Pumping Station Location Assessment

North Site 1: Southwest Corner of Birch Avenue and Burlington Street – Recommended North Location
Description: • The pumping station would be located to the northwest of Bridge 330. The site would be approximately 15 m by 20 m in size. A driveway would be required from Birch Avenue for maintenance staff to access the pumping station. • The pumping station would be setback from the road and would require property acquisition from the adjacent parcel. The land is currently manicured lawn and fauna and is approximately 80 metres from the business that occupies the land. The site is outside of the hydro corridor. • Would require purchasing property at 680 Burlington Street East. • Maintenance costs would be comparable to the other locations. • No impacts to surface water or aquatic habitat. • Located outside of regulated areas, but is in close proximity to lands regulated by the Hamilton Conservation Authority. • Potential impact to the tree canopy, however this may be mitigated during detailed design. • Minimal impact to manicured laws. • No impacts to significant wildlife/vegetation communities. • No species at risk identified in the area. • Minimal impact of noise and air quality on nearby sensitive receptors; site is setback from nearby businesses. • Minimal impact to cultural heritage resources. Would require driveway to travel across the former Hamilton Electric Radial corridor. • No impacts to archaeological sites. • Construction may require temporary lane closures at/near the intersection. • Property would be required from 680 Burlington Street East. The polygon of land required is vacant and a significant distance from the rest of the business’s operations. • Recommended north location.

North Site 2: Southeast Corner of Birch Avenue and Burlington Street
Description: • The pumping station would be located in close proximity to Bridge 330. The site would be approximately 15 m by 20 m in size. A driveway would be required from Birch Avenue for maintenance staff to access the pumping station. • The site is on City-owned land and contains impacted materials. The site would be outside of the hydro corridor. • Impacted materials at the site is a significant risk to constructing a pumping station. • Removed from consideration.

South Site 1: South End of Hydro Corridor
Description: • The pumping station would be located to the north-west of Bridge 332, within the hydro corridor. The site would be approximately 12 m by 15 m in size. The site may have minor impacts to the adjacent dog park. • The site would require an easement from Hydro One to allow the driveway to be built to access the station by maintenance staff and to construct the building. Hydro One’s policy does not allow permanent structures to be built within their corridors. • Hydro One does not permit the construction of permanent structures within their corridors. • Removed from consideration.

South Site 2: Birch Avenue Dog Park
Description: • The pumping station would be located in the south-east corner of the Birch Avenue dog park. The site would be approximately 12 m by 15 m in size. • The site would have direct impacts on the park. It would require an easement for a driveway to be built from Birch Avenue across the hydro corridor to allow maintenance staff to access the station and mitigate further impacts to the park. • No land purchase is required. Remediation of the lands may be required. • Maintenance costs would be comparable to the other locations. • No impacts to surface water or aquatic habitat. • Not within a regulated area. • Moderate impact to tree canopy due to construction of the station and access road. • Access road would have minimal impacts on CUM1-1 vegetation community. • No impacts to significant wildlife/vegetation. • No species at risk identified in the area. • Moderate impact of noise and air quality on nearby sensitive receptors; site is in a park and close to a residential area. • Minimal impact to cultural heritage resources. Would require driveway to travel across the former Hamilton Electric Radial corridor. • No impacts to archaeological sites. • Construction may require closing all or part of the dog park for a period of time. • Would require reallocating space in the City-owned Dog Park. Given the limited amount of park space in the study area, this would have a significant impact on the local community. • Viable location but not recommended.

South Site 3: Public Works Facility Parking Lot – Recommended South Location
Description: • The pumping station would be located on the parking lot adjacent to the Public Works facility. The site would be approximately 12 m by 15 m in size. • The land is owned by the City and is used for parking by staff and visitors to the dog park. The site is outside of the hydro corridor. • No land purchase is required. • Maintenance costs would be comparable to the other locations. • No impacts to surface water or aquatic habitat. • Not within a regulated area. • No impacts to significant wildlife/vegetation communities. • No species at risk identified in the area. • Moderate impact of noise and air quality on nearby sensitive receptors; site is near park and close to a City facility. • No impacts to cultural heritage resources. • No impacts to archaeological sites. • Construction may require closing all of part of the parking lot and may impact access into the Public Works Facility. • City-owned property; minimal impacts are anticipated. Additional parking may be required elsewhere at the Public Works Facility to offset the loss. • Recommended south location.