

INLET WATER LEVEL CONTROL STRUCTURE™ INSTALLATION INSTRUCTIONS

- Important!** —To minimize seepage, align stoplogs firmly against one side of the stoplog track.
- Stoplogs must remain in track during structure installation.
 - Structures are intended for gravity flow: Low pressure and some seepage may occur.

1.) EXCAVATION AND GRADING

The structure base and the outlet pipe must be set on firm, flat surfaces of compacted soil or concrete pad to provide a solid, stable base. This will reduce settling and reduce stress or misalignment of pipe connections.

2.) PIPE CONNECTION

Remove black tape from the outlet flex coupler, exposing the stainless steel clamps. The flex coupler must be placed directly over the outside diameter of the pipe, then secured by tightening the stainless steel clamps, as shown in the illustration.

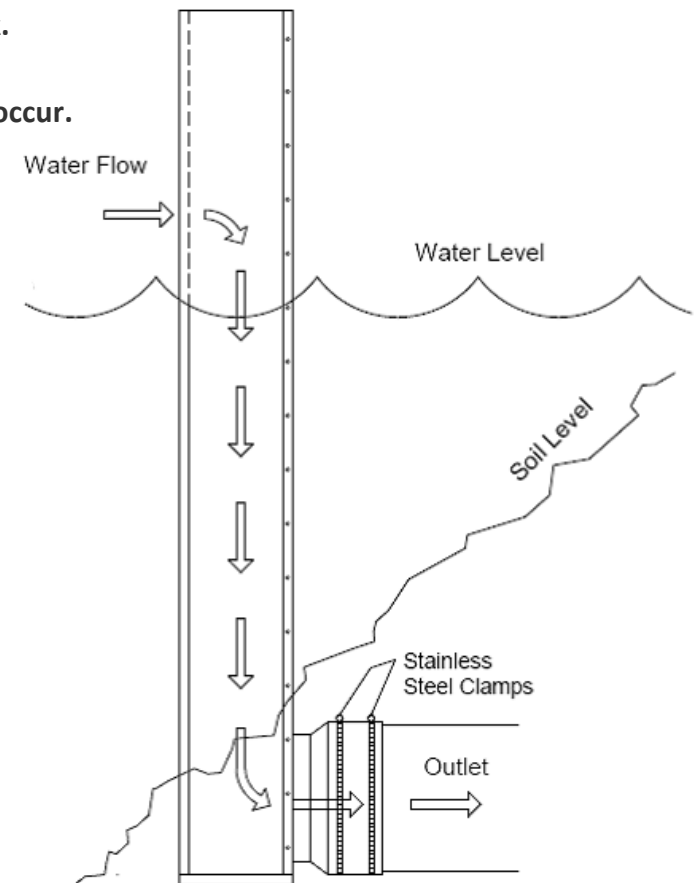
3.) BACKFILL AND COMPACTION

Level structure vertically before permanently anchoring. Backfill around control structure by hand in 6" lifts. This structure must be anchored down when installed or it may have a tendency to float. Hand tamp only - **do not** mechanically compact. **Do not** use a backhoe or blade to place backfill directly against the water control structure.

- Seal on stoplog faces downstream/outlet side of structure.

Excessive compaction may cause structural damage or failure.

- ◆ Inlet structure **MUST** be anchored down.
- ◆ Either the inlet or inline structure may be used for primary or secondary outlet, with larger pipe or emergency spillway as primary.
- ◆ Inlet structure removes surface water.
- ◆ The outlet end of the structure should be protected with a rodent guard.



Agri Drain
CORPORATION

**1462 340th Street
Adair, Iowa 50002
P: 800-232-4742
F: 800-282-3353
www.agridrain.com
info@agridrain.com**

— Since 1976 —