



Stantec Consulting Services Inc.
209 Commerce Parkway, PO Box 128, Collage Grove WI 53527

April 24, 2014
File: 193702905

Attention: Tim Geoghegan
Yahara Materials, Inc.
P.O. Box 277
Waunakee, WI 53597

Dear Mr. Geoghegan,

Reference: Albion Quarry Preliminary Wetland Delineation

Stantec Consulting Services Inc. (Stantec) performed a preliminary wetland delineation on behalf of Yahara Materials, Inc. for a proposed gravel quarry (the "Project") on approximately 110 acres of land (the "Study Area"), located in Section 15, Township 05 North, Range 12 East, in the Town of Albion, Dane County, Wisconsin.

As part of the delineation, a review of U.S. Dept. of Agriculture Farm Service Agency (FSA) aerial photographs was completed prior to visiting the site. The on-site investigation was completed by Kate Remus of Stantec on April 14, 2014. Following the FSA review and the on-site investigation, two wetland areas have been identified within the Study Area. Wetland 1 (W1) is located along the southern boundary of the Study Area and Wetland 2 (W2) is located in the northwestern corner of the Study Area (Figure 2). W1 is primarily comprised of wet meadow community with isolated open water ponds, while W2 is farmed wetland.

In order to avoid direct wetland impacts, Yahara Materials has proposed to reduce the Project area footprint to exclude wetland areas W1 and W2. Secondary impacts to wetlands through all phases of the Project will be mitigated through the stormwater management plans created in accordance with the Dane County Erosion Control and Stormwater Management Ordinance. Measures to be implemented include stockpiling, seeding, and mulching of stripped topsoil for stabilization and to avoid erosion to surrounding areas. A polymer application will be utilized on soil stockpiles to minimize erosion before vegetation has established. Earthen berms, also to be seeded and mulched, and silt fence will be installed along the northern and southern Project area boundaries to trap sediment and slow runoff. Additionally, a water containment basin is proposed near the southern boundary of the Project area for stormwater storage to meet total suspended solid requirements before water is discharged to existing drainage swales that drain to W1. A stone weeper will be utilized at the outflow of the water containment basin to slow runoff velocity and trap sediment. Further, the existing wooded areas west and south of the Project are will be maintained which will further help slow and reduce runoff, remove sediment, and prevent erosion.

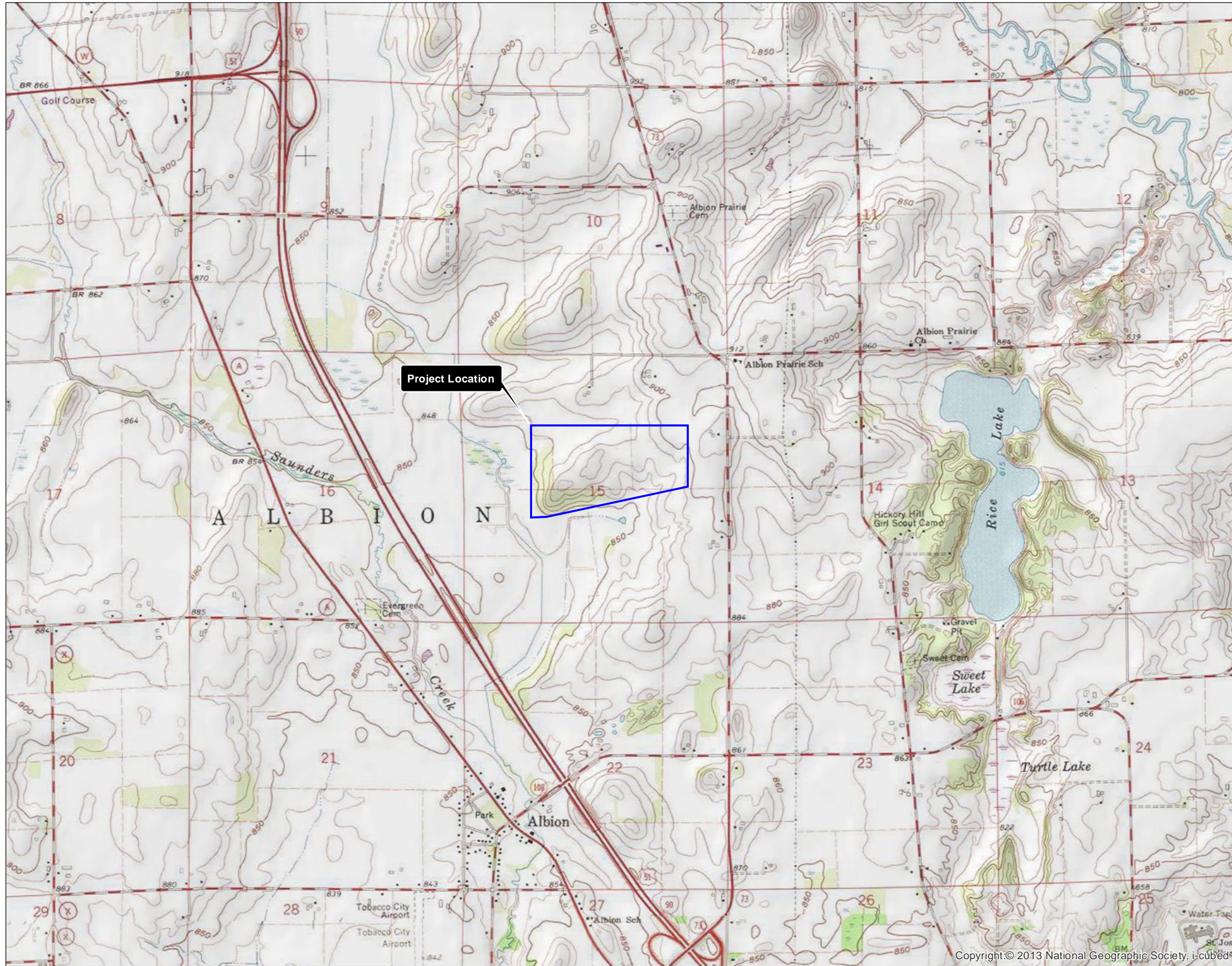
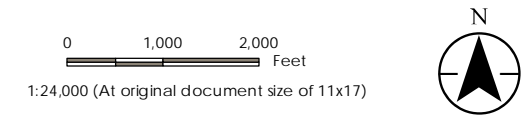


Figure No.
1
Title
Project Location and Topography

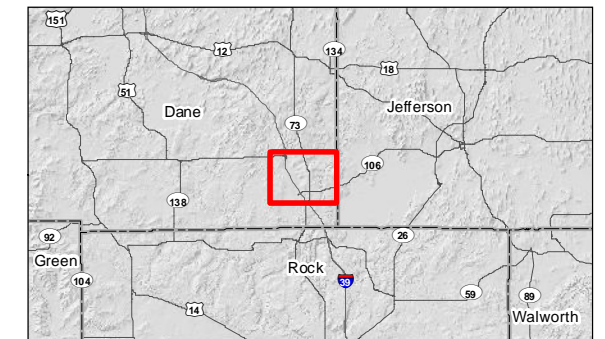
Client/Project
Yahara Materials, Inc.
Albion Quarry Preliminary Wetland Determination

Project Location
15N, R12E, S15
T. of Albion, Dane Co., WI

193702905
Prepared by KAS on 2014-04-01
Technical Review by AB on 2014-04-01
Independent Review by KMR on 2014-04-01



Legend
 Project Boundary



- Notes
1. Coordinate System: NAD 1983 StatePlane Wisconsin South FIPS 4803 Feet
 2. Data Sources Include: Stantec and USGS
 3. Orthophotography: USGS 7.5' Topographic Quadrangles



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 Revised: 2014.04.15 By: ksofau

VA1937\active\193702905\07_cak\mxd\AlbionQuarry_EnvironmentalFeatures.mxd - Revised: 2014.04.16 By: kcollins

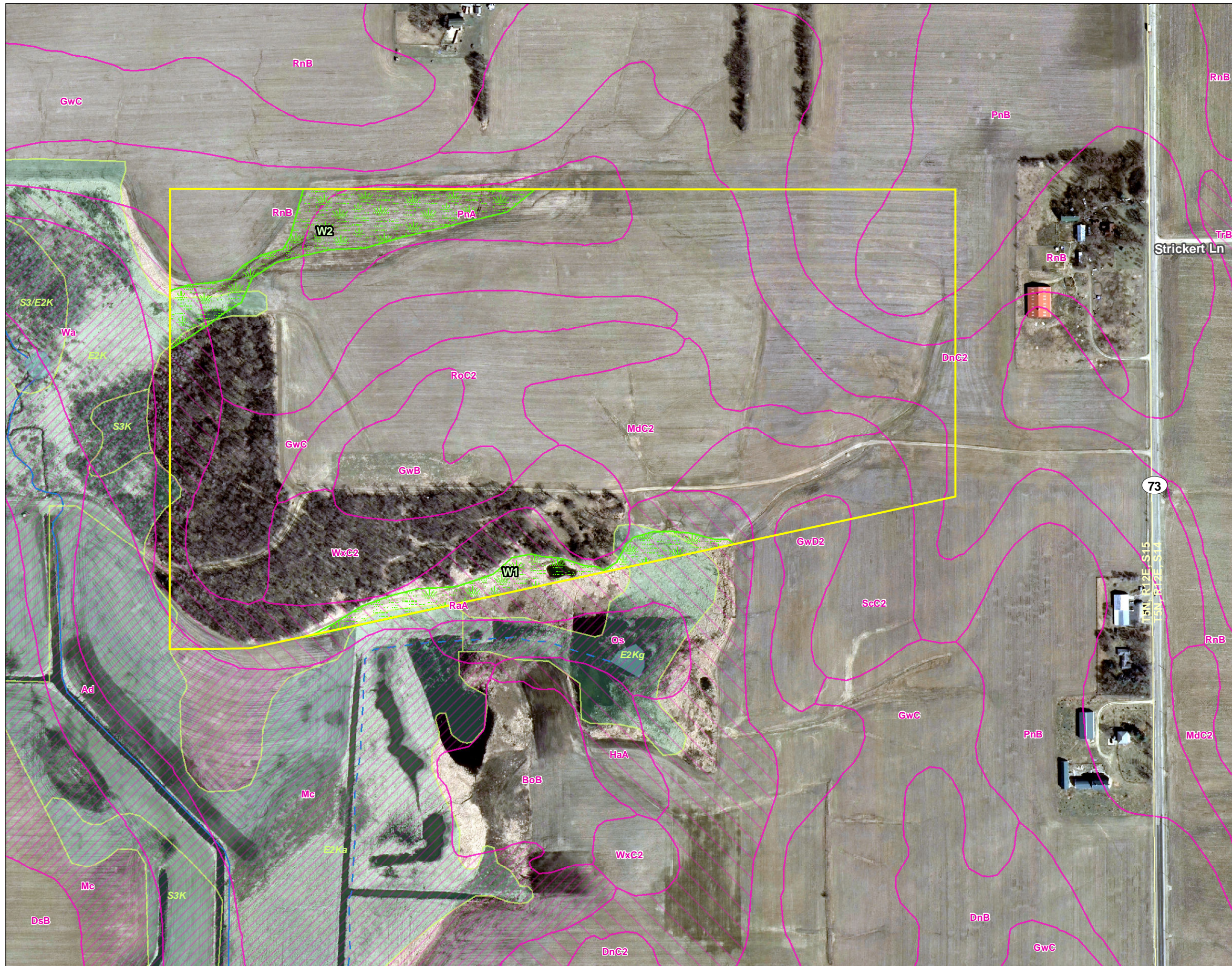


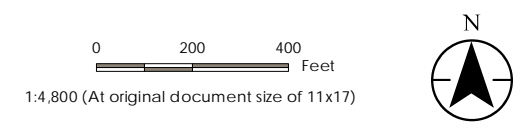
Figure No.
2

Title
Environmental Features and Preliminary Wetland Delineation

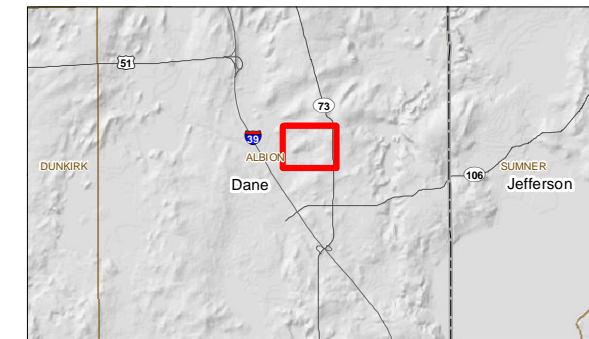
Client/Project
Yahara Materials, Inc.
Albion Quarry Preliminary Wetland Delineation

Project Location
T5N, R12E, S15
T. of Albion, Dane Co., WI

193702905
Prepared by KAS on 2014-04-15
Technical Review by AB on 2014-04-15
Independent Review by KMR on 2014-04-15



- Legend**
- Project Boundary
 - Field Delineated Wetland (Preliminary)
 - Wisconsin Wetland Inventory
 - NRCS Soil Survey Data
 - Hydric Soils
 - Possible Hydric Inclusions
 - Non-Hydric Soils
 - DNR 24k Hydrography
 - Perennial Stream
 - - - Intermittent Stream
 - Waterbody



- Notes
1. Coordinate System: NAD 1983 StatePlane Wisconsin South FIPS 4803 Feet
 2. Data Sources Include: Stantec, WDNR, NRCS, and WisDOT
 3. Orthophotography: 2010 WROC

