Community Meeting Presentation
10-27-15

Combined Sewer Overflow (CSO) Reduction Project

CSO 12/Pettet Drive
&
Interceptor IO3
at Buckeye/Nettleton

Combined Sewage Overflow Reduction

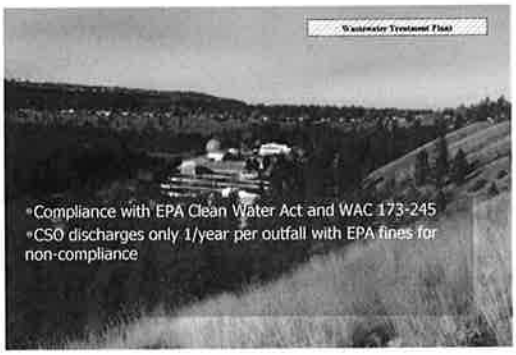
- Two types of sewer systems
  - Combined storm & sanitary
  - Separate storm & sanitary
    - Storm sewer (i.e. rainwater) discharges to river
    - Sanitary discharges to treatment plant
    - Very expensive to convert a combined system to a separated system
  - Spokane has both types of systems

Combined Sewer System

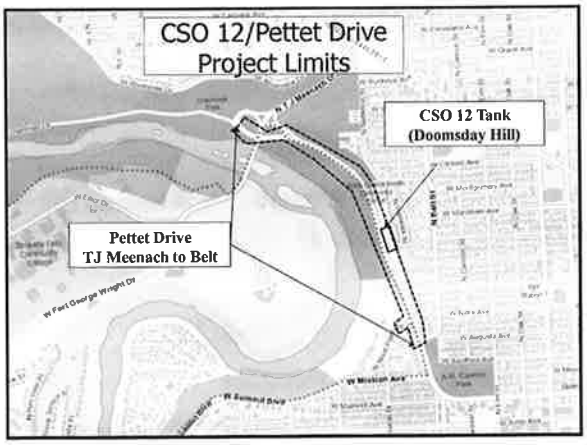
Combined Sewer Information

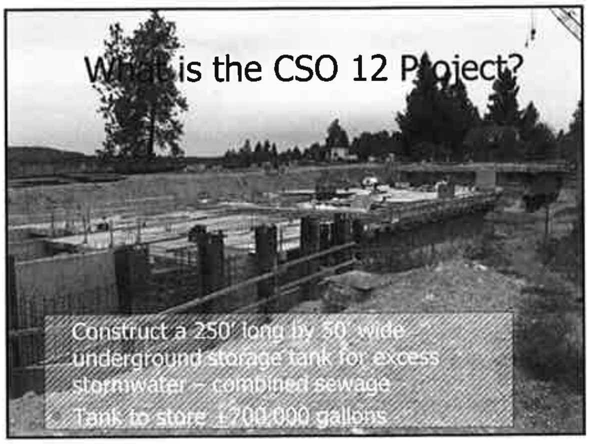
- Combined Sanitary & stormwater into the same pipe
- Combined sewage overwhelms combined sewers and the treatment plant during a storm
- To protect both, excess sewage is intentionally discharged to the river

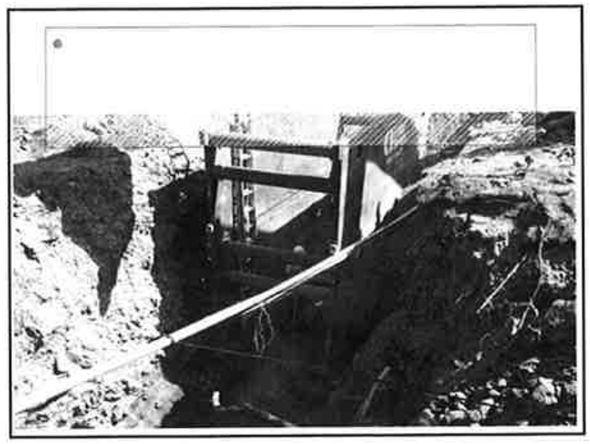
Why build a CSO Tank?

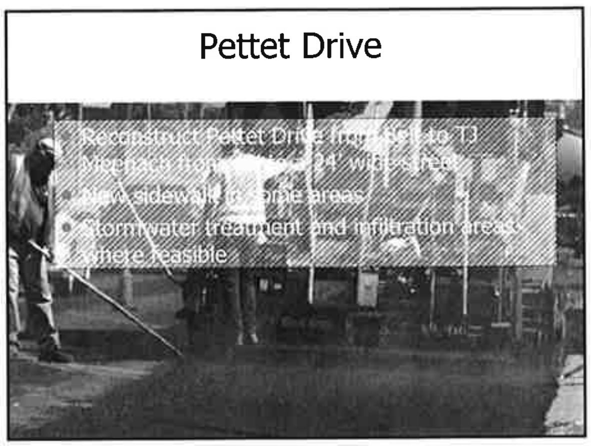


CSO 12/Pettet Drive Project Limits

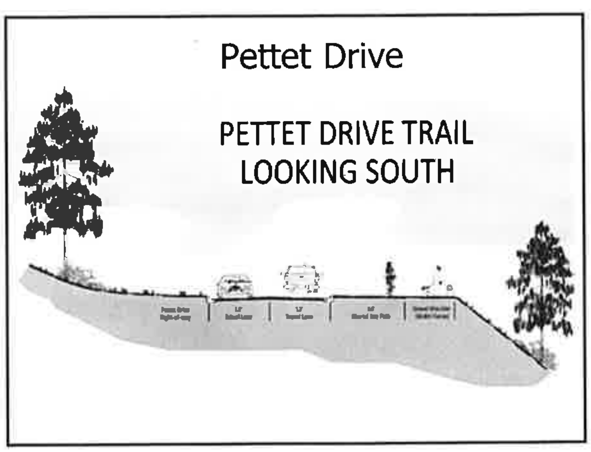


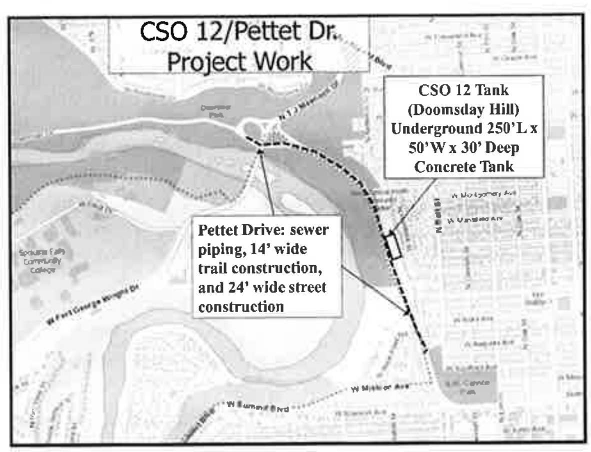

What is the CSO 12 Project?
Construct a 250' long by 50' wide underground storage tank for excess stormwater – combined sewage
Tank to store ±700,000 gallons




Pettet Drive
New sidewalk in some areas
Stormwater treatment and infiltration areas where feasible


NEW 14' SHARED USE PATH, INCLUDING TRAILHEAD AMENITIES, CONSTRUCTED AS PART OF THE PETTET DRIVE PROJECT
PETTET DRIVE TRAIL LOOKING SOUTH

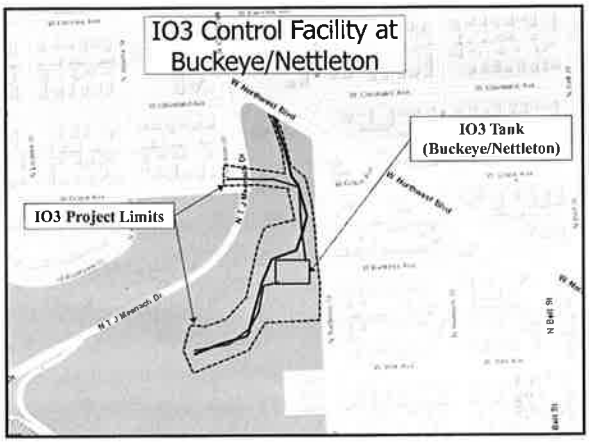

Pettet Drive
PETTET DRIVE TRAIL
LOOKING SOUTH

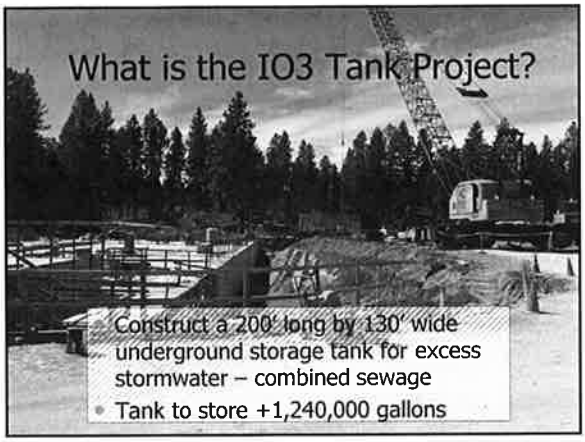

CSO 12/Pettet Dr.
Project Work
CSO 12 Tank
(Doomsday Hill)
Underground 250'L x 50'W x 30' Deep Concrete Tank
Pettet Drive: sewer piping, 14' wide trail construction, and 24' wide street construction
W Fort George Wright Dr
W Mission Ave
W Boone Ave

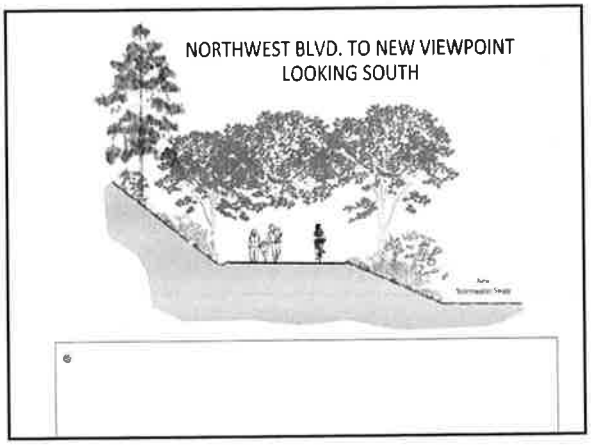
CSO 12 and Pettet Drive Construction Schedule

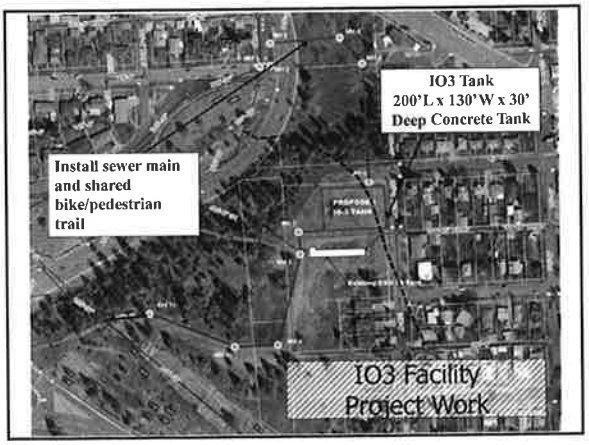
- 10 - 12 month duration (entire project)
- Beginning Spring 2016
  - Anticipated start in March 2016
- CSO 12 Tank to start first
- Pettet Drive construction to start following Bloomsday - May 1, 2016

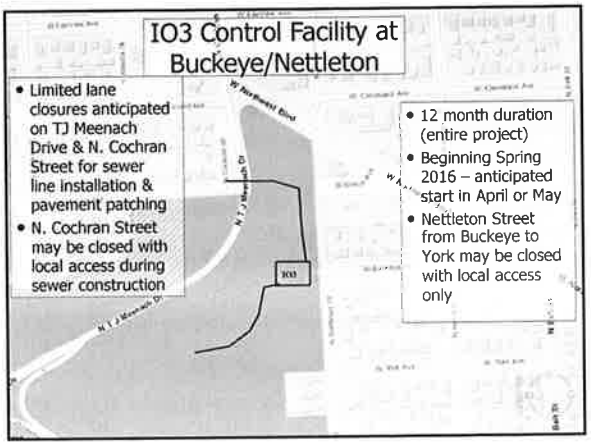
Traffic Detour During Pettet Dr. Construction

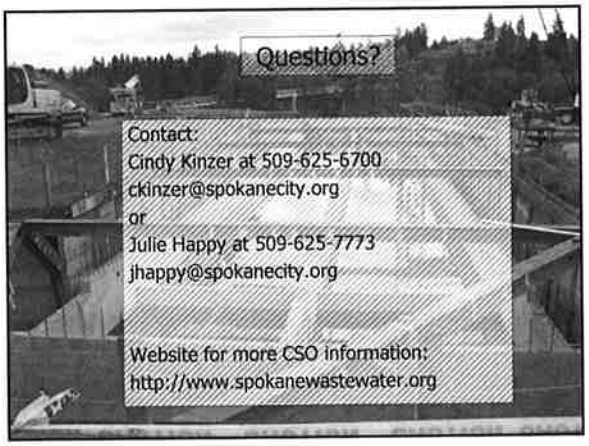





NORTHWEST BLVD. TO NEW VIEWPOINT
LOOKING SOUTH


IO3 Tank
200'L x 130'W x 30'
Deep Concrete Tank
Install sewer main and shared bike/pedestrian trail
IO3 Facility Project Work


IO3 Control Facility at Buckeye/Nettleton
• Limited lane closures anticipated on TJ Meenach Drive & N. Cochran Street for sewer line installation & pavement patching
• N. Cochran Street may be closed with local access during sewer construction
• 12 month duration (entire project)
• Beginning Spring 2016 – anticipated start in April or May
• Nettleton Street from Buckeye to York may be closed with local access only
IO3


Questions?
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