



June 4, 2024

XCG File No. 5-5119-01-01

Distribution List Attached

Re: Application for Amendment to ARA Licence #4822, Former Clarksburg Gravel Pit, The Town of The Blue Mountains

To Whom It May Concern:

The Town of the Blue Mountains (The Town) owns and operates an aggregate pit at 788090 Grey Road 13. A portion of the former gravel pit has been designated for use as the Town's Landfill and Recycling Depot. The remaining portion (3.6 ha) of the gravel pit is now exhausted and steps to rehabilitate this portion are underway.

Rehabilitation is planned to align with the Town's Excess Soil Management Strategy, Ontario Regulation (O. Reg.) 406/19, as amended, and O. Reg. 244/97 amended by O. Reg. 395/22, under the Agregate Resources Act.

The planned rehabilitation requires a "significant amendment" to the existing ARA Licence #4822. You are being provided with the application document for review and comment.

Further details can be viewed at the Town of the Blue Mountains Project Page at: www.thebluemountains.ca/pitrehab

Written comments on this application may be made to the following during the period of June 1 to 30, 2024 by email to the following:

- Manager of Sustainability and Solid Waste for The Town of The Blue Mountains at ifletcher@thebluemountains.ca;
- Ministry of Natural Resources and Forestry (MNRF) Aggregates Section at ARAAprovals@ontario.ca.

The notice of proposed amendment is also posted to the Environmental Registry of Ontario (https://ero.ontario.ca/) for comment.

XCG, a division of Trace Associates Inc. (XCG) has been assisting the Town with the documentation and planning for the ARA Licence amendments. A copy of the application for amendment is attached for your review ahead of making any comments that you may have.

We are confident that the attached information and links provide you with the details you may need to make any informed comments you may have. Please send any written questions or comments to the email addresses above during the comment period of June 4 to July 4, 2024.

Respectfully submitted,

XCG. A DIVISION OF TRACE ASSOCIATES INC.

D. Grant Walsom, B.A.Sc., P.Eng., QP Principal Engineer/Senior Technical Advisor

Attachments: Distribution List

Landowners within 120 metres of the Licenced Boundary

Ontario Ministry of Natural Resources and Forestry Amendment Form and

Supporting Details



Distribution List:

Ontario Ministry of Natural Resources and Forestry Aggregate Section 300 Water Street, Peterborough, ON K9J 3C7

Ontario Ministry of the Environment, Conservation and Parks Owen Sound District Office 101 17th Street East, Owen Sound, ON N4K 0A5

The Town of the Blue Mountains 32 Mill Street, Thornbury ON N0H 2P0

Grey County 595 9th Ave East, Owen Sound ON N4K 3E3

Landowners within 120 metres of the Licenced Boundary (see attached).



LANDOWNERS WITHIN 120 METRES OF THE LICENCED BOUNDARY

Address 1	City	Province	Postal Code
11 SHAVER CRT	TORONTO	ON	M9C 1H5
113 SLABTOWN RD	CLARKSBURG	ON	N0H 1J0
115 SLABTOWN RD	CLARKSBURG	ON	N0H 1J0
127 SLABTOWN RD	CLARKSBURG	ON	N0H 1J0
141 SLABTOWN RD	CLARKSBURG	ON	N0H 1J0
149 SLABTOWN RD	CLARKSBURG	ON	N0H1J0
153 SLABTOWN ROAD	CLARKSBURG	ON	N0H 1J0
158 SLABTOWN ROAD	CLARKSBURG	ON	N0H 1J0
159 SLABTOWN RD	CLARKSBURG	ON	N0H 1J0
170 5TH AVE	ROUGEMONT	QC	J0L 1M0
294 RYDING AVE	TORONTO	ON	M6N 1H5
52 WARWOOD RD	TORONTO	ON	M9B 5B4
788068 GREY ROAD 13	CLARKSBURG	ON	N0H 1J0
15 STRATHCONA AVE	TORONTO	ON	M4K 1K6
COUNTY BUILDING	OWEN SOUND	ON	N4K 3E3
168 SLABTOWN RD	CLARKSBURG	ON	N0H 1J0
131 SLABTOWN RD	CLARKSBURG	ON	N0H 1J0
152 SLABTOWN RD	CLARKSBURG	ON	N0H 1J0
156 SLABTOWN RD	CLARKSBURG	ON	N0H 1J0
157 SLABTOWN RD	CLARKSBURG	ON	N0H 1J0
163 SLABTOWN RD	CLARKSBURG	ON	N0H 1J0
164 SLABTOWN RD	CLARKSBURG	ON	N0H 1J0
165 SLABTOWN RD	CLARKSBURG	ON	N0H 1J0
173 SLABTOWN ROAD	CLARKSBURG	ON	N0H 1J0
788096 GREY RD 13	CLARKSBURG	ON	N0H 1J0
155 SLABTOWN RD	CLARKSBURG	ON	N0H 1J0
808115 24TH SDRD	CLARKSBURG	ON	N0H 1J0
687522 SIDEROAD 18	CLARKSBURG	ON	N0H 1J0
416078 10TH LINE	CLARKSBURG	ON	N0H 1J0
687522 SIDEROAD 18	CLARKSBURG	ON	N0H 1J0
788075 GREY RD 13	CLARKSBURG	ON	N0H 1J0
788114 GREY RD 13	CLARKSBURG	ON	N0H 1JO



ONTARIO MINISTRY OF NATURAL RESOURCES AND FORESTRY AMENDMENT FORM AND SUPPORTING DETAILS

ATTACHMENT A AMENDMENT APPLICATION FORM



Amendment Form Aggregate Resources Act (August 2020)

Instructions

Applications for an Amendment

This form is to be completed by any licence or permit holder applying to the ministry to make a change to their licence, permit, or site plan under sections 13, 13.1, 13.2, 30.1, or 37.2 of the Act.

When notification is required, this form must be circulated with the amendment application package.

As part of an application for an amendment, the licensee or permittee must submit a sketch or a draft copy of an updated site plan or site plan pages to the ministry.

Following confirmation from the ministry that the proposed amendment is acceptable, the licensee or permittee must make changes to the site plan to reflect the noted changes and submit the updated site plan or site plan pages to the ministry for approval.

Following ministry approval, the licensee or permittee must include a description of the amendment and the date the amendment was approved on a schedule to the site plan and must forward the site plan to the ministry for their records.

Submit this form and any additional information online using the <u>Natural Resources Information Portal</u>. If you have any questions about using the Natural Resources Information Portal, contact <u>NRIP@ontario.ca</u>. If web access is unavailable, submit the form and additional information by mail to Integrated Aggregate Operations Section, Ministry of Natural Resources and Forestry, 300 Water Street, Peterborough ON K9J 3C7.

When an amendment requires consultation and you are participating in the *Aggregates Resources Act* (ARA) notification and consultation process, all personal information (PI) you provide may be subject to the *Freedom of Information and Protection of Privacy Act* (FIPPA), whether provided to the Applicant or MNRF at any point during the consultation process. The MNRF collects your PI under the authority of s.7, s. 11, s.13.1, s.23, s. 34, s. 35 and other provisions of the ARA and maintains it for the purposes of ensuring consultation and other requirements in the ARA are met. Under the authority of s. 11(2),s.13.1(3), s.23(7), s.35(2) of the ARA, your name and address will form part of the public record (that is available to the general public as described in s 37 of FIPPA) and will appear with your comments, unless you request in your submission that your name and address be kept confidential. If you have any questions about the collection and use of your personal information, please contact Ministry of Natural Resources and Forestry, Natural Resources Information and Support Centre (NRISC) 300 Water Street, Peterborough ON K9J 3C7. Toll free: 1-800-667-1940.

Fields marked with an asterisk (*) are mandatory.

Section A: Site	Identification						
Licence/Permit ID N 4822	lumber *						
Licensee/Permittee Town of The Blue		erly Collingw	vood Townsh	nip)			
Local Municipality Town of The Blue	Mountains						
Upper Tier Municipa Grey County	ality						
Site Location (e.g. lo 788090 Grey Roa Part Lot 26, Conce	d 13, Town of The		•	address) *			
Section B: Con	tact Information	n					
Last Name * Fletcher				First Name * Jeffery		Middle Initial	
Telephone Number * Email 519-599-3131 Extension 238 ifletcher@				@thebluemountains.ca			
Address			•				
Unit Number	Street Number *	Street Nam		PO Box 310			
City/Town *	C	Country *		Province/State *	Post	tal Code/Zip Code *	
Thornbury	C	Canada		Ontario	NOF	1 2P0	
Input all necessary i	nformation for corre	espondence					
				ce and proceed with ar	-		
	ensee/permittee dur						
Section C: Desc	cription of Ame	endment					
Check the box that t	pest represents the	amendment	that is the sul	oject of this form. *			
the water table u If selected, ir	ınder section 13.1 o	or 37.2 of the ports, informa	Aggregate Ration and an u	ence or aggregate per esources Act pdated site plan in you			
If selected, e	•	l reports, info	rmation and a	ad allowance under se an updated site plan an t Standards.		omission as	

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- ✓ Other amendments (not including Amendment Without Approval)
 - The ministry may require the applicant to provide additional information.
 - The ministry may direct you to circulate this form to organization(s) and individual(s) for comment(s).

Description *

Provide a description of the proposed amendment(s)

Amendment is being applied for the following reason:

Allow rehabilitation of a portion of the worked-out aggregate extraction pit using imported excess soil meeting Table 2.1. Table 4.1, and Table 6.1 Excess Soil Quality Standards and Leachate Screening Levels and BRAT Derived Site Specific Standards.

Provide reasons for the site plan amendment request

Rehabilitate the worked-out aggregate extraction pit with methods not identified in the previously accepted Site Plan.

Select all that apply *

Enclosed is a sketch/picture outlining proposed changes to the site plan.

Enclosed is a draft version of a page(s) of the site plan altered to demonstrate the desired changes to the site plan.

✓ Enclosed is additional information and/or technical reports.

Last Name *
Fletcher

Signature (Licencee/Permittee)

Date (yyyy/mm/dd) *
2024/06/04

Save Form

Print Form

Clear Form

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ATTACHMENT B ARA LICENCE #4822



Ministry of Natural

Ministère des Richesses Resources naturelles

LICENCE **Aggregate Resources Act**

Licence No. No du permis

4822

DEDMIS

				PERIVID		
			Loi sur les	ressources en ag	régats Amended	Licence
Pursuant to the Aggreg requirements of the site		ct and Regul	ations thereun	der, and subject to	the limitations thereof and to the condition	ons of the licence and the
Conformément à la Loi du permis et aux exige			n agrégats et à	ses règlements, e	t sujet aux restrictions qu'ils comportent,	aux conditions d'octroi
this Class nous délivrons ce perr	nis de classe: _	A licer à:	nce is issued to	o: F THE BLUE MOU	INTAINS	
			26 Bridge St. Box # 310 Thornbury, ON CANADA N0H 2P0	1		
to operate a pour exploiter un/une	Pit	on a sur le	terrain de	16.8	hectare site located in: hectares situé à l'endroit suivant:	
26	10			COLLINGWOOD	BLUE MOUNTAINS T	GREY CO
Lot	Concession	Section	Geographic	Township	Local Municipality	County / Regional Municipality / District

The licence is subject to the following conditions: Ce permis est assujetti aux conditions suivantes:

As shown on attached Schedule "A".

Effective the En vigueur le

day of jour de

January, 2002

District Manager Gérand du District

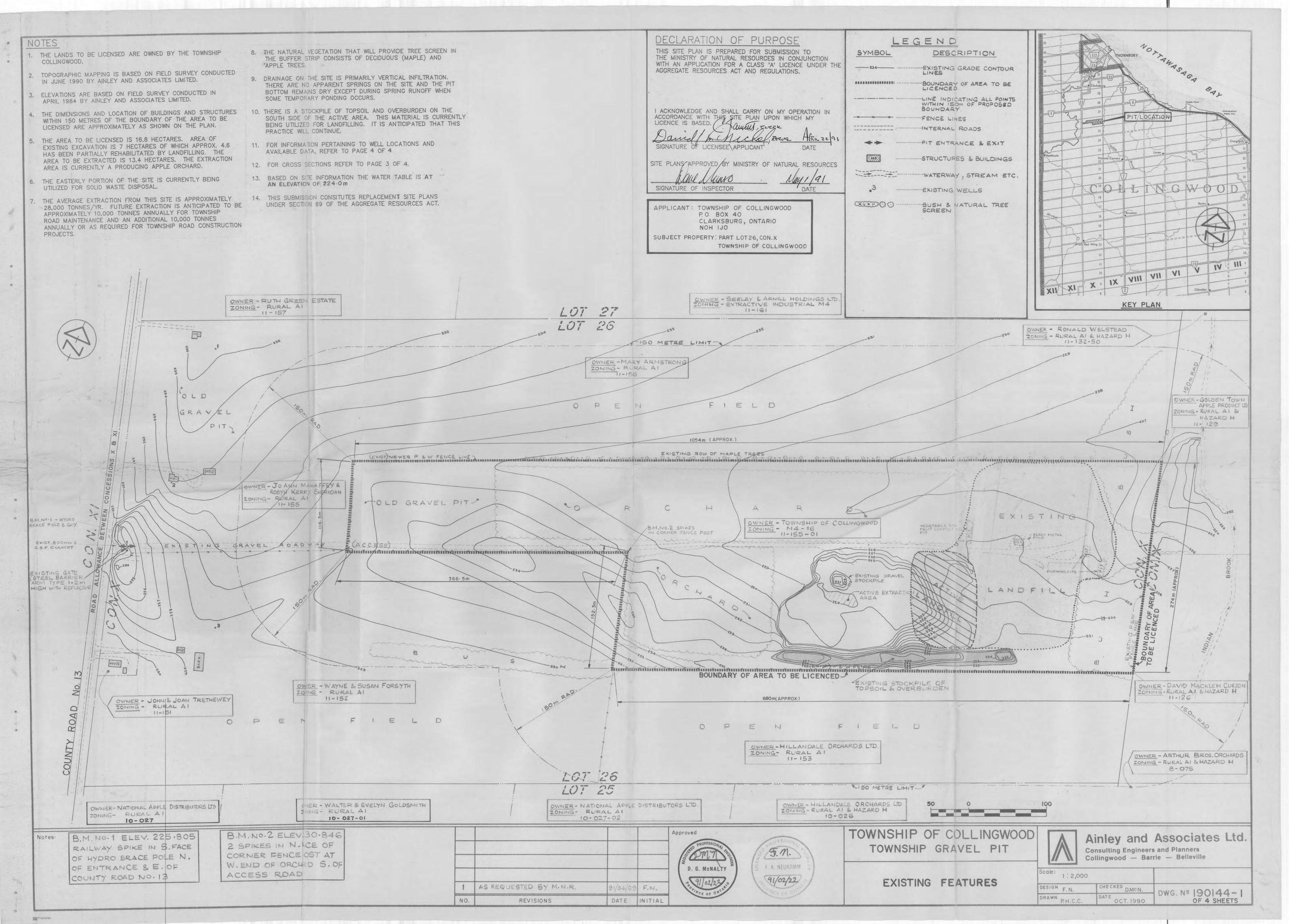
SCHEDULE "A"

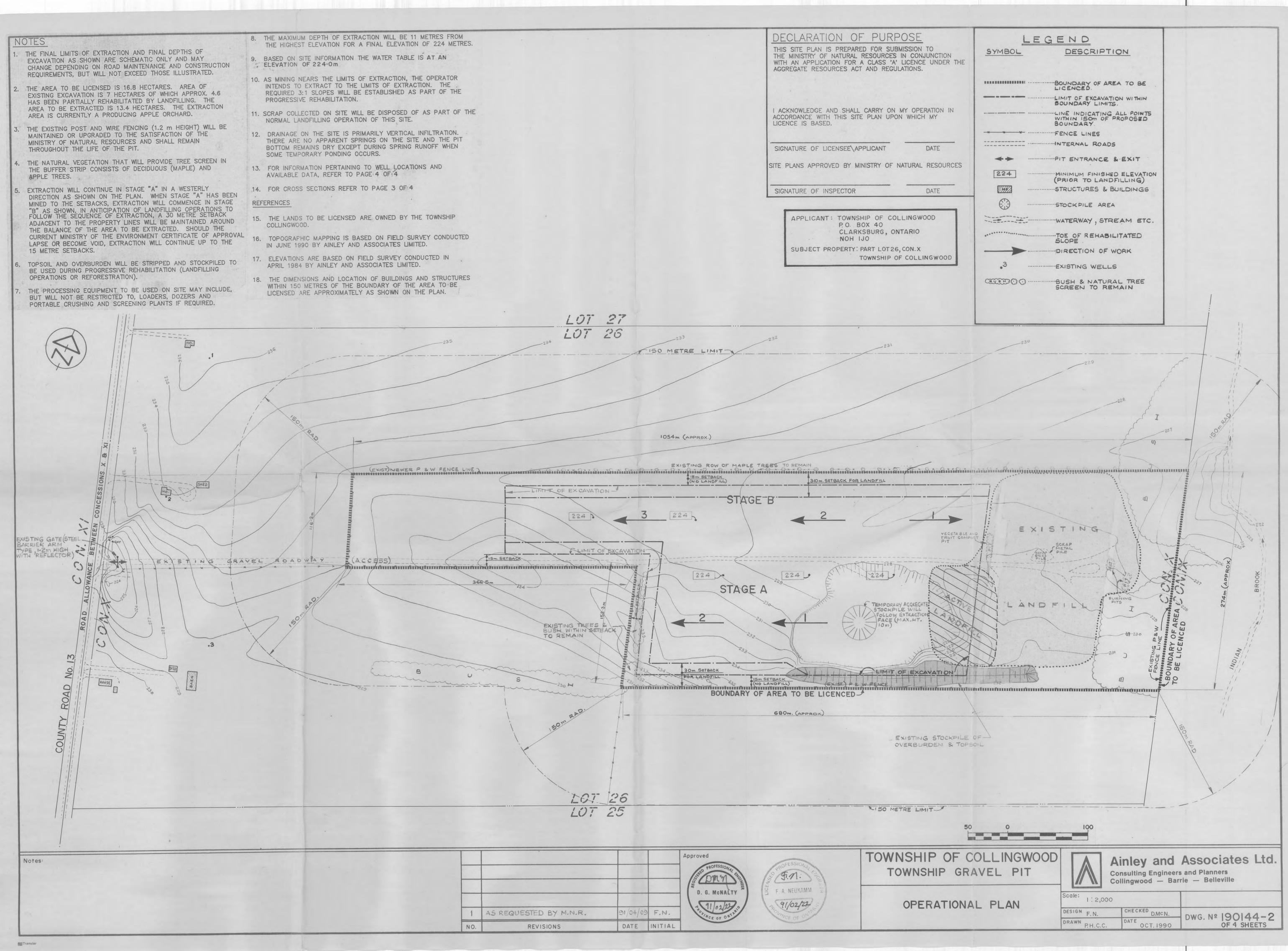
Licensee: The Town of The Blue Mountains

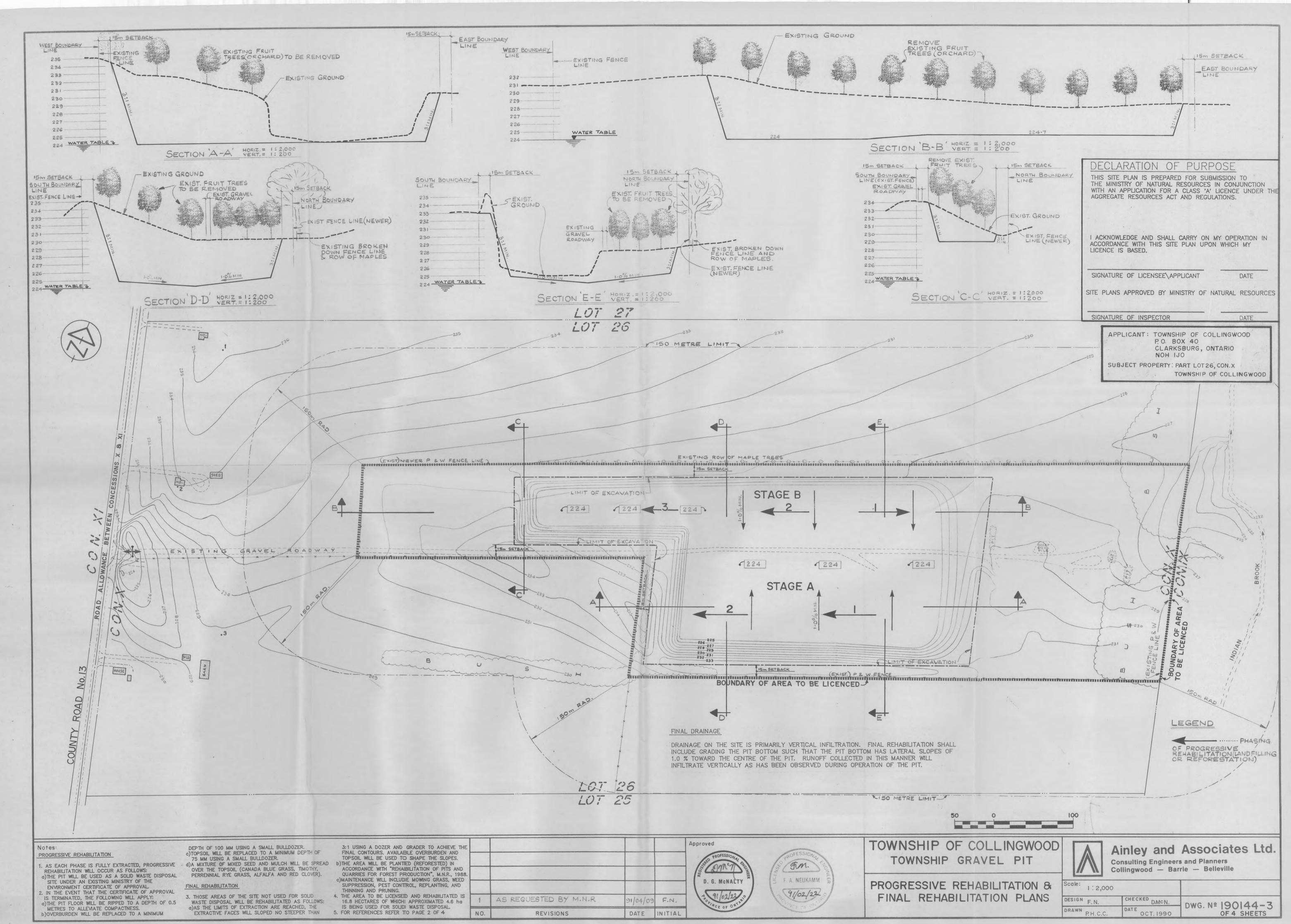
Licence #: 4822

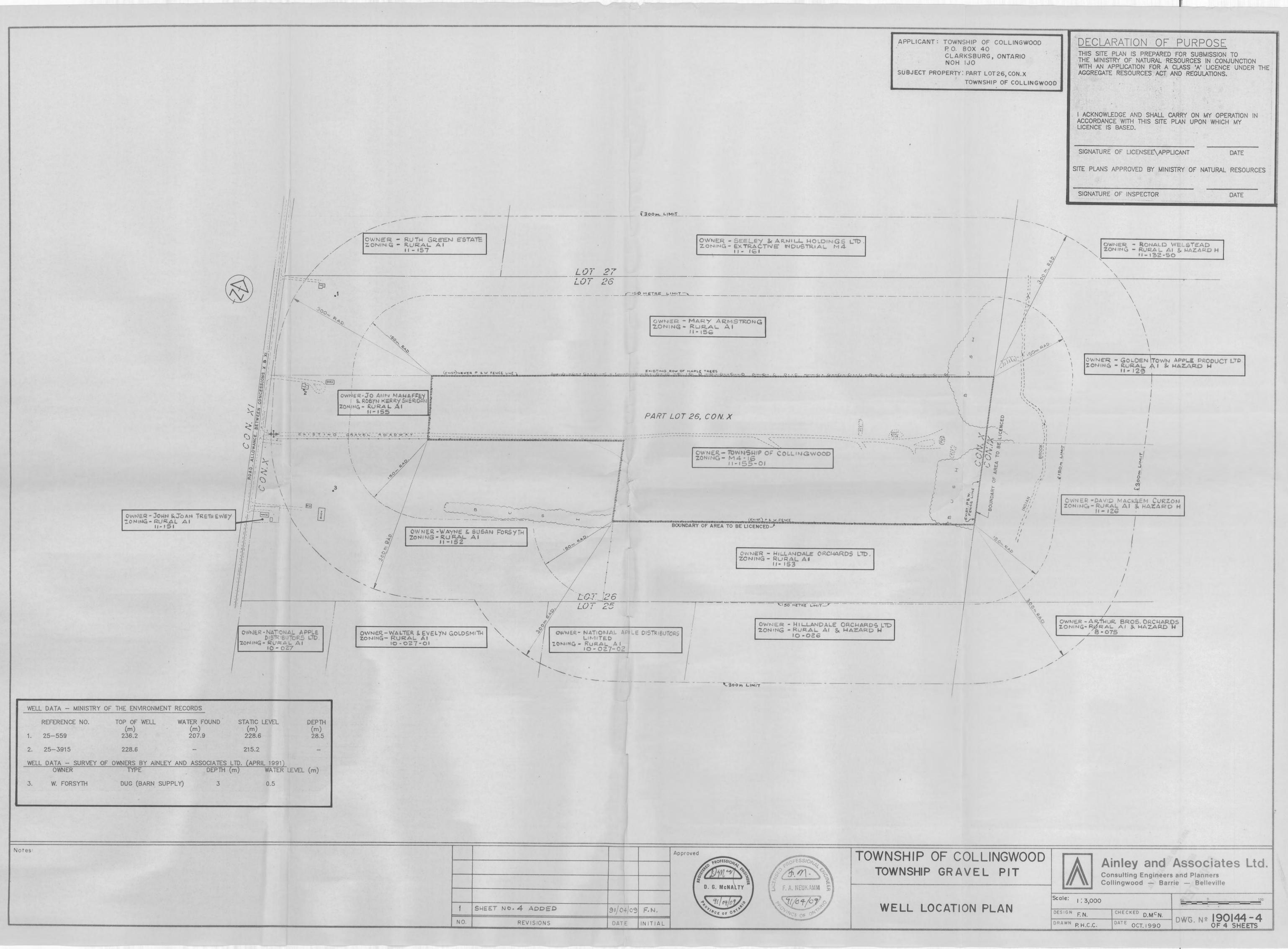
It is a condition of this licence that no more than **100,000 tonnes** of material shall be removed from this licensed site in any one calendar year.

ATTACHMENT C ORIGINAL OPERATIONAL AND REHABILITATION PLANS

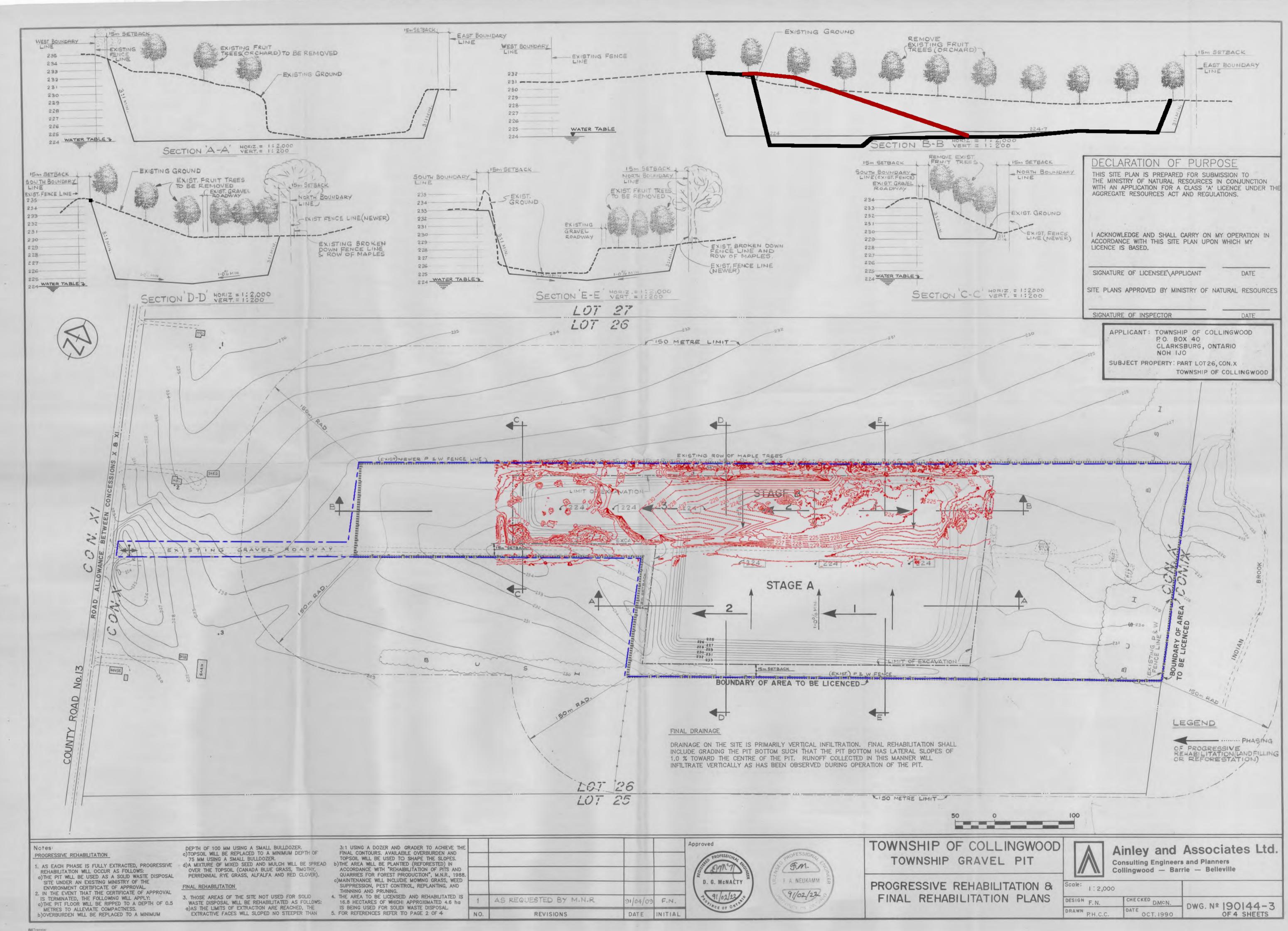


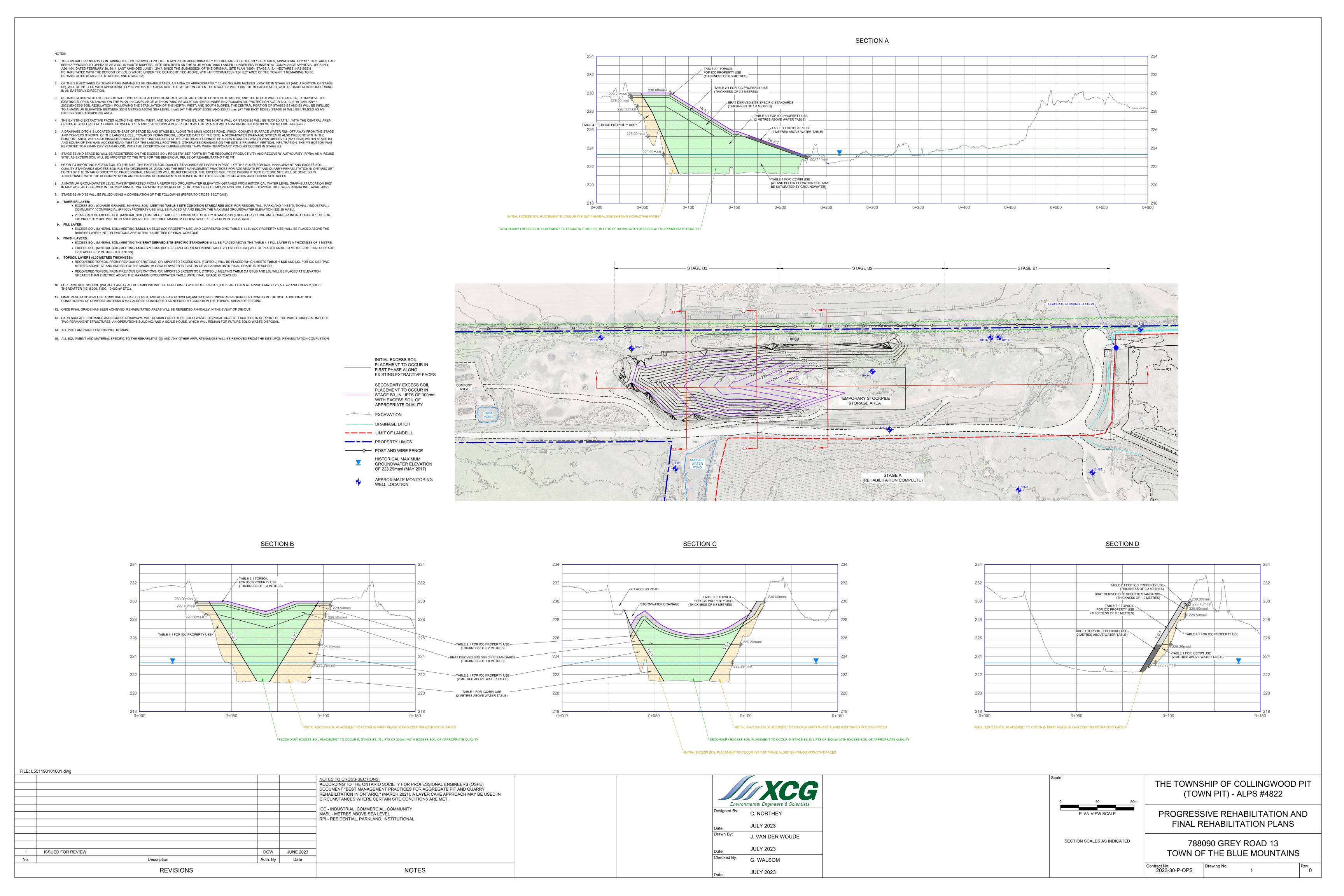






ATTACHMENT D AMENDED REHABILITATION PLAN





ATTACHMENT E ACCEPTANCE STANDARDS



Table A: Applicable Generic Excess Soil Quality Standards (O. Reg. 406/19) for Acceptance

Chemicals of Potential Concern (μg/g)	Table 1 for RPIICC Property Uses Table 2.1 for ICC Property Uses Uses 0.05 2.5 2		Table 4.1 for ICC Property Uses [Subsurface > 1.5 metres]	1 for ICC ty Uses ace > 1.5 Property Uses res]	
Acenaphthene Acenaphthylene	0.05 0.093	2.5 0.093	2.5 0.093	1.9 0.093	
Acetone Aldrin	0.5 0.05	0.5 0.088	0.5 0.37	0.5 0.088	
Anthracene	0.05	0.16	0.16	0.16	
Antimony Arsenic	1 11	40 18	63 39	40 18	
Barium	210	670	7700	670	
Benzene Benz[a]anthracene	0.02 0.095	0.02	0.02 0.92	0.02	
Benzo[a]pyrene	0.05	0.31	0.31	0.31	
Benzo[b]fluoranthene Benzo[ghi]perylene	0.3 0.2	3.2 13	3.2 110	3.2	
Benzo[k]fluoranthene	0.05	3.1	3.1	2.2	
Beryllium Biphenyl 1,1'-	2.5 0.05	4 0.05	60 0.05	0.05	
Bis(2-chloroethyl)ether	0.5	0.5	0.5	0.5	
Bis(2-chloroisopropyl)ether Bis(2-ethylhexyl)phthalate	0.5 5	0.5 9.9	0.5 9.9	9.9	
Boron (Hot Water Soluble)*	NA	2	NA 5000	2	
Boron (total) Bromodichloromethane	36 0.05	0.05	5000 0.05	0.05	
Bromoform Bromomethane	0.05 0.05	0.05 0.05	0.05 0.05	0.05 0.05	
Cadmium	1	1.9	7.9	1.9	
Carbon Tetrachloride Chlordane	0.05 0.05	0.05 0.05	0.05 3.4	0.05	
Chloroaniline p-	0.5	0.5	0.5	0.5	
Chlorobenzene Chloroform	0.05 0.05	0.083	0.083	0.083	
Chlorophenol, 2-	0.03	0.1	0.1	0.03	
Chromium Total	67 0.66	160 8	11000 40	160	
Chromium VI Chrysene	0.18	9.4	9.4	2.8	
Cobalt Copper	19 62	80 230	2500 1900	80 230	
Cyanide (CN-)	0.051	0.051	0.051	0.051	
Dibenz[a h]anthracene Dibromochloromethane	0.1	0.7 0.05	0.05	0.7 0.05	
Dichlorobenzene, 1,2-	0.05	6.8	14	6.8	
Dichlorobenzene, 1,3- Dichlorobenzene, 1,4-	0.05 0.05	0.26 0.05	0.26 0.05	0.26 0.05	
Dichlorobenzidine, 3,3'-	1	1	1	1	
Dichlorodifluoromethane DDD	0.05 0.05	1.5 4.6	1.5 15	1.5 0.55	
DDE	0.05	0.52	15	0.52	
DDT Dichloroethane, 1,1-	0.078 0.05	1.4 0.05	22 0.05	0.05	
Dichloroethane, 1,2-	0.05	0.05	0.05	0.05	
Dichloroethylene, 1,1- Dichloroethylene, 1,2-cis-	0.05 0.05	0.05	0.05 0.05	0.05	
Dichloroethylene, 1,2-trans-	0.05	0.05	0.05	0.05	
Dichlorophenol, 2,4- Dichloropropane, 1,2-	0.1 0.05	0.1	0.1 0.05 a	0.1	
Dichloropropene,1,3-	0.05	0.05	0.05	0.05	
Dieldrin Diethyl Phthalate	0.05 0.5	0.088	12 0.5 a	0.088	
Dimethylphthalate	0.5	0.5	0.5 a	0.5	
Dimethylphenol, 2,4- Dinitrophenol, 2,4-	0.2 2.00	0.43 2.00	0.43 2.00	2.00	
Dinitrotoluene, 2,4 & 2,6-	0.5	0.5	0.5	0.5	
Dioxane, 1,4 Dioxin/Furan (TEQ)	0.2 0.000007	0.2 0.000022	0.2 0.000022	0.2	
Endosulfan	0.04	0.04	0.04	0.04	
Endrin Ethylbenzene	0.04	0.04	7.8 0.05	0.04	
Ethylene dibromide	0.05	0.05	0.05	0.05	
Fluoranthene Fluorene	0.24 0.05	2.8 6.8	2.8 6.8	2.8 6.6	
Heptachlor	0.05	0.072	0.072	0.05	
Heptachlor Epoxide Hexachlorobenzene	0.05 0.01	0.05 0.034	0.05 0.034	0.05	
Hexachlorobutadiene	0.01	0.01	0.01	0.01	
Hexachlorocyclohexane Gamma- Hexachloroethane	0.01 0.01	0.01	0.01	0.01	
Hexane (n)	0.05	2.5	2.5	0.05	
Indeno[1 2 3-cd]pyrene Lead	0.11 45	0.76 120	11 1000	0.76 120	
Mercury	0.16	0.27	1.9	0.27	
Methoxychlor Methyl Ethyl Ketone	0.05	0.19 0.5	0.19 0.5	0.05	
Methyl Isobutyl Ketone	0.5	0.5	0.5	0.5	
Methyl Mercury Methyl tert-Butyl Ether (MTBE)	NV 0.05	0.00097 0.05	0.00097 0.05	0.00097 0.05	
Methylene Chloride	0.05	0.05 0.59	0.05	0.05	
Methlynaphthalene, 2-(1-) Molybdenum	0.05	40	0.59 1200	0.59 40	
Naphthalene Nickel	0.05 37	0.2 270	0.2 510	0.09 270	
Nickel Pentachlorophenol	0.1	0.34	0.34	0.34	
Petroleum Hydrocarbons F1	17 10	25 26	25 26	25 12	
Petroleum Hydrocarbons F2 Petroleum Hydrocarbons F3	240	240	26 240	240	
Petroleum Hydrocarbons F4	120 0.19	3300 12	6900 23	3300 12	
Phenanthrene Phenol	0.19	2.4	2.4	2.4	
Polychlorinated Biphenyls	0.3 0.19	0.78 28	4.1 28	0.3	
Pyrene Selenium	0.19 1.2	5.5	28 1200	5.5	
Silver Styrene	0.5 0.05	40 0.05	490 0.05	40 0.05	
Γetrachloroethane, 1,1,1,2-	0.05	0.05	0.05	0.05	
Tetrachloroethylene	0.05	0.05 0.05	0.05	0.05	
Fetrachloroethylene Fhallium	0.05	3.3	0.05	0.05 3.3	
Γoluene	0.2	0.2	0.2	0.2	
Trichlorobenzene, 1,2,4- Trichloroethane, 1,1,1-	0.05 0.05	0.51 0.12	0.51 0.12	0.05 0.05	
Trichloroethane, 1,1,2-	0.05	0.05	0.05	0.05	
Trichloroethylene Trichlorofluoromethane	0.05 0.05	0.05 0.25	0.05 0.25	0.05 0.25	
Γrichlorophenol, 2,4,5-	0.1	0.11	0.11	0.11	
Frichlorophenol, 2,4,6- Uranium	0.1 1.9	10 33	24 300	10 33	
Vanadium	86	86	160	86	
Vinyl Chloride Xylene Mixture	0.02 0.05	0.02 0.091	0.02 0.091	0.02	
Zinc	290	340	15000	340	
Electrical Conductivity (mS/cm)	0.47	1.4	1.4	1.4	

Notes: NA - not applicable. NR - No leachate analysis required.

NR - No teachate analysis required.

All values presented as µg/g.

ICC - industrial, commercial, community land use as defined in O.Reg. 153/04 (and Reg. 406/19 by extension).

RPI - residential/parkland/institutional land use as defined in O. Reg. 153/04 (and Reg. 406/19 by extension).

* The boron standards are for hot water soluble extract for all surface soils. Refer to total boron for subsurface soils (depths >1.5 m)



Table B: Applicable Leachate Screening Levels (O. Reg. 406/19) for Acceptance Criteria

Chemicals of Potential Concern (μg/L)	Table 1 for RPIICC Property Uses	Table 2.1 for ICC Property Uses	Table 4.1 for ICC Property Uses [Subsurface > 1.5 metres]	Table 6.1 for ICC Property Uses
Acenaphthene Acenaphthylene				
Acetone Aldrin				
Anthracene				
Antimony Arsenic		6	6 13	6
Barium Benzene		1000	1000	1000
Benz[a]anthracene				
Benzo[a]pyrene Benzo[b]fluoranthene				
Benzo[ghi]perylene Benzo[k]fluoranthene				
Beryllium		4	4	4
Biphenyl 1,1'- Bis(2-chloroethyl)ether	5	5	5	5
Bis(2-chloroisopropyl)ether Bis(2-ethylhexyl)phthalate			4	4
Boron (Hot Water Soluble)* Boron (total)		5000	5000	5000
Bromodichloromethane				
Bromoform Bromomethane	0.5	0.5	0.5	0.5
Cadmium Carbon Tetrachloride	0.2	0.5	0.5	0.5
Chlordane				
Chloroaniline p- Chlorobenzene				10
Chloroform Chlorophenol, 2-	1			1
Chromium Total		50	50	50
Chromium VI Chrysene				
Cobalt		3.8 14	3.8 14	3.8 14
Copper Cyanide (CN-)				
Dibenz[a h]anthracene Dibromochloromethane				
Dichlorobenzene, 1,2- Dichlorobenzene, 1,3-	0.55	0.55	0.55	0.55
Dichlorobenzene, 1,4-	0.5	0.5	0.5	0.5
Dichlorobenzidine, 3,3'- Dichlorodifluoromethane	0.5	0.5	0.5	0.5
DDD				
DDE DDT				
Dichloroethane, 1,1- Dichloroethane, 1,2-	0.5 0.5	0.5	0.5	0.5
Dichloroethylene, 1,1-	0.5	0.5	0.5	0.5
Dichloroethylene, 1,2-cis- Dichloroethylene, 1,2-trans-	0.5 0.5	0.5 0.5	0.5 0.5	0.5 0.5
Dichlorophenol, 2,4- Dichloropropane, 1,2-	0.5	0.5	0.5	0.5
Dichloropropene,1,3-	0.5			0.5
Dieldrin Diethyl Phthalate	0.095	0.097 2	0.097	0.095
Dimethylphthalate Dimethylphenol, 2,4-	2	2	2	2
Dinitrophenol, 2,4-	10.00 5	10 5	10 5	10 5
Dinitrotoluene, 2,4 & 2,6- Dioxane, 1,4	2	2	2	2
Dioxin/Furan (TEQ) Endosulfan				
Endrin Ethylbenzene	0.061	0.062	0.062	0.061
Ethylene dibromide	0.2	0.2	0.2	0.2
Fluoranthene				
Heptachlor Heptachlor Epoxide	0.01 0.01	0.01	0.01	0.01 0.01
Hexachlorobenzene		0.01	0.01	
Hexachlorobutadiene Hexachlorocyclohexane Gamma-				
Hexachloroethane Hexane (n)				
Indeno[1 2 3-cd]pyrene				
Lead Mercury			4	
Methoxychlor				
Methyl Ethyl Ketone Methyl Isobutyl Ketone				
Methyl Mercury Methyl tert-Butyl Ether (MTBE)				
Methylene Chloride				
Methlynaphthalene, 2-(1-) Molybdenum	23	23	23	23
Naphthalene Nickel		78	 78	 78
Pentachlorophenol				
Petroleum Hydrocarbons F1 Petroleum Hydrocarbons F2				
Petroleum Hydrocarbons F3 Petroleum Hydrocarbons F4				
Phenanthrene				
Phenol Polychlorinated Biphenyls				
Pyrene Selenium		10	10	10
Silver	0.3	0.3	0.3	0.3
Styrene Tetrachloroethane, 1,1,1,2-	0.5			0.5
Tetrachloroethane, 1,1,2,2- Tetrachloroethylene	0.5 0.5	0.5 0.5	0.5 0.5	0.5 0.5
Thallium	2	2	2	2
Toluene Trichlorobenzene, 1,2,4-				
Trichloroethane, 1,1,1- Trichloroethane, 1,1,2-	0.5			0.5
Trichloroethylene	0.5	0.5	0.5	0.5
Trichlorofluoromethane Trichlorophenol, 2,4,5-				
Trichlorophenol, 2,4,6- Uranium	0.75	0.75 20	0.75 20	0.75 20
Vanadium			6.2	
Vinyl Chloride Xylene Mixture				
Zinc Electrical Conductivity (mS/cm)	 NA	180 NA	180 NA	180 NA
Licensea Conductivity (m5/cm)	NA NA	NA NA	NA NA	NA NA

Notes:

NA - Not applicable.

-- No leachate analysis required.

All values presented as µg/L.

ICC - industrial, commercial, community land use as defined in O.Reg. 153/04 (and Reg. 406/19 by extension),

RPI - residential/parkpand/institutional land use as defined in O. Reg. 153/04 (and Reg. 406/19 by extension).

* The boron standards are for hot water soluble extract for all surface soils. Refer to total boron for subsurface soils (depths >1.5 m)