APPENDIX E1: CLAY BORROW

LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- BORING LOCATION

NOTES:

1. SOURCE OF AERIAL IMAGE: Esri, MAXAR, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and GIS UserCommunity Powered by Esri.
2. COORDINATE SYSTEM IS WISCONSIN STATE PLANE, NAD83, SOUTH ZONE, US FOOT.
3. TEST PITS TP-10, TP-11 & TP-12 ARE FROM A CLAY BORROW INVESTIGATION BY AYRES ASSOCIATES (2017).
4. AVERAGE CLAY THICKNESS AT SOIL BORING LOGS TP-3, TP-10, TP-11 AND TP-12 IS APPROXIMATELY 6.7 FEET. REMAINING PERMITTED CLAY BORROW SOURCE AREA IS APPROXIMATELY 67,921 SQ FT. THEREFORE, ESTIMATED REMAINING CLAY VOLUME IS APPROXIMATELY 16,500 CUBIC YARDS.

N

0 100 200
SCALE IN FEET

REV	DATE	DESCRIPTION	DWN BY	DES BY	CHK BY	APP BY

DATE OF ISSUE: OCT. 2025
DRAWN BY: SRC
DESIGNED BY: AC
CHECKED BY: JIGT
APPROVED BY: JIGT

TETRA TECH

ALL PROFESSIONAL ENGINEERING WORK IS PERFORMED BY DULY LICENSED PROFESSIONAL ENGINEERS UNDER THE APPROPRIATE STATE REGISTERED PROFESSIONAL ENTITY.

ADAMS COUNTY SOLID WASTE DEPARTMENT
ADAMS COUNTY SANITARY LANDFILL
ADAMS COUNTY, WISCONSIN

FEASIBILITY REPORT ADDENDUM NO.1

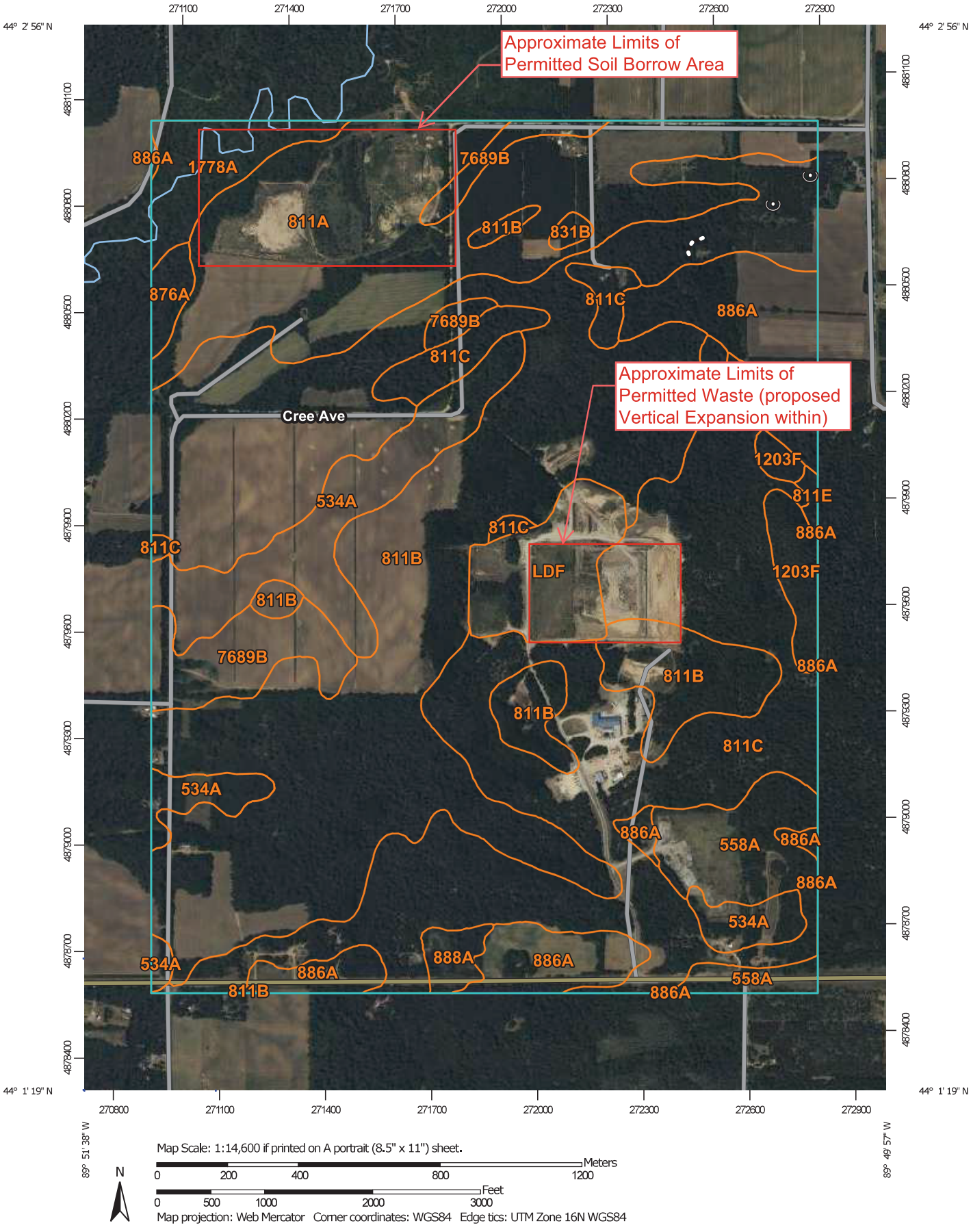
REMAINING SOIL VOLUME ESTIMATE
PERMITTED SOIL BORROW AREA (NW SITE)

FIGURE NO.
E1-1

PROJECT NO.
4251274

Figure E1-2 Adams County Soils Map

Soil Map—Adams County, Wisconsin
(Adams County Sanitary Landfill & Soil Borrow Area)



MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Adams County, Wisconsin
Survey Area Data: Version 25, Sep 10, 2025

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jun 7, 2023—Jun 8, 2023

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
534A	Delton sand, 0 to 2 percent slopes	72.1	6.3%
558A	Wyeville loamy sand, 0 to 3 percent slopes	38.0	3.3%
811A	Plainfield sand, 0 to 2 percent slopes	160.0	13.9%
811B	Plainfield sand, 2 to 6 percent slopes	440.3	38.3%
811C	Plainfield sand, 6 to 12 percent slopes	247.2	21.5%
811E	Plainfield sand, 12 to 35 percent slopes	1.6	0.1%
831B	Richford loamy sand, 2 to 6 percent slopes	2.1	0.2%
876A	Pelkie loamy fine sand, river valleys, 0 to 3 percent slopes, occasionally flooded	6.3	0.6%
886A	Friendship loamy sand, 0 to 3 percent slopes	64.2	5.6%
888A	Meehan loamy sand, 0 to 3 percent slopes	6.8	0.6%
1203F	Boone-Rock outcrop complex, 25 to 45 percent slopes	15.0	1.3%
1778A	Winterfield-Evart complex, river valleys, 0 to 3 percent slopes, frequently flooded	23.7	2.1%
7689B	Coloma sand, 2 to 6 percent slopes	37.9	3.3%
LDF	Landfill	34.5	3.0%
Totals for Area of Interest		**1,149.9**	**100.0%**