

IO3 Project Narrative

This IO3 project is similar to a CSO project in that it involves construction of a large (1.8 MG) buried tank for purposes of temporarily storing combined sanitary and storm runoff during a storm event. For CSO projects, the temporary storage provided by the tank prevents a river discharge of combined sewage.

For interceptor protection projects such as this one and the recently permitted IO4 (Bosch lot) tank, there is no direct river discharge in a storm event but rather the proposed temporary storage provided by the tank prevents surcharging of the interceptor (which threatens the integrity of the pipe) and permits downstream CSO tanks to be smaller.

As with all CSO and interceptor protection tanks, the location was chosen due to its proximity to the interceptor (in this case) or river (in other cases) and available land in as unobtrusive of a location as possible.

The precise dimensions of this tank are being worked out but preliminarily are in the range of 180' long x 100' wide. Associated with this tank are pumps and piping required to divert water from the interceptor, temporarily store it in the proposed tank and then pipe it back to the interceptor. The precise routing of the piping from the proposed tank back to the interceptor has not been finalized. Three alternatives are under consideration and are shown in the attached three exhibits.