

# Ottawa Rural Clean Water Grants

05 16 2102 DDB  
Agenda Pg. 12



# 05 16 2102 DDB Agenda Pg. 12



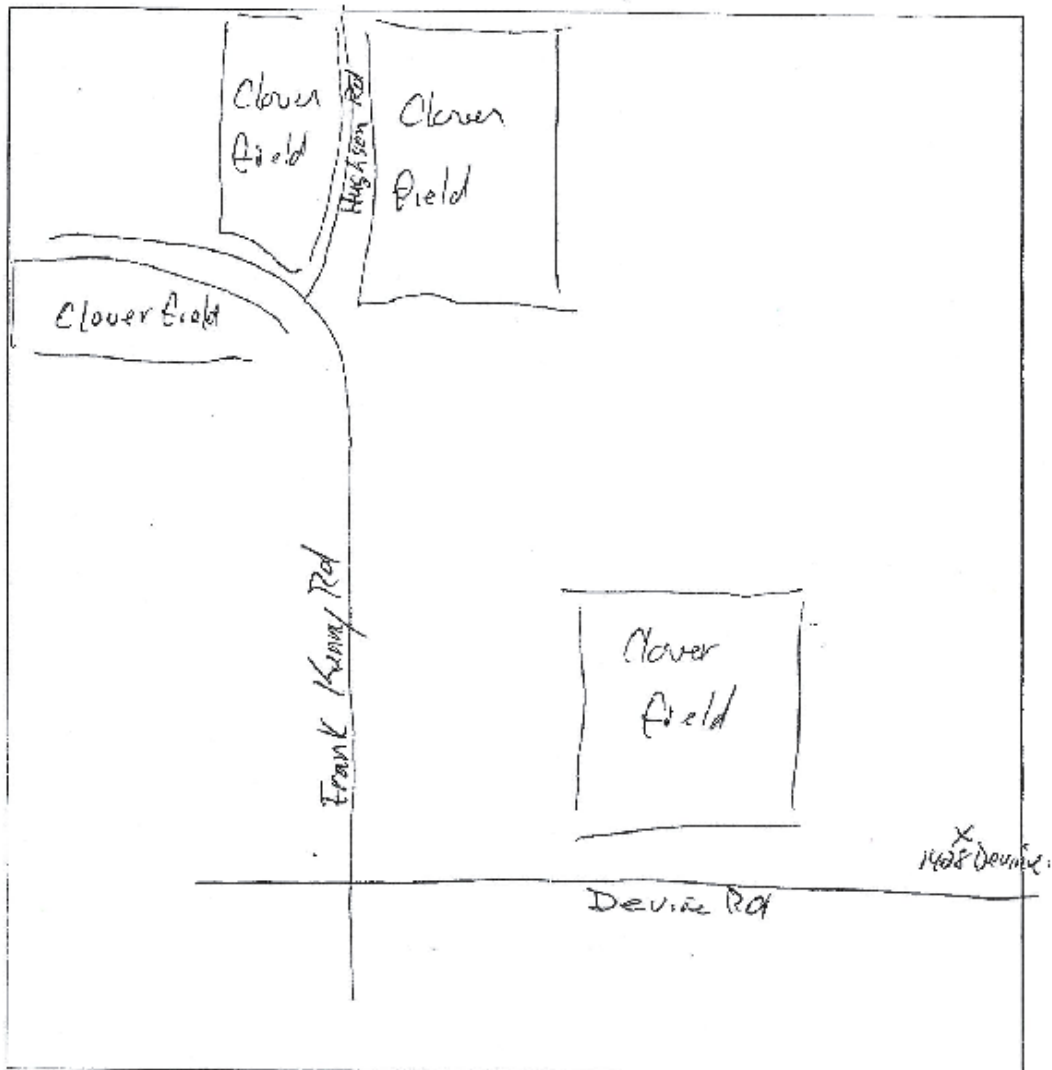
## 10. Sketch Sheet

05-16-2102 DDB  
OTTAWA RURAL CLEAN WATER PROGRAM  
APPLICATION FORM



Please Provide:

- a) Location and name of watercourse(s);
- b) Location of existing and proposed project, including distances to watercourses and lot lines;
- c) Location and distance of all buildings, wells, septic systems, lot lines, roadways, etc. and
- d) Any applicable features such as width of buffer strip, length of fencing, size of pasture, and any other dimensions outlined in your project section.



# 2017-NAT-CW27

## Agenda Pg. 13

### 7. Sketch Sheet

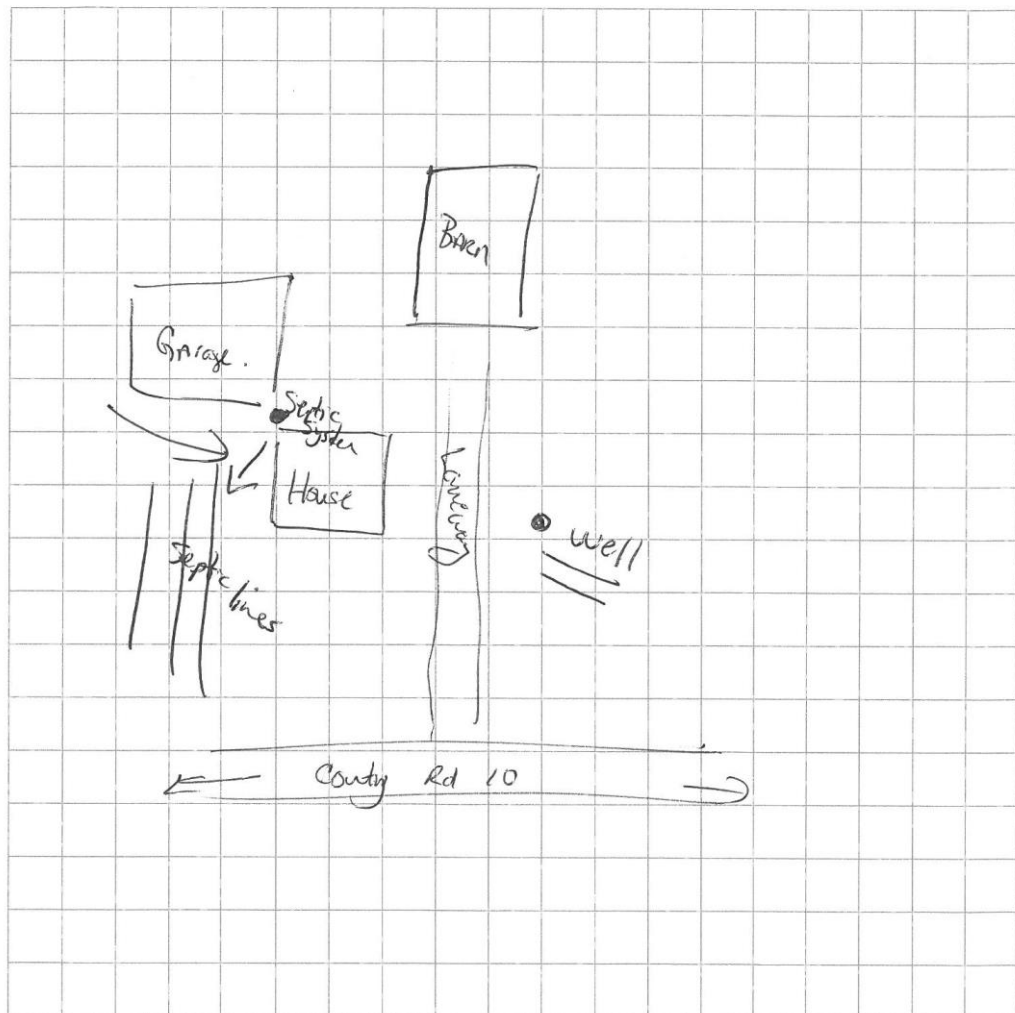
2017-NAT-CW27

- Please Provide:
- a) location and name of watercourse(s)
  - b) location of existing and proposed project, including distances to watercourses and lot lines
  - c) Location and distance of all buildings, wells, septic systems, lot lines, roadways, etc, and
  - d) any applicable features such as width of buffer strip, length of fencing, and any other dimensions outlined in your project section

Lot: \_\_\_\_\_

Concession: \_\_\_\_\_

Former Township: \_\_\_\_\_





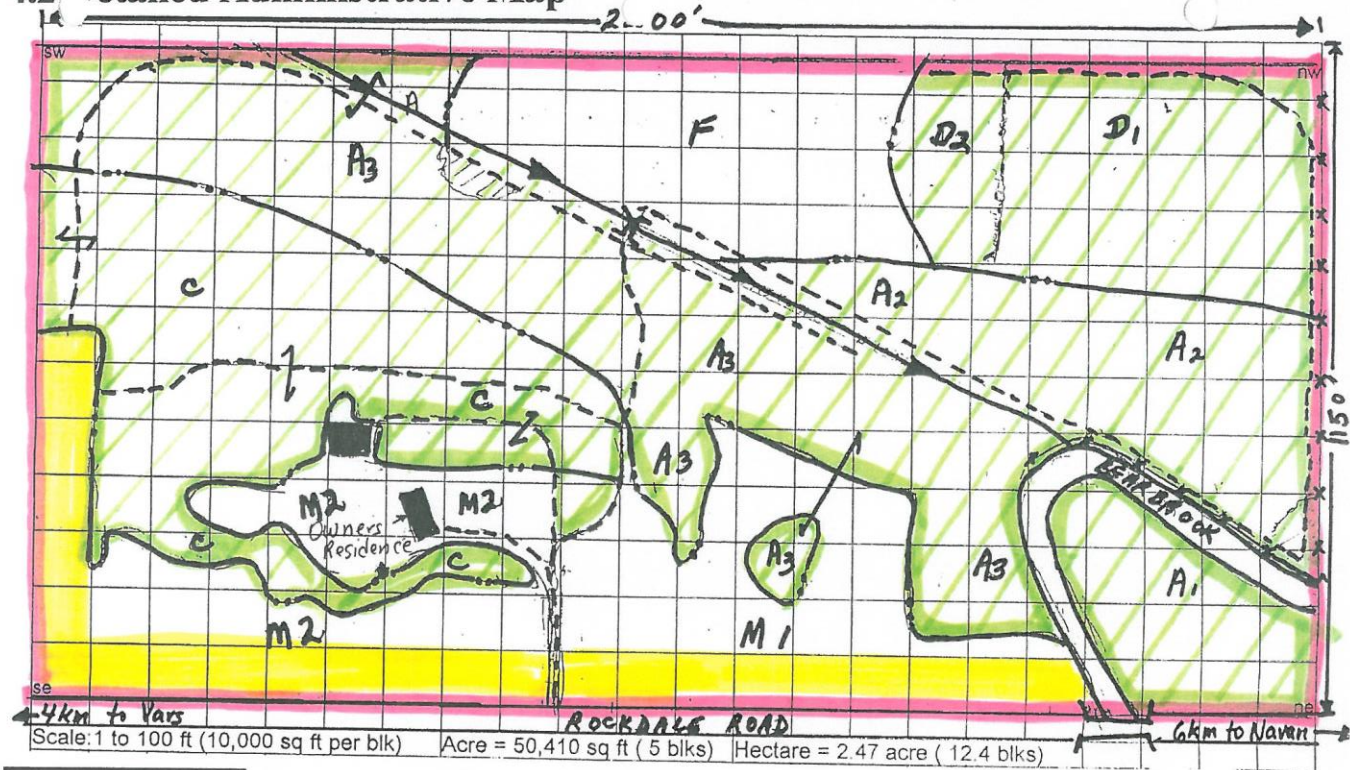
# 05 2018 2205 DDA Agenda Pg. 16



The property has a large municipal drain crossing the rear portion on an angle to join with the Bear Brooke creek which loops through the property in the north east corner. The drain was cleaned by the city in 2010. Note Area F on the compartment map is the large meadow bordering the ditch. Areas A-,A2, A3 are flood plain trees mostly red or silver maple. The flood plain is in full flood now so is inaccessible for Ditch pictures. I have included a picture of the Creek at the Bridge on Rockdale.

# 05 2018 2205 DDA Agenda Pg. 16

## 4.2 Detailed Administrative Map



| LEGEND |                      |
|--------|----------------------|
|        | Building             |
|        | Compartment Boundary |
|        | property boundary    |
|        | fence                |
|        | trail                |
|        | watercourse          |
|        | open field           |
|        | FORESTED AREA        |
|        | ELIGIBLE OPEN AREA   |

|                     |            |
|---------------------|------------|
| Total Area:         | 50 acres   |
| Forested Area:      | 33.4 acres |
| Eligible Open Area: | 3.3 acres  |
| Ineligible Area:    | 13.3 acres |

05 18 2206 DDA  
Agenda Pg. 17



# 05 18 2206 DDA Agenda Pg. 17

|                      |  |
|----------------------|--|
| Map of Your Location |  |
|----------------------|--|

Please provide a map before following instructions on the task.



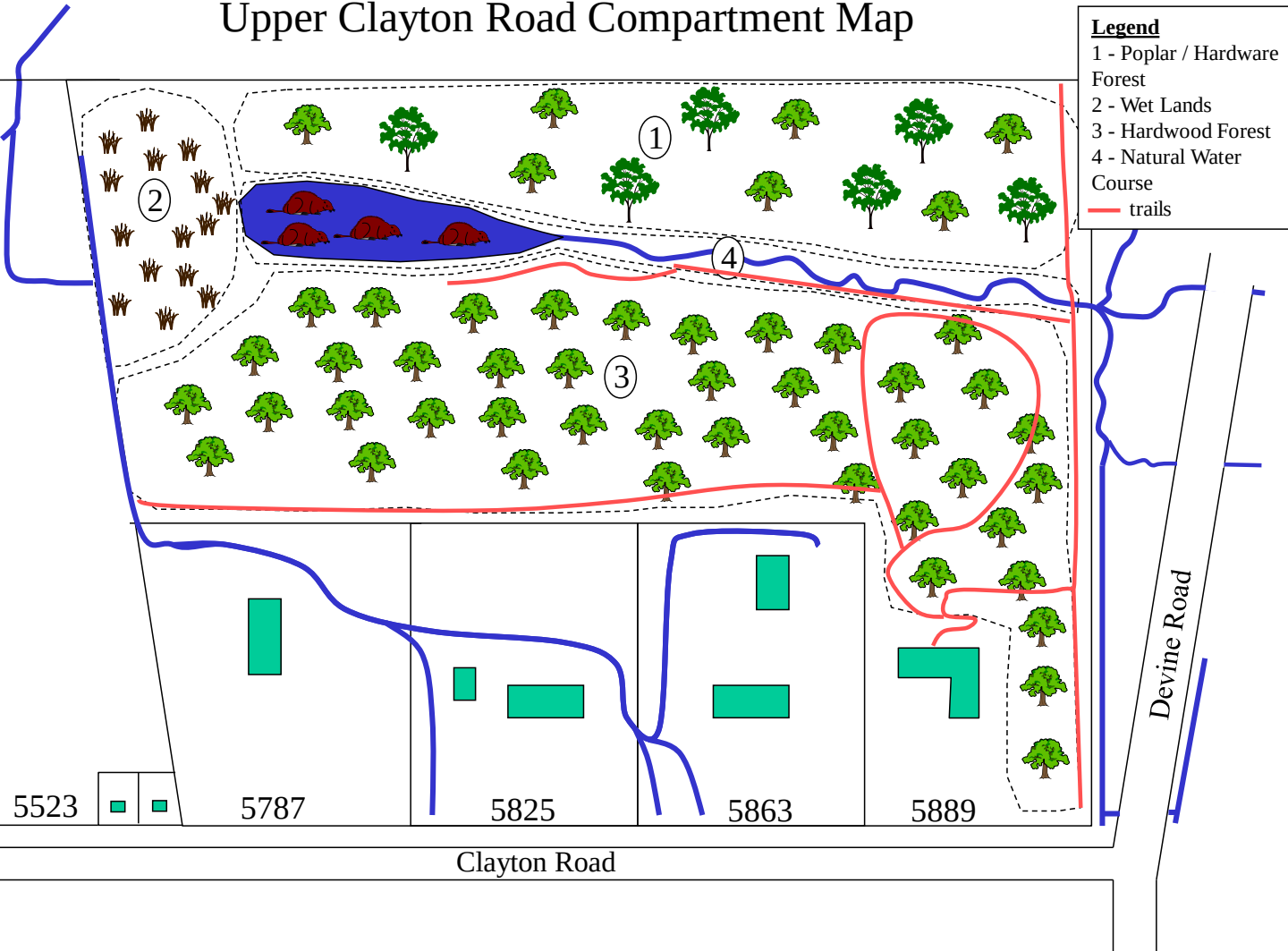


05 18 2207 DDA  
Agenda Pg. 18



# 05 18 2207 DDA Agenda Pg. 18

## Upper Clayton Road Compartment Map

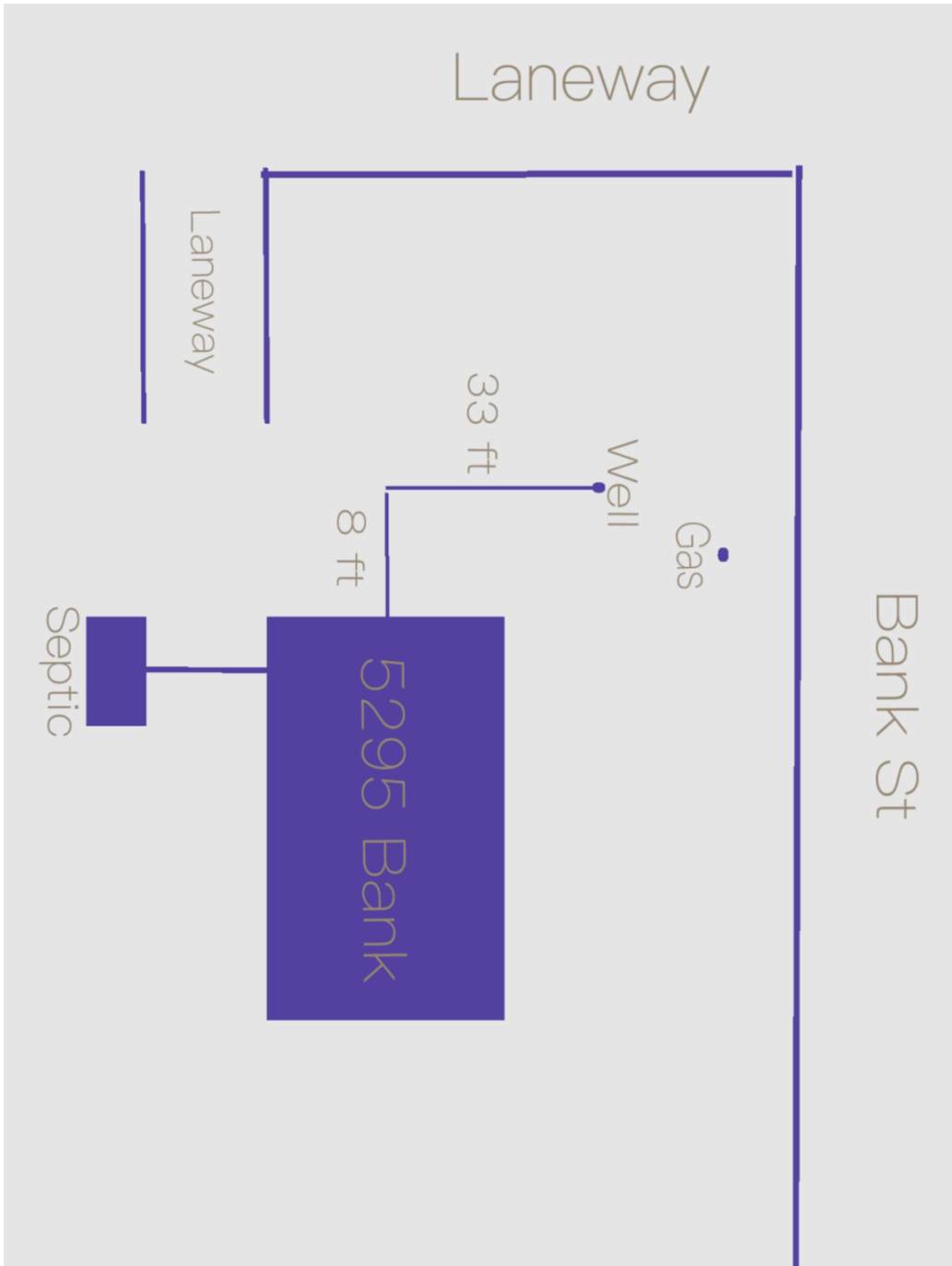




05 18 2208 DDA  
Agenda Pg. 19



# 05 18 2208 DDA Agenda Pg. 19



# Clean Water Program Grants

# 2018-NAT-CW01

## Agenda Pg. 20





# 2018-NAT-CW01

## Agenda Pg. 20

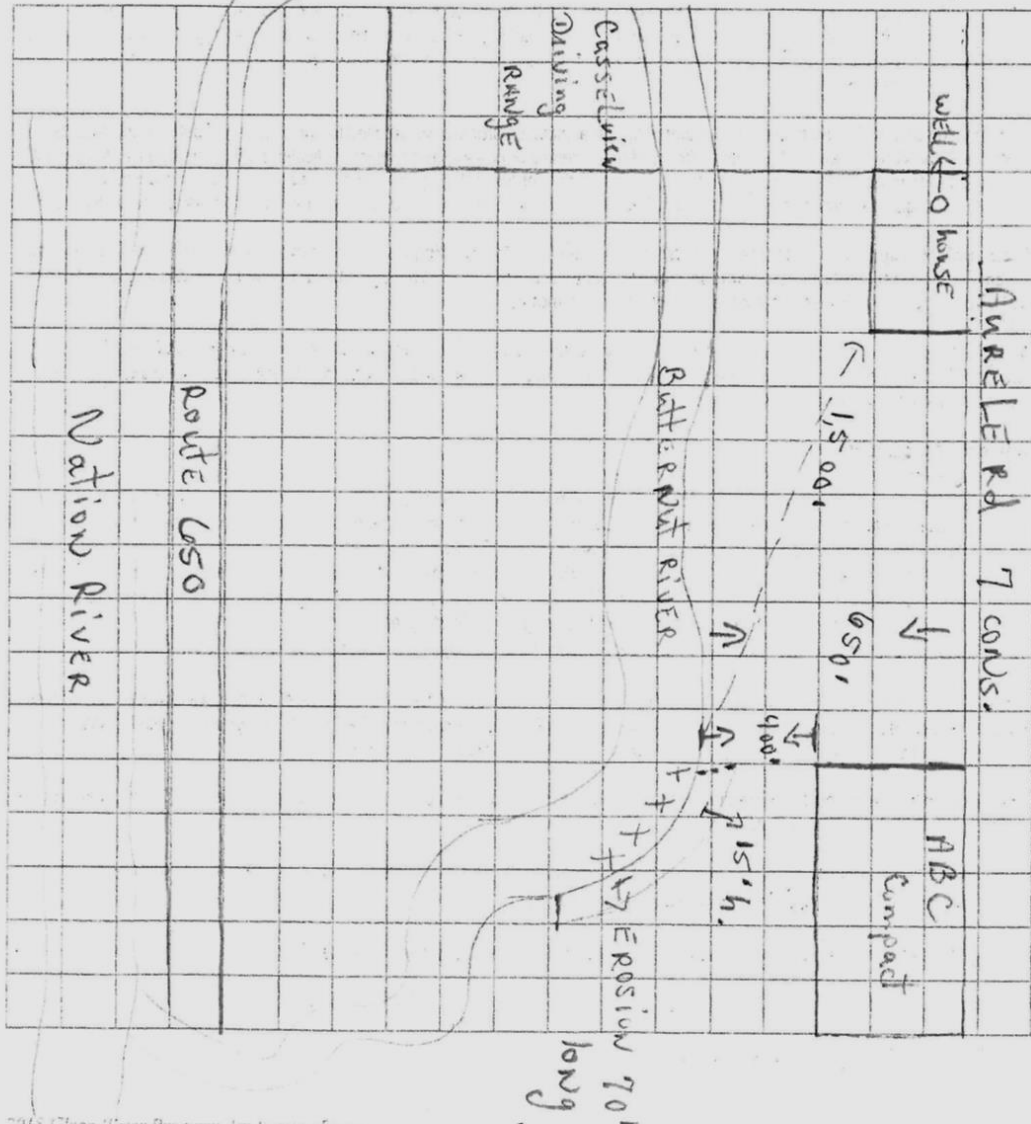
### 7. Sketch Sheet

- Please Provide:
- a) location and name of watercourse(s)
  - b) location of existing and proposed project, including distances to watercourses and lot lines
  - c) Location and distance of all buildings, wells, septic systems, lot lines, roadways, etc, and
  - d) any applicable features such as width of buffer strip, length of fencing, and any other dimensions outlined in your project section

Lot: 11, 12, 13

Concession: 7

Former Township: Cambridge



# 2018-NAT-CW01

## Agenda Pg. 20

### 2018 Project Rating for Stream Bank Erosion

Project Code: 2018-NAT-CW01  
 Project Type: Streambank Erosion  
 Rep: Geoff Owens

| Criteria                                                            | Evaluation of Criteria                     |                                            |                                              | Total Available Points | Project Score |
|---------------------------------------------------------------------|--------------------------------------------|--------------------------------------------|----------------------------------------------|------------------------|---------------|
|                                                                     | High                                       | Medium                                     | Low                                          |                        |               |
| 1. Type of watercourse                                              | <u>Permanent</u>                           | Intermittent                               | Private or roadside ditch                    | 2                      | <u>2</u>      |
| 2. Evidence of erosion                                              | Severe, active bank erosion                | <u>Non-severe, active bank erosion</u>     | Potential for bank erosion or upland erosion | 3                      | <u>2</u>      |
| 3. Bank slopes                                                      | <u>&gt;5%</u>                              | 3% - 5%                                    | <2%                                          | 3                      | <u>3</u>      |
| 4. Proposed project – SNC Engineering review                        | Good solution proposed for site conditions | Fair solution proposed for site conditions | Poor solution proposed for site conditions   | 5                      | <u>5</u>      |
| 5. Subwatershed health score and priority subwatershed/ watercourse | Poor                                       | <u>Fair</u>                                | Good                                         | 6                      | <u>4</u>      |
| 6. Reps overall score                                               |                                            |                                            |                                              | 3                      | <u>2</u>      |
| Sub Total Score                                                     |                                            |                                            |                                              | 22                     | <u>18</u>     |
| 7. Committee's overall project priority                             |                                            |                                            |                                              | 5                      |               |
| Total Score                                                         |                                            |                                            |                                              | 27                     |               |

JS  
60

#### Notes:

Adjacent Land Use: \_\_\_\_\_

Other notes: Explained standard geotextile and rip-rap  
repair methods

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



# 2018-NAT-CW02

## Agenda Pg. 21



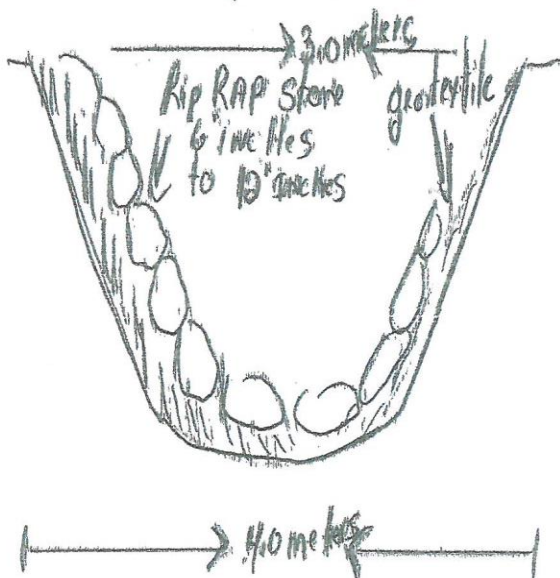
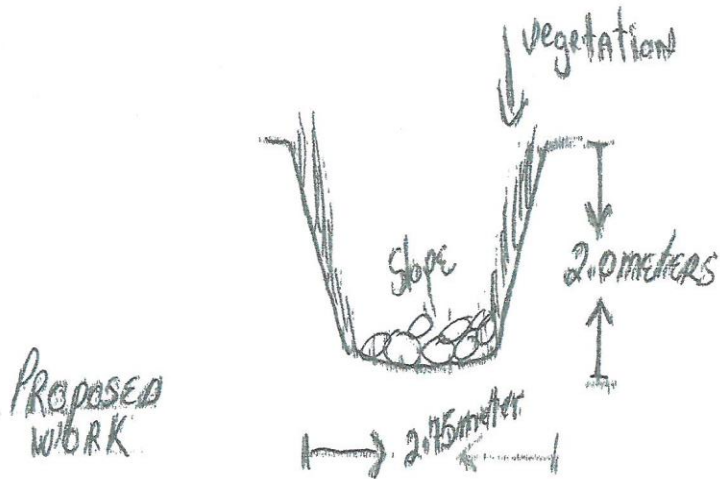
# 2018-NAT-CW02

## Agenda Pg. 21

EXISTING DITCH OR STREAM

Schedule "A"

OWNER: \_\_\_\_\_

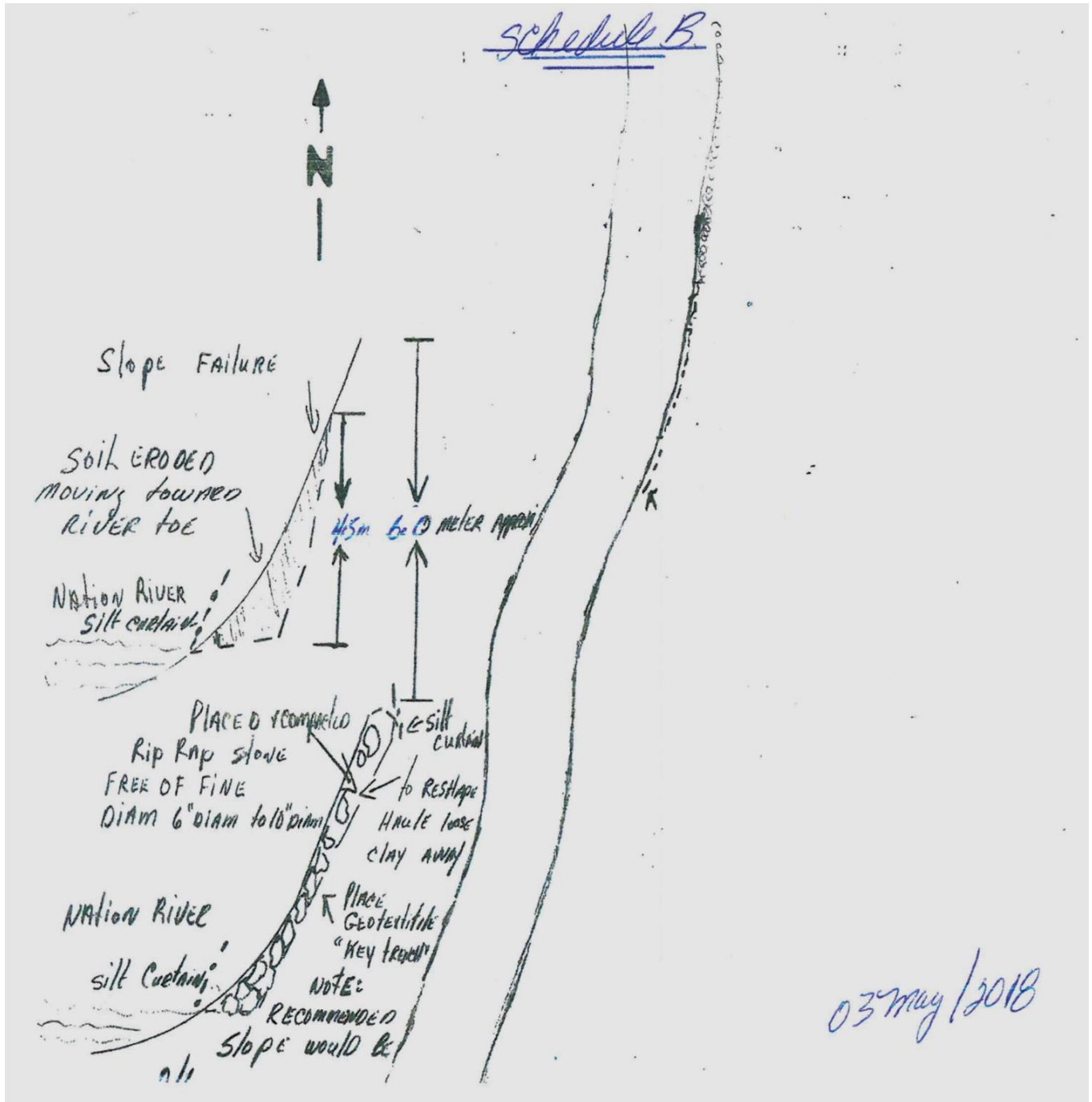


LINEAR DISTANCE  
APPROXIMATELY  
400.0 FEET  
OR  
120.0 METERS



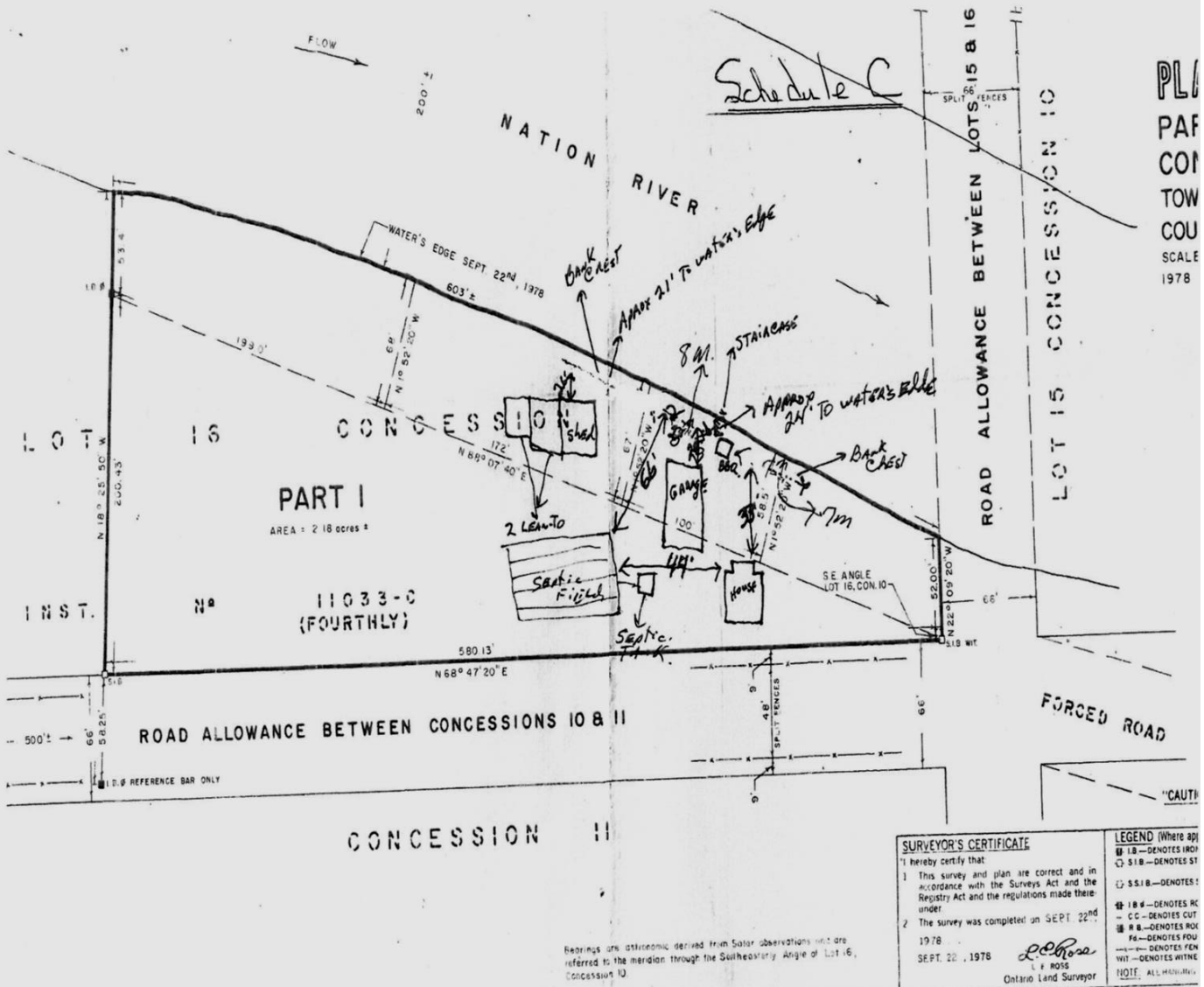
# 2018-NAT-CW02

## Agenda Pg.21



# 2018-NAT-CW02

## Agenda Pg. 21



# 2018-NAT-CW02

## Agenda Pg. 21

### 2018 Project Rating for Stream Bank Erosion

Project Code: 2018-NAT-CW02  
 Project Type: Streambank Erosion  
 Rep: Geoff Owens

| Criteria                                                            | Evaluation of Criteria                            |                                            |                                              | Total Available Points | Project Score |
|---------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------|----------------------------------------------|------------------------|---------------|
|                                                                     | High                                              | Medium                                     | Low                                          |                        |               |
| 1. Type of watercourse                                              | <u>Permanent</u>                                  | Intermittent                               | Private or roadside ditch                    | 2                      | <u>2</u>      |
| 2. Evidence of erosion                                              | Severe, active bank erosion                       | Non-severe, active bank erosion            | Potential for bank erosion or upland erosion | 3                      | <u>3</u>      |
| 3. Bank slopes                                                      | <u>&gt;5%</u>                                     | 3% - 5%                                    | <2%                                          | 3                      | <u>3</u>      |
| 4. Proposed project – SNC Engineering review                        | <u>Good solution proposed for site conditions</u> | Fair solution proposed for site conditions | Poor solution proposed for site conditions   | 5                      | <u>5</u>      |
| 5. Subwatershed health score and priority subwatershed/ watercourse | Poor                                              | <u>Fair</u>                                | Good                                         | 6                      | <u>4</u>      |
| 6. Reps overall score                                               |                                                   |                                            |                                              | 3                      | <u>3</u>      |
| Sub Total Score                                                     |                                                   |                                            |                                              | 22                     | <u>20</u>     |
| 7. Committee's overall project priority                             |                                                   |                                            |                                              | 5                      |               |
| Total Score                                                         |                                                   |                                            |                                              | 27                     |               |

#### Notes:

Adjacent Land Use: \_\_\_\_\_

Other notes: \_\_\_\_\_

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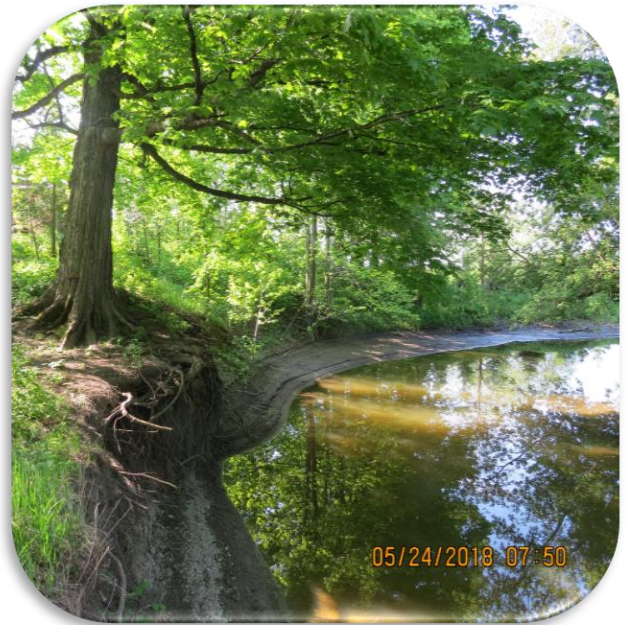
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# 2018-NAT-CW03

## Agenda Pg. 22





# 2018-NAT-CW03

## Agenda Pg. 22

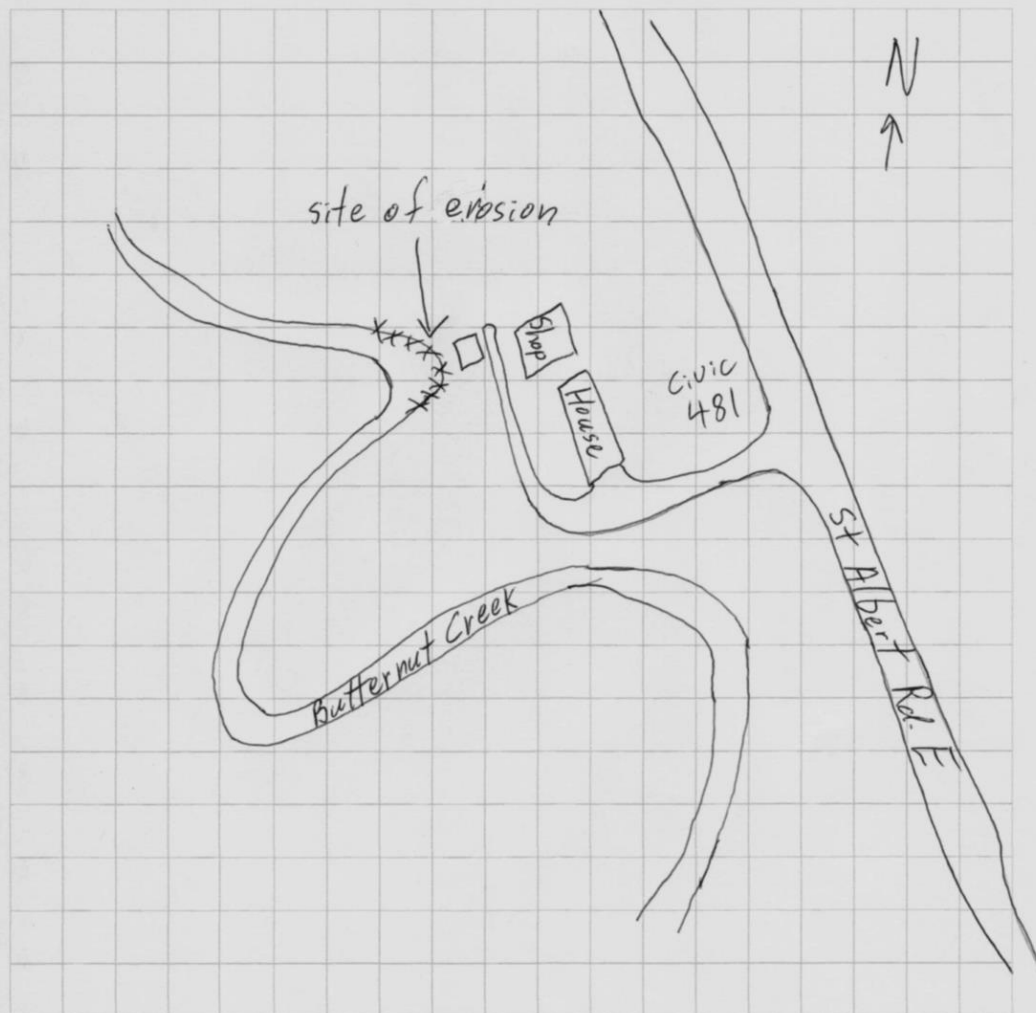
### 7. Sketch Sheet

- Please Provide:
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Lot: 9 RP50R854 Part 1

Concession: 9

Former Township: Cambridge



# 2018-NAT-CW03

## Agenda Pg. 22

### 2018 Project Rating for Stream Bank Erosion

Project Code: 2018-NAT-CW03  
 Project Type: Streambank Erosion  
 Rep: Geoff Owens

| Criteria                                                            | Evaluation of Criteria                            |                                            |                                              | Total Available Points | Project Score |
|---------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------|----------------------------------------------|------------------------|---------------|
|                                                                     | High                                              | Medium                                     | Low                                          |                        |               |
| 1. Type of watercourse                                              | <u>Permanent</u>                                  | Intermittent                               | Private or roadside ditch                    | 2                      | <u>2</u>      |
| 2. Evidence of erosion                                              | Severe, active bank erosion                       | <u>Non-severe, active bank erosion</u>     | Potential for bank erosion or upland erosion | 3                      | <u>2</u>      |
| 3. Bank slopes                                                      | <u>&gt;5%</u>                                     | 3% - 5%                                    | <2%                                          | 3                      | <u>3</u>      |
| 4. Proposed project – SNC Engineering review                        | <u>Good solution proposed for site conditions</u> | Fair solution proposed for site conditions | Poor solution proposed for site conditions   | 5                      | <u>5</u>      |
| 5. Subwatershed health score and priority subwatershed/ watercourse | Poor                                              | <u>Fair</u>                                | Good                                         | 6                      | <u>4</u>      |
| 6. Reps overall score                                               |                                                   |                                            |                                              | 3                      | <u>2.5</u>    |
| Sub Total Score                                                     |                                                   |                                            |                                              | 22                     | <u>18.5</u>   |
| 7. Committee's overall project priority                             |                                                   |                                            |                                              | 5                      |               |
| Total Score                                                         |                                                   |                                            |                                              | 27                     |               |

#### Notes:

Adjacent Land Use: \_\_\_\_\_

Other notes: \_\_\_\_\_

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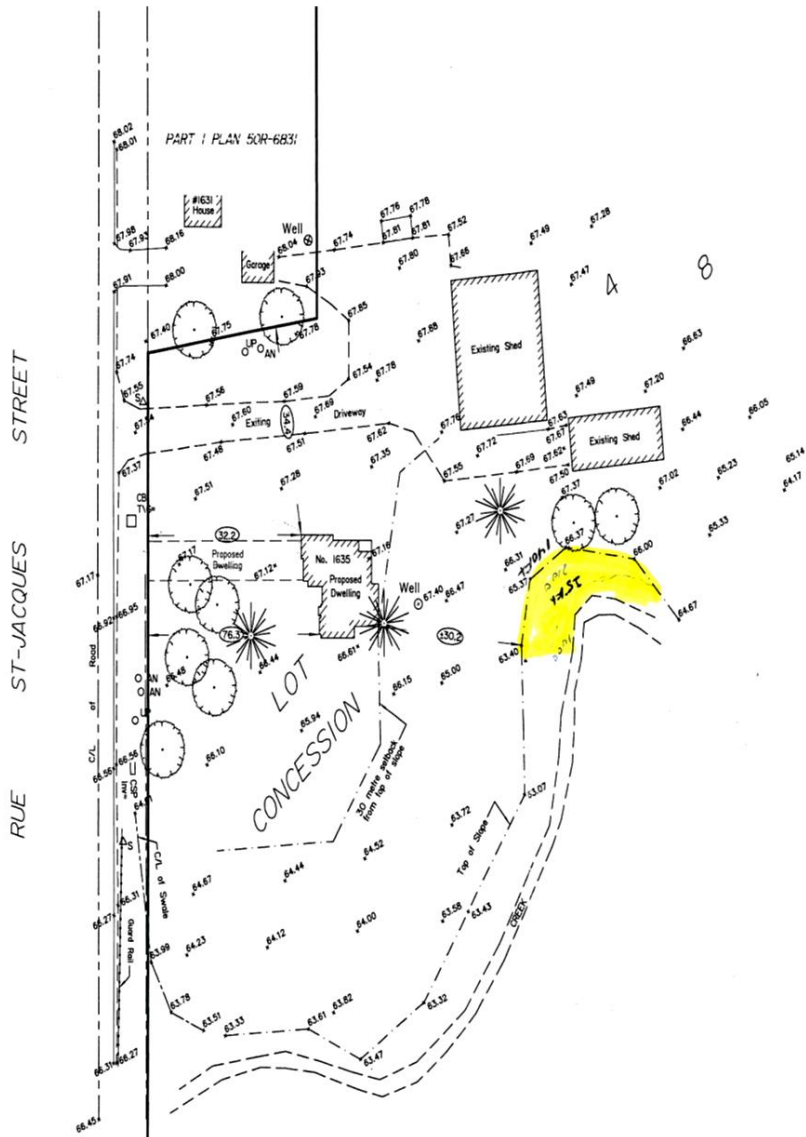
# 2018-NAT-CW04

## Agenda Pg. 23



# 2018-NAT-CW04

## Agenda Pg. 23





# 2018-NAT-CW04

## Agenda Pg. 23

### 2018 Project Rating for Stream Bank Erosion

Project Code: 2018-RUS-CW04  
 Project Type: Streambank Erosion  
 Rep: Geoff Owens

| Criteria                                                            | Evaluation of Criteria                            |                                            |                                              | Total Available Points | Project Score |
|---------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------|----------------------------------------------|------------------------|---------------|
|                                                                     | High                                              | Medium                                     | Low                                          |                        |               |
| 1. Type of watercourse                                              | <u>Permanent</u>                                  | Intermittent                               | Private or roadside ditch                    | 2                      | <u>2</u>      |
| 2. Evidence of erosion                                              | Severe, active bank erosion                       | <u>Non-severe, active bank erosion</u>     | Potential for bank erosion or upland erosion | 3                      | <u>1.5</u>    |
| 3. Bank slopes                                                      | <u>&gt;5%</u>                                     | 3% - 5%                                    | <2%                                          | 3                      | <u>3</u>      |
| 4. Proposed project – SNC Engineering review                        | <u>Good solution proposed for site conditions</u> | Fair solution proposed for site conditions | Poor solution proposed for site conditions   | 5                      | <u>5</u>      |
| 5. Subwatershed health score and priority subwatershed/ watercourse | Poor                                              | <u>Fair</u>                                | Good                                         | 6                      | <u>4</u>      |
| 6. Reps overall score                                               |                                                   |                                            |                                              | 3                      | <u>2</u>      |
| Sub Total Score                                                     |                                                   |                                            |                                              | 22                     | <u>17.5</u>   |
| 7. Committee's overall project priority                             |                                                   |                                            |                                              | 5                      |               |
| Total Score                                                         |                                                   |                                            |                                              | 27                     |               |

#### Notes:

Adjacent Land Use: \_\_\_\_\_

Other notes: \_\_\_\_\_

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

# 2018-APL-CW05 A

## Agenda Pg. 24



# 2018-APL-CW05 A

## Agenda Pg. 24

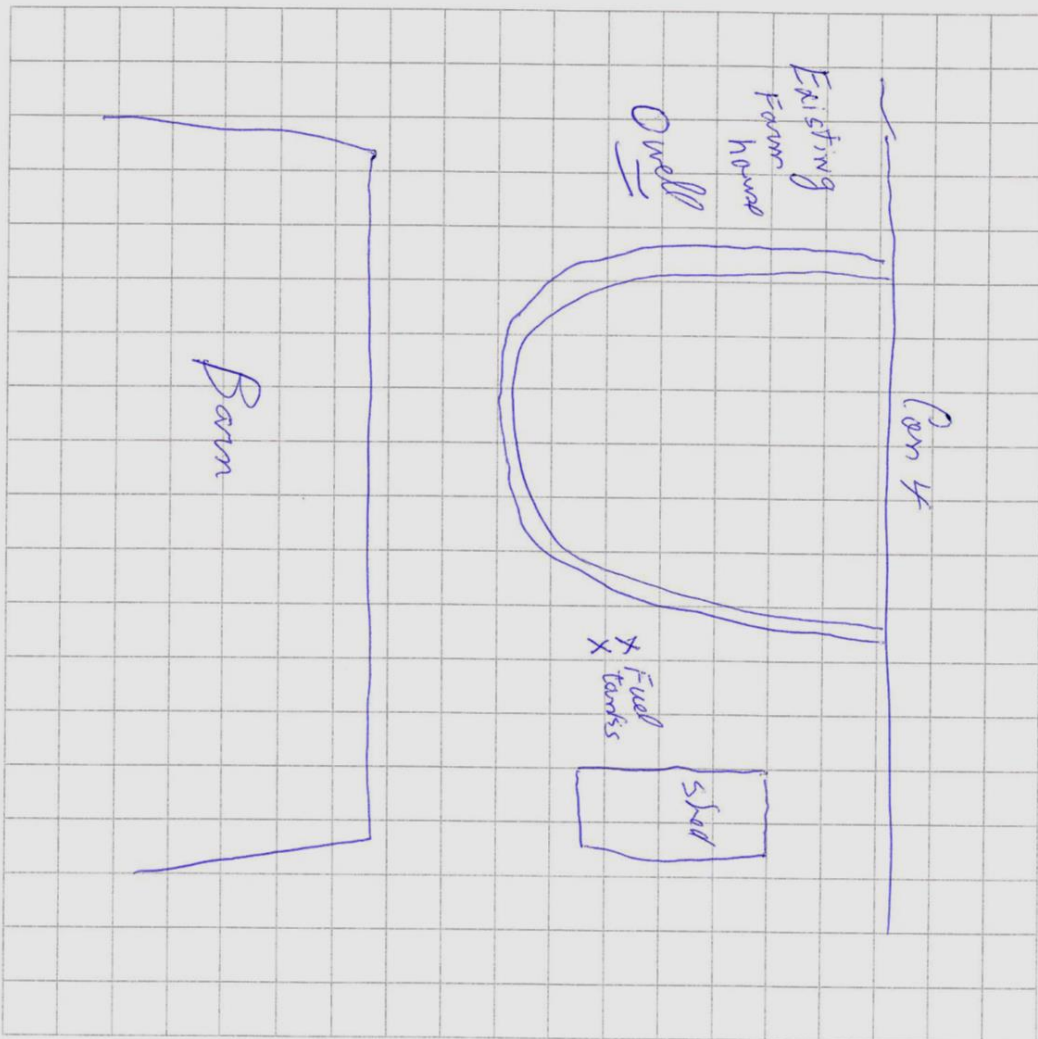
### 7. Sketch Sheet

- Please Provide:
- a) location and name of watercourse(s)
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  - d) any applicable features such as width of buffer strip, length of fencing, and any other dimensions outlined in your project section

Lot: \_\_\_\_\_

Concession: \_\_\_\_\_

Former Township: \_\_\_\_\_



# 2018-APL-CW05 A

## Agenda Pg. 24

### 2018 Project Rating for Fuel, Chemical, and Fertilizer Storages

Project Code: 2018-APL-CW05 A  
 Project Type: Fuel Storage  
 Rep: Andre

| Criteria                                                                                                                                  | Evaluation of Criteria                   |                                            |                        | Total Available Points | Project Score |
|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|--------------------------------------------|------------------------|------------------------|---------------|
|                                                                                                                                           | High                                     | Medium                                     | Low                    |                        |               |
| 1. Type of watercourse                                                                                                                    | Permanent natural/wetland                | Intermittent                               | Private ditch          | 2                      | 1             |
| 2. Groundwater risk (e.g. near wells, soil type)<br>OR within Wellhead Protection Area (WHPA) A or B, Intake Protection Zone (IPZ) 1 or 2 | High risk<br>OR<br>IPZ 1<br>OR<br>WHPA A | Medium risk<br>OR<br>IPZ 2<br>OR<br>WHPA B | Low risk               | 6                      | 6             |
| 3. State of current storage                                                                                                               | Old tank with no containment             | Old tank with some containment             | Tank with containment  | 3                      | 3             |
| 4. Proposed project                                                                                                                       | New storage with containment             | Relocation of tanks with containment       | Spill containment only | 4                      | 4             |
| 5. Subwatershed health score OR priority subwatershed                                                                                     | Poor                                     | Fair                                       | Good                   | 4                      | 1             |
| 6. Reps overall score                                                                                                                     |                                          |                                            |                        | 3                      | 3             |
| Sub Total Score                                                                                                                           |                                          |                                            |                        | 22                     | 18            |
| 7. Committee's overall project priority                                                                                                   |                                          |                                            |                        | 5                      |               |
| Total Score                                                                                                                               |                                          |                                            |                        | 27                     |               |

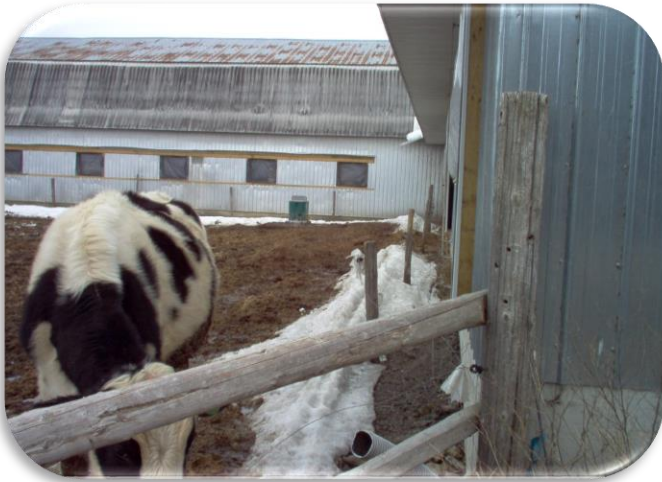
#### Notes:

Adjacent Land Use: Farm yard near barn wells  
 Other notes: existing pad may too small for two (2) tanks - remove existing pad and pour new pad according to standard and safety specs around tanks - vehicles/trucks have to drive by fuel tanks



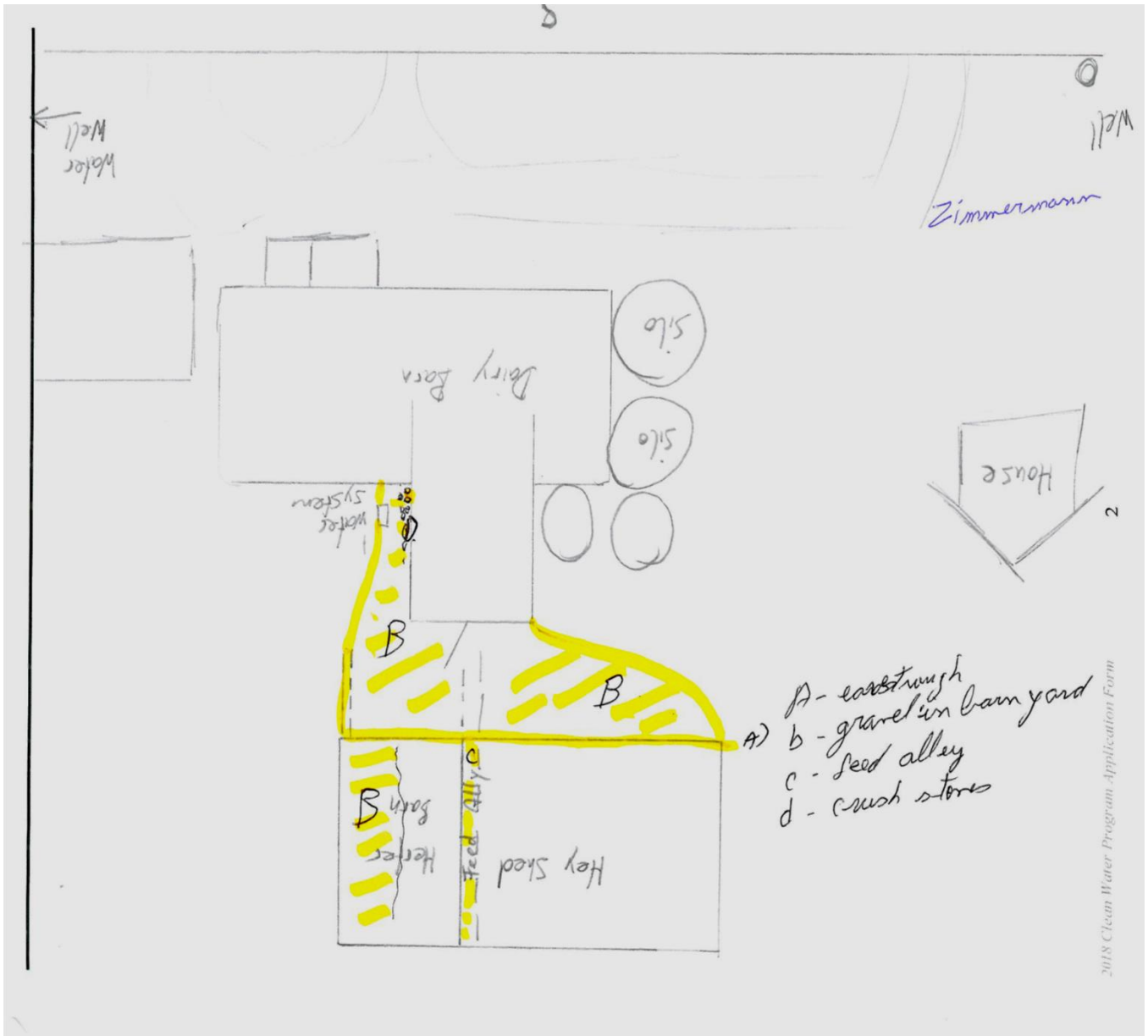
# 2018-APL-CW05 B

## Agenda Pg. 25



# 2018-APL-CW05 B

## Agenda Pg. 25



# 2018-APL-CW05 B

## Agenda Pg. 25

### 2018 Project Rating for Clean Water Diversion/Barnyard Runoff Control

Project Code: 2018-APL-CW05 B  
 Project Type: Clean Water Diversion  
 Rep: Barth

| Criteria                                                                                                                         | Evaluation of Criteria                                      |                                            |               | Total Available Points | Project Score |
|----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|--------------------------------------------|---------------|------------------------|---------------|
|                                                                                                                                  | High                                                        | Medium                                     | Low           |                        |               |
| 1. Type of watercourse                                                                                                           | Permanent natural/wetland                                   | Intermittent                               | Private ditch | 2                      | 1             |
| 2. Distance to watercourse or floodplain OR within Wellhead Protection Area (WHPA) A or B OR Intake Protection Zone (IPZ) 1 or 2 | <u>(Farm wells)</u><br><100m<br>OR<br>WHPA A<br>OR<br>IPZ 1 | 100m – 300m<br>OR<br>WHPA B<br>OR<br>IPZ 2 | >300m         | 3                      | 3             |
| 3. Evidence of contamination                                                                                                     | Visible                                                     | Potential                                  | No evidence   | 5                      | 3             |
| 4. Phosphorus reduction                                                                                                          | >100 kg/yr                                                  | 100 kg/yr – 25 kg/yr                       | <25 kg/yr     | 3                      | 3             |
| 5. Subwatershed health score OR priority subwatershed                                                                            | Poor                                                        | Fair                                       | Good          | 6                      | 1             |
| 6. Reps overall score                                                                                                            |                                                             |                                            |               | 3                      | 3             |
| Sub Total Score                                                                                                                  |                                                             |                                            |               | 22                     | 14            |
| 7. Committee's overall project priority                                                                                          |                                                             |                                            |               | 5                      |               |
| Total Score                                                                                                                      |                                                             |                                            |               | 27                     |               |

#### Notes:

Adjacent Land Use: Farms & Farm Land  
 Other notes: Barn yard in dirt - animals have  
have to walk in mud to go to water  
pump and also for feeding - plan to  
use coarse aggregates with earthenough to  
eliminate some water.



# 2018-NAT-CW06

## Agenda Pg. 26





# 2018-NAT-CW06

## Agenda Pg. 26

### 7. Croquis

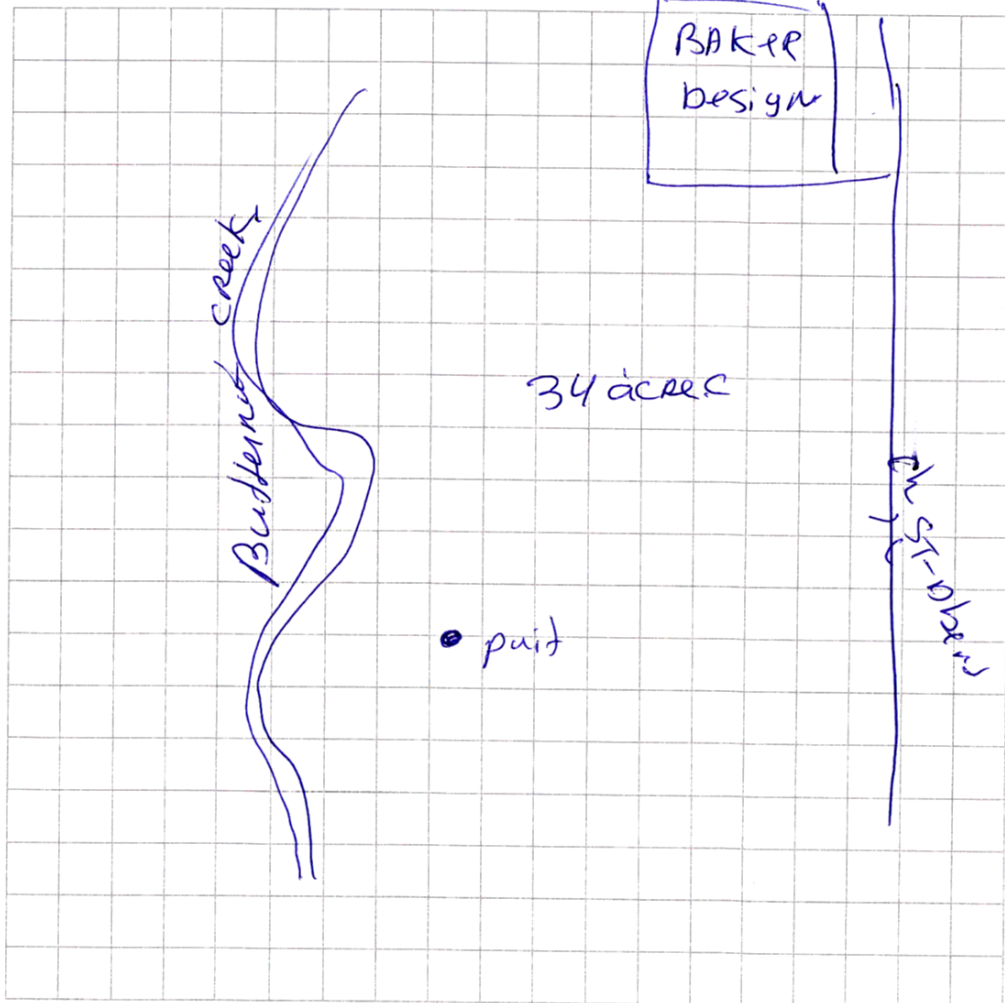
Veuillez indiquer :

- l'emplacement et le nom du (des) cours d'eau;
- l'emplacement de la structure existante et du projet proposé, y compris la distance les séparant des cours d'eau et des limites du terrain;
- l'emplacement de tous les bâtiments, puits, fosses septiques, limites du terrain et chemins, ainsi que les distances;
- toutes les caractéristiques pertinentes, comme la largeur de la bande tampon, la longueur des clôtures, la superficie du pâturage et les autres dimensions précisées dans la section sur le projet.

Lot: 9110

Concession: 8

Ancien canton : Cambridge



# 2018-NAT-CW06

## Agenda Pg. 26

### 2018 Project Rating for Well Decommissioning

Project Code: 2018-NAT-CW06

Project Type: Well Decom

Rep: Andree

| Criteria                                                                                                                                  | Evaluation of Criteria                                                                                                                       |                                            |                                                                | Total Available Points | Project Score |
|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------------------------------------------------------|------------------------|---------------|
|                                                                                                                                           | High                                                                                                                                         | Medium                                     | Low                                                            |                        |               |
| 1. Type of well                                                                                                                           | Dug - Stone - Tiles                                                                                                                          | Bored - Drilled                            | Sandpoint                                                      | 3                      | 3             |
| 2. Distance to well in use OR within Wellhead Protection Area (WHPA) A or B OR Intake Protection Zone (IPZ) 1 or 2                        | <100m<br>OR<br>WHPA A<br>OR<br>IPZ 1                                                                                                         | 100m - 300m<br>OR<br>WHPA B<br>OR<br>IPZ 2 | >300m                                                          | 4                      | 3             |
| 3. Condition of visible casing/cover on well OR demonstrated water quality impairment as per the Ontario Drinking Water Quality Standards | E.g.<br>No cover, grade sloping towards well, open annular spacing around casing<br><br>OR<br>Water Quality samples indicating contamination | E.g.<br>No cover, above grade              | E.g.<br>Covered, above grade, no annular spacing around casing | 5                      | 5             |
| 4. Distance to closest contamination source (e.g. barn, street or driveway run off)                                                       | <15m                                                                                                                                         | 15m - 30m                                  | >30m                                                           | 3                      | 1             |
| 5. Subwatershed health score and priority subwatershed                                                                                    | Poor                                                                                                                                         | Fair                                       | Good                                                           | 4                      | 3             |
| 6. Reps overall score                                                                                                                     |                                                                                                                                              |                                            |                                                                | 3                      | 3             |
| Sub Total Score                                                                                                                           |                                                                                                                                              |                                            |                                                                | 22                     | 18            |
| 7. Committee's overall project priority                                                                                                   |                                                                                                                                              |                                            |                                                                | 5                      |               |
| Total Score                                                                                                                               |                                                                                                                                              |                                            |                                                                | 27                     |               |

#### Notes:

Adjacent Land Use: Agricultural

Other notes: - Well made of steel pipe - 5" diameter approx. 125 ft from Butternut Creek near village of Casselman  
- No cover - unsafe for small animals - deep unknown.

# 2018-EDW-CW07

## Agenda Pg. 27



# 2018-EDW-CW07

## Agenda Pg. 27

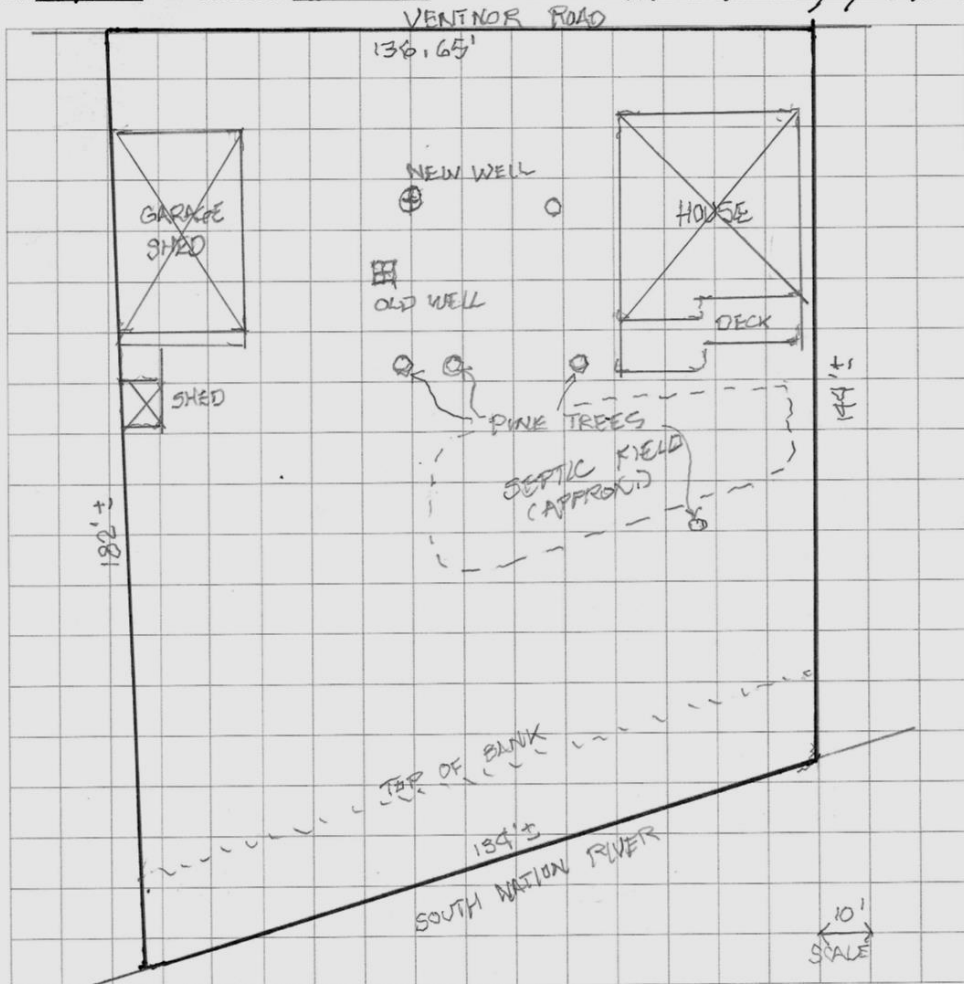
### 7. Sketch Sheet

- Please Provide:
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Lot: 15P

Concession: 3

Former Township: Edwardsburgh/Cardinal





# 2018-EDW-CW07

## Agenda Pg. 27

### 2018 Project Rating for Well Decommissioning

Project Code: 2018-EDW-CW07

Project Type: Well Decommissioning

Rep: Adrian Wynands

| Criteria                                                                                                                                  | Evaluation of Criteria                                                                                                                       |                                            |                                                                | Total Available Points | Project Score |
|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------------------------------------------------------|------------------------|---------------|
|                                                                                                                                           | High                                                                                                                                         | Medium                                     | Low                                                            |                        |               |
| 1. Type of well                                                                                                                           | Dug – Stone - Tiles                                                                                                                          | Bored - Drilled                            | Sandpoint                                                      | 3                      | 3             |
| 2. Distance to well in use OR within Wellhead Protection Area (WHPA) A or B OR Intake Protection Zone (IPZ) 1 or 2                        | <100m<br>OR<br>WHPA A<br>OR<br>IPZ 1                                                                                                         | 100m – 300m<br>OR<br>WHPA B<br>OR<br>IPZ 2 | >300m                                                          | 4                      | 0             |
| 3. Condition of visible casing/cover on well OR demonstrated water quality impairment as per the Ontario Drinking Water Quality Standards | E.g.<br>No cover, grade sloping towards well, open annular spacing around casing<br><br>OR<br>Water Quality samples indicating contamination | E.g.<br>No cover, above grade              | E.g.<br>Covered, above grade, no annular spacing around casing | 5                      | 5             |
| 4. Distance to closest contamination source (e.g. barn, street or driveway run off)                                                       | <15m                                                                                                                                         | 15m – 30m                                  | >30m                                                           | 3                      | 3             |
| 5. Subwatershed health score and priority subwatershed                                                                                    | Poor                                                                                                                                         | Fair                                       | Good                                                           | 4                      | 3             |
| 6. Reps overall score                                                                                                                     |                                                                                                                                              |                                            |                                                                | 3                      | 3             |
| Sub Total Score                                                                                                                           |                                                                                                                                              |                                            |                                                                | 22                     | 17            |
| 7. Committee's overall project priority                                                                                                   |                                                                                                                                              |                                            |                                                                | 5                      |               |
| Total Score                                                                                                                               |                                                                                                                                              |                                            |                                                                | 27                     |               |

# 2018-AUG-CW08

## Agenda Pg.28

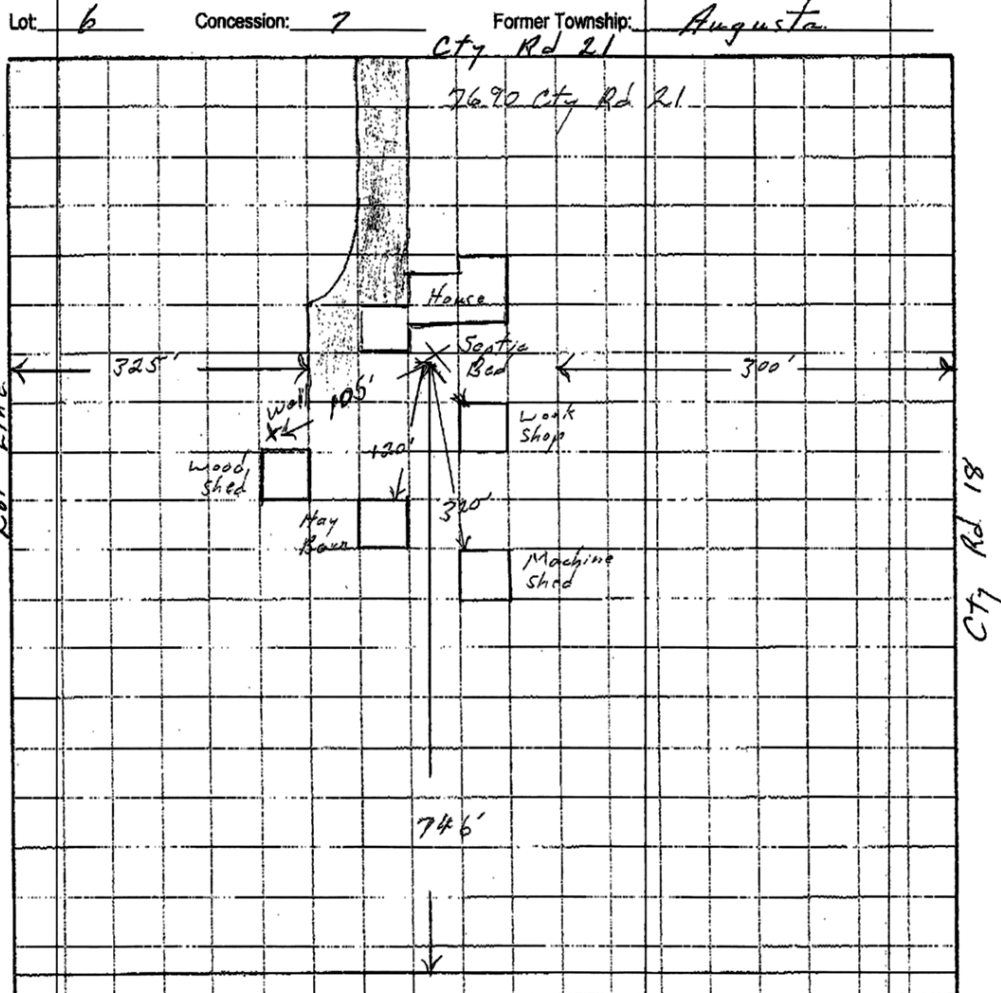


# 2018-AUG-CW08

## Agenda Pg. 28

### 7. Sketch Sheet

- Please Provide:
- a) location and name of watercourse(s)
  - b) location of existing and proposed project, including distances to watercourses and lot lines
  - c) Location and distance of all buildings, wells, septic systems, lot lines, roadways, etc, and
  - d) any applicable features such as width of buffer strip, length of fencing, and any other dimensions outlined in your project section



# 2018-AUG-CW08

## Agenda Pg. 28

### 2018 Project Rating for Septic Systems

Project Code: 2018-AUG-CW08

Project Type: Alton Whitehorn

Rep: A. Wynands

| Criteria                                                                                                            | Evaluation of Criteria               |                                           |                                       | Total Available Points | Project Score |
|---------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------------------|---------------------------------------|------------------------|---------------|
|                                                                                                                     | High                                 | Medium                                    | Low                                   |                        |               |
| 1. Evidence of system failure                                                                                       | Visible, system failed               | In-house issues (e.g. toilet won't flush) | No evidence, preventative, system old | 6                      | 6             |
| 2. Age of septic system                                                                                             | 20 years or older                    | 10-19 years                               | Less than 10 years                    | 3                      | 3             |
| 3. New system type                                                                                                  | Full replacement with advance system | Full replacement with conventional system | Repair tank and/or treatment trench   | 2                      | 2             |
| 4. Distance to well or watercourse OR within Wellhead Protection Area (WHPA) OR Intake Protection Zone (IPZ) 1 or 2 | <15m<br>OR<br>WHPA A<br>OR<br>IPZ 1  | 15-30m<br>OR<br>WHPA B<br>OR<br>IPZ 2     | >30m                                  | 3                      | 2             |
| 5. Subwatershed health score OR priority subwatershed                                                               | Poor                                 | Fair                                      | Good                                  | 5                      | 3             |
| 6. Repts overall score                                                                                              |                                      |                                           |                                       | 3                      | 3             |
| Sub Total Score                                                                                                     |                                      |                                           |                                       | 22                     | 19            |
| 7. Committee's overall project priority                                                                             |                                      |                                           |                                       | 5                      |               |
| Total Score                                                                                                         |                                      |                                           |                                       | 27                     |               |

Notes:

Adjacent Land

Use: agricultural

Other notes:



# 2018-EDW-CW09

## Agenda Pg. 29



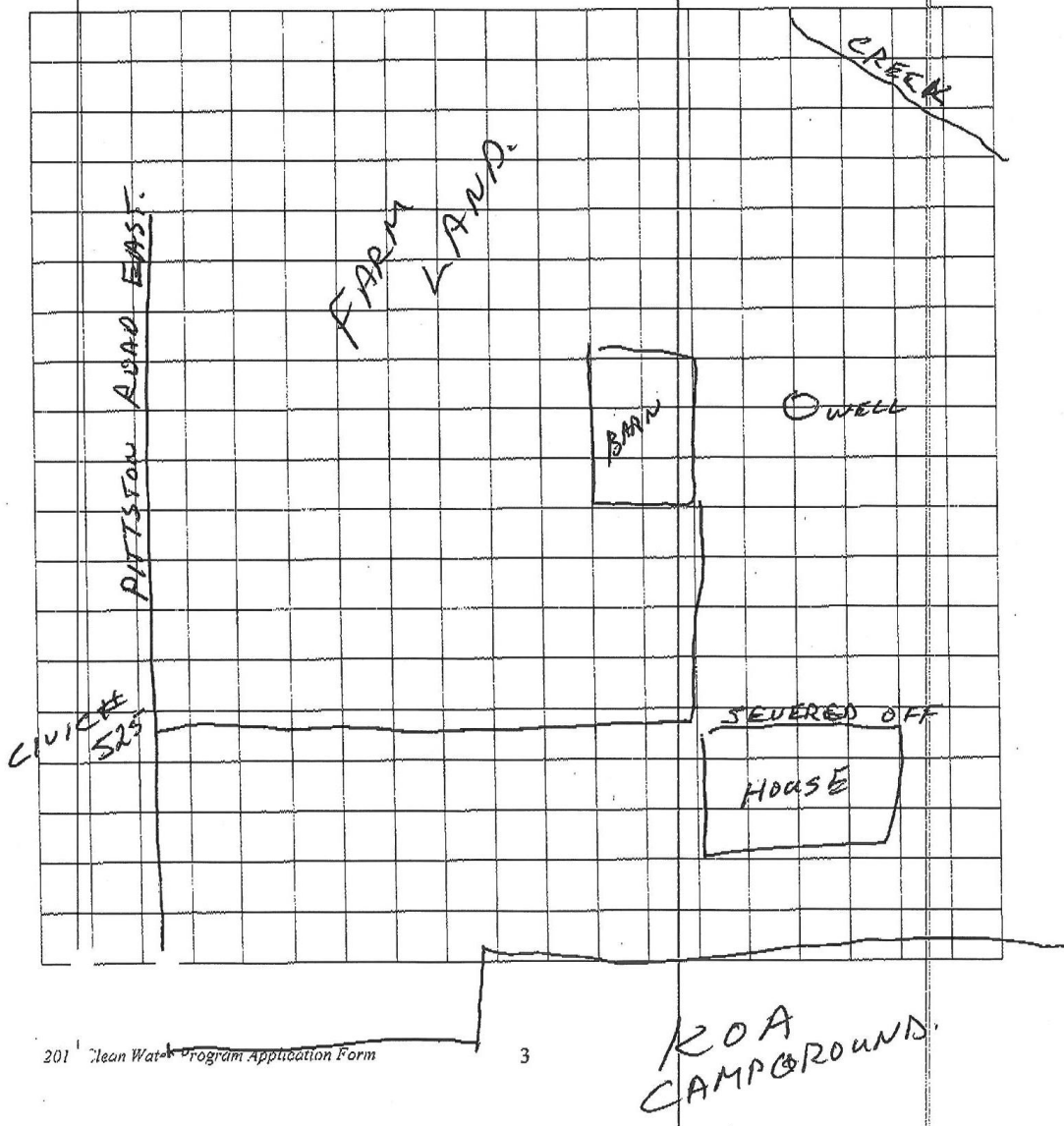
# 2018-EDW-CW09

## Agenda Pg. 29

### 7. Sketch Sheet

- Please Provide:
- a) location and name of watercourse(s)
  - b) location of existing and proposed project, including distances to watercourses and lot lines
  - c) Location and distance of all buildings, wells, septic systems, lot lines, roadways, etc, and
  - d) any applicable features such as width of buffer strip, length of fencing, and any other dimensions outlined in your project section

Lot: \_\_\_\_\_ Concession: \_\_\_\_\_ Former Township: \_\_\_\_\_



# 2018-EDW-CW09

## Agenda Pg. 29

### 2018 Project Rating for Well Decommissioning

Project Code: 2018-EDW-CW09

Project Type: Well Decommissioning

Rep: Adrian Wynands

| Criteria                                                                                                                                  | Evaluation of Criteria                                                                                                                       |                                            |                                                                | Total Available Points | Project Score |
|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------------------------------------------------------|------------------------|---------------|
|                                                                                                                                           | High                                                                                                                                         | Medium                                     | Low                                                            |                        |               |
| 1. Type of well                                                                                                                           | Dug – Stone - Tiles                                                                                                                          | Bored - Drilled                            | Sandpoint                                                      | 3                      | 2             |
| 2. Distance to well in use OR within Wellhead Protection Area (WHPA) A or B OR Intake Protection Zone (IPZ) 1 or 2                        | <100m<br>OR<br>WHPA A<br>OR<br>IPZ 1                                                                                                         | 100m – 300m<br>OR<br>WHPA B<br>OR<br>IPZ 2 | >300m                                                          | 4                      | 0             |
| 3. Condition of visible casing/cover on well OR demonstrated water quality impairment as per the Ontario Drinking Water Quality Standards | E.g.<br>No cover, grade sloping towards well, open annular spacing around casing<br><br>OR<br>Water Quality samples indicating contamination | E.g.<br>No cover, above grade              | E.g.<br>Covered, above grade, no annular spacing around casing | 5                      | 5             |
| 4. Distance to closest contamination source (e.g. barn, street or driveway run off)                                                       | <15m                                                                                                                                         | 15m – 30m                                  | >30m                                                           | 3                      | 3             |
| 5. Subwatershed health score and priority subwatershed                                                                                    | Poor                                                                                                                                         | Fair                                       | Good                                                           | 4                      | 4             |
| 6. Reps overall score                                                                                                                     |                                                                                                                                              |                                            |                                                                | 3                      | 3             |
| Sub Total Score                                                                                                                           |                                                                                                                                              |                                            |                                                                | 22                     | 17            |
| 7. Committee's overall project priority                                                                                                   |                                                                                                                                              |                                            |                                                                | 5                      |               |
| Total Score                                                                                                                               |                                                                                                                                              |                                            |                                                                | 27                     |               |

Notes:

Adjacent Land Use: Agriculture

Other notes: \_\_\_\_\_



# 2018-EDW-CW10

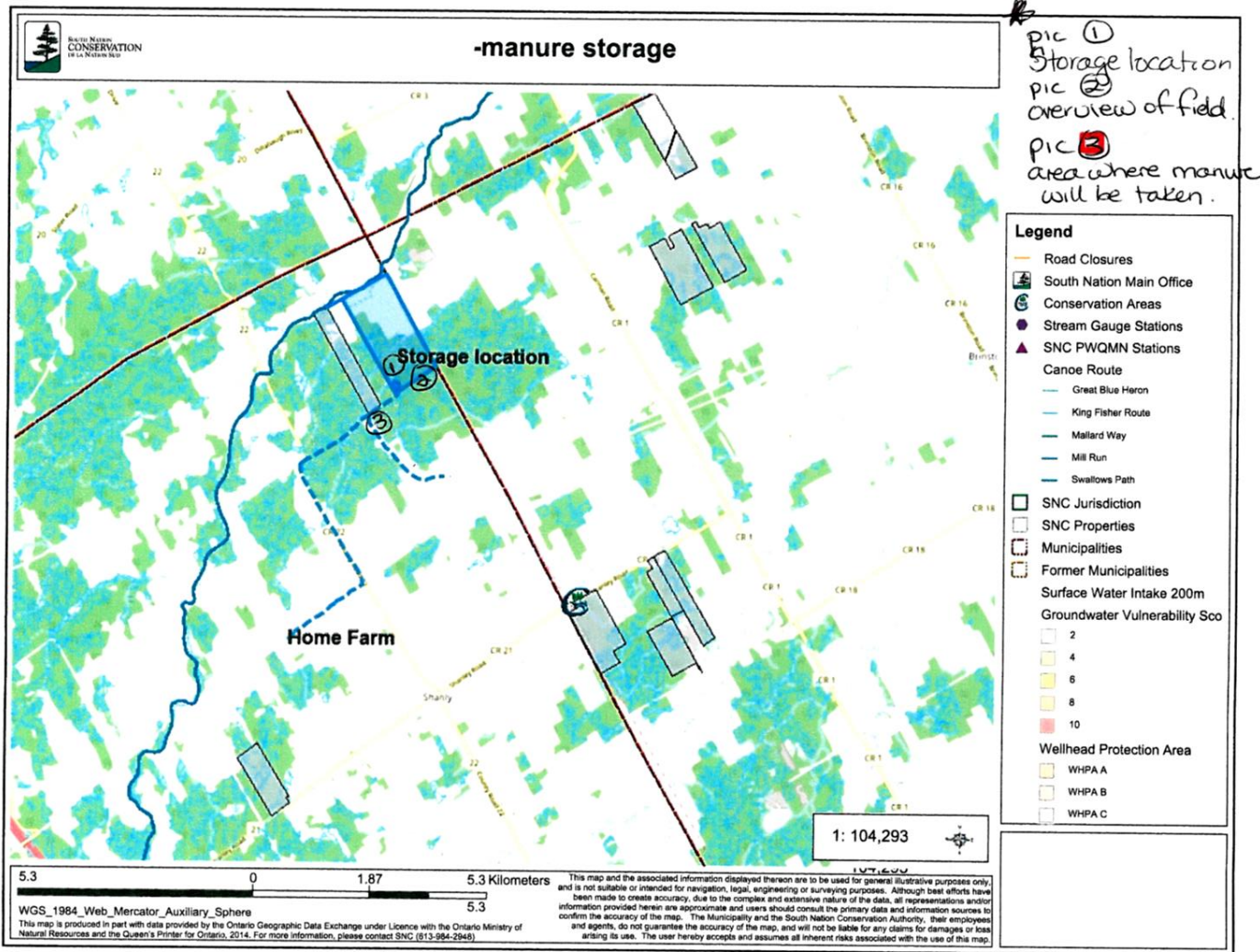
## Agenda Pg. 30





# 2018-EDW-CW10

## Agenda Pg. 30



# 2018-EDW-CW10

## Agenda Pg. 30

Location of Home farm + manure generation location.



# 2018-EDW-CW10

## Agenda Pg. 30

### 2018 Project Rating for Manure and Milkhouse Wastewater

Project Code: 2018-EDW-CW10  
 Project Type: Manure Storage  
 Rep: J. Pemberton

| Criteria                                                                                                                         | Evaluation of Criteria               |                                           |                      | Total Available Points | Project Score |
|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------------------|----------------------|------------------------|---------------|
|                                                                                                                                  | High                                 | Medium                                    | Low                  |                        |               |
| 1. Type of watercourse                                                                                                           | <i>Permanent natural/wetland</i>     | <i>Intermittent</i>                       | <i>Private ditch</i> | 2                      | 2             |
| 2. Distance to watercourse or floodplain OR within Wellhead Protection Area (WHPA) A or B OR Intake Protection Zone (IPZ) 1 or 2 | <100m<br>OR<br>WHPA A<br>OR<br>IPZ 1 | 100 – 300m<br>OR<br>WHPA B<br>OR<br>IPZ 2 | >300m                | 3                      | 1             |
| 3. Evidence of contamination                                                                                                     | <i>Visible</i>                       | <i>Potential</i>                          | <i>No evidence</i>   | 5                      | 0             |
| 4. Phosphorus reduction                                                                                                          | >100 kg/yr                           | 100 kg/yr – 25 kg/yr                      | <25 kg/yr            | 3                      | 3             |
| 5. Subwatershed health score and priority subwatershed                                                                           | Poor                                 | Fair                                      | Good                 | 6                      | 6             |
| 6. Reps overall score                                                                                                            |                                      |                                           |                      | 3                      | 2             |
| Sub Total Score                                                                                                                  |                                      |                                           |                      | 22                     | 14            |
| 7. Committee's overall project priority                                                                                          |                                      |                                           |                      | 5                      |               |
| Total Score                                                                                                                      |                                      |                                           |                      | 27                     |               |

#### Notes:

Adjacent Land Use: Forest cover, Agriculture

Other notes:

- This is a stand alone storage facility  
no cattle at location

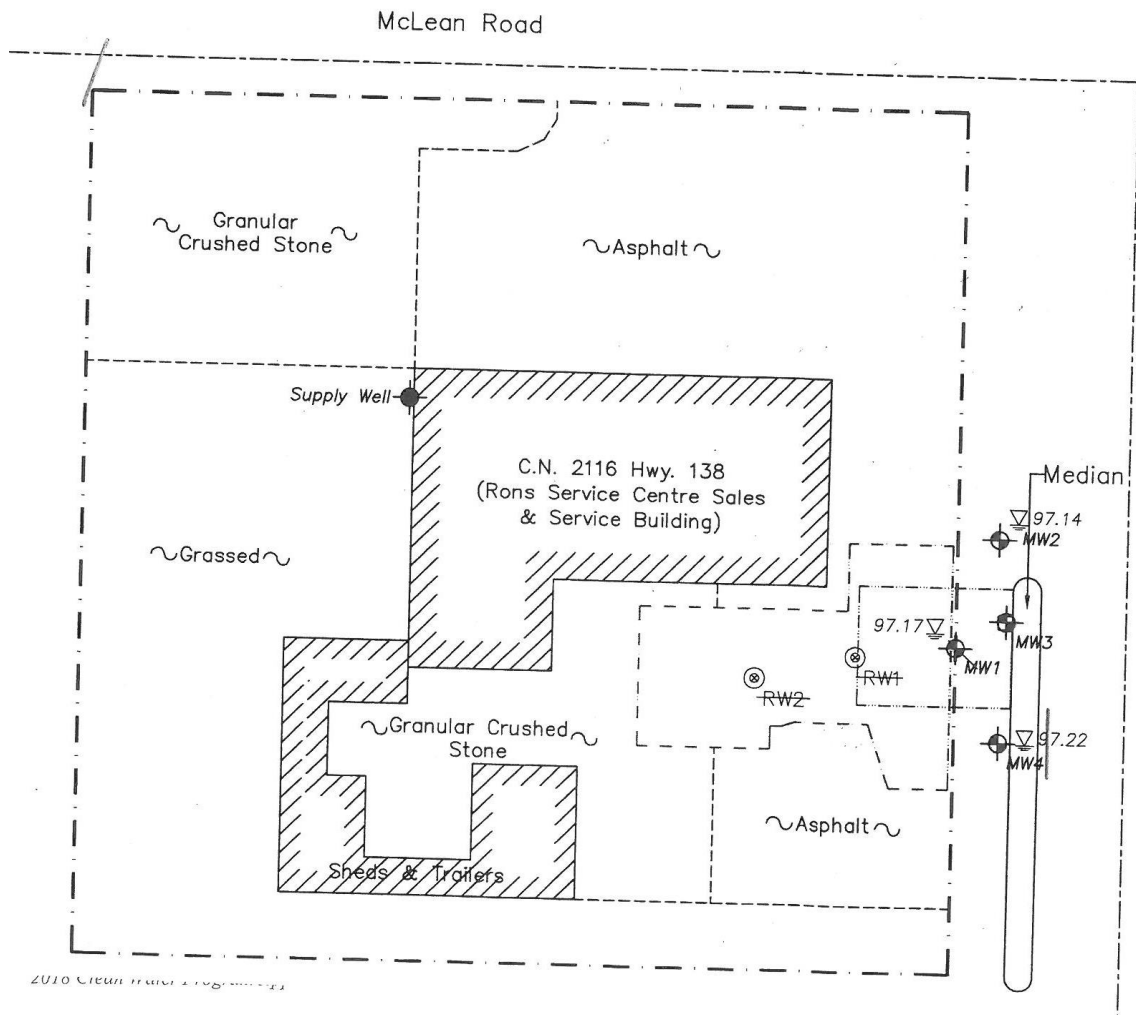


# 2018-NST-CW11

## Agenda Pg. 31







# 2018-NST-CW11

## Agenda Pg. 31

### 2018 Project Rating for Well Decommissioning

Project Code: 2018-NST-CW11  
 Project Type: Well Decommissioning  
 Rep: Rene

| Criteria                                                                                                                                  | Evaluation of Criteria                                                                                                                       |                                            |                                                                | Total Available Points | Project Score |
|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------------------------------------------------------|------------------------|---------------|
|                                                                                                                                           | High                                                                                                                                         | Medium                                     | Low                                                            |                        |               |
| 1. Type of well                                                                                                                           | Dug – Stone - Tiles                                                                                                                          | Bored - Drilled                            | Sandpoint                                                      | 3                      | 2             |
| 2. Distance to well in use OR within Wellhead Protection Area (WHPA) A or B OR Intake Protection Zone (IPZ) 1 or 2                        | <100m<br>OR<br>WHPA A<br>OR<br>IPZ 1                                                                                                         | 100m – 300m<br>OR<br>WHPA B<br>OR<br>IPZ 2 | >300m                                                          | 4                      | 4             |
| 3. Condition of visible casing/cover on well OR demonstrated water quality impairment as per the Ontario Drinking Water Quality Standards | E.g.<br>No cover, grade sloping towards well, open annular spacing around casing<br><br>OR<br>Water Quality samples indicating contamination | E.g.<br>No cover, above grade              | E.g.<br>Covered, above grade, no annular spacing around casing | 5                      | 2             |
| 4. Distance to closest contamination source (e.g. barn, street or driveway run off)                                                       | <15m                                                                                                                                         | 15m – 30m                                  | >30m                                                           | 3                      | 3             |
| 5. Subwatershed health score and priority subwatershed                                                                                    | Poor                                                                                                                                         | Fair                                       | Good                                                           | 4                      | 3             |
| 6. Reps overall score                                                                                                                     |                                                                                                                                              |                                            |                                                                | 3                      | 1             |
| Sub Total Score                                                                                                                           |                                                                                                                                              |                                            |                                                                | 22                     | 15            |
| 7. Committee's overall project priority                                                                                                   |                                                                                                                                              |                                            |                                                                | 5                      |               |
| Total Score                                                                                                                               |                                                                                                                                              |                                            |                                                                | 27                     |               |

#### Notes:

Adjacent Land Use: \_\_\_\_\_

Other notes: \_\_\_\_\_

# 2018-CLR-CW12

## Agenda Pg. 32



# 2018-CLR-CW12

## Agenda Pg. 32

### 7. Croquis

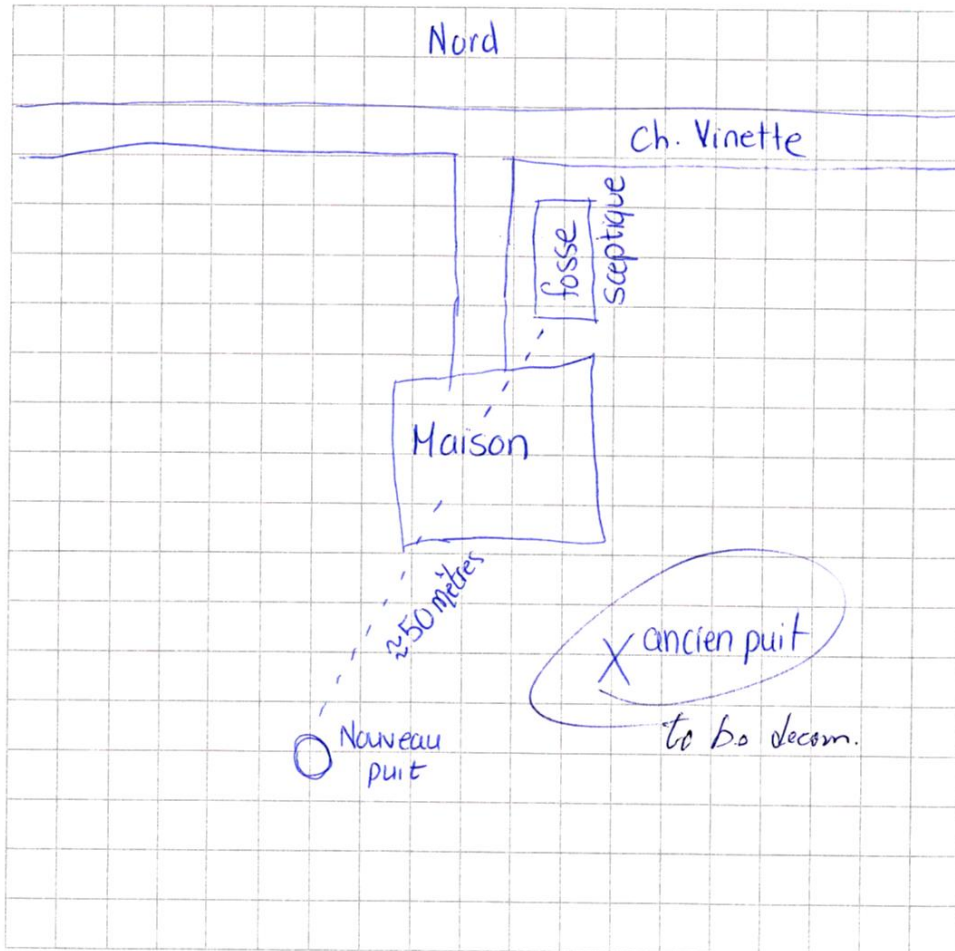
Veuillez indiquer :

- a) l'emplacement et le nom du (des) cours d'eau;
- b) l'emplacement de la structure existante et du projet proposé, y compris la distance les séparant des cours d'eau et des limites du terrain;
- c) l'emplacement de tous les bâtiments, puits, fosses septiques, limites du terrain et chemins, ainsi que les distances;
- d) toutes les caractéristiques pertinentes, comme la largeur de la bande tampon, la longueur des clôtures, la superficie du pâturage et les autres dimensions précisées dans la section sur le projet.

Lot: 6

Concession: 9

Ancien canton: Clarence





# 2018-CLR-CW12

## Agenda Pg. 32

### 2018 Project Rating for Well Decommissioning

Project Code: 2018-CLR-CW12

Project Type: Well Dec

Rep: Anche

| Criteria                                                                                                                                                                  | Evaluation of Criteria                                                                                                                       |                                            |                                                                | Total Available Points | Project Score |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------------------------------------------------------|------------------------|---------------|
|                                                                                                                                                                           | High                                                                                                                                         | Medium                                     | Low                                                            |                        |               |
| 1. Type of well                                                                                                                                                           | Dug - Stone Tiles                                                                                                                            | Bored - Drilled                            | Sandpoint                                                      | 3                      | 2.5           |
| 2. Distance to well in use OR within Wellhead Protection Area (WHPA) A or B OR Intake Protection Zone (IPZ) 1 or 2                                                        | <100m<br>OR<br>WHPA A<br>OR<br>IPZ 1                                                                                                         | 100m - 300m<br>OR<br>WHPA B<br>OR<br>IPZ 2 | >300m                                                          | 4                      | 4             |
| 3. Condition of visible casing/cover on well OR demonstrated water quality impairment as per the Ontario Drinking Water Quality Standards<br><i>- well in swampy area</i> | E.g.<br>No cover, grade sloping towards well, open annular spacing around casing<br><br>OR<br>Water Quality samples indicating contamination | E.g.<br>No cover, above grade              | E.g.<br>Covered, above grade, no annular spacing around casing | 5                      | 5             |
| 4. Distance to closest contamination source (e.g. barn, street or driveway run off)                                                                                       | <15m                                                                                                                                         | 15m - 30m                                  | >30m                                                           | 3                      | 1.5           |
| 5. Subwatershed health score and priority subwatershed                                                                                                                    | Poor                                                                                                                                         | Fair                                       | Good                                                           | 4                      | 3             |
| 6. Reps overall score                                                                                                                                                     |                                                                                                                                              |                                            |                                                                | 3                      | 3             |
| Sub Total Score                                                                                                                                                           |                                                                                                                                              |                                            |                                                                | 22                     | 19            |
| 7. Committee's overall project priority                                                                                                                                   |                                                                                                                                              |                                            |                                                                | 5                      |               |
| Total Score                                                                                                                                                               |                                                                                                                                              |                                            |                                                                | 27                     |               |

Notes:

Adjacent Land Use: Forest

Other notes: Well drilled in a low - swampy area

# 2018-CLR-CW13

## Agenda Pg. 33



# 2018-CLR-CW13

## Agenda Pg. 33

### 7. Croquis

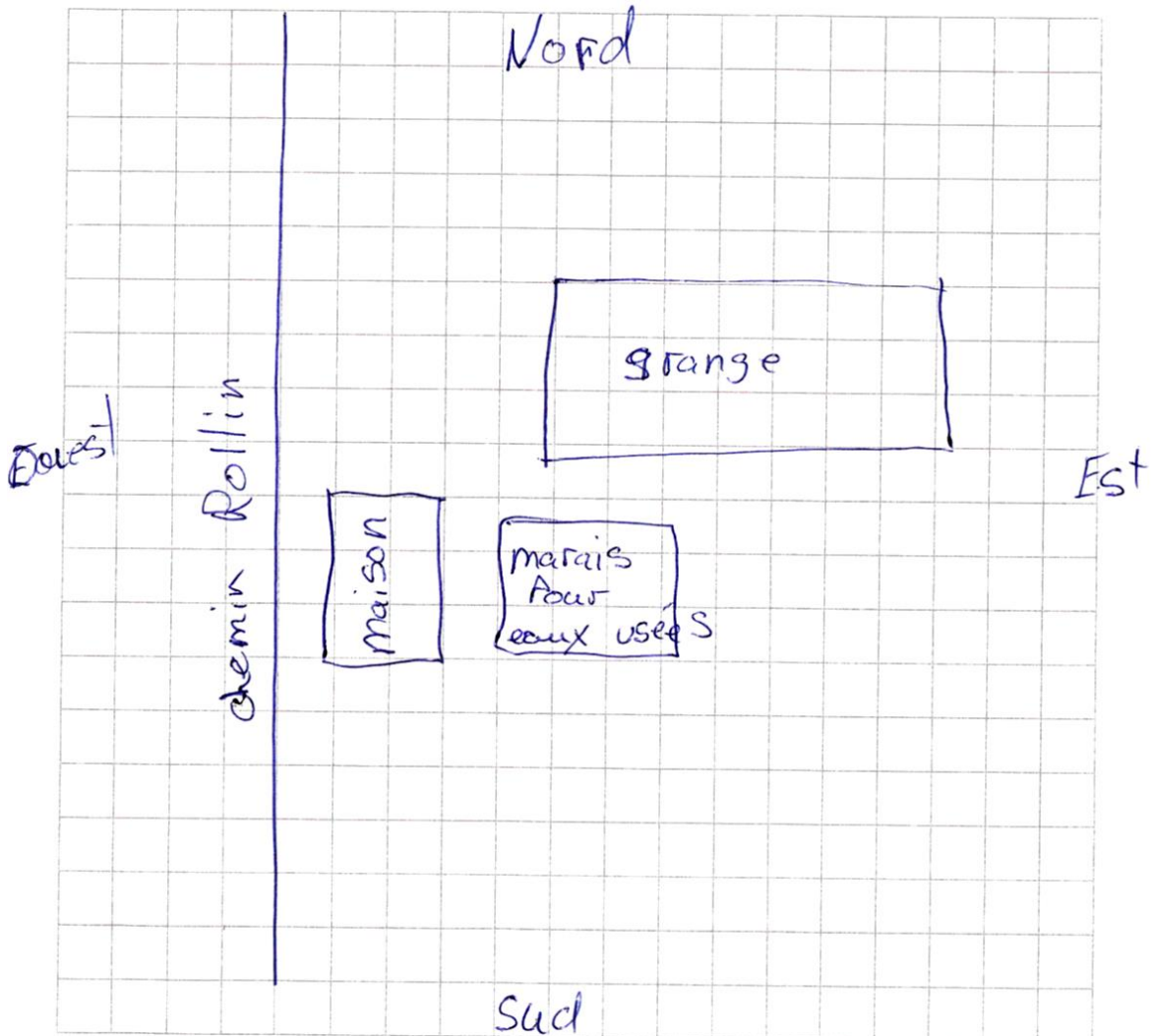
Veuillez indiquer :

- l'emplacement et le nom du (des) cours d'eau;
- l'emplacement de la structure existante et du projet proposé, y compris la distance les séparant des cours d'eau et des limites du terrain;
- l'emplacement de tous les bâtiments, puits, fosses septiques, limites du terrain et chemins, ainsi que les distances;
- toutes les caractéristiques pertinentes, comme la largeur de la bande tampon, la longueur des clôtures, la superficie du pâturage et les autres dimensions précisées dans la section sur le projet.

Lot: \_\_\_\_\_

Concession: \_\_\_\_\_

Ancien canton : \_\_\_\_\_



# 2018-CLR-CW13

## Agenda Pg. 33

### 2018 Project Rating for Manure and Milkhouse Wastewater

Project Code:

2018-CLR-CW13-

Project Type:

Milkhouse Wastewater

Rep:

Andri

| Criteria                                                                                                                         | Evaluation of Criteria               |                                           |                      | Total Available Points | Project Score |
|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------------------|----------------------|------------------------|---------------|
|                                                                                                                                  | High<br>Permanent natural/wetland    | Medium<br>Intermittent                    | Low<br>Private ditch |                        |               |
| 1. Type of watercourse                                                                                                           |                                      |                                           |                      | 2                      | 2             |
| 2. Distance to watercourse or floodplain OR within Wellhead Protection Area (WHPA) A or B OR Intake Protection Zone (IPZ) 1 or 2 | <100m<br>OR<br>WHPA A<br>OR<br>IPZ 1 | 100 - 300m<br>OR<br>WHPA B<br>OR<br>IPZ 2 | >300m                | 3                      | 3             |
| 3. Evidence of contamination                                                                                                     | Visible                              | Potential                                 | No evidence          | 5                      | 5             |
| 4. Phosphorus reduction                                                                                                          | >100 kg/yr                           | 100 kg/yr - 25 kg/yr                      | <25 kg/yr            | 3                      | 3             |
| 5. Subwatershed health score and priority subwatershed                                                                           | Poor                                 | Fair                                      | Good                 | 6                      | 4             |
| 6. Reps overall score                                                                                                            |                                      |                                           |                      | 3                      | 3             |
| Sub Total Score                                                                                                                  |                                      |                                           |                      | 22                     | 20            |
| 7. Committee's overall project priority                                                                                          |                                      |                                           |                      | 5                      |               |
| Total Score                                                                                                                      |                                      |                                           |                      | 27                     |               |

Notes:

Adjacent Land User:

Agricultural

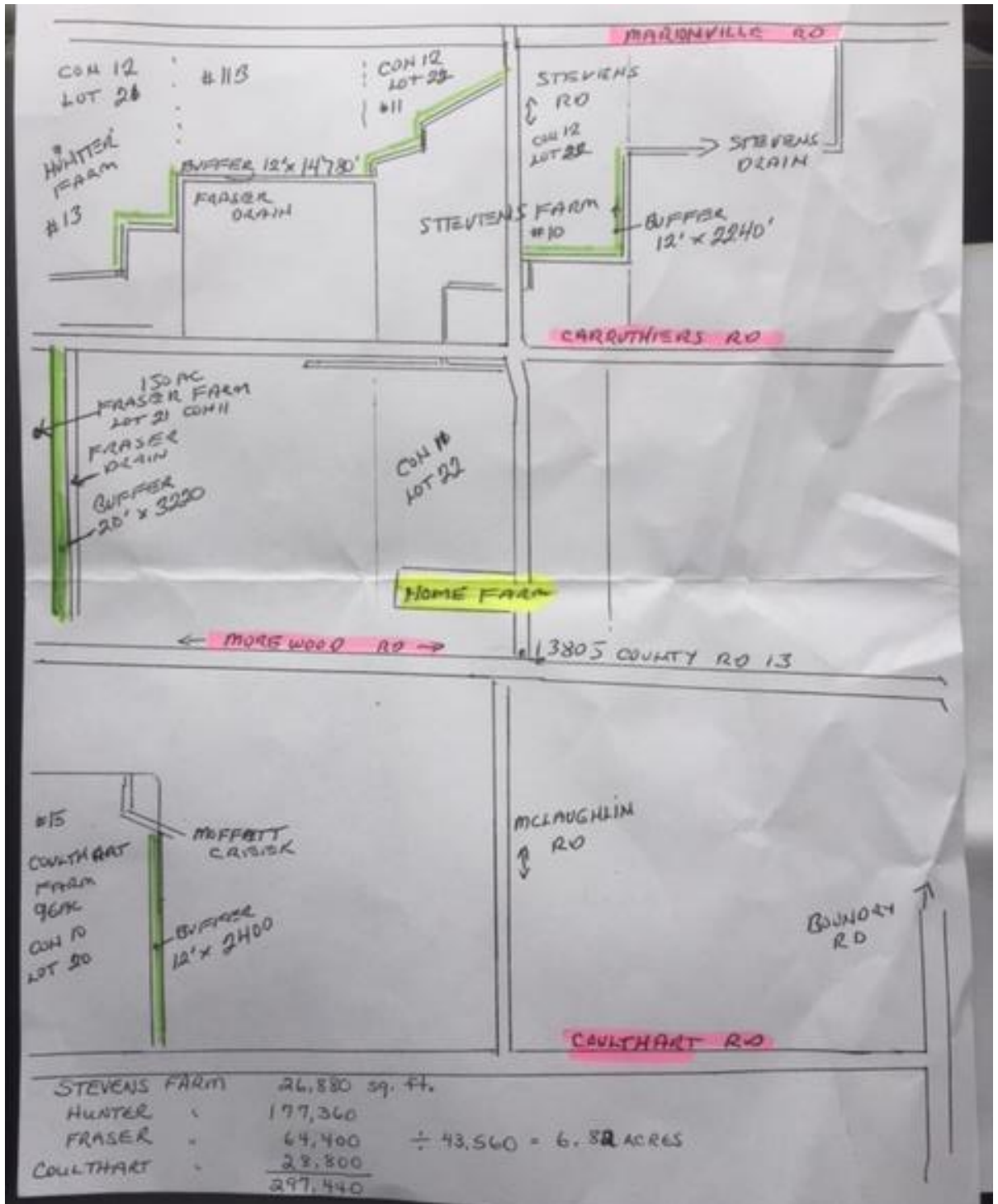
Other notes:

New construction - milkhouse wastewater with grease tank + septic system + artificial pond



# 2018-NDU-CW14

## Agenda Pg. 34



# 2018-NDU-CW14

## Agenda Pg. 34

Sketch #1

①



Pic ①

Pic ②

Pic 1 - Carruther rd - Steven's drain. Lot 22 Con 11  
North side of South field. 36 acres.  
10ft - 3m grassed - 1400 ft. length.

Pic 2 - 70 acres - Stevens drain. Lot 22 Con 12.  
South side (east).  
10ft grassed buffer - 2204' length.

Pic 3. 224 acres.  
North of Carruthers rd. to Stevens rd lot 21/22 Con 12 Pt.  
10ft grassed buffer. - 40,270 ft.  
joins Fraser + Stevens drain

Pic 4, 5, 6\* - Show areas handover wishes to fill in  
tree line space

# 2018-NDU-CW14

## Agenda Pg. 34

Pic. 1



Pic. 2



Pic. 3



Pic. 4



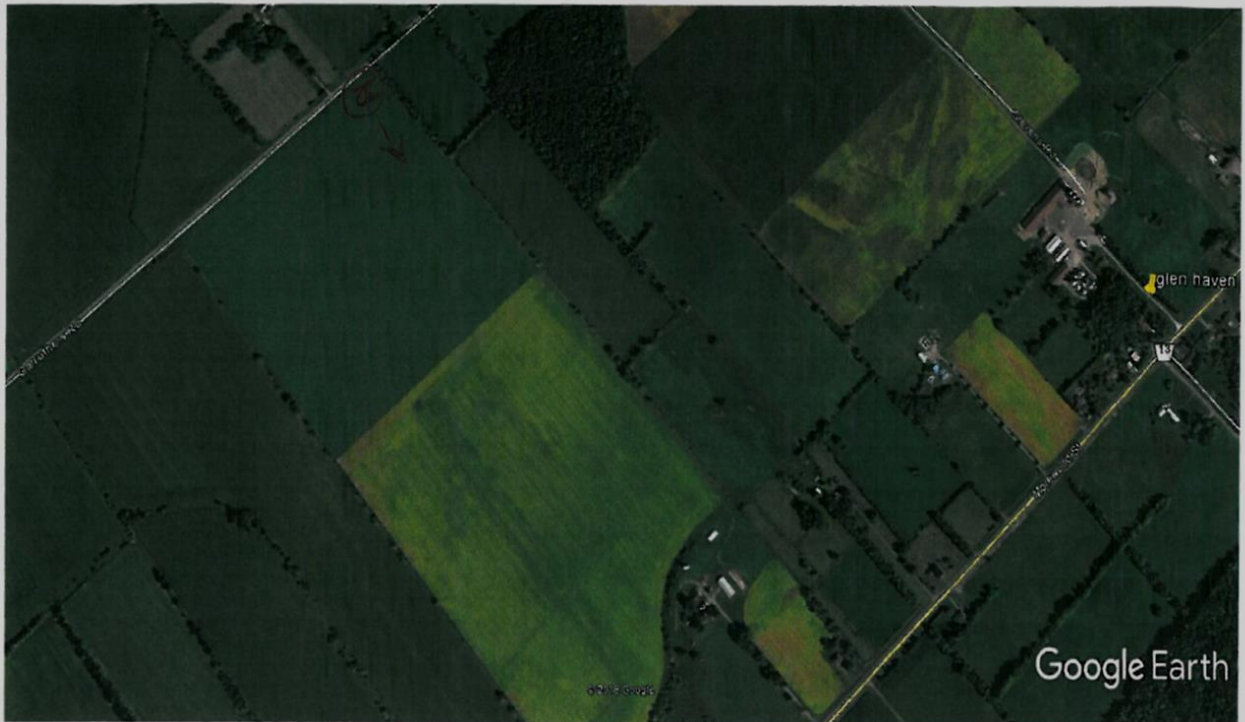


# 2018-NDU-CW14

## Agenda Pg. 34

Sketch #2

②



Google Earth

feet 3000  
km 1



pic ⑦ Carruthers rd. south side lot 21 | CON 11.  
150 acres  
20 ft along fraser drain.  
2,325 ft length.



# 2018-NDU-CW14

## Agenda Pg. 34

Pic. 7



# 2018-NDU-CW14

## Agenda Pg. 34

Sketch # 3

③



Google Earth

feet  
meters 2000  
700



pic 8 Coulthart rd lot 20 Con 9.  
96 acres.

Fence line - removed - thin and  
replant c̄ Butternut trees.  
10ft. width.

# 2018-NDU-CW14

## Agenda Pg. 34

Pic. 8



# 2018-NDU-CW14

## Agenda Pg. 34

### 2018 Project Rating for Buffers

Project Code: 2018-NDU-CW14

Project Type: Buffer/tree planting

Rep: J. Pemberton

| Criteria                                                                                | Evaluation of Criteria                                   |                                                          |                      | Total Available Points | Project Score |
|-----------------------------------------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|----------------------|------------------------|---------------|
|                                                                                         | High                                                     | Medium                                                   | Low                  |                        |               |
| 1. Type of watercourse                                                                  | <i>Permanent natural/wetland</i>                         | <i>Intermittent</i>                                      | <i>Private ditch</i> | 2                      | 2.5           |
| 2. Evidence of erosion                                                                  | <i>Visible</i>                                           | <i>Potential</i>                                         | <i>No evidence</i>   | 3                      | 1             |
| 3. Slope of adjacent land                                                               | >5%                                                      | 3% - 5%                                                  | <2%                  | 3                      | 2.5           |
| 4. Width of proposed buffer                                                             | >10m                                                     | 10m - 3m                                                 | 3m                   | 5                      | 1             |
| 5. Subwatershed health score OR priority subwatershed OR in a WHPA A or B or IPZ 1 or 2 | <i>Poor</i><br>OR<br><i>IPZ 1</i><br>OR<br><i>WHPA A</i> | <i>Fair</i><br>OR<br><i>IPZ 2</i><br>OR<br><i>WHPA B</i> | <i>Good</i>          | 6                      | 4             |
| 6. Reps overall score                                                                   |                                                          |                                                          |                      | 3                      | 3             |
| Sub Total Score                                                                         |                                                          |                                                          |                      | 22                     | 14            |
| 7. Committee's overall project priority                                                 |                                                          |                                                          |                      | 5                      |               |
| Total Score                                                                             |                                                          |                                                          |                      | 27                     |               |

#### Notes:

Adjacent Land Use: Agriculture

Other notes: \_\_\_\_\_

- Potential demonstration site

to encourage buffers/trees.

crop rotation: corn/soy/wheat



# 2018-NGL-CW15

## Agenda Pg. 35



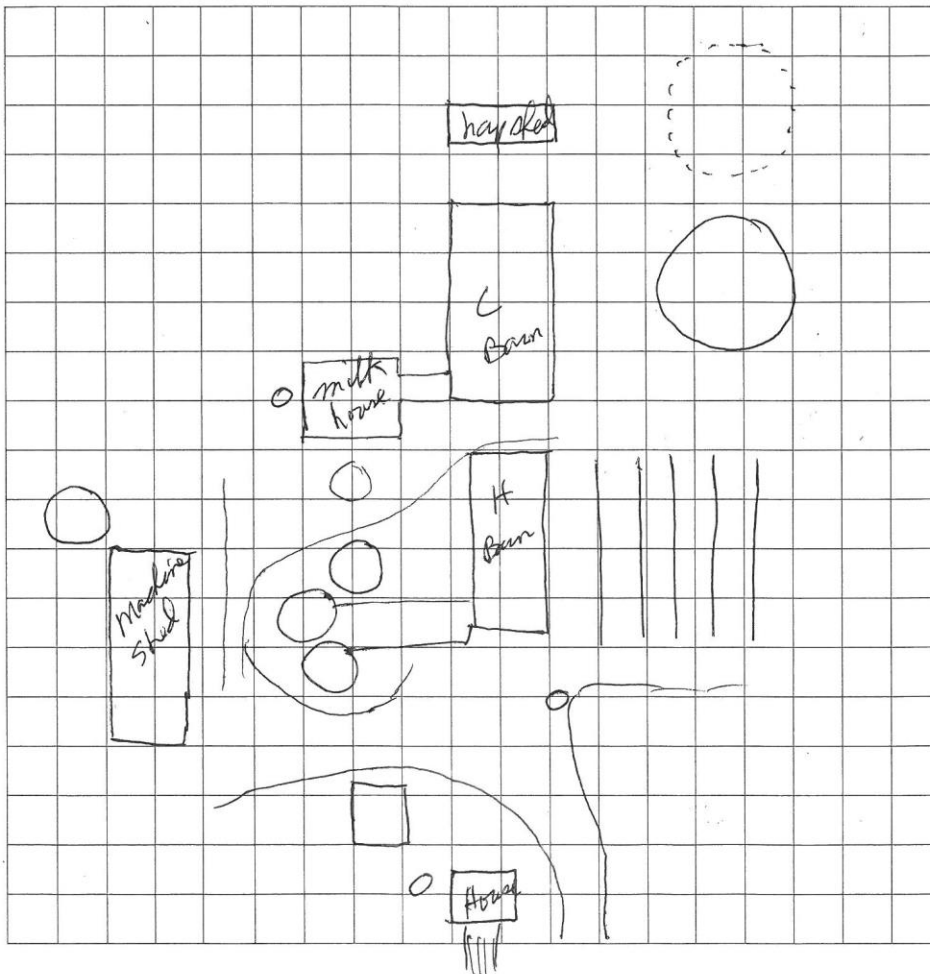
# 2018-NGL-CW15

## Agenda Pg. 35

### 7. Sketch Sheet

- Please Provide:
- a) location and name of watercourse(s)
  - b) location of existing and proposed project, including distances to watercourses and lot lines
  - c) Location and distance of all buildings, wells, septic systems, lot lines, roadways, etc, and
  - d) any applicable features such as width of buffer strip, length of fencing, and any other dimensions outlined in your project section

Lot: 25 Concession: 9 Former Township: Kenyon



# 2018-NGL-CW15

## Agenda Pg. 35

### 2018 Project Rating for Manure and Milkhouse Wastewater

Project Code: 2018-NGL-CW15  
 Project Type: Manure Storage  
 Rep: Rene

| Criteria                                                                                                                         | Evaluation of Criteria               |                                           |                      | Total Available Points | Project Score |
|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------------------|----------------------|------------------------|---------------|
|                                                                                                                                  | High                                 | Medium                                    | Low                  |                        |               |
| 1. Type of watercourse                                                                                                           | <i>Permanent natural/wetland</i>     | <i>Intermittent</i>                       | <i>Private ditch</i> | 2                      | 2             |
| 2. Distance to watercourse or floodplain OR within Wellhead Protection Area (WHPA) A or B OR Intake Protection Zone (IPZ) 1 or 2 | <100m<br>OR<br>WHPA A<br>OR<br>IPZ 1 | 100 – 300m<br>OR<br>WHPA B<br>OR<br>IPZ 2 | >300m                | 3                      | 1             |
| 3. Evidence of contamination                                                                                                     | <i>Visible</i>                       | <i>Potential</i>                          | <i>No evidence</i>   | 5                      | 3             |
| 4. Phosphorus reduction                                                                                                          | >100 kg/yr                           | 100 kg/yr – 25 kg/yr                      | <25 kg/yr            | 3                      | 3             |
| 5. Subwatershed health score and priority subwatershed                                                                           | <i>Poor</i>                          | <i>Fair</i>                               | <i>Good</i>          | 6                      | 4             |
| 6. Reps overall score                                                                                                            |                                      |                                           |                      | 3                      | 2             |
| Sub Total Score                                                                                                                  |                                      |                                           |                      | 22                     | 15            |
| 7. Committee's overall project priority                                                                                          |                                      |                                           |                      | 5                      |               |
| Total Score                                                                                                                      |                                      |                                           |                      | 27                     |               |

#### Notes:

Adjacent Land Use: \_\_\_\_\_

Other notes: \_\_\_\_\_

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_