

Ottawa Rural Clean Water Grants

05 06 1539 DDB
Agenda Pg. 52

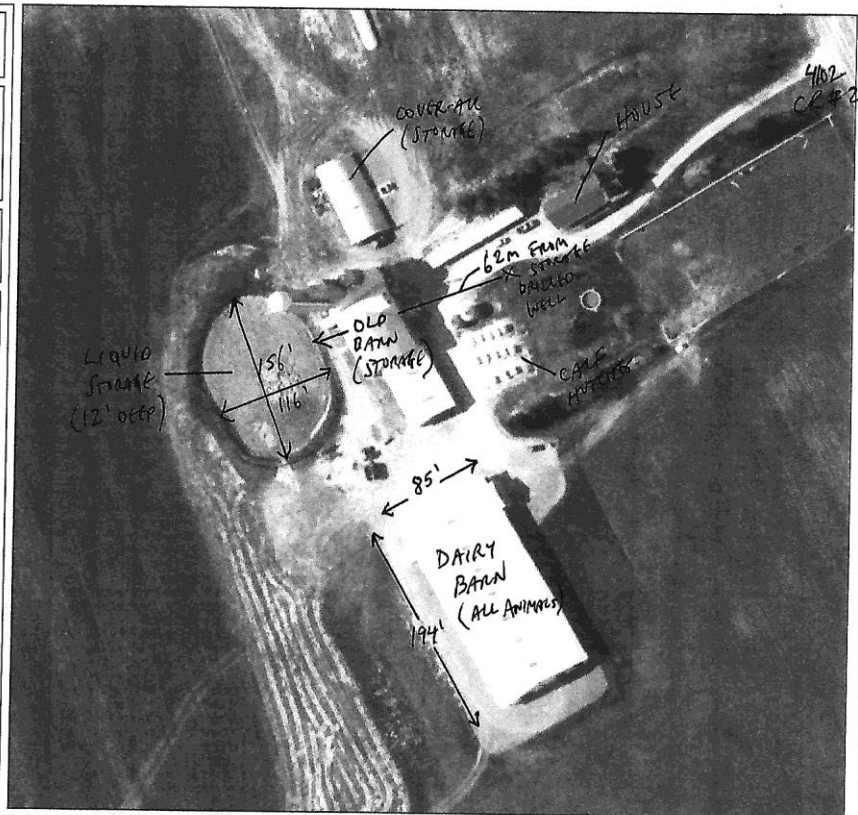


05 06 1539 DDB

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Farmstead Sketch - Hilltop Farms

Farm Name	Hilltop Farms
911 Location	4102 County Rd #25
Upper Tier Municipality	
Lower Tier Municipality	
Geotownship	
Roll Number	
Lot	38, 39
Concession	2
Notes	- DRILL TO WELL 62m FROM LIQUID STORAGE - NO TILE INLETS/OUTLETS WITHIN 100m OF STORAGE
Drilled Wells	Yes
Other Wells	None within regulated distance of nutrient storage
Municipal Wells	None within regulated distance of nutrient storage
Surface Water	None within regulated distance of nutrient storage
Tile Inlets	None within regulated distance of nutrient storage



0 0.1 km



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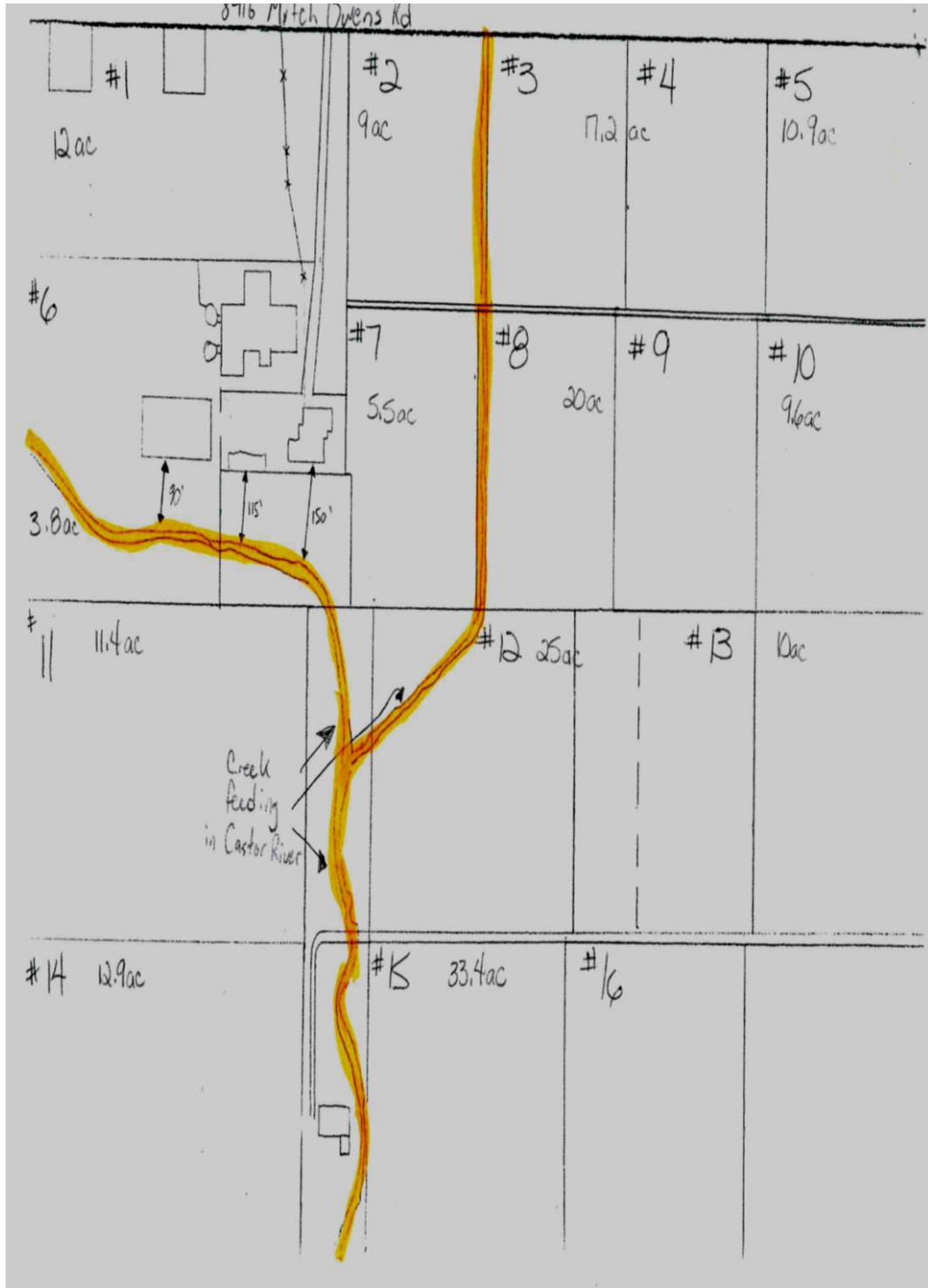
Map Created : 2/21/2019

Map Center: 45.11735 N, -75.56522 W

05 19 2242 DDA Agenda Pg. 53



05 19 2242 DDA Agenda Pg. 53



05 2019 2243 DDA
Agenda Pg. 54



05 2019 2243 DDA Agenda Pg. 54

10. Sketch Sheet

Please Provide:

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



05 19 2244 DDA
Agenda Pg. 55

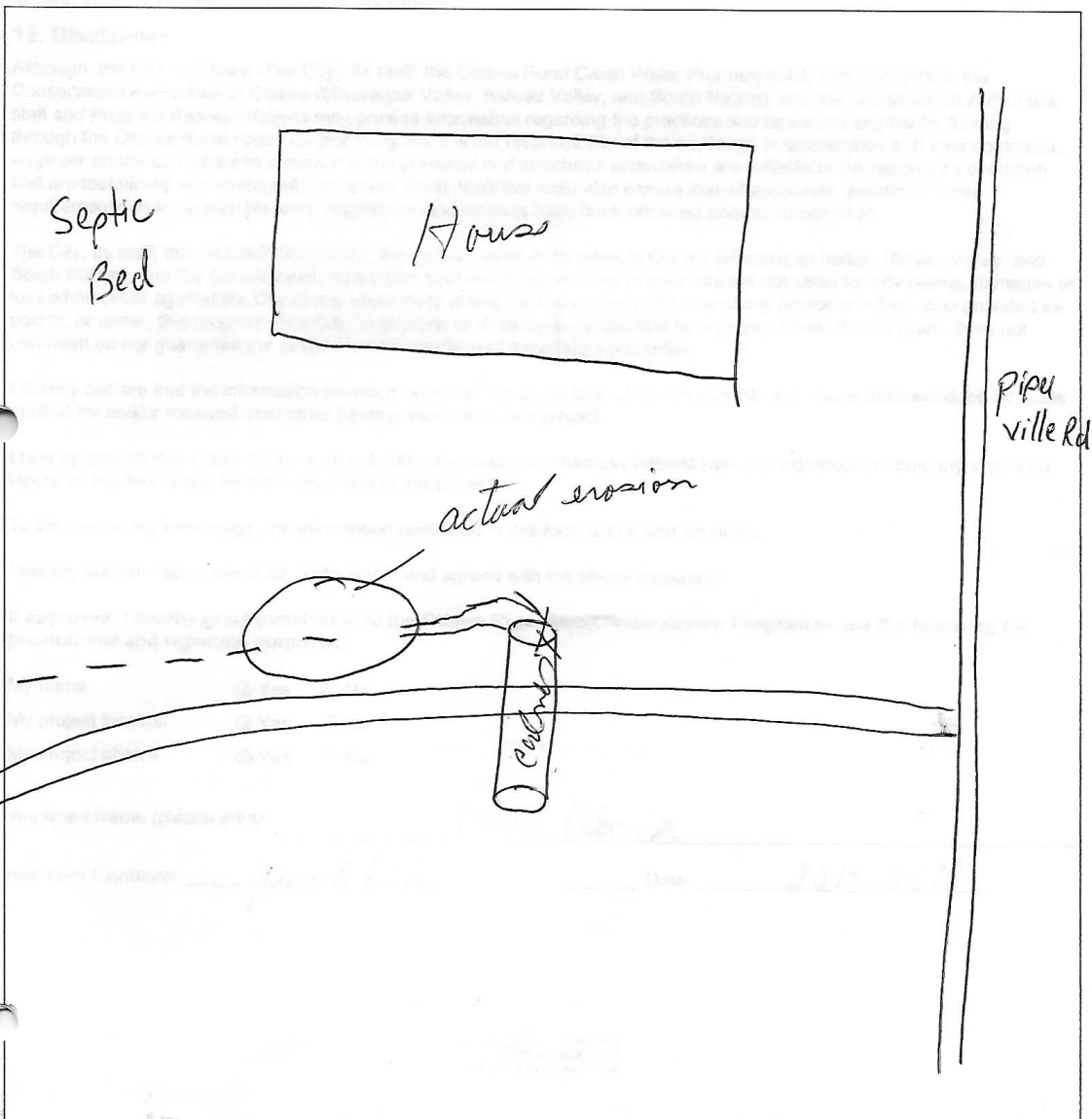


05 19 2244 DDA Agenda Pg. 55

Sketch Sheet

Please Provide:

- Location and name of watercourse(s);
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Clean Water Program Grants

2019-RUS-CW01

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2019-RUS-CW01

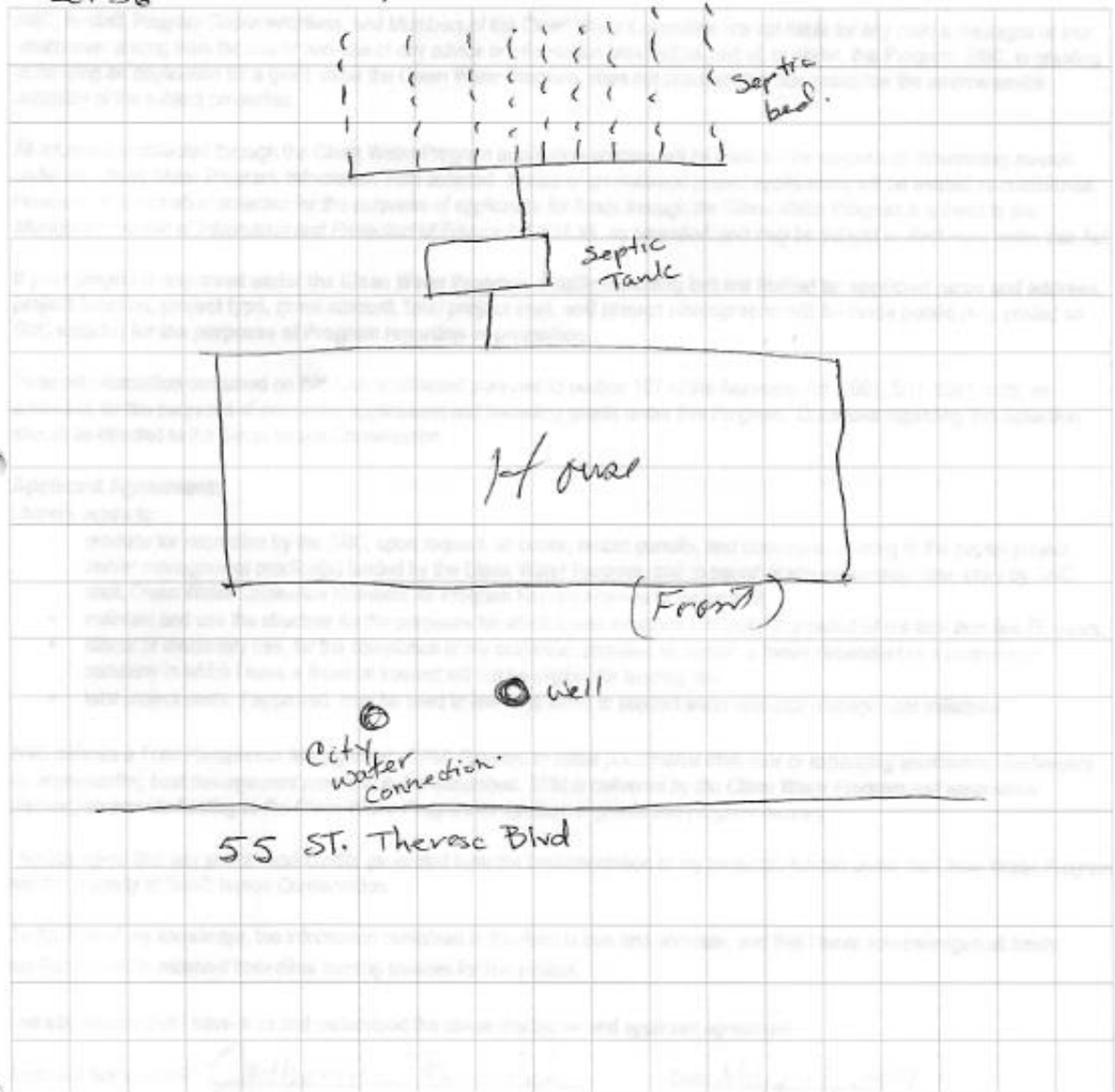
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- Please Provide: a) location and name of watercourse(s)
b) location of existing and proposed project, including distances to watercourses and lot lines
c) Location and distance of all buildings, wells, septic systems, lot lines, roadways, etc, and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

Lot: Plan M-142
Lot 36

Concession: _____

Former Township: Russell



2019-RUS-CW01

Agenda Pg. 56

2019 Project Rating for Septic Systems

Project Code: 2019-RUS-CW01

Project Type: Septic System

Rep: Andre Pommerville

Criteria	Evaluation of Criteria			Total Available Points	Project Score
	High	Medium	Low		
<u>have to pump</u> 1. Evidence of system failure <u>tank every 3 mths</u>	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 wall or watercourse OR within Wellhead Protection Area (WHPA) OR Intake Protection Zone (IPZ) 1 or 2	<15m OR WHPA A OR IPZ 1	15-30m OR WHPA B OR IPZ 2	>30m	3	1.5
5. Subwatershed health score OR priority subwatershed	Poor	Fair	Good	5	5
6. Reps overall score				3	3
Sub Total Score				22	20.5
7. Committee's overall project priority				5	
Total Score				27	

Notes:

Adjacent Land Use: Residential

Other notes: Need new system to replace existing system pumping actual system every 3 mths - septic system 35 year old

2019-ALP-CW02

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2019-ALP-CW02

Agenda Pg. 57

Quis
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: 9 Concession: 8 Ancien canton: Plantagenet Nord

12'

10'

puits

GARAGE

MAISON

Champ d'épuration

DRIVE WAY

chemin
county Rd #2

2019-ALP-CW02

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2019 Project Rating for Well Decommissioning

Project Code: 2019-APL-CW02
 Project Type: Well Decommissioning
 Rep: Andre Pommerville

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

Other notes: easily accessible by humans/children
- 4-5' of water under cover. & small animals

2019-APL-CW03

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2019-APL-CW03

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Croquis

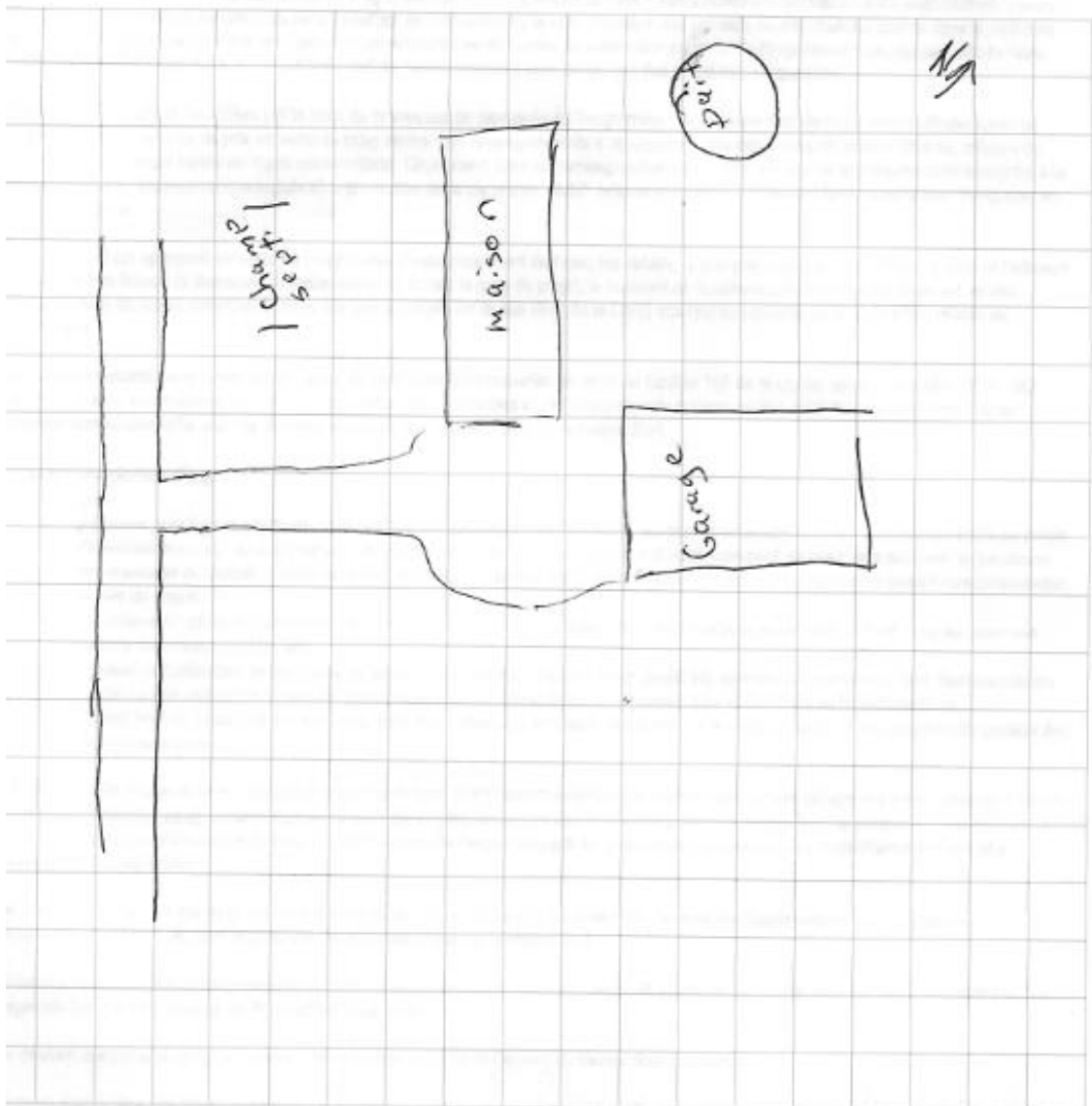
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- l'emplacement de la structure existante et du projet proposé, y compris la distance les séparant des cours d'eau et des limites du terrain;
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t. 3

Concession: 3

Ancien canton: Plant Nord



2019-APL-CW03

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2019 Project Rating for Well Decommissioning

Project Code: 2019-APL-CW03
 Project Type: Well Decom
 Rep: Dndr

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 OR WHPA A OR IPZ 1	100m - 300m OR WHPA B OR 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. No cover, grade sloping towards well, open annular spacing around casing OR Water Quality samples indicating contamination	E.g. No cover, above grade	E.g. 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	2
5. Subwatershed health score and priority subwatershed	Poor	Fair	Good	4	3
6. Reps overall score				3	3
Sub Total Score				22	20
7. Committee's overall project priority				5	
Total Score				27	

Notes:
 Adjacent Land Use: Rural residential
 Other notes: 2 acres

2019-RUS-CW04

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2019-RUS-CW04

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2019 Project Rating for Cover Crops

Project Code: 2019-RUS-CW04
 Project Type: Cover Crops
 Rep: Andi Pommainville

Criteria	Evaluation of Criteria			Total Available Points	Project Score
	High	Medium	Low		
1. Type of watercourse	Permanent natural/wetland	Intermittent	Private ditch	3	3
2. Type of cover crop	Multi species		Single species	4	3
3. Upland slope	>5%	3%-5%	<2%	3	2
4. Termination time	Spring	Late Fall	Early Fall	3	3
5. Subwatershed health score OR priority subwatershed OR in a WHPA A or B or IPZ 1 or 2	Poor OR IPZ 1 OR WHPA A	Fair OR IPZ 2 OR WHPA B	Good	6	2
6. Reps overall score				3	3
Sub Total Score				22	16
7. Committee's overall project priority				5	
Total Score				27	

Notes:

Adjacent Land Use:

Other notes:

- agricultural

Already doing cover crops in

crops rotation - large dairy

farm of 100⁺ milking cows -
mixture of radishes and cereals

2019-NDU-CW05

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2019-NDU-CW05

Agenda Pg. 60

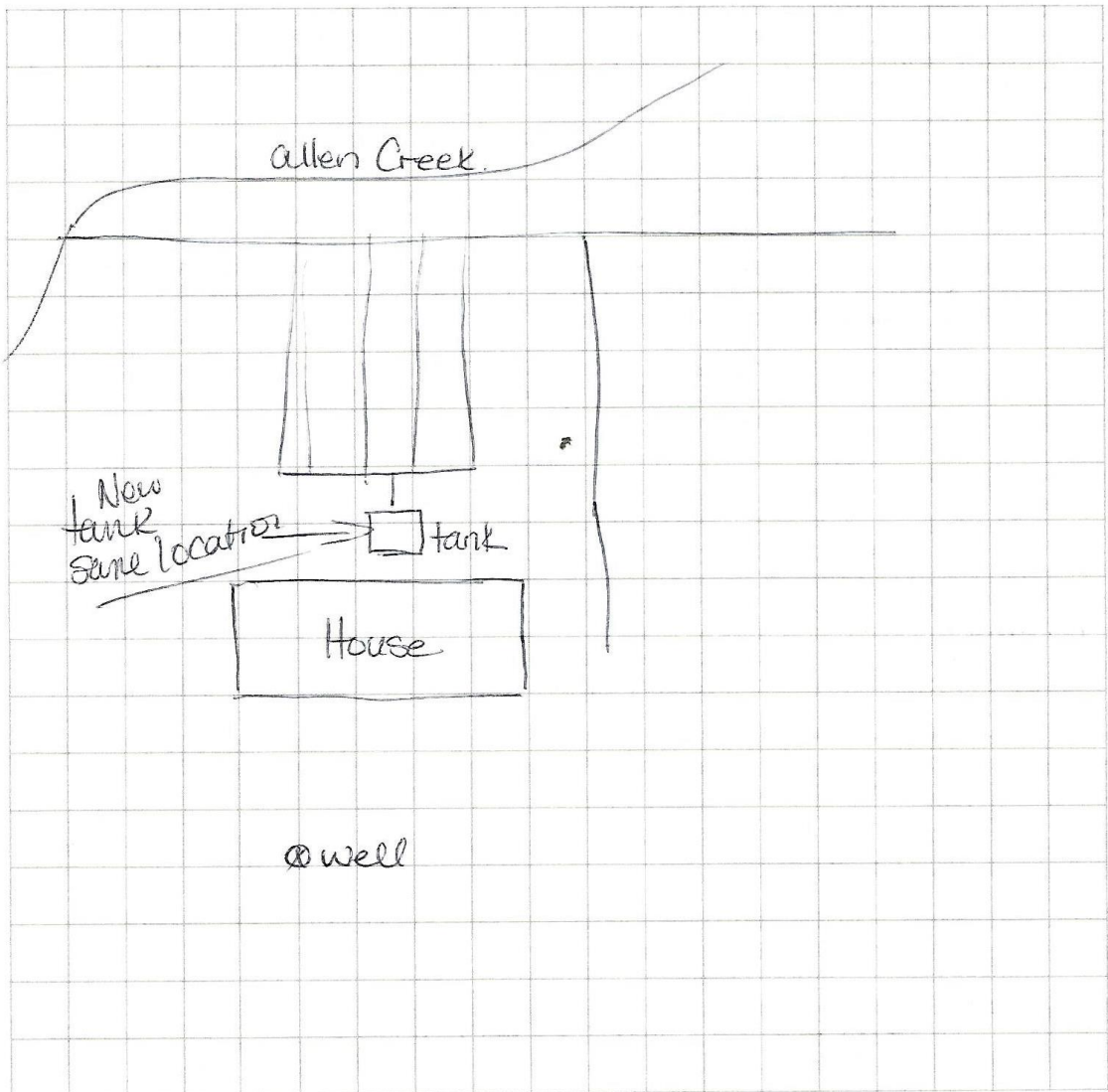
7. Sketch Sheet

- Please Provide:
- a) location and name of watercourse(s)
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WPA LOT 8
Lot: _____

Concession: 11

Former Township: Mountain



2019-NDU-CW05

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2019 Project Rating for Septic Systems

Project Code: 2019-NDU-CW05

Project Type: Septic

Rep: J. Remberton

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	1.5
4. Distance to well or watercourse OR within Wellhead Protection Area (WHPA) OR Intake Protection Zone (IPZ) 1 or 2	<15m OR WHPA A OR IPZ 1	15-30m OR WHPA B OR IPZ 2	>30m	3	2
5. Subwatershed health score OR priority subwatershed	Poor	Fair	Good	5	3
6. Reps overall score				3	3
Sub Total Score				22	18.5
7. Committee's overall project priority				5	
Total Score				27	

Notes:

Adjacent Land Use: Residential, Agriculture

Other notes: _____

2019-NDU-CW06

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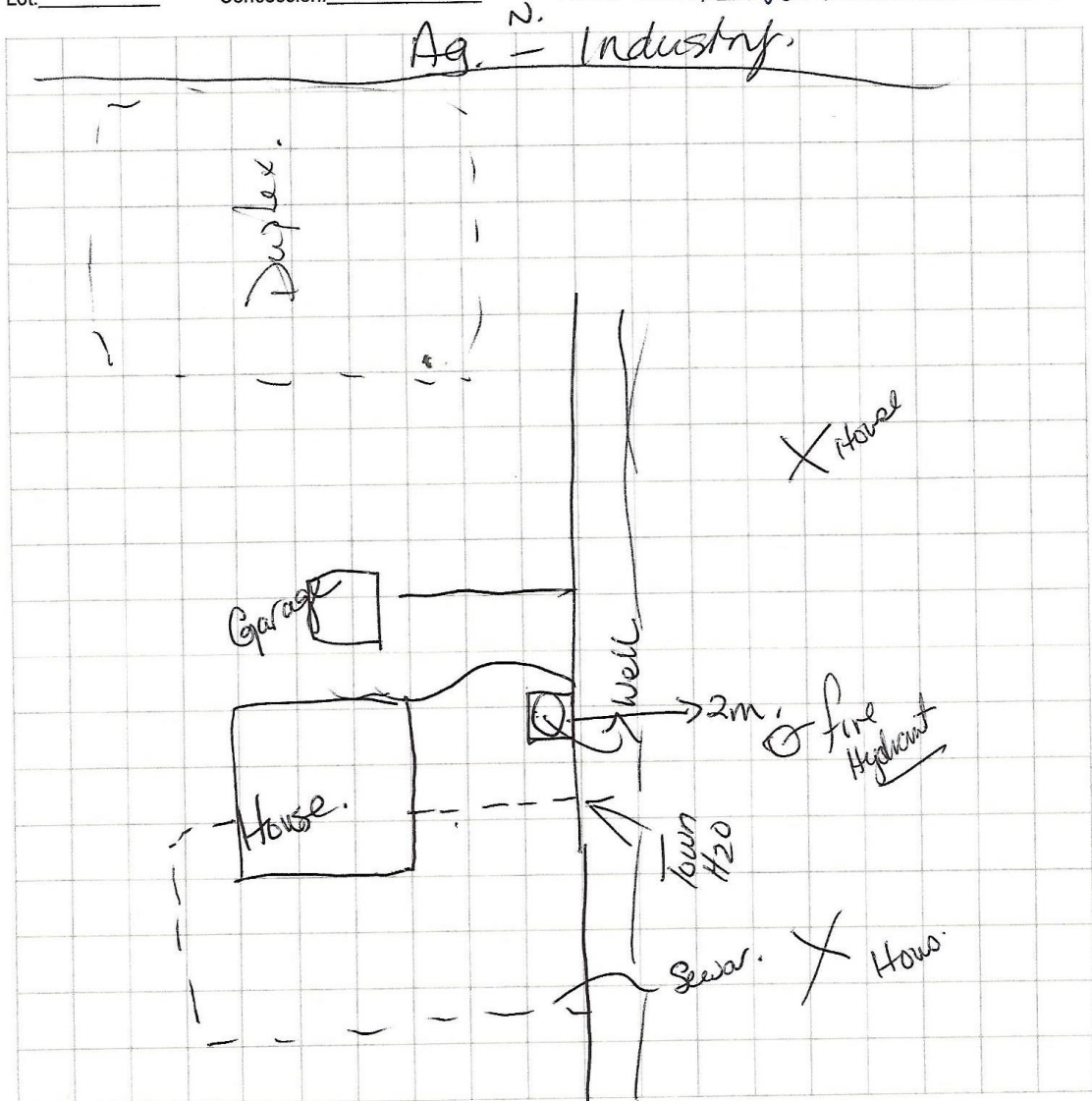
2019-NDU-CW06

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7. Sketch Sheet

- Please Provide:
- location and name of watercourse(s)
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 - Location and distance of all buildings, wells, septic systems, lot lines, roadways, etc, and
 - 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: Winchester



2019-NDU-CW06

Agenda Pg. 61

2019 Project Rating for Well Decommissioning

Project Code: 2019-NDU-CW06
 Project Type: Well Decommissioning
 Rep: J. Remberton

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 OR WHPA A OR IPZ 1	100m - 300m OR WHPA B OR 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. No cover, grade sloping towards well, open annular spacing around casing OR Water Quality samples indicating contamination	E.g. No cover, above grade	E.g. 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	22
7. Committee's overall project priority				5	
Total Score				27	

Notes:

Adjacent Land Use: Ag, Industry, Residential

Other notes: —

2019-CLR-CW07

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2019-CLR-CW07

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7. Croquis

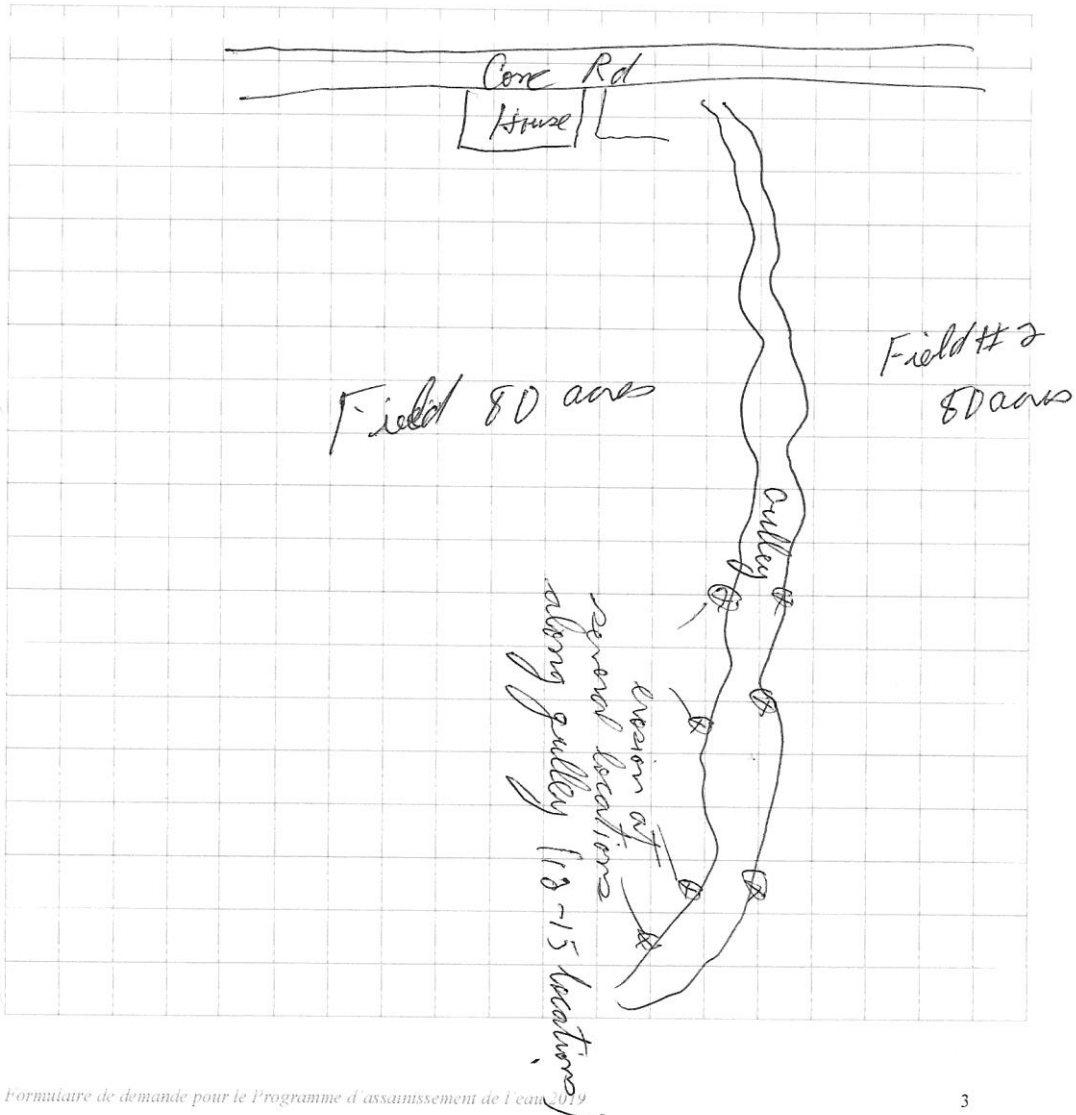
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PT Lot 5 16-17

Concession: 9

Ancien canton : Clarence



2019-CLR-CW07

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2019 Project Rating for Stream Bank Erosion

Project Code: 2019-CLR-CW07
 Project Type: Streambank erosion
 Rep: Andre

Criteria	Evaluation of Criteria			Total Available Points	Project Score
	High	Medium	Low		
1. Type of watercourse	Permanent	Intermittent	Private or roadside ditch	2	2
2. Evidence of erosion	Severe, active bank erosion	Non-severe, active bank erosion	Potential for bank erosion or upland erosion	3	3
3. Bank slopes	>5%	3% - 5%	<2%	3	3
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	3*
5. Subwatershed health score and priority subwatershed/ watercourse	Poor	Fair	Good	6	4
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 land

Other notes: Erosion at different locations (12-15) along a huge gully - previous crops (hay/pasture) - present crops is either soybean or corn - wants to establish a buffer of 5+ m from top of stream bank.

- Excavation at what slope?
- States "geotextile where required". Geotextile should be used throughout.
- Buffer strip should be implemented.

2019-APL-CW08

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2019-APL-CW08

Agenda Pg. 63

7. Croquis

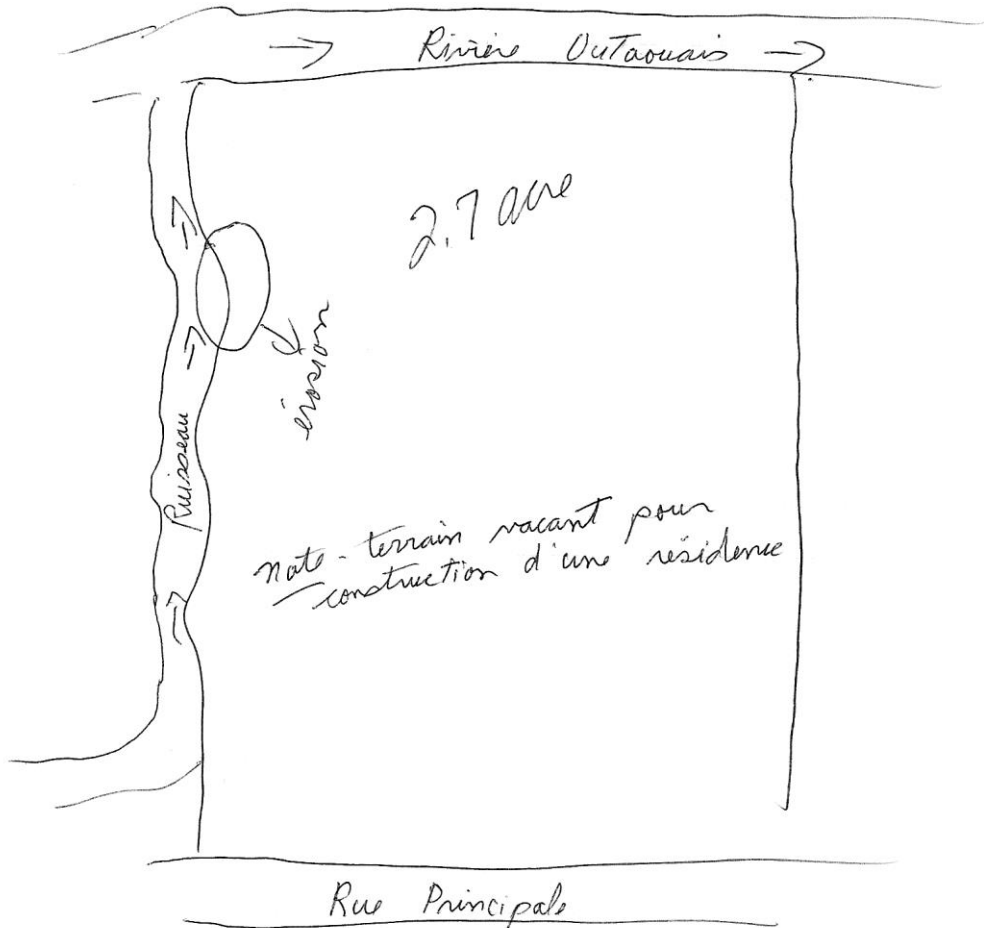
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Lot: 1

Concession: BF lot 28

Ancien canton: Plant. Nord



2019-APL-CW08

Agenda Pg. 63

2019 Project Rating for Stream Bank Erosion

Project Code: 2019-APL-CW08
 Project Type: Stream-Bank Erosion
 Rep: Dinda

Criteria	Evaluation of Criteria			Total Available Points	Project Score
	High	Medium	Low		
1. Type of watercourse	Permanent	Intermittent	Private or roadside ditch	2	2
2. Evidence of erosion	Severe, active bank erosion	Non-severe, active bank erosion	Potential for bank erosion or upland erosion	3	3
3. Bank slopes	>5%	3% - 5%	<2%	3	3
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	2*
5. Subwatershed health score and priority subwatershed/ watercourse	Poor	Fair	Good	6	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: Rural Residential

Other notes: Severe erosion along a permanent natural stream approx 100 m. from Ottawa River - vacant lot - eroding plot of approx 30ft long by 30ft wide to slide into stream at anytime - site for construction of a house.
 - No excavation details.
 - No size of rock specified.

2019-SDU-CW09

Supplemental Agenda Pg. 5



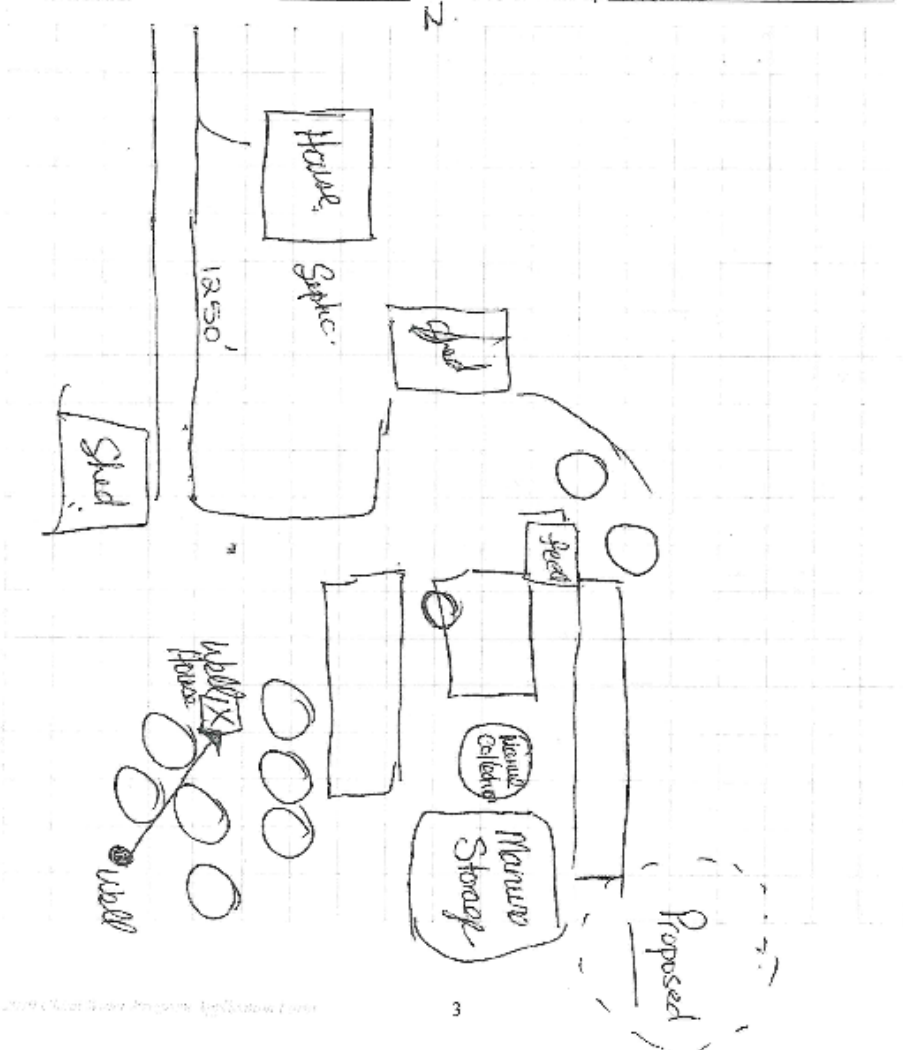
2019-SDU-CW09

Supplemental Agenda Pg. 5

7. Sketch Sheet

- Please Provide:
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Lot: _____ Concession: _____ Former Township: _____



2019-SDU-CW09

Supplemental Agenda Pg. 5

2019 Project Rating for Manure and Milkhouse Wastewater

Project Code: 2019-SDU-CW09
 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	1
2. Distance to watercourse or floodplain OR within Wellhead Protection Area (WHPA) A or B OR Intake Protection Zone (IPZ) 1 or 2	<100m OR WHPA A OR IPZ 1	100 – 300m OR WHPA B OR IPZ 2	>300m	3	1
3. Evidence of contamination	<i>Visible</i>	<i>Potential</i>	<i>No evidence</i>	5	2
4. Phosphorus reduction	>100 kg/yr	100 kg/yr – 25 kg/yr	<25 kg/yr	3	2
5. Subwatershed health score and priority subwatershed	<i>Poor</i>	<i>Fair</i>	<i>Good</i>	6	2
6. Raps overall score				3	2
Sub Total Score				22	10
7. Committee's overall project priority				5	
Total Score				27	

Notes:

Adjacent Land Use: Agriculture

Other notes: 500m - Cooks drain west

600 m - ? " North

5Km - outside SWP area droguis