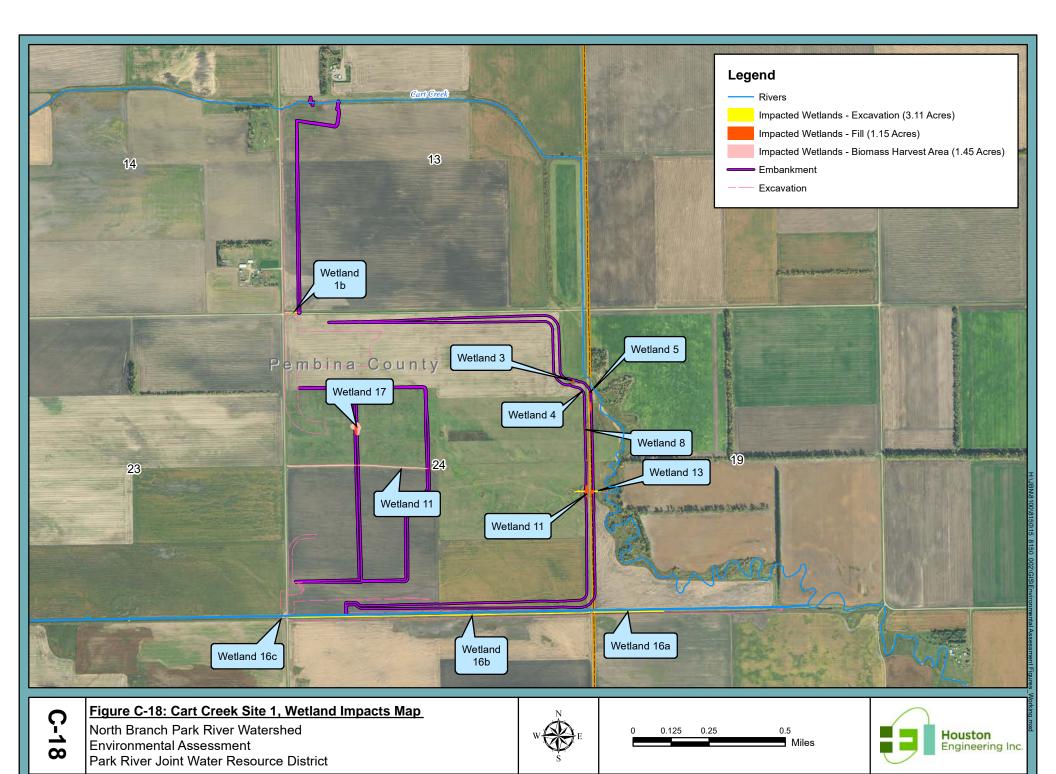


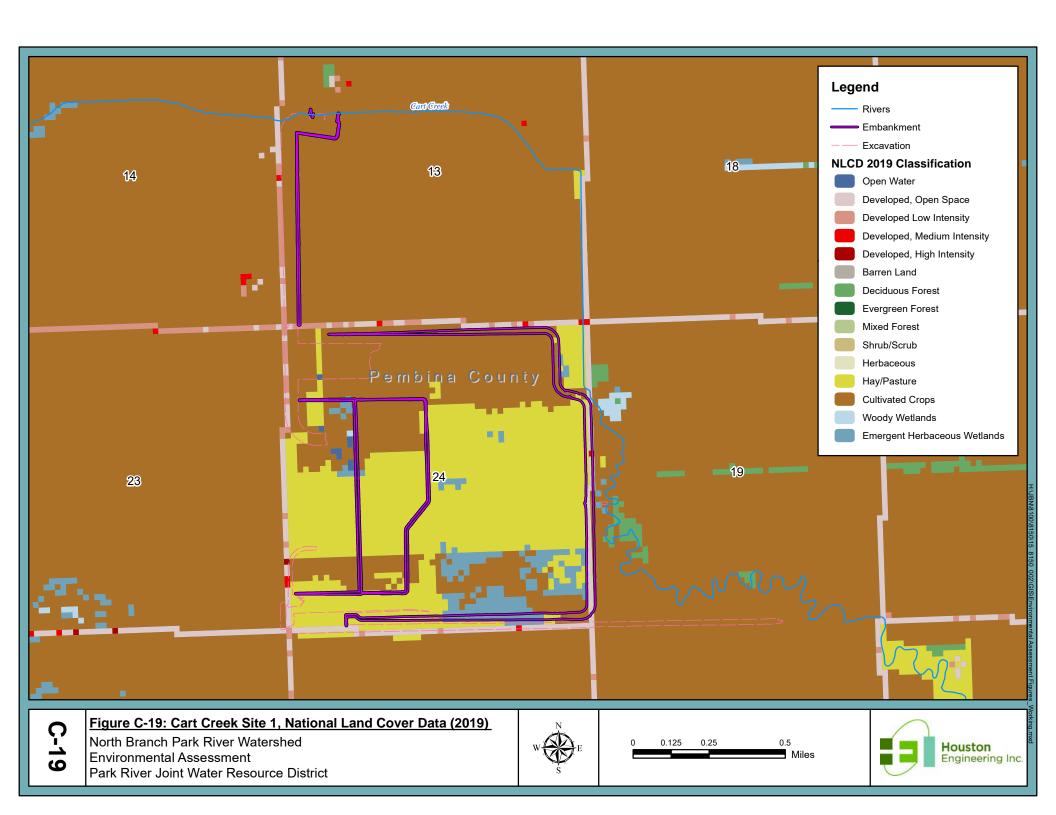


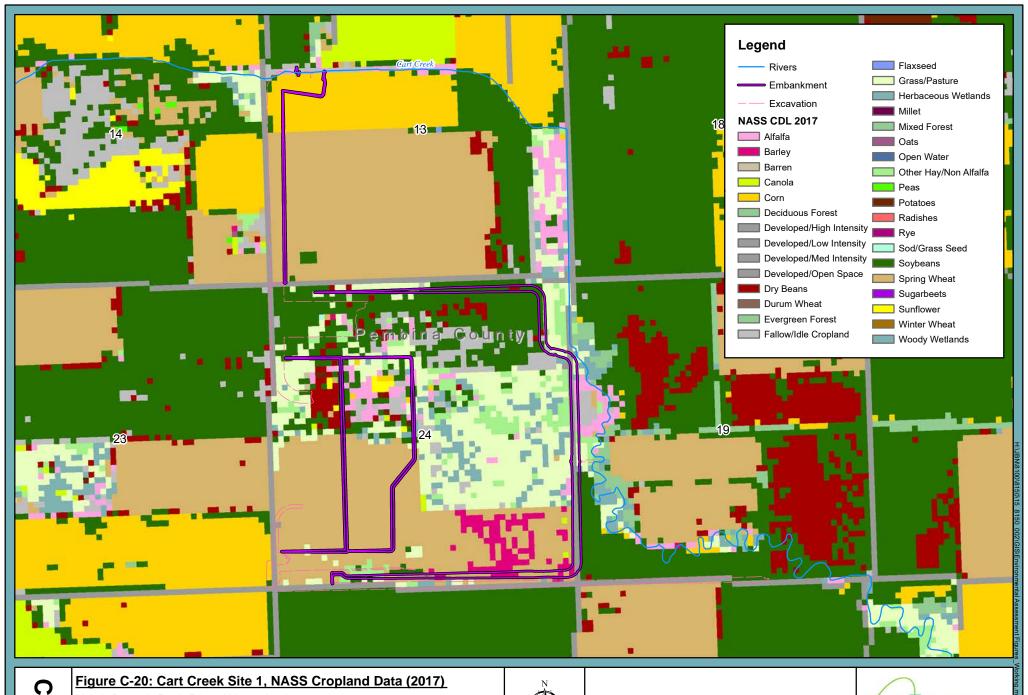








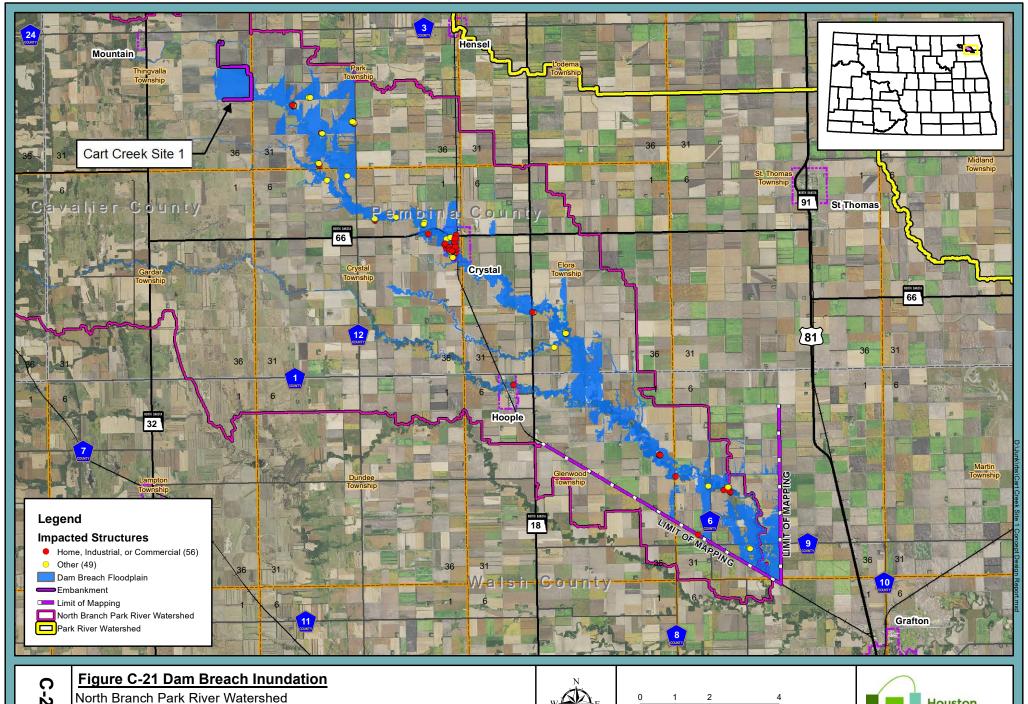












Environmental Assessment Park River Joint Water Resource District







