

FIELD DRAIN TILE PERMIT CHECKLIST
(Attach to permit application)

Applicant to fill out

Designer name: _____

Installer name: _____

Contact phone number/address: _____

Tiled water will outlet into: _____

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

Are there culverts downstream before the section corner such as a field crossing or a farmyard crossing? Is there a road centerline culvert which allows water in or out of the section? If so state if circular, arch, or box culverts & dimensions: _____

Size of downstream culvert at the section corner: _____

Size of upstream culvert at the section corner: _____

Lift station pump capacity (**gallons per minute**): _____

Lift station pump horsepower: _____

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

What is the drainage coefficient: _____

Size of field: _____ How many acres will be tiled in field: _____

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

Tile spacing in field: _____

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

Attach a detailed map showing field course & ditch/channel 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.)

- ▶ 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
- ▶ Elevation of outlet into legal ditch system must be reviewed & approved by the District
- ▶ Tile outlet installed thru a spoil bank must be reviewed and approved by the District
- ▶ Lift station pumps must be turned off during downstream flood events
- ▶ Lift station pumps must be off when downstream culverts may or could be frozen
- ▶ Lift station pumps and equipment must be outside of road and/or ditch ROW

▶ **Permitting by other agencies may be required. All MSTRWD permits are contingent upon applicant obtaining permits, if needed, from other agencies.** (Ex: NRCS, SWCD, Township, County, State, etc.) **The US Army Corps of Engineers has stated a permit is required.** The applicant must determine which agencies need to be contacted.

Signature of Permit Applicant _____

MSTRWD staff use:

Permit # _____ Date received: _____

Drain tile outlets to: _____

Legal system B.A.: _____

Adequate outlet: _____