



RECEIVED
FEB - 2 2018
Kenosha County
Planning and Development

January 12, 2018

County of Kenosha
Department of Planning & Development
19600 75th Street
Bristol, WI 53104

Town of Wheatland
34315 Geneva Road
New Munster, WI 53152

RE: Conditional Use Application – Gravel Mining & Concrete Batching
Dyer Lake Sand & Gravel/Ozinga Ready-Mix
4111 392nd Avenue, Burlington, WI

To Whom It May Concern:

Enclosed are completed applications and fees required to request the renewal of our Conditional Use permit to mine glacial sand and gravel and, operate a ready-mix concrete batch plant on the properties known as 4111 392nd Avenue.

Collectively, these properties are leased and operated by Lafarge Aggregates and Ozinga Ready-Mix and each landowner has signed off on the renewal. Please process these applications at your earliest convenience.

If you have any questions or concerns, I can be reached at the address below or via e-mail at rtwille@meyermaterial.com.

Sincerely,

LAFARGE AGGREGATES

A handwritten signature in blue ink that reads 'Randi Wille'.

Randi Wille
Director of Land & Environment
Mid-America Region



December 2012

COUNTY OF KENOSHA

Department of Planning and Development

RECEIVED

FEB - 2 2018

Kenosha County
Planning and Development

CONDITIONAL USE PERMIT APPLICATION

(a) Property Owner's Name:

(See additional pages for Property Owner (x3) information and signatures)

Print Name: _____ Signature: _____

Mailing Address: _____

City: _____ State: _____ Zip: _____

Phone Number: _____ E-mail (optional): _____

Note: Unless the property owner's signature can be obtained in the above space, a letter of agent status signed by the legal property owner must be submitted if you are a tenant, leaseholder, or authorized agent representing the legal owner, allowing you to act on their behalf.

(b) Agent's Name (if applicable):

Print Name: Randi Wille Signature: Randi Wille, 1/12/18

Business Name: Lafarge Aggregates

Mailing Address: 1300 S. Illinois Route 31

City: South Elgin State: IL Zip: 60177

Phone Number: 847/417-2658 E-mail (optional): rtwille@meyermaterial.com

(c) Architect's Name (if applicable):

Print Name: N/A Signature: _____

Business Name: _____

Mailing Address: _____

City: _____ State: _____ Zip: _____

Phone Number: _____ E-mail (optional): _____

(d) Engineer's Name (if applicable):

Print Name: N/A Signature: _____

Business Name: _____

Mailing Address: _____

City: _____ State: _____ Zip: _____

Phone Number: _____ E-mail (optional): _____

CONDITIONAL USE PERMIT APPLICATION

(e) Tax key number(s) of subject site:

95-4-219-291-0100, 95-4-219-291-0300, 95-4-219-291-0400, 95-4-219-292-0200,
95-4-219-292-0300, 95-4-219-293-0100, 95-4-219-293-0200, 95-4-219-293-0300,
95-4-219-293-0400, 95-4-219-294-0100

Address of the subject site:

4111 392nd Avenue, Burlington, WI 53105

(f) Plan of Operation (or attach separate plan of operation)

Type of structure:

Sand & Gravel Processing Plant, Ready-Mix Concrete Batch Plant, Vehicle Maintenance & Equipment Storage Building, Aggregate Stockpiles, Truck Scale and Paved Entrance Road.

Proposed operation or use of the structure or site:

Continued conditional use to extract and process glacial sand and gravel for use in construction applications and for the production and delivery of ready-mix concrete.

Number of employees (by shift): 10 to 25 employees depending on daily production and delivery demands

Hours of Operation: 7:00 am to 6:00 pm

Any outdoor entertainment? If so, please explain: N/A

Any outdoor storage? If so, please explain: N/A

Zoning district of the property: A-1 with conditional use for M-3 activities (earth extraction, processing & concrete production)

(g) Attach a plat of survey prepared by a land surveyor registered by the State of Wisconsin or site plan drawn to scale and approved by the Department of Planning and Development showing all of the information required under section 12.05-1(h)3 for a zoning permit. In addition, the plat of survey or site plan layout shall show the location, elevation and use of any abutting lands and the location and foundation elevations of structures within 50 feet of the subject site; soil mapping unit lines; ordinary high water mark, historic high water marks and floodlands on or within 50 feet of the subject premises, and existing and proposed landscaping.

CONDITIONAL USE PERMIT APPLICATION

For conditional use permit applications that are made within shoreland and floodland areas, such description shall also include information that is necessary for the County Planning, Development & Extension Education Committee to determine whether the proposed development will hamper flood flows, impair floodplain storage capacity, or cause danger to human, animal or aquatic life. This additional information may include plans, certified by a registered professional engineer or land surveyor, showing existing and proposed elevations or contours of the ground; fill or storage elevation; basement and first floor elevations of structures; size, location, and spatial arrangement of all existing and proposed structures on the site; location and elevation of streets water supply and sanitary facilities; aerial photographs, and photographs showing existing surrounding land uses and vegetation upstream and downstream; soil types and any other pertinent information required by either the Planning, Development & Extension Education Committee or the Office of Planning and Zoning Administration:

(h) The Kenosha County Department of Planning and Development may ask for additional information.

(i) The fee specified in Section 12.05-8 of this ordinance.

Request for Conditional Use Permit \$750.00

(For other fees see the Fee Schedule)



December 2012

COUNTY OF KENOSHA

Department of Planning and Development

CONDITIONAL USE PERMIT APPLICATION

(a) Property Owner's Name:

Roland & Bonnie Denko

Print Name: Roland Denko

Signature: *R. Denko

Mailing Address: 3710 392nd Avenue

City: Burlington State: WI Zip: 53105

Phone Number: _____ E-mail (optional): _____

Note: Unless the property owner's signature can be obtained in the above space, a letter of agent status signed by the legal property owner must be submitted if you are a tenant, leaseholder, or authorized agent representing the legal owner, allowing you to act on their behalf.

(b) Agent's Name (if applicable):

Print Name: N/A Signature: _____

Business Name: _____

Mailing Address: _____

City: _____ State: _____ Zip: _____

Phone Number: _____ E-mail (optional): _____

(c) Architect's Name (if applicable):

Print Name: N/A Signature: _____

Business Name: _____

Mailing Address: _____

City: _____ State: _____ Zip: _____

Phone Number: _____ E-mail (optional): _____

(d) Engineer's Name (if applicable):

Print Name: N/A Signature: _____

Business Name: _____

Mailing Address: _____

City: _____ State: _____ Zip: _____

Phone Number: _____ E-mail (optional): _____



December 2012

COUNTY OF KENOSHA

Department of Planning and Development

CONDITIONAL USE PERMIT APPLICATION

(a) Property Owner's Name:

Raymond & Gloria Tenhagen

Print Name: Gloria Tenhagen Signature: Gloria Tenhagen

Mailing Address: 3910 376th Avenue

City: Burlington State: WI Zip: 53105

Phone Number: _____ E-mail (optional): _____

Note: Unless the property owner's signature can be obtained in the above space, a letter of agent status signed by the legal property owner must be submitted if you are a tenant, leaseholder, or authorized agent representing the legal owner, allowing you to act on their behalf.

(b) Agent's Name (if applicable):

Print Name: N/A Signature: _____

Business Name: _____

Mailing Address: _____

City: _____ State: _____ Zip: _____

Phone Number: _____ E-mail (optional): _____

(c) Architect's Name (if applicable):

Print Name: N/A Signature: _____

Business Name: _____

Mailing Address: _____

City: _____ State: _____ Zip: _____

Phone Number: _____ E-mail (optional): _____

(d) Engineer's Name (if applicable):

Print Name: N/A Signature: _____

Business Name: _____

Mailing Address: _____

City: _____ State: _____ Zip: _____

Phone Number: _____ E-mail (optional): _____



December 2012

COUNTY OF KENOSHA

Department of Planning and Development

CONDITIONAL USE PERMIT APPLICATION

(a) Property Owner's Name:

Herbert Robers

Print Name: Herbert Robers

Signature: * Herbert Robers

Mailing Address: 233 Origin Street

City: Burlington

State: WI

Zip: 53105

Phone Number: 262/763-5538

E-mail (optional): _____

Note: Unless the property owner's signature can be obtained in the above space, a letter of agent status signed by the legal property owner must be submitted if you are a tenant, leaseholder, or authorized agent representing the legal owner, allowing you to act on their behalf.

(b) Agent's Name (if applicable):

Print Name: N/A

Signature: _____

Business Name: _____

Mailing Address: _____

City: _____

State: _____

Zip: _____

Phone Number: _____

E-mail (optional): _____

(c) Architect's Name (if applicable):

Print Name: N/A

Signature: _____

Business Name: _____

Mailing Address: _____

City: _____

State: _____

Zip: _____

Phone Number: _____

E-mail (optional): _____

(d) Engineer's Name (if applicable):

Print Name: N/A

Signature: _____

Business Name: _____

Mailing Address: _____

City: _____

State: _____

Zip: _____

Phone Number: _____

E-mail (optional): _____

LaFarge Aggregates Illinois, Inc.

2017 Operations Summary Report

**Dyer Lake Sand & Gravel Mine, Town of Wheatland,
Kenosha County, Wisconsin**

Prepared by:

BAXTER & WOODMAN
Consulting Engineers

www.baxterwoodman.com

Date: December 19, 2017



LaFarge Aggregates Illinois, Inc. Dyer Lake Sand & Gravel Mine 2017 Operations Summary Report

TABLE OF CONTENTS

Section

1. INTRODUCTION
2. CURRENT MINING AND RECLAMATION ACTIVITIES
3. PROJECTED OPERATIONS

EXHIBITS

2017 Operations Report Exhibit

Dyer Lake Conceptual Reclamation Map

1. INTRODUCTION

LaFarge Aggregates Illinois, Inc. (LaFarge) currently operates the Dyer Lake Sand and Gravel Mine located on 392nd Avenue in the Town of Wheatland. In 1996, Kenosha County granted LaFarge a Conditional Use Permit to mine sand and gravel on the Dyer Lake parcels referenced above. In accordance with the Kenosha County Zoning Ordinance, the Conditional Use Permit, which allows for quarrying and other non-metallic mining in the M-3 Zoning District, expires at the end of two (2) years upon which time a renewal of the conditional use permit is required. This report and attached 2017 Operations Summary Report Exhibit outline the current and projected mining plan for the Dyer Lake operation and is intended as a descriptive and graphic summary of the operations and reclamation at Dyer Lake and is a supplement to the Conditional Use Permit renewal application.

2. CURRENT MINING AND RECLAMATION ACTIVITIES

On November 10, 2017 a representative of Baxter & Woodman, Inc. (BWI) conducted a site visit accompanied by a representative of LaFarge at the Dyer Lake facility. This report was prepared by BWI and is intended to represent the status of the mining operation as of the date referenced above. The report was prepared using notes and observations collected during the site visit. Additionally, information was provided to BWI by LaFarge.

In accordance with the mining plan and report prepared for the original 1996 conditional use permit application, LaFarge is operating a sand and gravel extraction operation, a material processing plant and a material conveyance system for the processing, storage, sale and transport of sand and gravel products.

The existing permanent material processing plant currently in operation is located at the north side of the Redi-Mix concrete plant operated by Ozinga. As part of the material processing plant, an existing settling pond is located on the east side of the processing plant and an existing freshwater pond is located on the south side of the processing plant.

CELL 6

During 2017, mining has been completed in the southern half of cell 6 and soils materials have been placed in the southern half of Cell 6 which will be utilized in the reclamation of this area in 2018.

Mining operations in 2017 have continued in the northern triangular portion of Cell 6 and mining operations will be completed in northern portion of Cell 6 in the spring of 2018 and once mining has been completed in the north portion of Cell 6, a slope will be graded from the existing ground surface on the east side of the underground pipeline easement to the floor of Cell 6. This slope will be graded to an 8:1 grade. Topsoil, seeding and erosion control materials will be placed on the reclaimed slope to stabilize the slope until vegetation has been established.

CELL 5

Currently, the ground surface in Cell 5 has been mined to approximately 2 to 3 feet above the groundwater. Due to the presence of sand and gravel material below the water table in Cell 5, mining operations above and below water in Cell 5 will begin in 2018 and extend into 2019. Soil stockpiles located in Cell 5 will be moved to the north, east, south and west perimeters of Cell 5 and stored in screening berms before mining commences. The soil in the berms will be utilized to reclaim the slopes when mining is completed in Cell 5. The above and below water mining activities will create a lake area in Cell 5 when mining and reclamation is complete.

The main conveyor system transports material mined from Cell 6 to the processing plant. A feeder conveyor in the active extraction areas in Cell 6 transports material to the main conveyor system where it is transported to the material processing plant. An existing service access road is located on the north side of the existing main conveyor system and travels from the material processing plant to the central portion of Cell 6. This conveyor system will remain in operation as mining is completed in Cell 6 and the conveyor system will also be utilized for material mined and transported from Cell 7.

CELL 7

Existing extraction operations in Cell 6 will be completed in the spring of 2018, as referenced above, and mining operations will then begin in Cell 7 on the north side of the underground piping easement. A pipeline easement crossing will be constructed to allow mining vehicles to cross the pipelines and access Mining Cell 7 on the north side of the pipeline easement. The crossing will be constructed to protect the underground pipelines from damage. The topsoil and overburden will be stripped in the northeastern portion of Cell 7 in the spring of 2018 and the material will be stored in berms on the perimeter of Cell 7. This berm material will be utilized to reclaim the slopes surrounding Cell 7 when mining is completed. Once the topsoil and overburden have been removed sand and gravel extraction will begin in Cell 7 and continue through 2019. Mining operations in the western half of Cell 7 will be conducted in the future.

The existing permanent material processing plant, currently in operation, is located on the western portion of the property on the north side of the Redi-Mix concrete plant. As part of the material processing plant, an existing settling pond is located on the east side of the processing plant and an existing freshwater pond is located on the south side of the processing plant.

The existing Redi-Mix concrete plant is operating on the southwest side of the material processing area (see attached 2017 Reclamation Report exhibit).

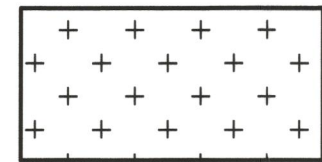
3. PROJECTED OPERATIONS

Under this Conditional Use Permit renewal, sand and gravel extraction will proceed at the Dyer Lake facility through the year 2019. Earth extraction activities will continue in the northwestern half of mining Cell 6 until complete. At the completion of mining in Cell 6 the south and north slopes will be reclaimed, seeded and stabilized with erosion control measures until vegetation is established. In the spring of 2018, extraction of sand and gravel will begin above and below water in Cell 5. Concurrently sand and gravel extraction will begin in Cell 7 in the spring of 2018 after topsoil and overburden have been removed and stored in berms for future reclamation.

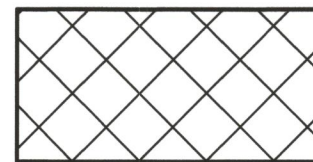
It should be noted that it is difficult to project economic conditions and to predict future economic and industry market conditions. For this reason, the progress outlined above is a projection and mining may proceed at a lesser or greater rate depending on economic market conditions and demand for construction materials. Mining shall proceed in accordance with the Kenosha County Zoning Ordinance as it pertains to quarrying and non-metallic mining and the Conditional Use Permit under which the Dyer Lake Mine operates.

A Conceptual Reclamation Map exhibit for the Dyer Lake Sand and Gravel Mine has been included in this report. The exhibit depicts conceptual reclamation grading contours, two potential ponds and seeding areas as a conceptual reclamation plan for the Dyer Lake Sand and Gravel Mine.

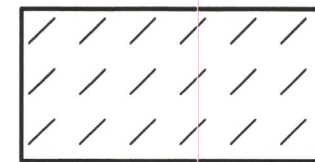
I:\CRYSTAL LAKE\LAFWA\171118-WHEATLAND YO 2017 RECLAMA\40-DESIGN\2015 REPORT\RECLAMATIONREPORT\EXHIBIT_2017.DWG 2017 OPERATIONS EXHIBIT
Plotted: 1/25/2018 9:09 AM By: 56DKS
Copyright © 2018, By Baxter & Woodman, Inc.
State of Wisconsin - Professional Design Firm
License No. - 484-011 - Expires 1-31-16



RECLAMATION
COMPLETED



MINING COMPLETED,
RECLAMATION TO BE
COMPLETED IN 2016



CURRENT MINING AREA

PHOTO DATE: APRIL 2017



BAXTER & WOODMAN
Consulting Engineers

CONSULTANTS

REVISIONS

DESCRIPTION

NO. DATE

REFER TO EQUIPMENT MANUFACTURER'S SHOP DRAWING

PLAN SHEET DESIGNATION

COVER
GENERAL
HAZARDOUS MATERIALS
CIVIL
LANDSCAPE
STRUCTURAL
ARCHITECTURAL
INSTRUMENTATION
EQUIPMENT
FIRE PROTECTION
PLUMBING
MECHANICAL
ELECTRICAL
TELECOMMUNICATIONS
RESOURCE

PROJECT NO: 171118.40

SCALE: 1" = 200'
DRAWING DATE: 11/16/2017
DESIGNED BY: DHP
DRAWN BY: DKS
CHECKED BY: DHP

CLIENT

**LAFARGE AGGREGATES
ILLINOIS, INC**

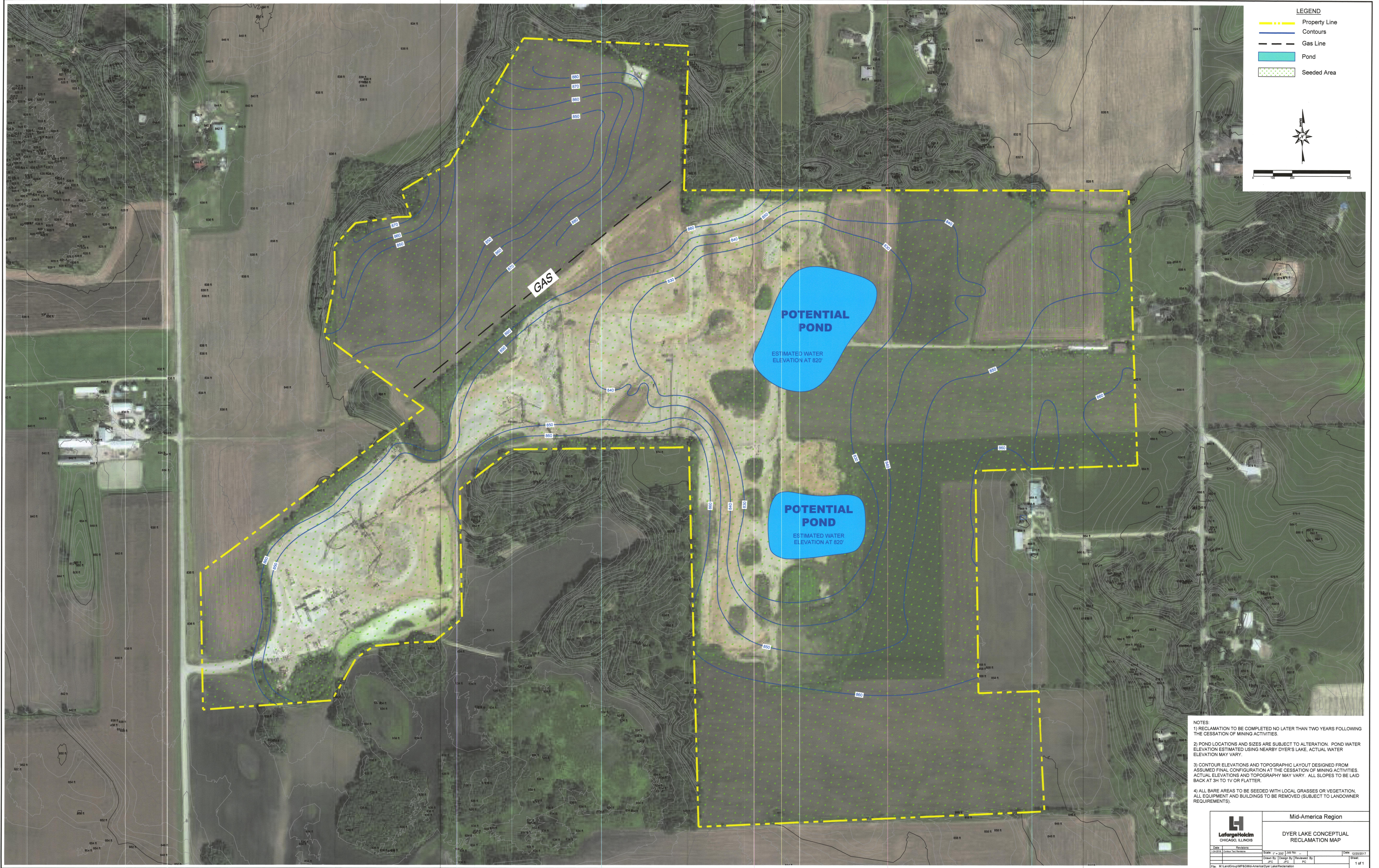
**DYER LAKE
SAND & GRAVEL MINE**

**TOWN OF WHEATLAND
KENOSHA COUNTY
WISCONSIN**

SHEET TITLE

**2017
OPERATIONS
REPORT**

1 OF 1



- NOTES:
- 1) RECLAMATION TO BE COMPLETED NO LATER THAN TWO YEARS FOLLOWING THE CESSATION OF MINING ACTIVITIES.
 - 2) POND LOCATIONS AND SIZES ARE SUBJECT TO ALTERATION. POND WATER ELEVATION ESTIMATED USING NEARBY DYER'S LAKE, ACTUAL WATER ELEVATION MAY VARY.
 - 3) CONTOUR ELEVATIONS AND TOPOGRAPHIC LAYOUT DESIGNED FROM ASSUMED FINAL CONFIGURATION AT THE CESSATION OF MINING ACTIVITIES. ACTUAL ELEVATIONS AND TOPOGRAPHY MAY VARY. ALL SLOPES TO BE LAID BACK AT 3H TO 1V OR FLATTER.
 - 4) ALL BARE AREAS TO BE SEED WITH LOCAL GRASSES OR VEGETATION. ALL EQUIPMENT AND BUILDINGS TO BE REMOVED (SUBJECT TO LANDOWNER REQUIREMENTS).

Lafayette CHICAGO, ILLINOIS		Mid-America Region	
Date: 12/20/2017		Dyer Lake Conceptual Reclamation Map	
Drawn By: JFC	Design By: JFC	Reviewed By: JFC	Sheet: 1 of 1
File: M:\Lafayette\MP\Mid-America Region\Dyer Lake\Reclamation		Scale: 1" = 200'	