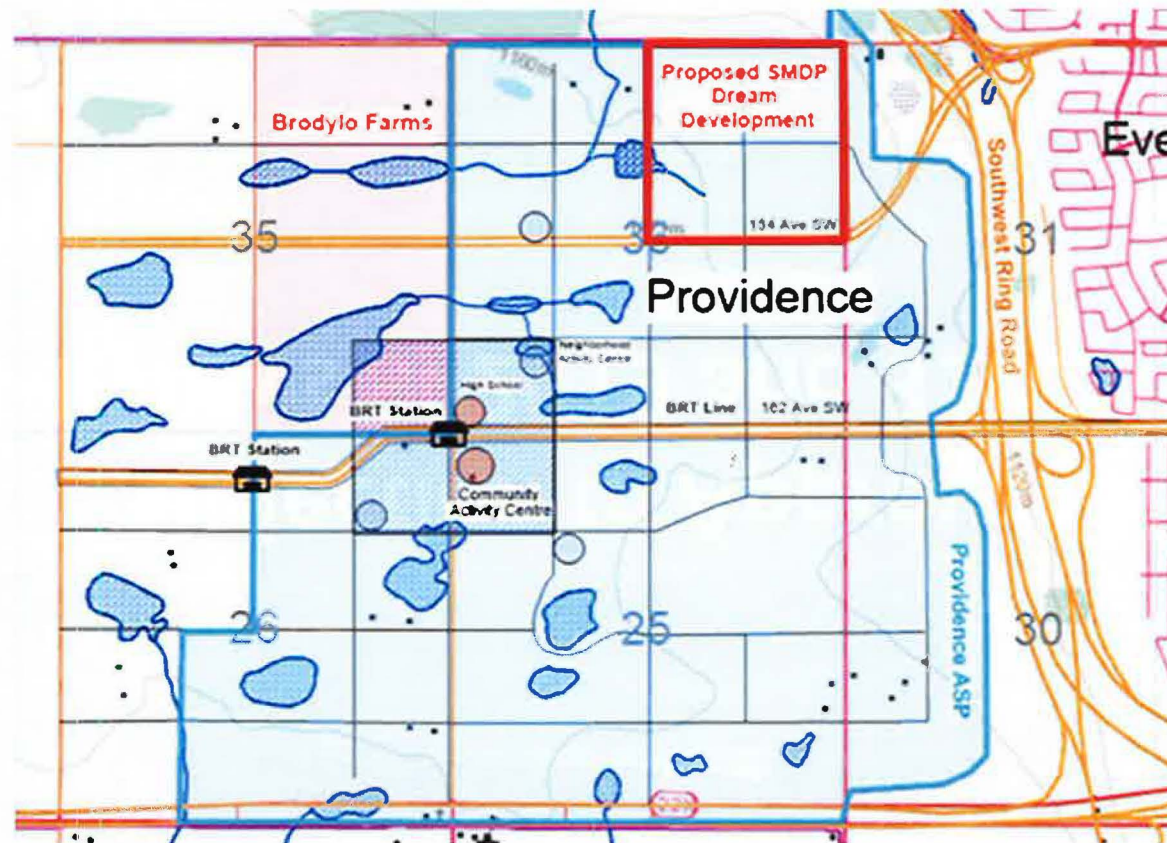


A photograph of a wetland area. In the foreground, there are tall green reeds. A body of water flows through the center, reflecting the sky. The background shows a line of trees under a blue sky with white clouds.

# **Providence Area Development**

**Objection to Approval of  
Bylaws 8P2019 and 31D2019**





- **We Object to the approval of these bylaws that will allow a development to flood Brodylo Farms land**
- **This development fails to accommodate or preserve the pre-existing and interconnected drainage network which will result in the planned and extensive flooding of Brodylo Farms upstream lands.**

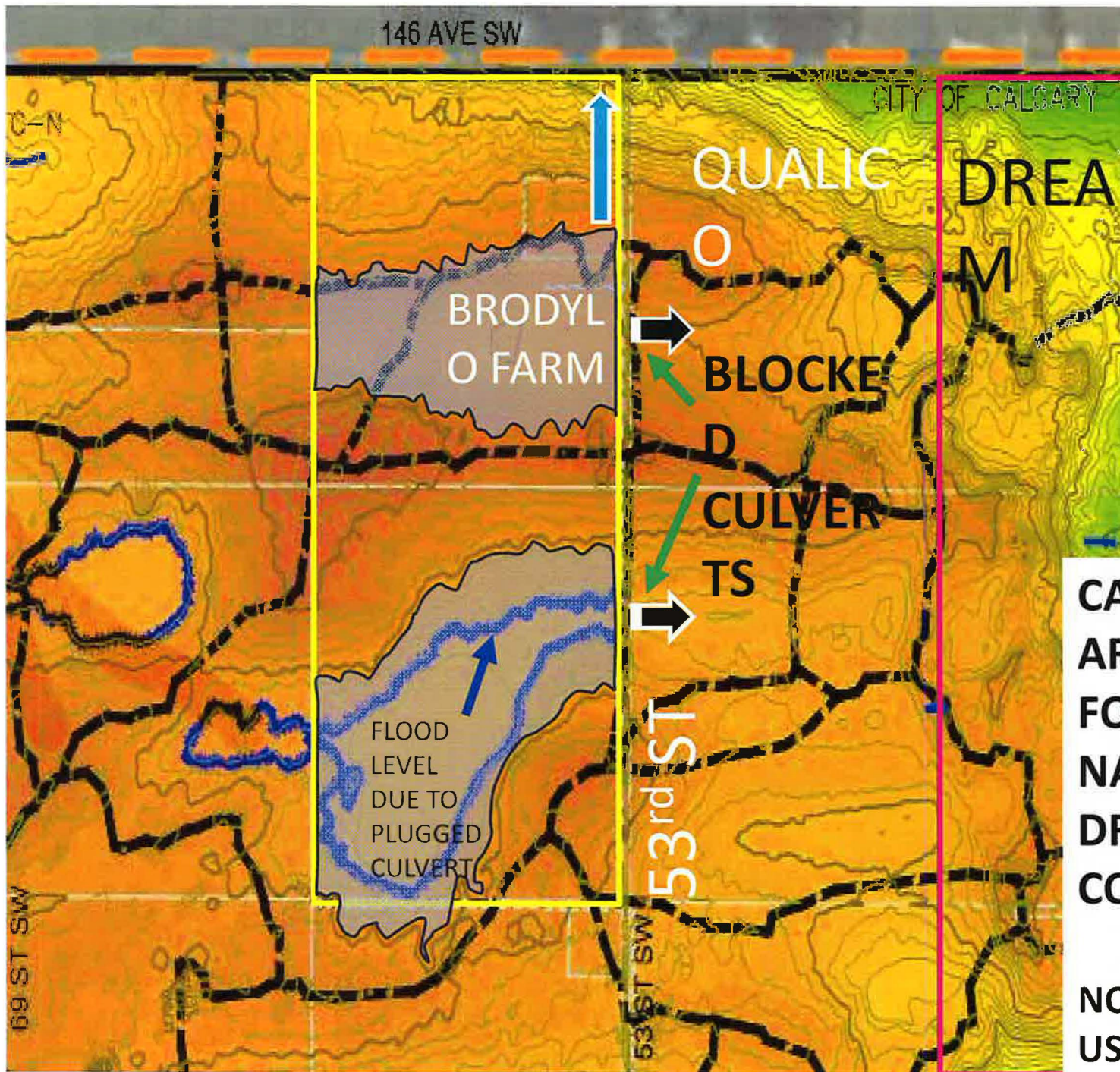
# **Problem**

- **The approved SMDP for this proposed bylaw contains significant errors that ignore the high risk of post-development flooding.**
- **The SMDP uses flawed data, assumptions, and conclusions from the MDP.**
- **EXP 2018 Providence MDP predicts 100% probability of flooding Brodylo Farms. (See EXP 2018 MDP Wetland #6 Graph page 32 and page 66)**









**PRE-DEVELOPMENT WATER LEVELS**  
 - AS MODELLED BY EXP DRAFT MDP - DOES NOT

**CATCHMENT AREAS DO NOT FOLLOW NATURAL DRAINAGE CONTOURS**

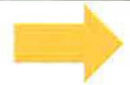
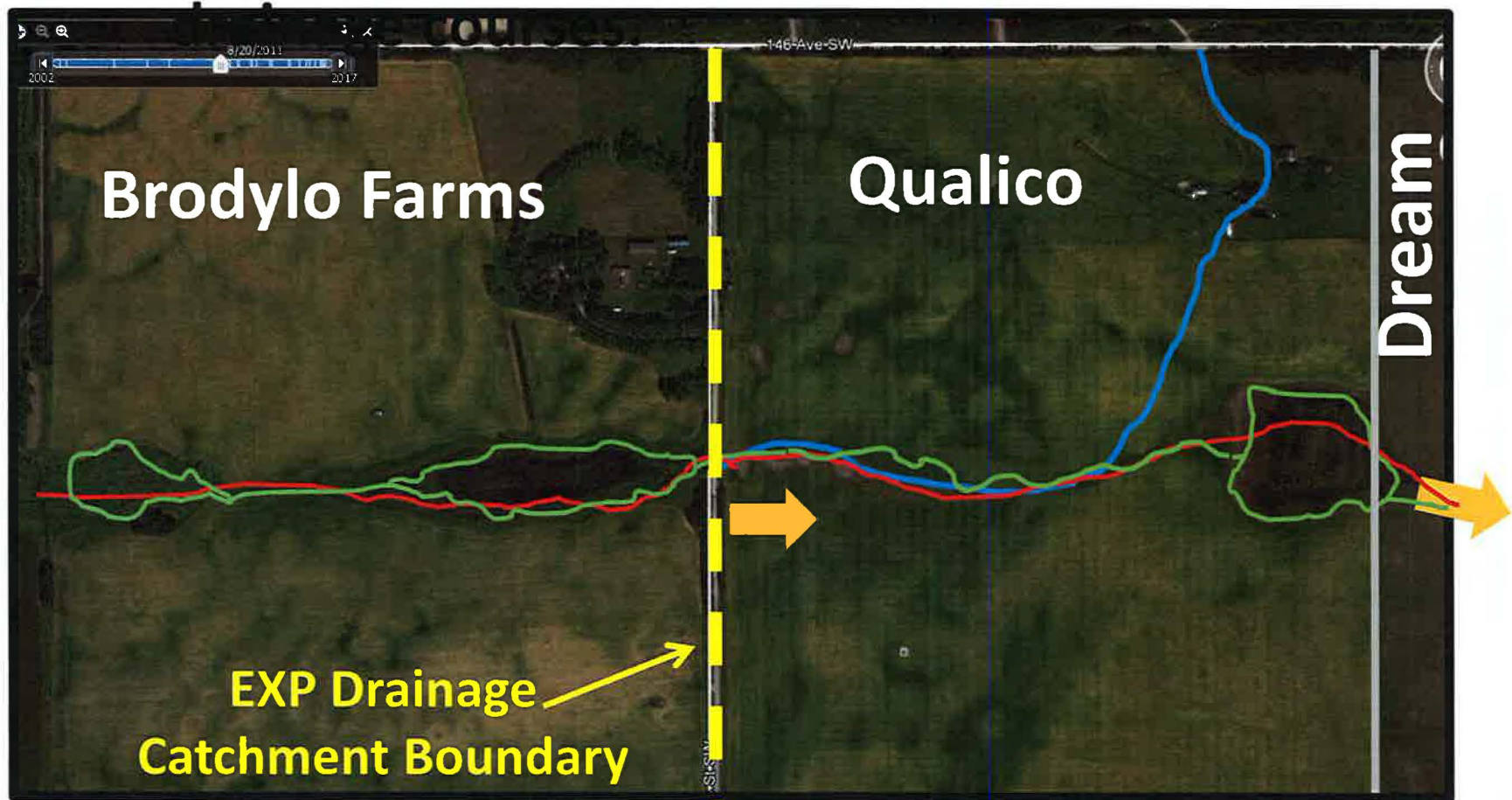
**NOTE 53<sup>RD</sup> STREET USED AS A**





EXP claims there is no connecting drainage between Brodylo through Qualico to Dream parcels. This is clearly not correct as shown. This is also not consistent with all other maps, studies and technical opinions. Please see next slide.

## Composite of Studies rendering interpreted



Stantec 2007 Providence MDP



CanVec (NRC) CofC, Ecotone 2015, EXP 2015, Ghostpine 2018

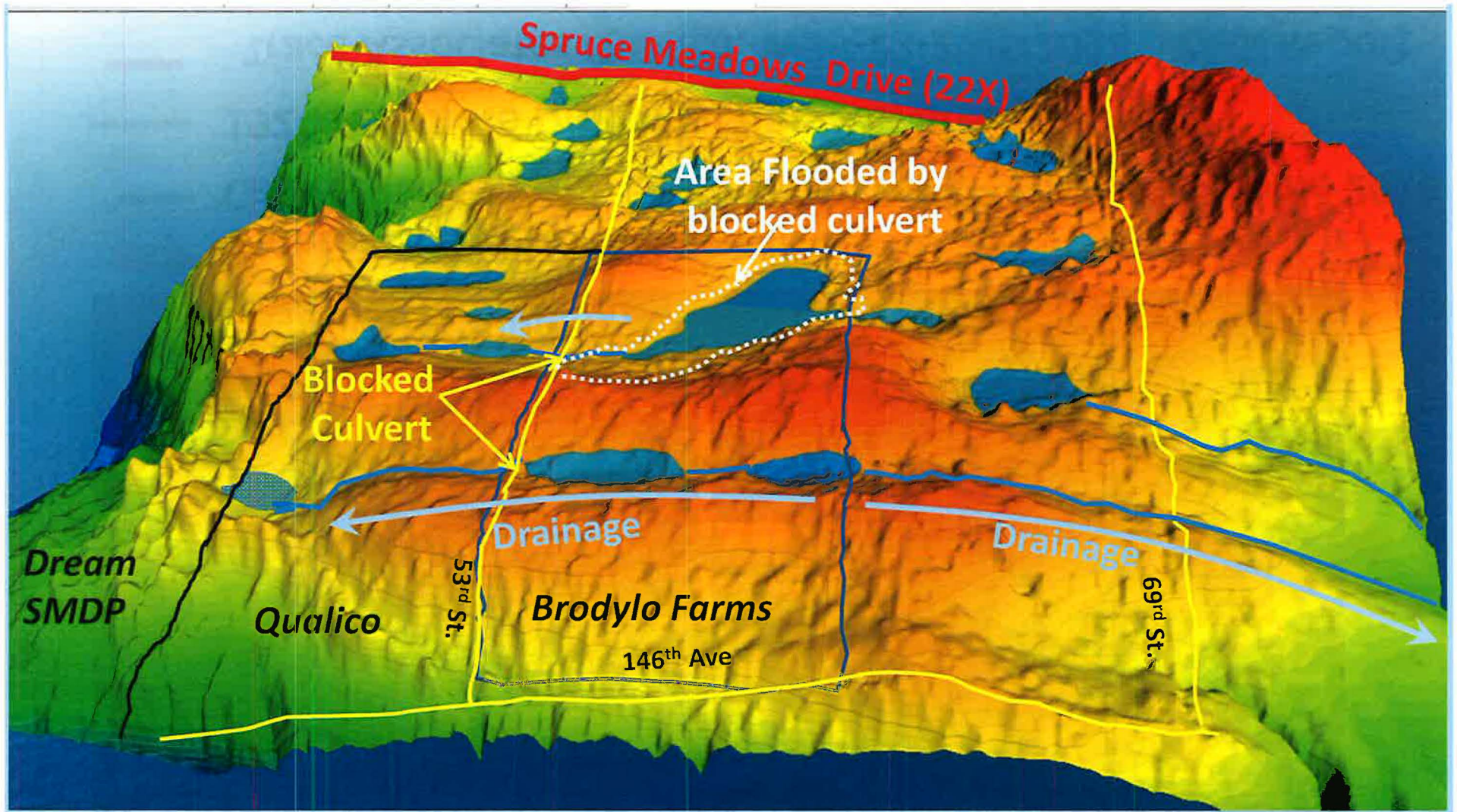


1924 Air photo Drainage, Burgess/Brodylo Farms



Trace Associates Qualico, W35-22-2W5 2018 WAIR Report





3-D color hillshade rendering of surface topography showing the current wetlands and drainage courses that are interconnected with the Dream development application



**Thank You For Listening:  
Do You Have Any QUESTIONS?**



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