## **SPSRW-xx, Impervious Dike**

Version Date: 02/03/2017 Revision Date: MM/DD/YYY by XXX

### Description

The Contractor shall construct an impervious dike in such a manner as approved by the Engineer, including, but not limited to furnishing materials, construction, maintenance, and removal of an impervious dike for the purpose of preventing normal stream flow and dewatering a stream segment for construction operations. The impervious dike shall not permit seepage of water into the construction site.

### Submittals

Prior to construction, the Contractor shall submit a detail illustrating the component materials and dimensions of the impervious dike. The impervious dike shall impound water to a depth range as shown on the impervious dike detail and shall minimize erosion and discharge of sediment in the event of overtopping.

### Methods

The impervious dike shall be constructed in locations as directed by the Engineer.  Establish and maintain temporary drainage ditches and other diversions outside excavation limits to convey rain water and water removed from excavation to collecting or run-off areas.  Do not use trench excavations as temporary drainage ditches.

The intake for the drain mechanism upstream of the impervious dike should be located near the top of the water column unless otherwise specified by the City. Water removed from the pond or excavated project site shall pass through a special stilling basin to be located upstream of the receiving stream unless otherwise noted.

### Measurement

Impervious dike will be measured as the actual number of linear feet of impervious dike(s) constructed, measured in place at the top of the structure from end to end along the centerline of each separate installation that has been completed and accepted.

### Payment

The payment will be considered as full compensation for all work covered in this special provision, including, but not limited to furnishing all labor materials, construction, maintenance, and removal of the impervious dike.

The costs for special stilling basins will not be measured under this section, but will be measured in accordance with the *Special Stilling Basin* Special Provision.

Payment will be made under:

**Impervious Dike……………………………….……………………………................................................................................LF**