

**CLAIR-MALTBY TECHNICAL ADVISORY GROUP  
THURSDAY, MAY 18, 2017 AT 6:30 P.M.**

**CITY HALL MEETING ROOM C  
MINUTES**

- Present:** Jason Elliott, Karen Chisholme, Phil James, Astrid Clos, Angela Kroetsch, Hugh Handy, Dave Stephenson, Ian Weir, Hugh Whiteley, Charles Cecile, Mike Gregory, Bill Banks, Rajan Philips, Patty Quackenbush
- Regrets:** Richard Puccini
- City:** Arun Hindupur (Chair), Stacey Laughlin, Melissa Aldunate, Abby Watts
- Consultant:** Ron Scheckenberger, Andre Poirer, Paul Sarjeant

1. **Introductions (6:30-6:35)**
2. **Approval of February 7, 2017 TAG Minutes (6:35-6:40)**
  - Capture that written comments were submitted after meeting for those matters that could not be discussed
3. **Current Status of Comprehensive Environmental Impact Study (CEIS) (6:40-6:45)**
  - **Noted that 2017 field program underway in accordance with approved work plan**
4. **Stormwater Management Work Plan (6:45-7:00)**

Comments from TAG:

- Work plan doesn't include information about the soil's capability to infiltrate. We don't want to end up with infiltration targets that can't be met. Consultant responded that this information is part of the baseline studies which will come out of the CEIS and relate back to the site design
- preliminary grading plan/functional grades- determine how some of the unique topography will be maintained- attention to form and placement of SWM while looking at the grading around it
- The 7 year build-out should be consistent with the 4 year phasing of the other plans
- Links to CEIS are not continued throughout the work plan. It would be helpful to link work plans

- Use CVC/TRCA water balance assessment tool or similar type of tool as a guiding document
- Feature based water balance based on selected features. Features have to be large enough to be put into the model
- Discussion about land access and quality of coverage. Consultant confirmed that they have coverage of the good features and other means. Haven't stopped trying to get access
- Water Resources Act gives the Ministry the right to access property
- Some property owners in the study area have initiated groundwater monitoring and this information is to be shared with the City
- Discussion about the Greenway system north of Clair Road (Clairfields). Additional land development putting more pressure on an already overloaded system. No obvious overland discharge points. Important to know what the flow rate is.
- Difficulty with recharge amounts and recharge quality. Ground water measurements were made in the 1990s. Include some areas north of Clair Road and establish the changes in water quality
- Request to consider CM as the first deliberately closed SWM system in Ontario- ex. Virginia, first closed loop return flows. Technology is current and feasible and provides a solution to the overflow and deals with the SWM system
- Discussion about the work plan being a common style in Ontario
- Opportunity to provide written comments within the next week
- A holistic approach of water management as a principle should be mentioned in the work plan
- SWM both grey and green to reflect the natural features of the area
- Integration between work plans should be clearly stated
- Discussion about the language used by the Province around green infrastructure
- Source water protection and possible compensation, ways to off-set other areas of the City
- Public or private SWM systems- ways to mitigate life cycle costs
- Embrace an integrated one water system approach

## 5. **Water/Wastewater Servicing Work Plan (7:00-7:40)**

The following comments were offered by TAG:

- Identify what infrastructure is needed to occur prior to each stage of development to occur instead of specific dates
- PQ - proposed infrastructure as part of the Master Plan should be undertaken as Approach 2 of the Master Plan- intent for all proposed projects to proceed to detailed design or likely for select projects?
- The City's water/wastewater Servicing Master Plan is outdated (2007). There are other initiatives that should be referenced for this task.
- Zone 3 is now active
- Water/wastewater master plan recommendation, investigate alternatives. This should be part of the work plan, for example purple pipe system
- Example from California- direct and indirect potable use manual
- Smaller scale system within a community, could be stormwater based

- There are good examples of wastewater decentralized systems
- Opportunity to do something bold and innovative and be a leader
- AC- reference to future equalization storage (sanitary) in the CM area- where they are located. Arun explained this was for other developments outside the secondary plan area.
- Opportunity to look at actual flows instead of the MOE flows. City confirmed that the study is monitoring real time data and will be able to determine what type of flow generating per capita
- Figures for water and wastewater infrastructure are from the model supplied by the City of Guelph and include some of the planned infrastructure in grey lines. Through this study, new infrastructure related to the linear network and vertical infrastructure locations will be identified, for clarity the planned infrastructure (grey lines) in model generated figures should be removed
- Reminder about the existing Maltby-Southgate pumping station

#### **6. Mobility Work Plan (7:40-8:20)**

- charging stations, does this fall into this study? Depends where the charging stations are- will spend some time looking at appropriate commercial development- should be looked at a city wide level not just in the community- more incentives than requirements at this point but should be discussed in context
- Kortright Hills road system developed to preserve the topography. It will be a lot of work to get a functional collector road in that respects the topography
- Should be in contact with MTO regarding the lower Hanlon Expressway EA that extends up to Maltby. May be planning to close Maltby Road
- Is there consideration for where people in this area will be driving to? Review of the Transportation Tomorrow Survey origin and destination data
- Consider the effect on roads in Puslinch Township
- Discussion about proposed growth forecasts. City confirmed that the vision and structure will be developed first and then population forecasts will be estimated. This information will be available before the study is finalized. Starting from minimum target established through the Growth Plan
- Note that no population target for the City as approved by Council, only projections established through Places to Grow
- Clarity as to how far the study will go in relation to off road trails, ensure coordination with staff and ongoing projects (Parks Trail Plan)
- SWM considerations, work plan should be coordinated with the CEIS
- Ensure that there isn't a hierarchy of studies, everything is balanced. Study structure to have continuous feedback loops
- Not clear how the independent work plans are linked. It would be helpful to have a graphic to show the inputs
- Input basic zones into modelling
- Focus on transit, development will have to happen in ways to create appropriate walking distances
- Recognition that it may not be possible to completely maintain the landform in order to develop, no report should be finalized until the end of the study. Start with constraints and work from there
- Disciplines should be integrated, make sure that the work plans speak to this

- Where does road ecology fit and how is that accounted for in the mobility plan
- Discussion about the City's Official Plan and how the Secondary Plan will amend the Official Plan
- Integration between the studies related to NHS and SWM. City of Kitchener is an example of this

**7. Next Steps/Wrap Up (8:20-8:30)**

- All inputs on work plans will help to finalize Staff Report to Council
- Third TAG meeting to be scheduled in the fall (September)
- Phase 1 report going to Council on July 4, 2017. Council to endorse the vision and principles