



MISSISSIPPI VALLEY CONSERVATION AUTHORITY
4175 Hwy 511, R.R. #2 Lanark, Ontario. K0G 1K0 Tel (613) 259-2421, Fax (613) 259-3468

PERMIT
DEVELOPMENT, INTERFERENCE WITH WETLANDS AND ALTERATIONS TO
SHORELINES AND WATERCOURSES
ONTARIO REGULATION 153/06

File: W10/109



RE: Application Made under Ontario Regulation 153/06 to place Fill within the Regulatory 1:100 Year Flood Plain of Mississippi Lake in order to Replace an Existing Septic System
126 Avenue 4
Lot 6, Concession 9, Township of Beckwith

The Mississippi Valley Conservation Authority hereby grants you permission to undertake the proposal outlined in application W10/109, as shown on Schedule "A" (4 pages) attached. It is our understanding that you propose the excavation and placement of fill within the 1:100 year flood plain (135.6 metres G.S.C.D) of Mississippi Lake for the purpose of installing a new Waterloo Biofilter septic system. Work according to this permit may commence immediately, to be completed by December 6, 2012, subject to the following conditions:

1. The locations and dimensions of the work area shall conform to the dimensions shown on Schedule "A", as submitted November 18, 2010.
2. With the exception of fill material required for the new septic system, as shown on Schedule "A", there will be no other imported fill placed as part of this project.
3. The septic system must be designed to address potential impacts from flooding during a 1:20 year flood event, at minimum. Specifically, the system must be sufficiently anchored, and the base of the stone layer shall be a minimum elevation of 135.33 metres G.S.C.D. We note that the geodetic water level on June 30, 2010 was 135.22 metres G.S.C.D. This level correlates to the assumed water level of 98.30 m shown on Schedule "A".

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4. Any excavate or excess fill that is not required for the new septic system shall be removed from within the regulatory (1:100 year) flood plain and the Regulation Limit of Mississippi Lake.
5. All disturbed areas shall be stabilized immediately after construction with a suitable ground cover. If ground cover is not established prior to freeze-up, a sediment barrier must be installed to prevent sediment entering the lake due to overland runoff and high water.
6. All work shall be carried out in such a manner that will prevent the release of construction and excavation wastes, overburden soil and any other substances deleterious to aquatic life into Mississippi Lake.
7. The permit holder shall maintain a copy of this permit on site and shall ensure that all individuals involved in carrying out the work are aware of the permit and its conditions.

Any deviation from the approved criteria without prior written approval from the Mississippi Valley Conservation Authority will constitute a violation of the approved permit. This could result in the permit being revoked in accordance with Section 8 of Ontario Regulation 153/06, which states:

8 (1) The Authority may cancel a permission if it is of the opinion that the conditions of the permission have not been met.

By this letter the Mississippi Valley Conservation Authority assumes no responsibility or liability for any flood, erosion, or slope failure damage which may occur either to your property or the structures on it or if any activity undertaken by you adversely affects the property or interests of adjacent landowners. This letter does not relieve you of the necessity or responsibility for obtaining approval from the municipality or for acquiring any other federal or provincial permits (including, but not limited to, Ontario Planning Act zoning, site plan approvals and/or Building Code Act permits) or compliance with the Endangered Species Act.

NOTE: The information on this form is being collected for the purpose of administering a regulation made pursuant to Section 28, Conservation Authorities Act, R.S.O. 1990, Chapter 27. This application and supporting documents and any other documentation received relating to this application, may be released, in whole or in part, to other persons in accordance with the Municipal Freedom of Information and Protection of Privacy Act, R.S.O. 1990c. M.56, as amended.


Matt Craig
Manager of Planning and Regulatory Services

Dated at Lanark, Ontario, this 6 day of December, 2010.



SCHEDULE "A"

MVC Use Only

File No.: W10-109

PERMIT APPLICATION FORM
Development, Interference with Wetlands and Alterations to Shorelines and Watercourses
(Pursuant to Ontario Regulation 153/06)

A permit must be obtained prior to construction, placement/excavation of fill, or alterations to wetlands, shorelines and watercourses in any area covered by this regulation. Violations of this regulation could result in fines and an order to remove the offending works or structures.

PLEASE PRINT CLEARLY

Landowner and/or Agent Details

Owner's Name (Last, First): [Redacted] Phone # (Home): 613-836-1566
Mailing Address: 188 COYOTE CRES Phone # (Work):
STITTSVILLE, ON Postal Code: K2S 2E8 Fax #:

If using an agent to complete work:

Agent's Name (Last, First): WHITE, DAVID Phone #: 613-839-5460
Mailing Address: PO BOX 296 2405 MARCHE RD Phone # (Work):
CARP, ON Postal Code: K0A 1L0 Fax #: 613-839-1730

Property Details

Lot: 6 Concession: 9 Registered Lot No.: Registered Plan No.:
Municipality: TWP BECKWITH Former Ward: Civic/Street Address/PIN: 126 AVENUE 4
Roll No. (refer to Property Tax or Assessment Notice): 09 24 00 00 35 114 00 0 000
Existing Land Use (Vacant, Residential, etc.): RESIDENTIAL - COTTAGE.

Additional Information

Table with 3 columns: Yes, No, Status. Rows include: Previous MVC applications for this property (if known)? (Yes checked, Status: COMPLETE); Planning approval required from Municipality? (Yes checked, Status: ON GOING); Applications made to other agencies? (No checked).



SCHEDULE "A"

Description of Type of Development / Work(s) Proposed

(attach a separate sheet if more space is required)

- Place or Remove Fill
- Construct New Building
- Construct Pond, Reservoir
- Alter Existing Watercourse (e.g. install culvert)
- Add to, Alter or Renovate Building
- Install Sewage Disposal System
- Construct Retaining Wall, Erosion Control
- Construct, Alter or Repair Dock or Boat Ramp
- Other: REPLACE SEPTIC SYSTEM

Description of Proposal: SEPTIC SYSTEM TO BE REPLACED, DUE TO DAMAGE BY CONTRACTOR.

Proposed Start Date: 11 / 19 / 2010 Proposed Finish Date: 12 / 31 / 2010
M D Y M D Y

Checklist of Application Requirements

Please provide 4 copies of documents that exceed 11" x 14" in size
Before submitting, ensure the following is included:

| | Requirement |
|-------------------------------------|--|
| <input checked="" type="checkbox"/> | Pre-consultation with Mississippi Valley Conservation |
| <input checked="" type="checkbox"/> | Completed Permit Application Form (pages 2 & 3) |
| <input checked="" type="checkbox"/> | Directions to work site/location map |
| <input checked="" type="checkbox"/> | Site plan (refer to checklist included in this document for additional details) |
| <input checked="" type="checkbox"/> | Cross-section referencing a benchmark (refer to checklist included in this document for additional details) |
| <input checked="" type="checkbox"/> | Professional drawings (e.g. grading plan, survey plan) of proposed works as required (refer below for details) |
| <input checked="" type="checkbox"/> | Signature or written authorization from Landowner |
| <input checked="" type="checkbox"/> | Application processing fee (see included fee structure for appropriate fee) |
| <input checked="" type="checkbox"/> | Photos of the work site as available |

Detailed **professional drawings** such as grading and survey plans from, for example, a Contractor or Engineer is required for the following works:

- √ new dwellings and/or structures in the floodplain
- √ additions greater than or equal to 50% of the existing dwelling and/or structure in the floodplain
- √ retaining walls greater than 1 metre high
- √ fill depths greater than 1.5 metres (may be required for fill depths less than 1.5 metres)
- √ finished crawl spaces

NOTE: Insufficient information may delay the processing of this application. A written response will be provided within 30 days of receipt of all necessary information. This application does not relieve the applicant of the obligation to secure any other necessary approval.

I, [Redacted] declare that I am the landowner/agent and that the above information is correct to the best of my knowledge. I also permit MVC staff to undertake periodic inspections of the work site.

Signature: [Signature]
(Signature or written authorization from the owner is mandatory)

Date: 11 / 18 / 2010
M D Y

Ken White Construction 2000 Ltd.

PO Box 296
 2405 March Road
 Carp, Ontario
 KoA 1Lo

Invoice

Date Invoice #

6/8/2011 KWC-1180

Phone # 613 839-5460 Fax # 613 839-1730

Invoice To



Ship To



| Item | Description | Qty | U/M | Price each | Amount |
|----------------|---|-----|-----|------------|------------|
| | Scope of work: Septic System Replacement, 1100L/day Items included: Pump out existing septic tank and remove Supply and install 3600 L. Septic tank with Effluent Filter WB 5-24 Pump chamber, pump, high water alarm Waterloo Biofilter Model WBS 11 Cedar Shed Equipment rental, labour, pipe, septic sand, septic stone, Topsoil over disturbed area. | | | | |
| Each | Work completed for the sum of... | 1 | | 23,822.17 | 23,822.17T |
| Permit | Septic Permit design and approval process | 1 | | 1,750.00 | 1,750.00T |
| Permit | Electrical permit and power to supply to pump and high water alarm from existing panel | 1 | | 875.00 | 875.00T |
| | Additional Required Items | | | | |
| Backhoe Ram | Back Hoe - Ram Rental, break rock for septic tank 05/31/2011 | 4 | | 195.00 | 780.00T |
| Float | Float Charge (Hoe Ram) 05/31/2011 | 1 | | 220.00 | 220.00T |
| Mini Excavator | Mini Excavator Rental, dig out rock from Hoe-Ram 05/31/2011 | 4 | | 95.00 | 380.00T |
| Each | Supply and place sod over disturbed area, labour & equipment to install included, water sod as being installed only, (sod watering after install to be owners responsibility) | 1 | | 3,500.00 | 3,500.00T |
| | HST (ON) on sales | | | 13.00% | 4,072.53 |

HST No. 864218094 RT 0001**Subtotal \$31,327.17**

*Payments due upon completion of each item.
 2%/mo INTEREST ON ALL OVERDUE ACCOUNTS*

HST Total \$4,072.53E-mail admin@kwc2000.ca**Total \$35,399.70**Web Site www.kwc2000.ca**Payments/Credits \$0.00****Balance Due \$35,399.70**

SEWAGE SYSTEM COMPLETION CERTIFICATE

LEEDS GRENVILLE & LANARK DISTRICT HEALTH UNIT
 Ont. Building Code Act, R.S.O. 1992, C.23, S.11, O. Reg 403/97

| | | | | |
|--------------------------|----------------|---|-----------------------------------|---|
| Applicant: [REDACTED] | | | Permit #: 55557 | |
| Municipality: Bedford | Ward: | Lot: 6 | Concession: 9 | Assessment Roll #: 0924000035114000000 |
| Inspection Details | Time: 10:10 | <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM | Date: June 11 10 | Representing Applicant: Dave White |

126 Avenue 4

1. Sewage System Details:

- Septic tank/holding tank of working capacity of 3850 Litres constructed of concrete or plastic on site or prefabricated to serve 2 (no. of bedrooms or units).
 Make of Prefabricated Tank Infiltrator TW 1050
Pump chamber WB-5-24
- Leaching bed with a total of metres of mm(millimetres) diameter distribution pipe of (type and product description) laid in runs and fed by (gravity, siphon, pump).
- Filter bed loading area bed = 24.4 m² stone layer
- Other treatment units (Manufacturer/Model) Waterloo Biofilter 1100
- Other details: photos provided

2. Location:

- System components installed as shown on application supporting the Permit
- System components installed as shown on the "As Constructed Plan"

3. Backfill Notification Received On:

Date: June 11 Name of Notifier: Dave White

| | | |
|--------------------------------------|--------------------------------------|----------------------------|
| INSPECTED BY: <u>Deborah Stet</u> | ISSUED BY C.B.O. <u>Mark Yuen</u> | DATE: <u>June 16/11</u> |
|--------------------------------------|--------------------------------------|----------------------------|

Information contained on this form is collected pursuant to the Ontario Building Code Act, 1992 as amended. The information may be released to members of the public upon request for a file search. Questions regarding the collection of this information should be directed to the Chief Building Official of the Leeds, Grenville and Lanark District Health Unit.

FOR OFFICIAL USE ONLY

Permit Faxed Attn: Municipal Building Official June 20/11 (Date)

COPY

Copy to Applicant