1.2.24 Cross Sections:

Timber resources will be utilized for saw logs, fence posts and fuel wood where appropriate. Brush and stumps cleared during site preparation that are not suitable for use will be stockpiled and used in rehabilitation or chipped/shredded for mulch, for use in rehabilitation of the lands.

Act. No operations will occur on Sundays, except as required and permitted by a special contract. To the extent feasible the licensee will minimize operations on Saturday between June 1st to August 31st. The hours of operation shall be limited to 07:00 to 12:00 on Saturday during these months.

1.2.23 Tree and Stump Disposal:

1.2.22 Hours of Operation The hours of operation will be 6:00 am to 6:00 pm Monday to Saturday. There will be no operations on statutory holidays, as defined in accordance with the Employment Standards

Existing trees and shrubs within the established setback will be maintained. There are no tree screens proposed on site, besides what exists and is maintained.

The general types of equipment on-site may include but are not limited to trucks, bulldozers, one fuel truck, excavators and scrapers for stripping and rehabilitation. One front end oader, and related trucks will be utilized for extraction. Fuel trucks and fuel tanks will not be stored on-site. A mobile wash plant may be utilized for on-site aggregate processing. The appropriate approvals under the Ontario Water Resources Act will be obtained prior to any on-site washing.

1.2.20 Equipment:

1.2.21 Tree Screens:

ACTIVE GRAVEL PIT

The numbering sequence used for Operational Plan notes refers to the Aggregate Resource Act Provincial Standards for a Class 'A' (Category 3) licence, for a pit above the water

he sequence and direction of the proposed pit expansion is comprised of four Phases of extraction. The Phase limits are shown as approximate and direction of extraction will

occur as indicated on the Operational Plan (Plan 2 of 4). Extraction will generally proceed in a northerly direction through Phase 1, followed by Phase 2 through 4, from the existing

Within the limit of extraction, the site will be stripped of topsoil in stages that align with the extraction phases. Topsoil and subsoil removed from area to be extracted will be used for

quirements, excavation will occur in 2 lifts in close succession with the first lift having a minimum height of 7.0m. The maximum expected depth of excavation is to an elevation of

An internal haul route will be utilized for the site. Access to the pit face and stockpiles / processing area will be accessed by the internal haul road, with access to the excavation area.

No new operational access points are proposed onto the 4th Line. Site access is provided through an existing operational entrance/exit with the adjacent Licensed pit (License No.

combined Level 1 and 2 Hydrogeological Assessment has been prepared by Azimuth Environmental Consulting Inc. to identify the elevation of the established groundwater table.

No water diversions are proposed. Grading on the side slopes and pit floor will occur to create drainage across the site allowing the surface drainage to percolate through the pit

Fencing is proposed along the Licensed boundary of the site, as shown on the Operational Plan (this page). Fencing will not be required along the common boundary of the existing

licensed lands or within the Woodlands of the site. Where a fence is not required, limits of extraction and required setbacks will be delineated by marker posts to establish the limits

There are no existing structures or buildings on the expansion lands. Office trailers will be utilized on site for the use of workers and operational purposes, during operational hours.

The office trailers are portable structures and will be located on the pit floor as needed by site operations. The existing scale / scale house operating for the existing Licensed lands

The temporary stockpiling of excess topsoil or overburden may occur if pit faces and/or floor areas are not immediately available for progressive rehabilitation. Topsoil or overburden

may be stockpiled temporarily on the adjacent licensed lands (License No. 3726), until required for progressive rehabilitation or backfilling. If the storage of material in stockpiles

floor. The surface drainage within the extraction area will remain on-site and be allowed to percolate through the pit across the site as per pre-extractive conditions.

ehabilitation of this site and/or adjacent to Licence No. 3726. Where there is a distinguishable layer of subsoil, topsoil will be stripped, handled and replaced as a separate layer.

Extraction and excavation will occur utilizing a single lift across the site wherever feasible. Should the depth of the deposit exceeds operational limits and/or Ministry of Labour

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erosion, with temporary erosion control measures implemented as required. Refer to the 'Typical Acoustic Berm Detail', this page.

Visual berms are proposed along the east boundary of the area to be Licensed, adjacent to the 4th Line. The berms will maintain a minimum height of 5.0 metres and will be constructed prior to extraction and/or processing on-site. Soil and overburden may be stored in storage berms. All proposed berms will be vegetated and maintained to control

1.2.18 / 1.2.19 Berms:

espective phase. Areas where processing of materials is permitted is shown on the Operational Plan (this page).

1.2.17 Processing Areas:
Processing of on site aggregate material will occur on the pit floor using portable processing / screening plants. Processing will occur adjacent to the active pit face within the

area shall cease temporarily, the area shall be restored with native on-site soils, and then extraction shall resume above the established ground water table.

The maximum depth of extraction is 1.5m above the established water table and indicated by the proposed spot elevations as shown on this page. The established water table will be confirmed as extraction proceeds through the recommended monitoring program (see Hydrogeology notes). If the water table is encountered during extraction, operations in the

1.2.16 Extraction Elevation

1.2.15 Setbacks: Setbacks are shown and labeled on this page. Variations from Operational Standards are shown under standard 1.2.25 (this page).

between ±507 and ±496 m.a.s.l. Excavation will remain a minimum 1.5m above the established groundwater table.

of the license. Marker posts shall be clearly identified for visual purposes. All required fencing will be maintained.

exceeds one year, the licensee/operator shall ensure that adequate vegetation is established to control erosion.

The location of the internal haul road will vary based on the location of the working face.

The water table elevation on this property ranges from ~507 m.a.s.l. to ~493 m.a.s.l.

<u>1.2.14 Extraction Area:</u> The area to be extracted is 34.5 ha. (+/- 85 ac.)

1.2.13 Fuel Storage: There will be no storage of fuel materials on-site.

1.2.12 Scrap Storage: If scrap if generated, it will be stored within a limited area within the current phase. All scrap will be removed on a regular basis.

(License No. 3726) will be utilized for the expansion, as the scale / scale house is located at the operational entrance to the site.

1.2.9 Buildings / Structures:

1.2.11 Aggregate Stockpiles: Aggregate stockpiles are to be located on the pit floor within the current phase. The location of the stockpiles are shown on the Operational Plan (this plan).

1.2.1 Sequence and Direction:

1.2.3 Lifts:

1.2.4 Internal Haul Road:

1.2.5 Entrance / Exit:

1.2.6 Groundwater Table

1.2.8 Fencing:

pit operations (License No. 3726).

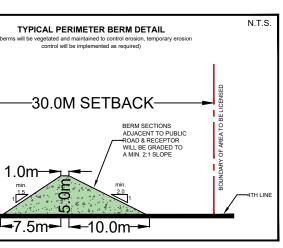
1.2.2 Topsoil and Overburden Stripping and Stockpiling:

3726). The field entrance will be gated and remain closed.

1.2.7 Surface Water Diversion / Discharge:

1.2.10 Stockpiles of Topsoil and Overburden:

PHASING NOTES	 Licence No. 3726. Product will be shipped through the existing operational entrance and exit to the 4th Line with pit No. 3726. 					
Phase 1: 1. Prior to site preparation, required fencing will be established along the licensed boundary limits.	 Progressively rehabilitate side slopes/pit floor at the east and west limits of the property. 					
 At the commencement of extraction, complete a noise audit to ensure the site is meeting NPC 300 Noise Guidelines at the nearest sensitive receptors. 	 Install marker posts along the westerly limits of extraction within Phase 3, to establish a 30.0m setback from the High Constraint Woodland Area, prior to site preparation. 					
3. Extract Phase 1 by commencing at the common boundary with existing Licence No. 3726 and proceeding in a westerly direction.	8. Remove Woodland Area in Phase 3, outside of prescribed setbacks.					
4. Initial stripping will be used to construct the visual berm along the south and west perimeters of the licensed area within Phase 1.	9. Prepare Phases 3 and 4 for extraction.					
5. Truck traffic will enter and exit through the existing operational entrance within Pit	Phase 3-4:					
Licence No. 3726. Product will be shipped through the existing operational entrance and exit to the 4th Line with pit No. 3726.	 Install marker posts along the westerly limits of extraction within Phase 3 and along the southern limits of extraction within Phase 4, to establish a 30.0m setback from 					
6. Install marker posts along the westerly limits of extraction within Phase 2, to	the High Constraint Woodland Area, prior to site preparation.					
establish a 30.0m setback from the High Constraint Woodland Area, prior to site preparation.	2. Initial stripping will be used to construct the visual berm along the western perimeter of the licensed area within the respective phase. Excess soil material will be stored in a stockpile(s) within the limit of extraction.					
7. Remove Woodland Area in Phase 2, outside of prescribed setbacks.						
8. Prepare Phase 2 for extraction.	At the commencement of extraction, complete a noise audit to ensure the site is meeting NPC 300 Noise Guidelines at the nearest sensitive receptors.					
Phase 2:	4. Extraction of Phase 3 will commence at the northern limits of Phase 2.					
1. Initial stripping will be used to construct the visual berm along the western perimeter	5. Extraction of Phase 4 will commence at the northern limits of Phase 3.					
of the licensed area. Excess soil material will be stored in a stockpile(s) within the limit of extraction.	Progressively rehabilitate side slopes/pit floor at the north, east, and west limits of the property.					
2. At the commencement of extraction, complete a noise audit to ensure the site is	7. Continue progressive rehabilitation in Phase 2.					
meeting NPC 300 Noise Guidelines at the nearest sensitive receptors.	8. Final rehabilitation of the existing operations (Licence No. 3726) with the exception					
3. Extraction will commence at the southern limits of the licensed area, to continue extraction through the common boundary of the existing licensed operations (License No. 3726). The materials within the common boundary will be removed first.	of the processing area, scale, scale house and entrance/exit will be completed during the extraction of Phases 3 and 4.					
	9. Continue progressive rehabilitation in Phase 1.					
4. Extraction will proceed in a northern direction towards Phase 3 and a north-eastern	10. Final rehabilitation of the Pit Licence No. 3726.					
direction to align with extraction occurring within Phase 1.	 Rehabilitation of the processing area, scale, scale house and entrance/exit shall commence following the completion of extraction within Phase 4. 					



PROPOSED GROUNDWATER MONITORING PROGRAM						
	Water Levels (Datalogger:	Water Quality				
Monitor	Spring-Summer - Fall Manuals)	(Semi-Annual)				
MW-1	Х	Х				
MW-2s	Х					
MW-2d	Х					
MW-3	Х					
MW-4s	Х					
MW-4d	Х	Х				
MW-5	Х	Х				
Wash Pond	X (seasonal)	Х				

1.2.25 Variations to Operational Standards:

1.0m-

5.9

5.10.1

5.15

5.16

5 17

1.2.26 Annual Tonnage Limit:

1.2.27 Technical Recommendations:

exceed 500.000 tonnes.

4 5.13.1

Description

No fence along a portion of the south boundary of the area to be licensed, common boundary with 5.1 License No. 3726, or along Woodlands areas. All other licensed boundary will maintain a min. 1.2 metre fence or demarcated by marker posts. Scrap may be located within 30 metres of the common boundary of the existing licensed pit (3726). Setback reduced to 0.0m along the boundary of the area to be licensed, where it is adjacent to the existing Licensed lands to the south (License No. 3726).

Stockpiles may be located closer than 30.0m from the boundary of the area to be licensed where it is adjacent to the existing Licensed lands (License No. 3726). Where berms are to be located adjacent to common boundaries with the existing licensed pit, the setback may be less than 3.0m.

opsoil and overburden may be stored temporarily on the adjacent licensed lands (License No. 3726), until required for rehabilitation purposes. Topsoil located within the expansion lands may be used in the progressive and coordinated rehabilitation of the adjacent Licensed lands (License No. 3726). opsoil and overburden stripped in the operation of the site may be used in the progressive rehabilitation or backfilling of the adjacent Licensed lands (License No. 3726).

Annual production from the site will operate in conjunction with the existing Licensed DHL pit adjacent (License No. 3726) and will not

Noise: Noise Impact Study - Trinity Consultants (July 2021)

1. Sound emissions from extraction equipment shall not exceed the sound power levels as indicated below to meet MECP exclusionary limits:

• Loader sound power levels must not exceed 108 dBA; Excavator sound power levels must not exceed 104 dBA

Bulldozer sound power level must not exceed 108 dBA;

• Crushing & Screening Plant sound power level must not exceed 124 Dba; • Shipping Truck sound power levels must not exceed 105 dBA;

• Haul Truck sound power levels must not exceed 116 dBA.

2. Physical and administrative noise control measures are required for the site to meet the applicable MECP noise criteria. Final mitigation measures will be determined upon a later onsite noise audit, at the commencement of extraction, to ensure the Site is meeting the NPC-300 noise criteria.

• Sea Containers: sea containers can be implemented around the equipment in order to shield the noise received by the PORs. It is anticipated that at least ten (10) sea containers will be needed and placed with a L-shape. Dimensions of each container:

L-Shape Placement - Horizontally:

- Length: 12 m

- Width: 2.4 m

of Tourism, Culture, and Sport [MTCS]).

deposit in accordance with the S & G

- Height: 2.45 m

- 4 containers per layer and 2 layers in total (ie. Length = 48 m; height = 4.9m);

 L-Shape Placement - Vertically: - 1 container per layer and 2 layers in total (ie. Length = 12 m; height = 4.9m).

Berms at Site Perimeters: berms can be implemented along the Site perimeters in order to shield the noise received by the PORs. It is anticipated that

berms will be set up with 5-metre high. Refer to noise report for the minimum coverage along the Site perimeters. • Setback Distances: the following setback distances are required from the crushing & screening plant:

> - From the East property line: 65 m - From the North property line: 800 m

- From the West property line: 65 m

- From the South property line: 120 m

Archaeology: Stage 1 and 2 Archaeological Assessment of the Melancthon Pit Expansion - ASI (Original Report - October 2, 2018); Stage 1 and 2 Archaeological Assessment of the Melancthon Pit Expansion - ASI (Supplementary Documentation - October 2, 2018)

1. ASI was contracted by Duivenvoorden Haulage Ltd. to complete a Stage 1 and 2 Archaeological Assessment of the Melancthon Pit Expansion, part of the east half of Lot 13 and the east half of Lot 14, Concession 4 Old Survey (OS), Township of Melancthon, Dufferin County. All activities carried out during this assessment were completed as part of applications for an Official Plan Amendment and Zoning By-law Amendment in order to expand the existing Melancthon Pit, in accordance with the Aggregate Resources Act (ARA). All assessment activities were completed in accordance with the Ontario Heritage Act (Ministry of Culture [MCL] 1990) and the Standards and Guidelines for Consultant Archaeologists (S & G) (Ministry of Tourism, Culture [MTC] 2011; now administered by the Ministry

2. The Stage 1 and 2 Archaeological Assessment has been registered with the Ministry of Heritage, Sport, Tourism, Culture Industries (November 7, 2019).

a. The above-mentioned report, which has been submitted to this ministry as a condition of licensing in accordance with Part VI of the Ontario Heritage Act, R.S.O. 1990, c 0.18, has been entered into the Ontario Public Register of Archaeological Reports without technical review

3. The Stage 1 assessment entailed consideration of the proximity of previously registered archaeological sites and the original environmental setting of the property, along with nineteenth and twentieth-century settlement trends. This research led to the conclusion that there is potential for the presence of pre-contact Indigenous and historical Euro-Canadian archaeological resources.

4. The Stage 2 assessment identified one historical site as archaeological potential, the James Taggert site (BaHb-19). The James Taggert site (Bahb-19) represents a nineteenth-century historical occupation where the level of CHVI will result in a recommendation to proceed to Stage 4 mitigation. Therefore, it is recommended that the site be subject to a comprehensive Stage 3 Archaeological Assessment to more fully identify the character, extent, and significance of the archaeological

- a. The Stage 3 assessment should commence with the creation of a recording grid on a fixed datum, the position of which Then, a controlled surface collection must be conducted to precisely define the nature and extent of the site. This wo re-ploughed and allowed to weather for a least one substantial rainfall prior to commencing this work. The location of the aid of a tape measure and transit, and a surface map produced for the site;
- b. A series of one-metre by one-metre units should then be excavated across the entire site area at 10 m intervals wi determine the nature and extent of the cultural deposits. An additional 40% of the total number of units excavated excavated around units of high artifact counts, or in other significant areas of the site. The test units should be excava soil fills screened through 6 mm wire mesh to facilitate artifact recovery. The sterile subsoil should be troweled, undisturbed cultural deposits; and
- c. The results of the Stage 3 assessment will be used to evaluate the significance of the site and to develop a series of further mitigative options that may be necessary.
- 5. No grading or other activities that may result in the destruction or disturbance of any of the archaeological sites documente until notice of Ministry of Tourism, Culture and Sport acceptance has been received.
- 6. In the event that a deeply buried archeological material is found during extraction operations shall cease immediately in th Tourism, Culture and Sport shall be notified at (416) 314-7174.

7. Compliance shall be maintained with the following legislation:

- a. This report is submitted to the Minister of Tourism and Culture and Sport as a condition of licensing in accordance with RSO 2005, c 0.18. The report is reviewed to ensure that it complies with the standards and guidelines that are is: archaeological field work and report recommendations ensure the conservation, preservation and protection of the conservation and protection matters relating to archaeological sites within the project area of a development proposal have been addressed to Tourism and Culture and Sport, a letter will be issued by the ministry stating that there are no further concerns with rec sites by the proposed development.
- b. It is an offence under Sections 48 and 69 of the Ontario Heritage Act for any party other than a licensed archaeologist archaeological site or to remove any artifact or other physical evidence of past human use or activity from the archaeologist has completed archaeological field work on the site, submitted a report to the Minister stating that the value or interest, and the report has been filed in the Ontario Public Register of Archaeology Reports referred to in Sect
- c. Should previously undocumented archaeological resources be discovered, they may be a new archaeological site and of the Ontario Heritage Act. The proponent or person discovering the archaeological resources must cease alteration of licensed consultant archaeologist to carry out archaeological fieldwork, in compliance with sec. 48 (1) of the Ontario Her
- d. The Funeral, Burial and Cremation Services Act, 2002, S.O. 2002, c.33, requires that any person discovering or hav immediately notify the police or coroner. It is recommended that the Registrar of Cemeteries at the Ministry of Cons
- e. Archaeological sites recommended for further archaeological field work or protection remain subject to Section 48(1) o not be altered, nor may artifacts be removed from them, except by a person holding an archaeological license.
- Hydrogeology: Combined Level 1 and Level 2 Hydrogeological Assessment Azimuth Environmental Consulting Inc. (Septembe 1. The results of the hydrogeological assessment indicate that the proposed extraction will occur above the water table groundwater regimes will be negligible. The proposed above water table extraction significantly decreases the potential f water table, as well as the deeper bedrock aquifer system. As a result, there will be no influence from the operations on local of the proposed operations.
- 2. Although there are no anticipated impacts associated with the proposed extraction of aggregate, which will occur at least water table, there are preventative operational practices that are recommended to further protect ground water quality:
- a. Refueling of machinery will be implemented through a fuel handling and spill management plan. b. Operator training should include understanding and the ability to implement the preventative measures provid Contingency Plan (as per prescribed conditions on Site Plans).

3. To continue the characterization of the water table aquifer within the overburden, continuous ground water elevation mo recommended that one upgradient and two downgradient monitoring locations be sampled for water quality on a semi-annual

4. The proposed water quality package for the monitoring program consists of a wide range of metals, nutrients and inorganic p a.pH, electrical conductivity, alkalinity, total phosphorus, ammonia, hardness, TDS, TOC, Colour, chloride, ortho-phosphate, calcium, magnesium, sodium, potassium, aluminum, boron, copper, iron, lead, manganese, Hydrocarbons (F1 - F4), BTEX and Total Oil and Grease

- 7. It is recommended that an annual monitoring report for the Duivenvoorden expansion site be prepared and submitted to the year and include the monitoring data for the preceding calendar year. The report shall include the following: Water quality sampling results;
- Data tabulated in graphical and tabular formats; Interpretation of all water level and water quality data;
- Recommendations pertaining to continuation of the monitoring program, and/or changes such as monitoring type locations. etc., and:
- Summary and documentation of any water well complaint(s) and their resolution(s).

8. The maximum depth of extraction will not be less than 1.5 metres of the seasonal high water table. Hatural Heritage: Natural Environment: Natural Environment Level 1 Technical Report - Birks Natural Heritage Consultant (July 2 Technical Report - Birks Natural Heritage Consultant (February 2021).

- The use of artificial lighting should be limited within the study area to the extent possible. Where necessary, artificial away from adjacent natural features.
- In advance of any vegetation clearing or earth works (i.e., clearing or grubbing) the extraction limits should be establi features to be protected. • An erosion and sediment control plan should be implemented to protect the retained habitats (wetland, woodla
- maintained in place until site works have been completed and the risk of sedimentation is no longer a concern. Silt fencing shall be established along the limits of the woodland buffers in accordance with an Erosion Sediment Co
- Inspect all Erosion Sediment Control measures according to an Erosion Sediment Control Plan and complete repairs • A temporary fence (i.e., sediment fence) should be erected along the surveyed limits to prevent inadvertent encro protected • Existing vegetation should be maintained within the prescribed setbacks of the proposed pit license expansion.
- Fencing should be used appropriately as directed so that wildlife movements are only blocked when desired construction). · Fencing should be monitored and kept intact until site works have been completed and the risk of sedimentation
- clearing or excavation is no longer a concern. • Refueling of all equipment should occur at least 30 metres from retained natural features, including woodland and wet • Dust impacts should be mitigated according to standard measures.

Species at Risk:

- Updated habitat assessments for the Species at Risk including Barn Swallow, Bobolink and Eastern Meadowlark these species is identified, activities requiring removal of this habitat must be registered with the MNRF through a N must be prepared according to the Ontario Regulation 242/08.
- Onsite activities should be regularly reviewed by a qualified Ecologist to ensure compliance with the ESA. • Extraction operations should follow Best Management Practice approved for the Protection Creation and Maintee
- Ontario (MNRF, 2017). • Vegetation clearing activities shall occur outside of the bird nesting period April 15-August 15. Tree clearing activit bat active season (April 30 - September 1) or as determined by the MECP.
- Rehabilitation • The Rehabilitation and Compensation Plan should be incorporated into the Site Plan for the proposed pit license expa Develop and implement a monitoring program, pre and during extraction operations, that includes the following compo
- Groundwater monitoring: • Surface water level monitoring and amphibian breeding monitoring within the retained wetland;
- Inspect the woodland buffers during pit operation to ensure disturbances are not occurring; and,
- Inspect the health and survival of buffer plantings.

Stormwater Management: Aggregate Pit Expansion - Stormwater Management Brief - WMI & Associates Limited (December 15 The following is recommended as a potential means of dealing with stormwater during the on-site earthworks activities:

- Construct perimeter cut-off swales along the west and north limits of the site (pit expansion area) to intercept overlar concentrated flow inlets from all external lands.
- Cut-off swales can both be directed to the existing low point of the site OR the north cut-off swale can be directed to cut-off swale can be directed to the existing pit to the south of the site (437138 4th Line) once it has been completely • Complete the aggregate extraction in the northwest portion of the site. Once completed, direct all external runoff
- infiltrated. This would manage the external drainage as it enters the property leaving the residual lands uninflue aggregate extraction activities. • At all times, both internal and external drainage will be directed away from the current extraction area and towards a stored and infiltrated as in the existing condition

Agricultural Impact Assessment: Agricultural Impact Assessment for Duivenvoorden Haulage Ltd. Aggregate Pit Expansion - C

(January 5, 2021)

• The conditions of the lands shall be assessed near the completion of extraction, to evaluate the post extraction cond return the lands to an agricultural capability.

ich has been recorded using a GPS. /ork will require that the site area be	Le	egend							
each artifact should be mapped with vithin an established grid in order to d on the grid should be strategically ated 5 cm into the sterile subsoil and l, and all soil profiles examined for		•	undary License	of Area to ed	D ±501	Prop Eleva	osed Pi ation	t Flooi	ſ
of recommendations concerning any ted by this assessment are permitted		Lin	nit of Ex	traction		Inter	nal Haul	I Rout	е
he affected area and, the Ministry of			sting Li undary	censed			eral Dire	ection	of
h Part VI of the Ontario Heritage Act, ssued by the Minister, and that the cultural heritage of Ontario. When all to the satisfaction of the Ministry of egard to alterations to archaeological st to make any alteration to a known site, until such time as a licensed e site has no further cultural heritage tion 65.1 of the Ontario Heritage Act. d therefore subject to Section 48 (1) of the site immediately and engage a eritage Act.		(LICE Exi	NSE NO. 3726 Sting Li rface W	censed P	Pits	Eleva	ic Road ation, C dlands		r
ving knowledge of a burial site shall nsumer Services is also immediately			sting Bucture	uilding /		Wetl	ands		
of the Ontario Heritage Act and may <u>her 2020)</u> de. As a result, the impacts to the for impacts to the underlying ground al domestic water wells in the vicinity st 1.5 metres above the established		Sca	ale / Sc	ale Hous ical Site		i Woo ∃	Constra dland A ing Fen	rea	
ded above, in addition to the Spill			ect to Stage 3/4		~	Oper	ational	Entrar	nce
onitoring is recommended. It is also al basis. parameters, including:			posed rimeter				s-Sectio		
nitrate, nitrite, bromide, sulphate, , strontium, zinc, Total Petroleum ne MNRF prior to March 31 st of each					ġ ġ				
be, monitoring frequency, monitoring									
2019); Natural Environment Level 2									
I lighting shall be shielded or directed lished in proximity to natural heritage land). Control measures should be ntrol Plan. s when required. oachment into areas intended to be d (<i>i.e.</i> , as exclusion fencing during n or accidental encroachment during etland habitat.									
prior to site alteration. If habitat for lotice of Activity and Mitigation Plans									
enance of Bank Swallow Habitat in	Site P	lan Amendr	nents:		Descriptio	n			Ву
ities shall be undertaken outside the pansion. ponents:	1	August 3, 202	21		First Submis	ssion;			A.S.
<u>5, 2020)</u>									
and sheet flow as well as the existing to the existing low point and the west v extracted of all aggregate. Iff into the new cut to be stored and uenced during the remainder of the s a low point/points to be temporarily Orion Environmental Solutions	MNRF Applica	Approval Star		Stamp:	REN VE REGISTERO ROPESSONAL PAREE RAPER RAPER MANEE RAPE				
ndition and determine rehabilitation to			DUIVEI		JEN HA 425 9th Line, nisfill, Ontario L9S 3Z6	ULAG	ELID.	•	
	Project:		MELA	Con. 4 Twp of	N PIT E half of Lots 13 a f Melancthon of	and 14, n RR#2,	SION		
		ERATIC			Iburne, Ontaric	oval Review:		2 c	of 4
	Scale:	1:2,000	L						
		IPS	h	50 VATIVE F RS • P R O J E C 647 WELHAM RD., U	TMANAGE	RS•LAND	DEVELOPE		
	Drawn	By: A	tel: 705 • 812 • 3	3281 fax: 705 • 812 • 3	3438 e: info@ipsco		www.ipsconsultingi	inc.com	

Спескей Бу: D.V. / J.H File No.: 18-802 Date: August 3, 2021