

Public Improvements Committee Meeting

October 07, 2013

RE: Saddler Beach Stormwater System Review

Attendees: Clete Miller; Chair, David Tadych, Steve Lee, Paul Koomar, Gary Ebert, Jim Sears, Karen Lieske, and property Owners (aka, Saddler Beach Property Owners); Dick Majewski, Doug Borchert, Ruth Ann, Bob, Lauren, and a few others who were not introduced,

Minutes taken by: C.Miller

The Public Improvements Committee met onsite at approximately 29800 Lake Rd in Bay Village to observe the present conditions and further discuss the property owned in fractional interest by several residents. Mr. Miller lead the review of conditions and discussed possible subsurface conditions suggested to be the cause of beach wall erosion, loss of private beach use due to stormwater drainage pipe location, and pipe headwall being placed upon their property without known approval by property owners, deterioration of sub-surface pipe, and need for formal utility easement on property for future access by City. Law Director Ebert has forwarded the utility easement description to the SBPO's attorney, and awaits formal response from SBPO.

Doug referenced a map from approximately 1971 which he noted with highlighter as known and assumed existing stormwater systems. Red highlighted as an old sewer which crosses current stormwater, Yellow highlighted is current storm system. Green highlight was noted as original plot of pipe which was not placed. The western stormwater outlet pipe is of unknown origin conducting water of unknown origin. Jim Sears mentioned that possibly the western pipe leads to a cistern; location and ownership of cistern is unknown.

SBPO was provided a copy of video made of stormwater system investigation performed at the request of City of Bay Village Service Department. Doug forwarded this video to a professional engineer, who in turn, replied with an engineering evaluation report.

The video taken of the western pipe indicates that at approximately 122 ft of distance, the pipe contains material blocking further exploration by the camera-bot. The Eastern pipe is clear and conducts stormwater from known basins and manhole access points.

SBPO suggested their beach wall is drifting northwest and has dropped in elevation over time since stormwater head wall added in two projects. SBPO suggests if the stormwater system was corrected would want single outlet at beach instead of two large pipes. SBPO noted, in summer of approximately 1972 the Murray's (neighboring property to west of Saddler Beach) conducted a project of infilling land and constructing a retaining wall. The infill has evidently disrupted the breakwall and pushed it north into the lake. The concrete wash which supports the plastic drainpipes was constructed in approximately 1980s. Murrays also placed the breakwall near the shoreline, and it is unclear whether the SBPO approved placement, or if City was notified; further investigation is required. The former intermittent waterway (now filled in by soil), flanked by Murray's block wall and drain lines, is of unknown origin. Jim noted dye test showed nothing to west pipe.

The SBPO recollected about no action to owner's concerns when brought to city attention (date unknown) but no action to alter existing conditions. Doug mentioned he has viewed historic maps showing former creek in description.

Jim knows of no other similar projects which would have provided either pipe. Dick noted that Bay High students conducted senior projects in the 1990s to study the outflow at both pipes. Some bacteria Ecoli Bacteria was found and determined by EPA as that which is residue from Raccoons nesting within pipes. More recently, the EPA stated the outflow from the western pipe is clean. The eastern neighbor, Pulcheskas (sp?) recent project designed around the existing outflow condition.

A Civil Engineering firm, R.E. Warner, performed a study prior to the 2005 Bassett Rd improvements to see if these existing pipes could handle additional outflow, but no tie in was available for the western pipe. In approximately 1970-71, a stormwater project discussed during planning commission meeting is recorded for this area but no follow up is evident or known.

Doug noted to a private conversation between Bill and Luther Saddler, were Bill told Luther saddler city was placing lines, without an agreement or easement; this conversation cannot be substantiated at this time. Doug also referred Mr. Miller to review the 1904 plat map of Saddler Subdivision No.1, for notation of subsurface utility, multiple plots and then later maps showing combination of plots; dates of change of plots is unknown. Referenced plot is No. 20201005 currently, previous map note as lot 41 then after work done this plot was include in lot 5 description, again without substantiation of cause or by whom.

At conclusion of this meeting, Chairman Miller noted to the group, he will further discuss present situation of Saddler Beach and stormwater systems with members of Law and Service Departments, and Committee Members. No follow-up meeting regarding this topic has been scheduled.