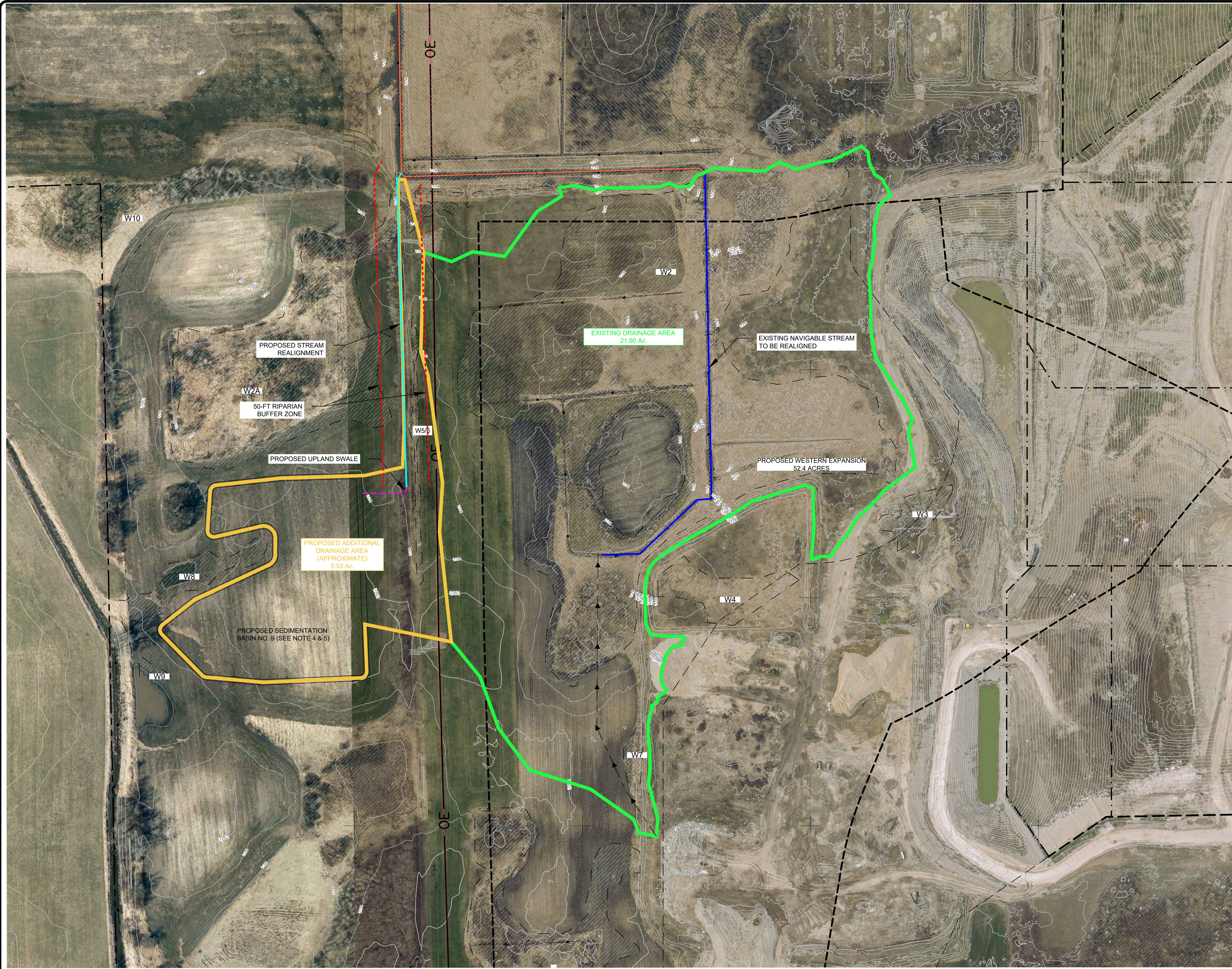


June 6, 2023
Mr. Marty Dillenburg

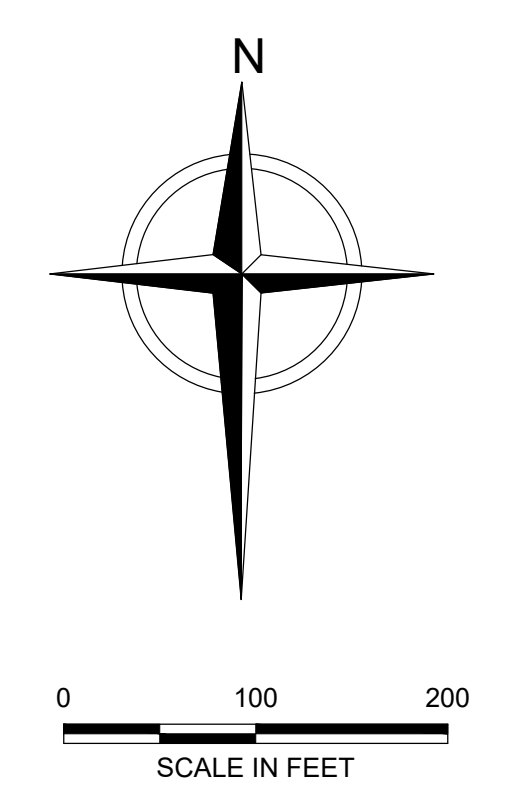
ATTACHMENT 5 – PROPOSED STREAM REALIGNMENT DRAINAGE AREAS

1" = 120' SCALE
 File: X:\PROJECTS\EMERALD PARK\2022 FEASIBILITY RESPONSE\Plan Set\4221384.dwg - PRE-FEASIBILITY RESPONSE.dwg
 Layer: DRWG - LINE
 User: SCOTT WILSON
 Date: 06/01/2023 12:28pm



- LEGEND**
- APPROXIMATE PROPERTY LINE
 - PAVED ROAD
 - UNPAVED ROAD
 - FENCE
 - BUILDING
 - TREES AND/OR BRUSH
 - DELINEATED WETLAND
 - WETLAND ID PER 2015 DELINEATION REPORT
 - MANMADE SURFACE WATER BODY
 - SURFACE WATER BODY
 - GRID INTERSECTION
 - PERMITTED LIMITS OF WASTE
 - OVERHEAD ELECTRIC LINE
 - DRAINAGE DITCH AND FLOW DIRECTION
 - PROPOSED EXPANSION LIMITS
 - PROPOSED STREAM REALIGNMENT
 - EXISTING NAVIGABLE STREAM TO BE REALIGNED
 - EXISTING NAVIGABLE STREAM (NO PROPOSED IMPACTS)
 - PROPOSED UPLAND SWALE
 - EXISTING DRAINAGE AREA
 - PROPOSED ADDITIONAL DRAINAGE AREA
 - TIME OF CONCENTRATION ROUTE
 - 50-FT RIPARIAN BUFFER ZONE

- NOTES:**
1. AERIAL PHOTOGRAPH BY COOPER AERIAL SURVEYS ON APRIL 27, 2022 AND BY SRMC ON APRIL 8, 2017.
 2. WETLANDS ON THIS DRAWING ARE A COMBINATION OF 2015, 2009 AND EARLIER DELINEATIONS.
 3. EXISTING NAVIGABLE STREAM AREAS IDENTIFIED BY WDNR DURING 2007 AND 2014 FIELD VISITS.
 4. PRELIMINARY RECONFIGURATION OF BOUNDARIES TO AVOID IMPACTS TO WETLAND W8 (DESIGN NOT FINALIZED)
 5. MAINTAIN 35' SETBACK FROM CREST OF BASIN BERM TO ORDINARY HIGH WATER MARK OF PROPOSED STREAM



REV	DATE	DESCRIPTION	OWN BY	DES BY	CHK BY	APP BY

DATE OF ISSUE 05/31/2023	DRAWN BY SSW	CHECKED BY LRS	APPROVED BY MJT
DESIGNED BY SSW			



GFL ENVIRONMENTAL
 EMERALD PARK LANDFILL
 MUSKEGO, WISCONSIN

**WESTERN EXPANSION
 DRAINAGE AREA MAP**

FIGURE NO.
01
 PROJECT NO.
 4221384