



# WELCOME

## *Aggregate Resources Act* Public Information Session

### Goodwood Pit Extension

Copies of the Technical Reports & Site Plan can be accessed from:

[www.lafarge.ca/en/goodwood-pit-extension](http://www.lafarge.ca/en/goodwood-pit-extension)

Comments on the Pit Licence Application are to be submitted to the MNRF and Lafarge Canada by  
**July 2<sup>nd</sup>, 2024.**

Comments are to be sent to:  
**ARAapprovals@ontario.ca and [chris.galway@Lafarge.com](mailto:chris.galway@Lafarge.com)**



# THE APPLICATION PROCESS

Lafarge Canada has submitted an Aggregate Resources Act (ARA) Licence application to the Ministry of Natural Resources and Forestry. Lafarge has also submitted an Official Plan Amendment and Zoning By-Law Amendment to the Region of Durham and the Township of Uxbridge.

The flow charts below outline the application processes:

## Aggregate Resources Act Licence Application Process



## Planning Act Official Plan & Zoning By-Law Amendment Process



We are here

We are here

Comments on the ARA Licence Application are to be submitted to the MNRF and Lafarge Canada by July 2nd, 2024.

Comments are to be sent to:

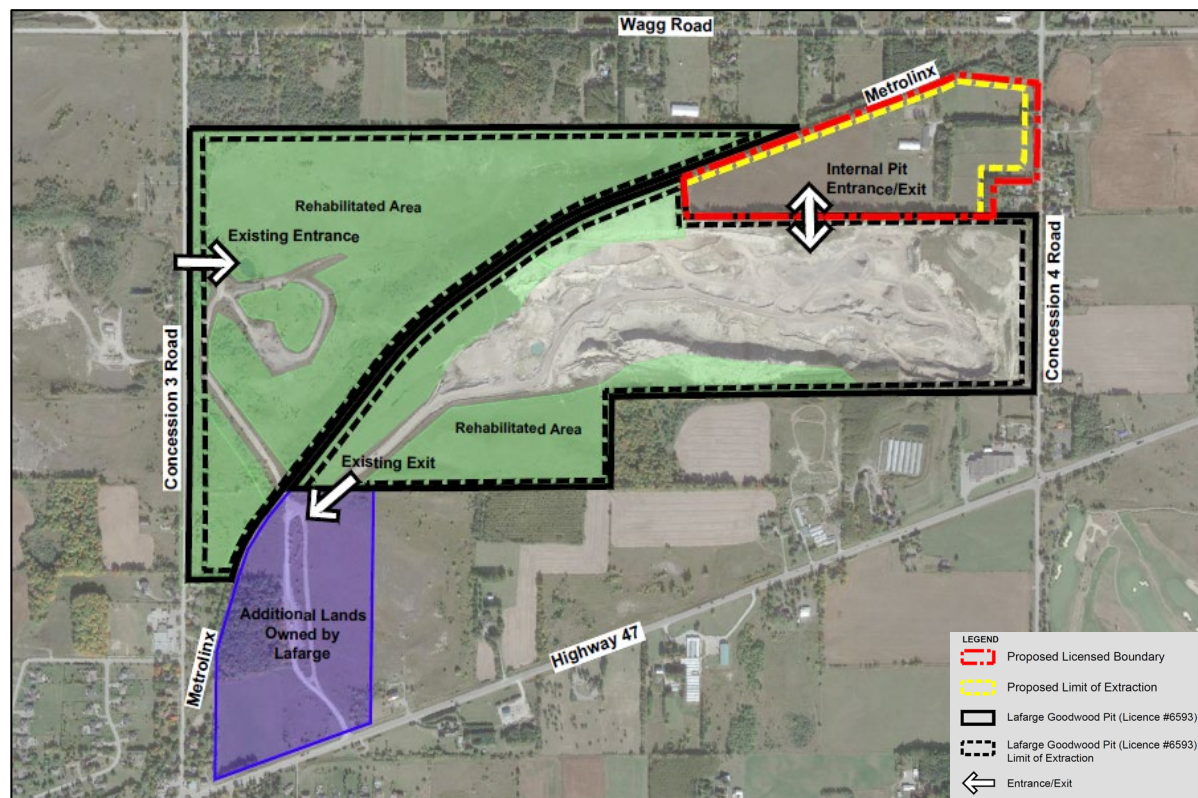
[ARAapprovals@ontario.ca](mailto:ARAapprovals@ontario.ca) and [chris.galway@Lafarge.com](mailto:chris.galway@Lafarge.com)

# Goodwood Pit Extension Project Overview

The proposed Goodwood Pit Extension will have a **Licence Boundary of 17.9ha** and a **Limit of Extraction of 15.4 ha**.

Extraction will occur above and below the water table.

Access will be via the existing pit and trucks will use the existing haul route. **There will be no increase in truck traffic and no change to pit operations.**



## Rehabilitation

The Goodwood Extension Pit will be progressively rehabilitated to a water-feature with naturalized shorelines and slopes with native tree and shrub plantings. A portion of the pit will be returned to the pre-existing grade adjacent to Concession Road 4.

The rehabilitated landform will enhance the biological diversity of the local landscape by providing habitat features to attract migratory waterfowl and provide elements that will be of value to locally resident wildlife.

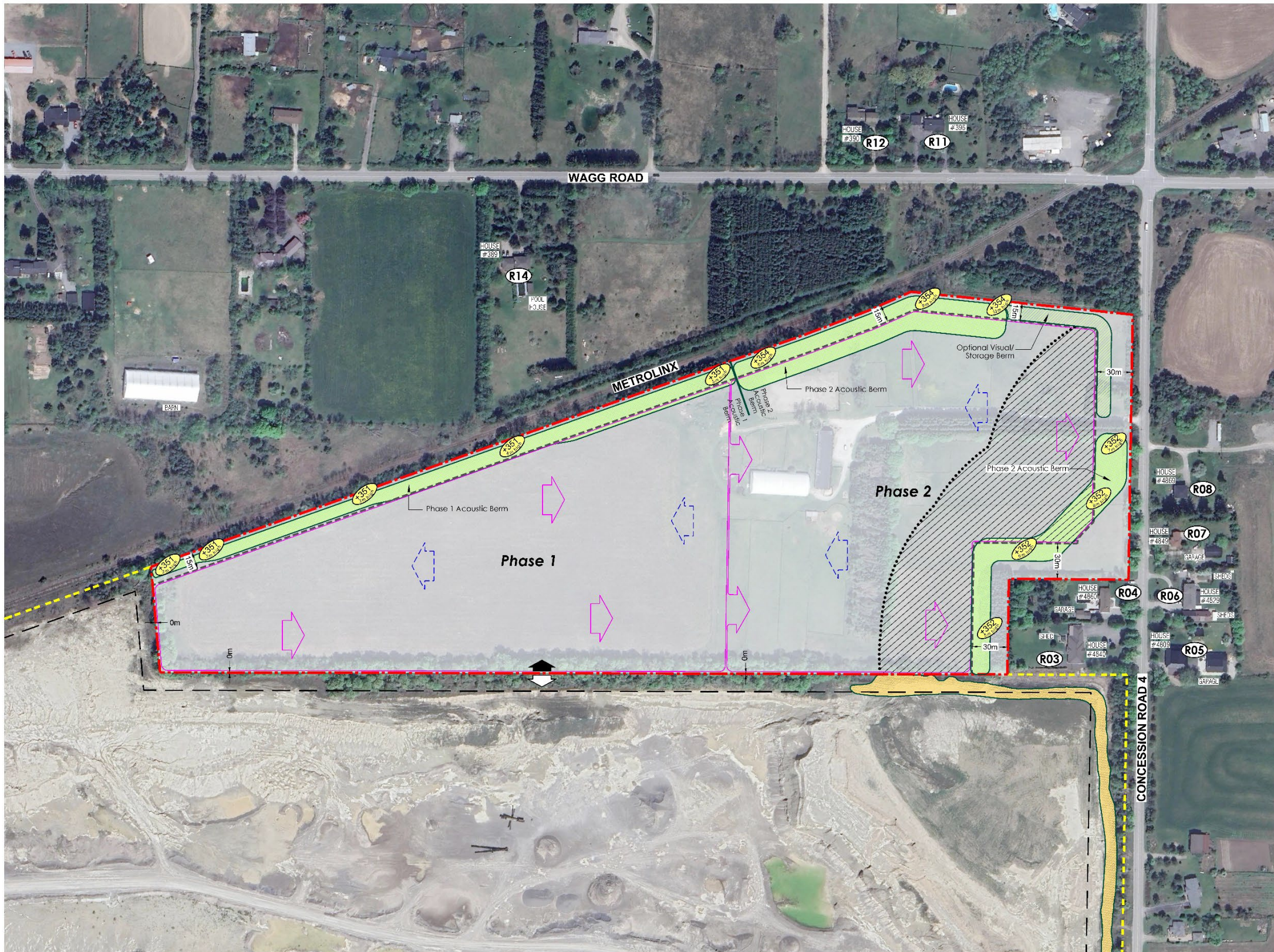




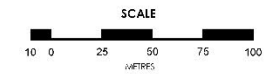
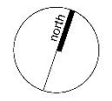
# Existing Goodwood Pit Rehabilitation







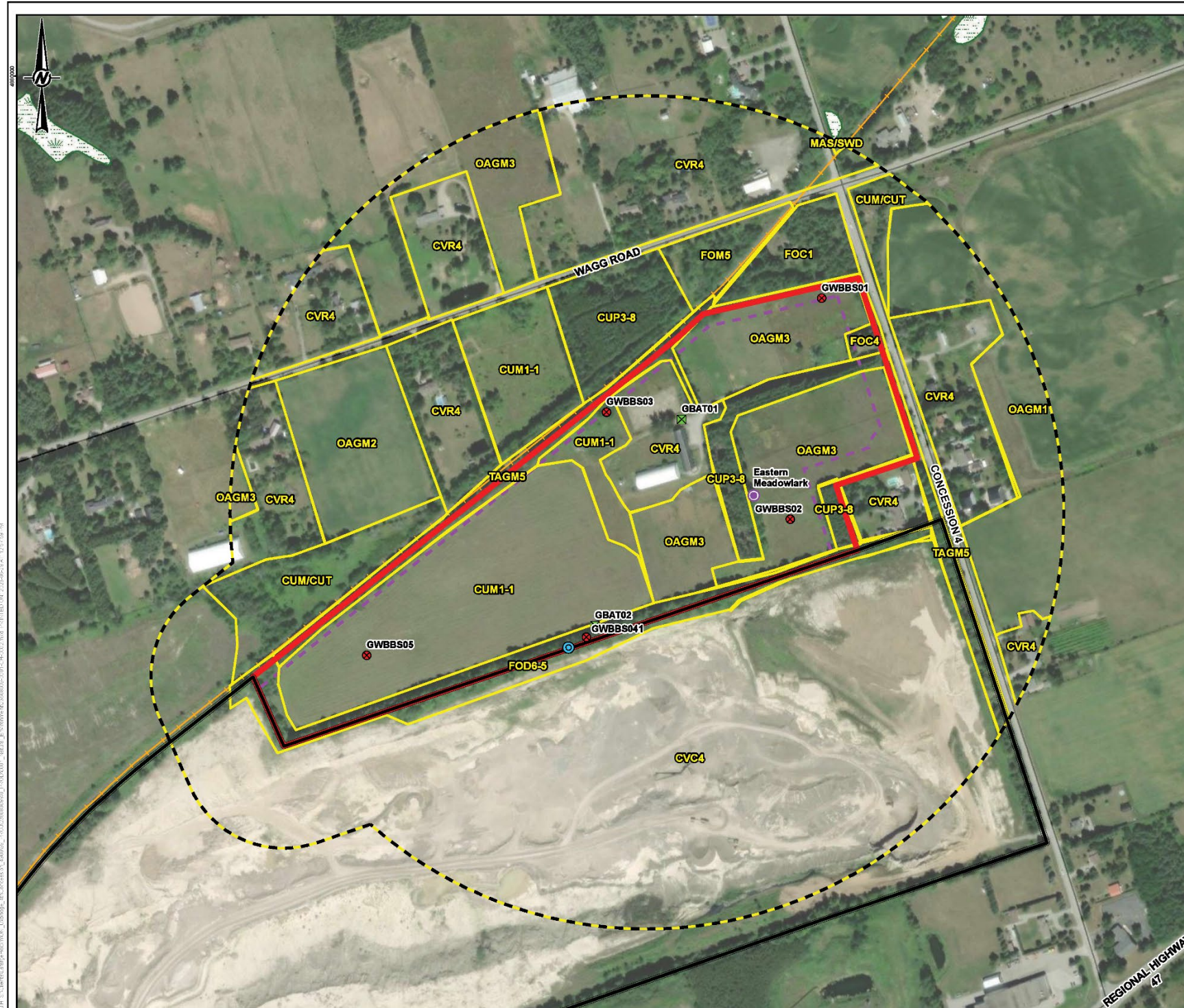
- Legend**
- Boundary of Area to be Licensed
  - Limit of Extraction  
ALL SETBACKS ARE DRAWN TO SCALE AND SHOW LABELLED DISTANCES
  - Existing Licensed Boundary  
GOODWOOD PIT - LICENCE #6593
  - Existing Extraction Limit  
GOODWOOD PIT - LICENCE #6593
  - Operational Entrance
  - Direction of Excavation (Above Water)
  - Direction of Excavation (Below Water)
  - Noise Receptor
  - Proposed Acoustic Berm  
1.5m high, 1.5m wide, 1.5m deep
  - Optional Visual/Storage Berm
  - Existing Berm
  - No Processing



**Goodwood Pit Extension**  
**OPERATIONAL**  
**CONCEPT**



# Goodwood Pit Extension Natural Environment



- LEGEND**
- RAILWAY
  - CONTOUR (5 m INTERVAL)
  - WATERCOURSE
  - WATERBODY
  - UNEVALUATED WETLAND
  - PROVINCIALLY SIGNIFICANT WETLAND
  - BAT DETECTOR LOCATION
  - BREEDING BIRD SURVEY LOCATION
  - EASTERN MEADOWLARK OBSERVATION
  - BUTTERNUT SAPLING (DESTROYED)
  - ECOLOGICAL LAND CLASSIFICATION (ELC)
  - LIMIT OF EXTRACTION
  - SITE BOUNDARY
  - STUDY AREA
  - EXISTING PIT BOUNDARY

ELC CODE	ELC DESCRIPTION
CUM/CUT	Cultural Meadow - Cultural Thicket
CUM1-1	Dry-Moist Old Field Meadow
CUP3-8	White Spruce Coniferous Plantation
CVC4	Extraction - Quarry
CVR4	Rural Residential
FOC1	Dry-Fresh Pine Coniferous Forest
FOC4	Fresh-Moist White Cedar Coniferous Forest
FOD6-5	Fresh-Moist Sugar Maple - Hardwood Deciduous Forest
FOM5	Dry-Fresh White Birch - Poplar - Conifer Mixed Forest
MAS/SWD	Shallow Marsh / Deciduous Swamp
OAGM1	Open Agriculture - Annual Row Crop
OAGM2	Open Agriculture - Hay Field
OAGM3	Open Pasture
TAGM5	Treed Fence Row - Mixedwood



**REFERENCE(S)**

1. BASEDATA: MNRF LIO OBTAINED APRIL 2019
2. IMAGERY: SOURCES: ESRI, HERE, GARMIN, INTERMAP, INCREMENT P CORP., GEBCO, USGS, FAO, NPS, NRCAN, GEBCO, IGN, KADASTER NL, ORDINANCE SURVEY, ESRI JAPAN, METI, ESRI CHINA (HONG KONG), (C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY
3. SOURCE: ESRI, MAXAR, EARTHSTAR GEOGRAPHICS, AND THE GIS USER COMMUNITY
3. PROJECTION: TRANSVERSE MERCATOR DATUM: NAD 83 COORDINATE SYSTEM: UTM ZONE 17N

**CLIENT**  
LAFARGE CANADA INC.

**PROJECT**  
GOODWOOD PIT EXTENSION  
4900 CONCESSION ROAD 4, TOWNSHIP OF UXBRIDGE

**TITLE**  
ECOLOGICAL LAND CLASSIFICATION, SURVEY STATIONS AND SENSITIVE FEATURES

CONSULTANT	YYYY-MM-DD	2023-06-29
DESIGNED	SO	
PREPARED	SO	
REVIEWED	BB	
APPROVED	HM	

PROJECT NO. 23608009 CONTROL 0001 REV. 0.0 FIGURE 2



PATH: C:\Lafarge\GIS\Projects\Goodwood\_Pit\_Extension\Map\_Series\Map\_Series\_2023-06-29\_12:57:58.mxd



# Goodwood Pit Extension Sensitive Receptor Locations



Scale: NTS  
 Drawn: KC  
 Eng: DF  
 Date: May 13, 2024

The scope of the work outlined in this document is limited to the acoustic, noise, and/or vibration control aspects of the design. Contractors to verify all dimensions

Project Name:  
 Goodwood Pit Extension NIS

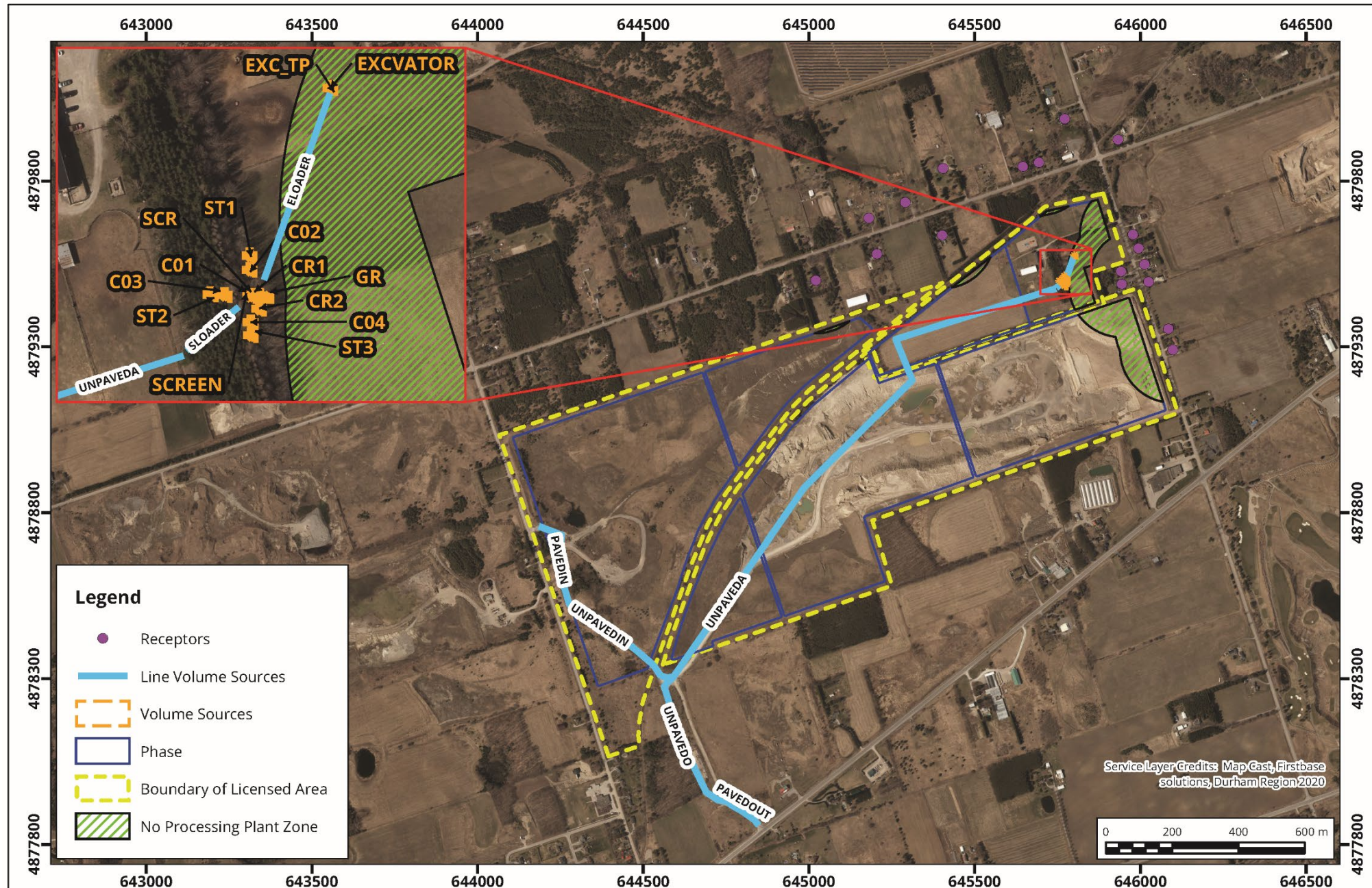
Figure Title:  
 Goodwood Pit Extension - Subject Lands and Location of Sensitive Receptors

AEL Project Number 18200

Figure 1



# Goodwood Pit Extension Air Quality Assessment



**Site Plan Showing Significant Sources and Receptors**

Map Projection: NAD 1983 UTM Zone 17N  
LaFarge Goodwood Pit Extension - Goodwood, Ontario



Project #: 1803861

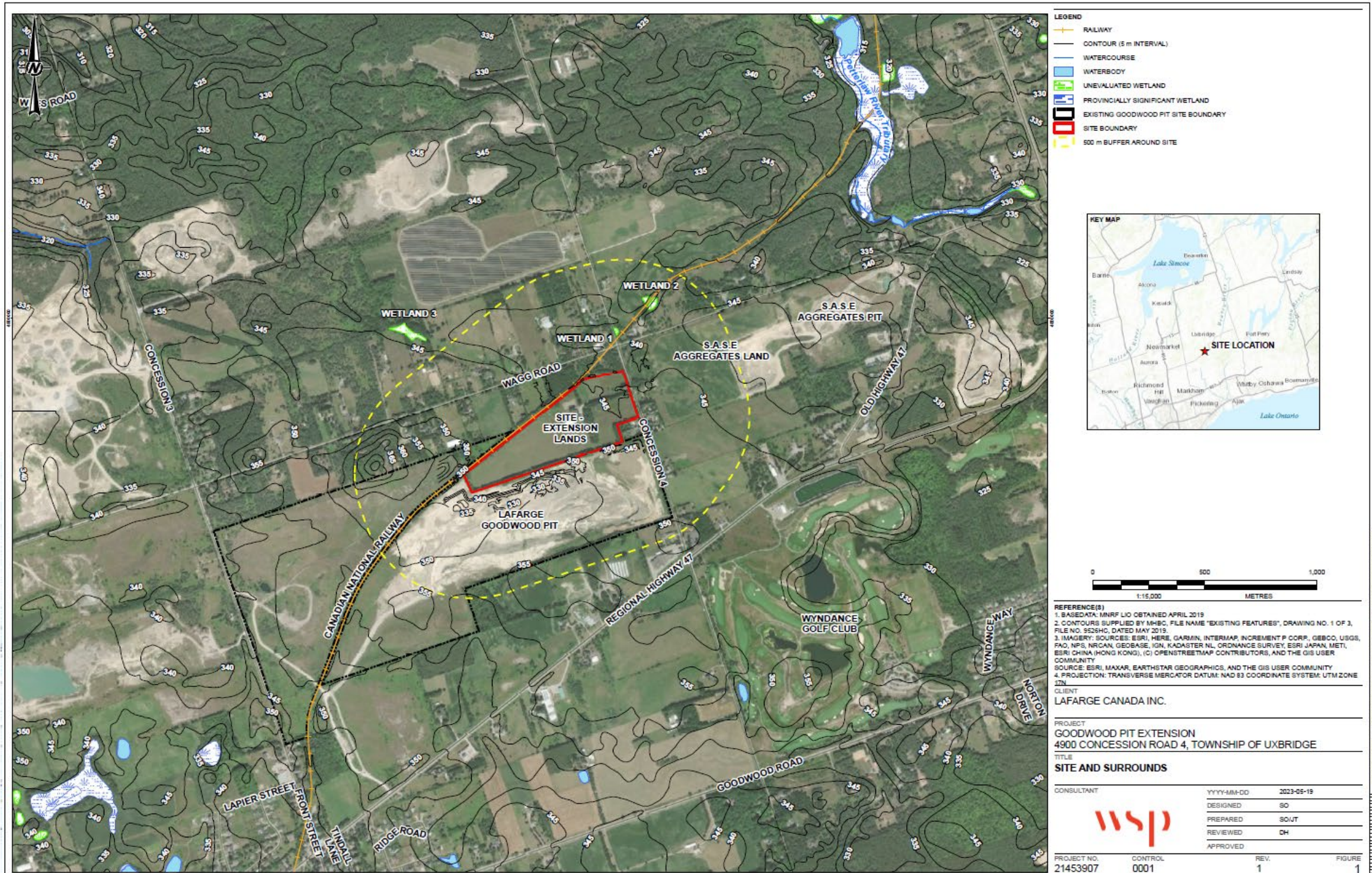
Drawn by: LJN	Figure: 2
Approx. Scale: 1:16,000	
Date Revised: Dec 23, 2020	



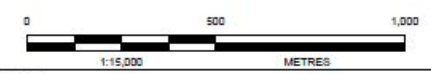
Service Layer Credits: MapCast, Firstbase solutions, Durham Region 2020



# Goodwood Pit Extension Hydrogeology Review



- LEGEND**
- RAILWAY
  - CONTOUR (5 m INTERVAL)
  - WATERCOURSE
  - WATERBODY
  - UNEVALUATED WETLAND
  - PROVINCIALLY SIGNIFICANT WETLAND
  - EXISTING GOODWOOD PIT SITE BOUNDARY
  - SITE BOUNDARY
  - 500 m BUFFER AROUND SITE



**REFERENCE(S)**

1. BASEDATA: MNRF LIO OBTAINED APRIL 2019
2. CONTOURS SUPPLIED BY MHC, FILE NAME 'EXISTING FEATURES', DRAWING NO. 1 OF 3, FILE NO. 9526HO, DATED MAY 2019.
3. IMAGERY: SOURCES: ESRI, HERE, GARMIN, INTERMAP, INCREMENT P CORP., GEBCO, USGS, FAO, NPS, NRCAN, GEBCO, IGN, KADASTER NL, ORDNANCE SURVEY, ESRI JAPAN, METI, ESRI CHINA (HONG KONG), (C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY
4. PROJECTION: TRANSVERSE MERCATOR DATUM: NAD 83 COORDINATE SYSTEM: UTM ZONE 12N

CLIENT  
LAFARGE CANADA INC.

PROJECT  
GOODWOOD PIT EXTENSION  
4900 CONCESSION ROAD 4, TOWNSHIP OF UXBRIDGE

TITLE  
SITE AND SURROUNDS

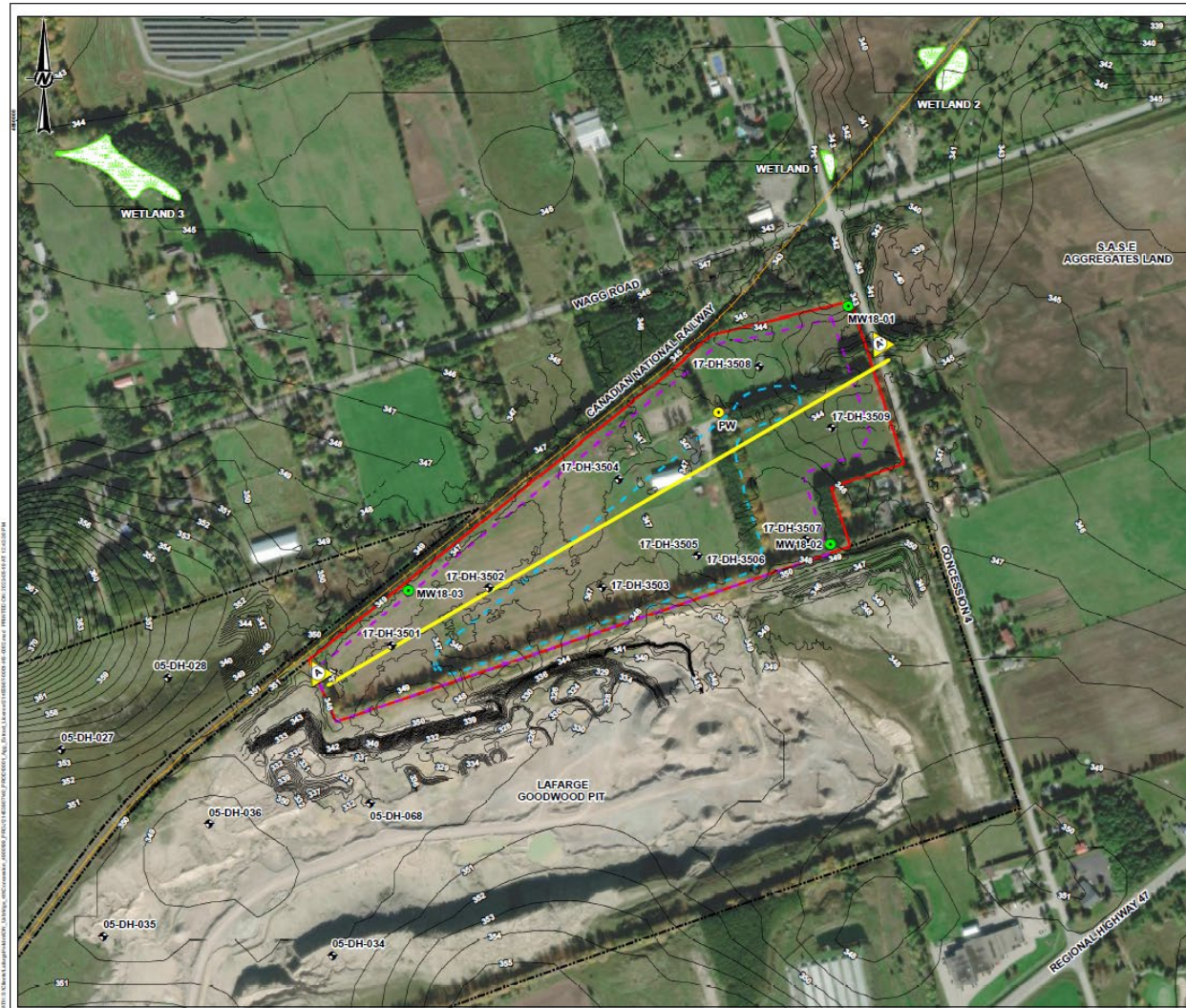
CONSULTANT	WSP	YYYY-MM-DD	2023-05-19
DESIGNED	GO		
PREPARED	SOUT		
REVIEWED	DH		
APPROVED			

PROJECT NO. 21453907 CONTROL 0001 REV. 1 FIGURE 1

IF THIS DRAWING IS USED FOR ANY OTHER PROJECT, THE USER SHALL BE RESPONSIBLE FOR ANY ERRORS.



# Goodwood Pit Extension Hydrogeology Review



**LEGEND**

- ON-SITE DOMESTIC WELL LOCATION
- MONITORING WELL LOCATION
- RESOURCE EVALUATION BOREHOLE
- CONTOUR (1m INTERVAL)
- CROSS SECTION LINE
- RAILWAY
- EXISTING GOODWOOD PIT SITE BOUNDARY
- SITE BOUNDARY
- LIMIT OF EXTRACTION
- APPROXIMATE BELOW WATER (PIT POND) EXTENTS
- UNEVALUATED WETLAND

**REFERENCE(S)**

1. BASE DATA: MNR F.L.O. OBTAINED APRIL 2019
2. CONTOURS SUPPLIED BY MISC. FILE NAME "EXISTING FEATURES", DRAWING NO. 1 OF 3, FILE NO. 825340, DATED MAY 2019
3. HAZARDOUS SOURCES: ESRI, HERE, CARIBBIAN INTERMAP, INCORPORATED P. CORP., GEBCO, USGS, FAO, NPS, NRCAN, GEBCO, IGN, KADASTER NL, ORDNANCE SURVEY, ESRI, JAPAN, METI, ESRI, CHINA (HONG KONG), (C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY
4. PROJECTION: TRANSVERSE MERCATOR DATUM: NAD 83 COORDINATE SYSTEM UTM ZONE 17N

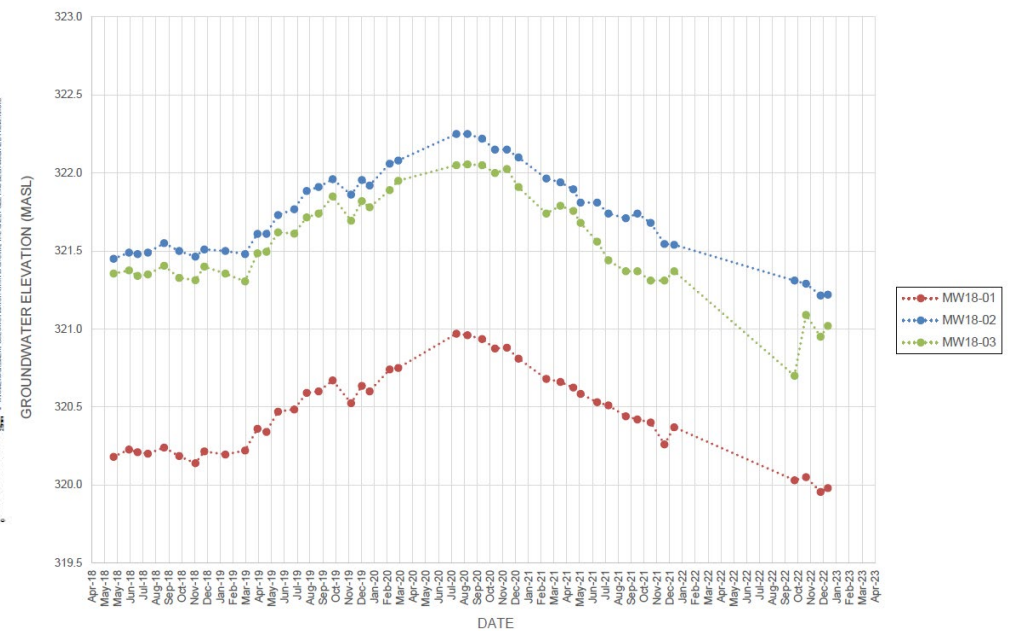
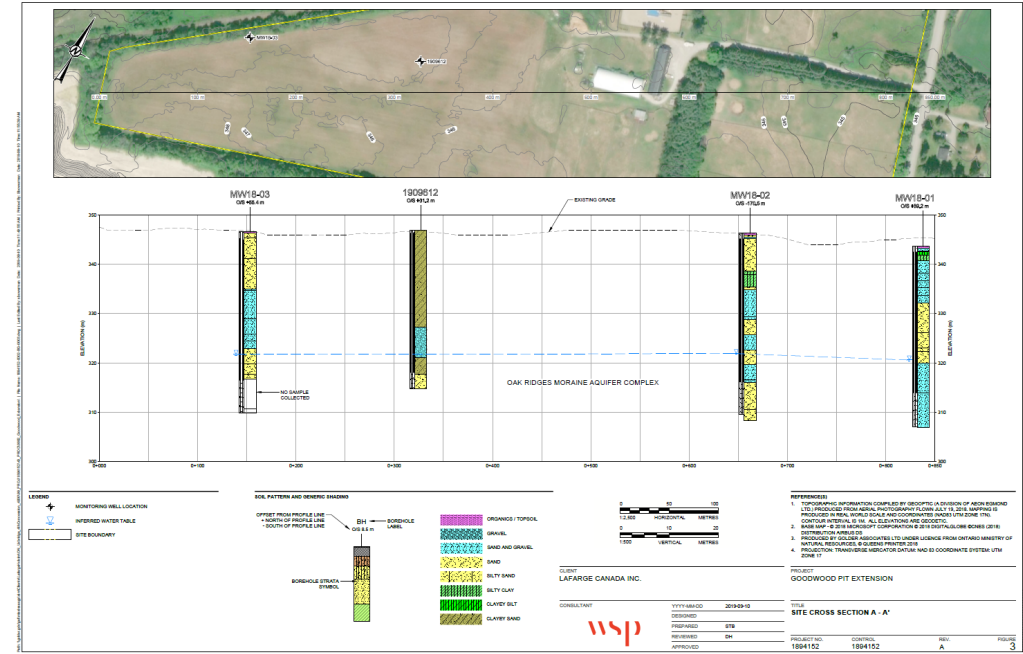
**CLIENT**  
LAFARGE CANADA INC.

**PROJECT**  
GOODWOOD PIT EXTENSION  
4900 CONCESSION ROAD 4, TOWNSHIP OF UXBRIDGE

**TITLE**  
SITE DETAIL

CONSULTANT	YYYY-MM-DD	2023-05-19
DESIGNED	SC	
PREPARED	SCOUT	
REVIEWED	DH	
APPROVED		

**PROJECT NO.** 21453907    **CONTROL** 0001    **REV.** 1    **FIGURE** 2

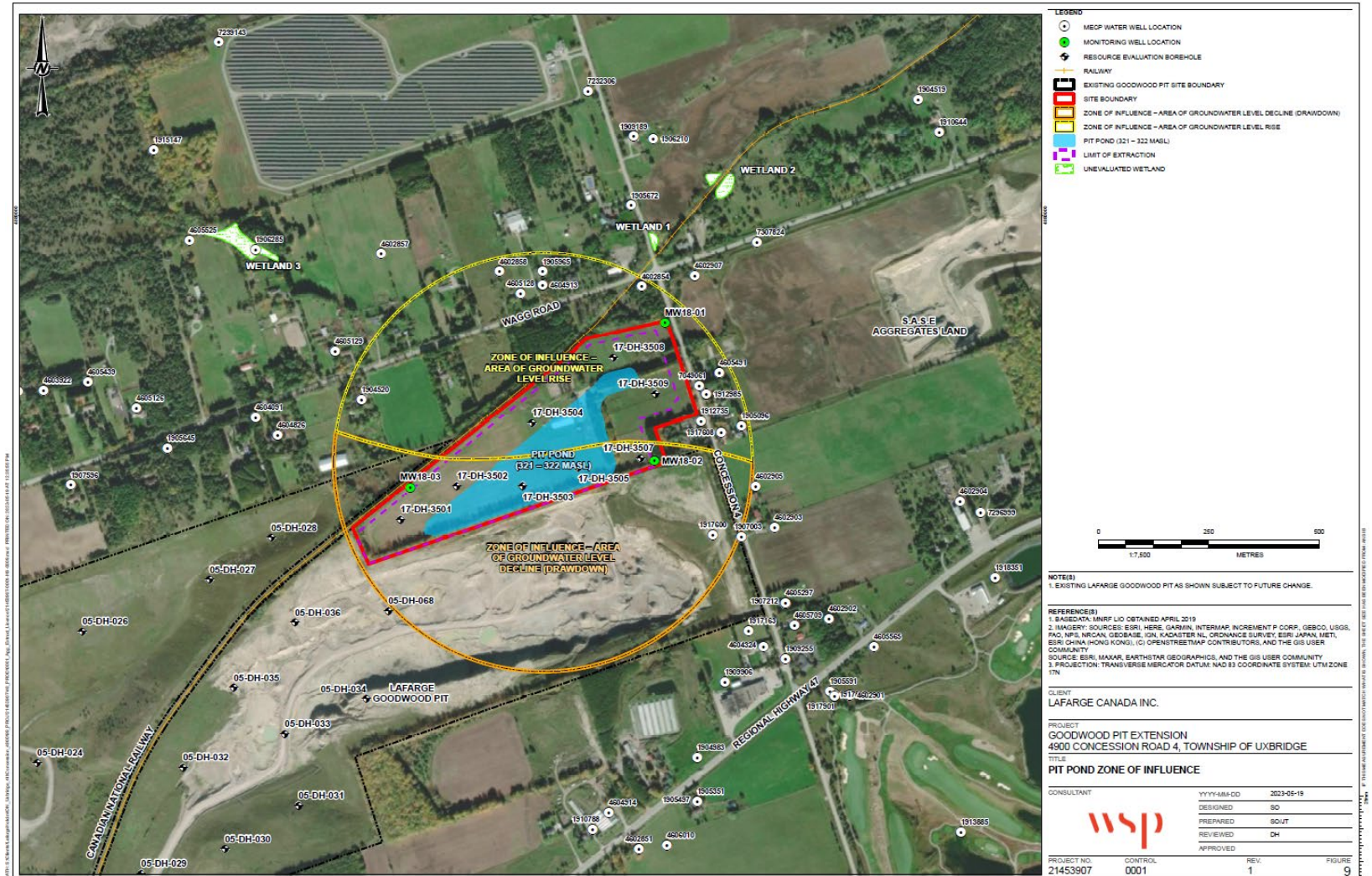




# Goodwood Pit Extension

## Results and Conclusions of Hydrogeological Work Program

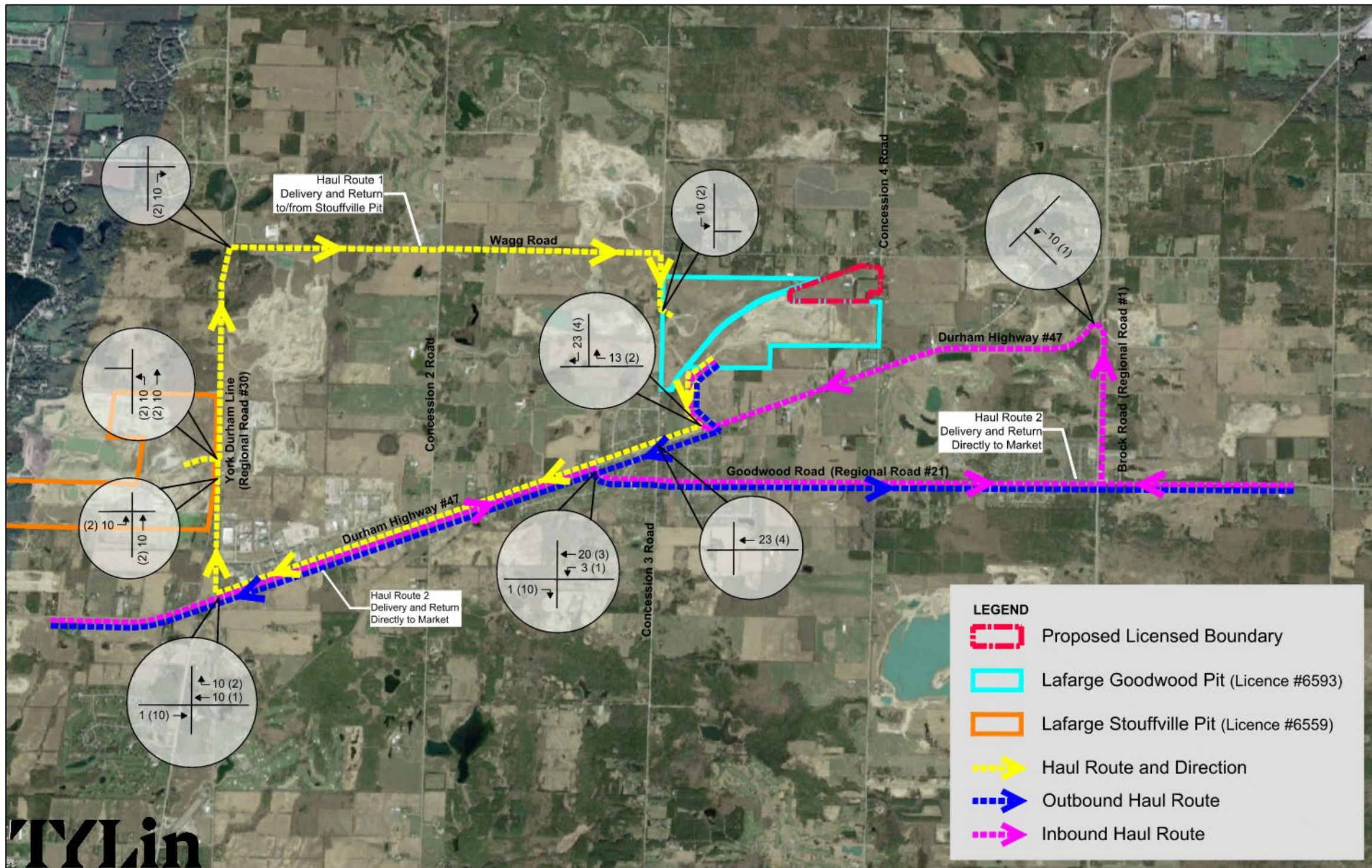
- Below water operations will not involve active pumping or dewatering
- The domestic wells within the zone of influence will experience minimal impacts (<0.1% reduction in water column).
- There is a Water Well Complaint Action Response plan for wells within 500m of the Site
- There are no adverse impacts expected to baseflow at groundwater receptors.





# Goodwood Pit Extension

## Haul Route with Site Generated Traffic Volumes





# Goodwood Pit Extension

## Haul Route with 2033 Future Traffic Volumes

