

# 2019 MAINTENANCE SCHEDULE













### OAKWOOD DRAIN

Bottom clean out100m to outlet



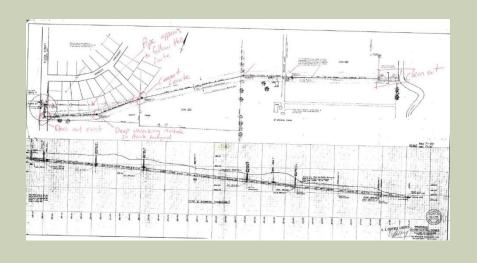


#### OAKWOOD MANHOLE





#### **SECTION 78 OAKWOOD DRAIN**



- Two missing manholes
- Pipe route does NOT follow design
- Working area in Engineer's report and plan does not match – access and maintenance issues
- Manhole is actually in private backyard

### MCARTHUR DRAIN





#### MCARTHUR CULVERT REPLACEMENT

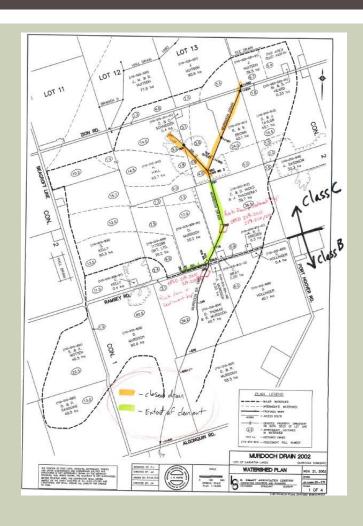




## MURDOCH DRAIN BOTTOM CLEANOUT







#### **DYKSTRA DRAIN**



- 100m bottom cleanout to outlet
- Owner would also like a new culvert.

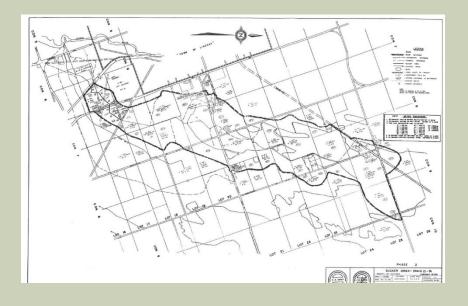
#### **OPS 21-74 DRAIN - BOTTOM CLEANOUT**





#### 850M OF BOTTOM CLEANOUT





# OPS 4 GENERAL CLEAN UP REMOVAL OF DEBRIS, DAMS AND FALLEN TREES





# OPS 4 GENERAL CLEAN UP REMOVAL OF DEBRIS, DAMS AND FALLEN TREES





# VAN SHAIK DRAIN <u>CULVERT REPLACEMENT</u> AND DITCHING





## VAN SHAIK DRAIN





# OPS 3-78 DRAIN MINOR DEBRIS AND DAM REMOVALS





# OPS 3-78 DRAIN MINOR DEBRIS AND DAM REMOVALS





#### MISC RIP-RAP REPLACEMENT

- Ops 5 erosion around catch basins
- Hall erosion around rock dam
- McArthur erosion around damaged culvert
- Nancekievill erosion around culvert
- Davidson erosion at outlet to open channel
- Denby erosion around catch basins

#### More to come!

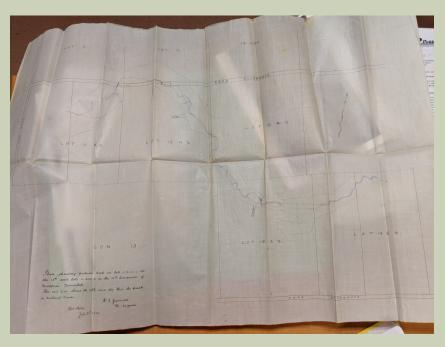


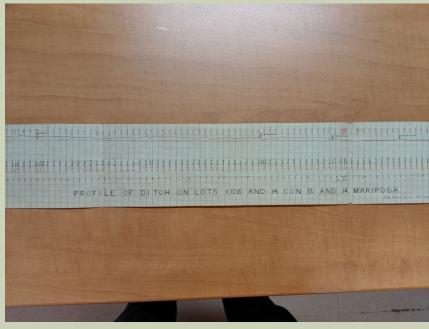


- Adopted by by-law in 1903
- Has municipal drain status
- Section 78 or abandon
- Hill serves as outlet to Grant Drain.

Recommendation to section 78 Hill drain.

### HILL PLAN AND PROFILE





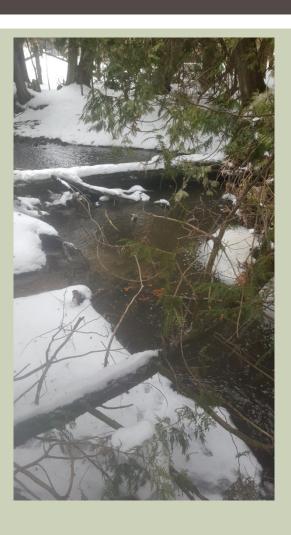




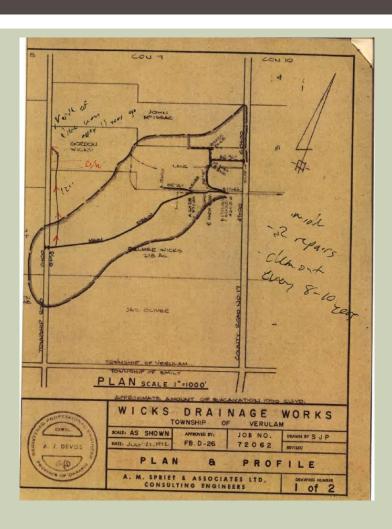








#### WICKS DRAIN



- No records of maintenance being completed by township
- Owner has changed plan without permission
- Wick family own majority of land assessed
- Section 78 or abandon
- Recommendation to drainage board to begin discussions with owner regarding abandonment of drain
- Wicks used an existing watercourse prior to petition
- Wicks drain outlets into watercourse within Wicks property - riparian rights return after abandonment.

### **WICKS DRAIN**



