

**FIELD DRAIN TILE PERMIT CHECKLIST**  
**(Attach to permit application)**

Landowner name: \_\_\_\_\_

Designer / Installer name: \_\_\_\_\_

Contact phone number/address: \_\_\_\_\_

Tiled water will outlet into: \_\_\_\_\_

(Twp-County-State road ditch / coulee / river / legal ditch & what # / other-explain)

Will tiled water flow to a legal ditch system: Y or N

Is land in ditch Benefited Area: Y or N

How many acres will be tiled: \_\_\_\_\_

What is the drainage coefficient: \_\_\_\_\_

Tile spacing in field: \_\_\_\_\_

Lift station pump capacity (**gallons per minute**): \_\_\_\_\_

Lift station pump horsepower: \_\_\_\_\_

Is the pump a Variable Frequency Drive (VFD): Y or N

If an outlet pipe under a road or spoil is utilized, what is the pipe size: \_\_\_\_\_

Size of immediate upstream culvert(s) from tile outlet: \_\_\_\_\_

Size of immediate downstream culvert(s) from tile outlet: \_\_\_\_\_

Is the land to be tiled already irrigated or is irrigation planned: \_\_\_\_\_

Attach a detailed map showing tile course & outlet course.

**Applicant must inform and attempt to obtain affirming signatures of affected neighboring landowners.** *(A signature from an affected landowner is preferred, but not necessary for the Managers to review the permit application.)*

- Unless permitted, a **3" separation is required** between the pump outlet pipe and the underground horizontal outlet pipe, to prevent forced pumping of water into the ditch
- The inlet for the underground horizontal outlet **pipe can't be higher than 6" above natural ground.** This elevation must be measured in the field, away from a road or ditch berm
- Tile outlet must be protected from erosion (rip rapped or other mechanical means)
- Tile outlet must be visibly marked to facilitate Right of Way mowing and safety
- Tile outlet installed thru a spoil bank must be reviewed and approved by the District
- Outlet pumps must be turned off during downstream flood events or during freezing conditions
- Outlet pumps and equipment must be outside of road and/or ditch Right of Way
- **Permitting by other local and state agencies may be required**

**Signature of Permit Applicant** \_\_\_\_\_