Alternative Intakes

Benefits:

- Convenient
- Cleaner water
- Reduces soil loss
- Eliminates suction voids
- Eliminates crop residue in tile line

Materials:
- 5-inch minimum diameter perforated tile
- 5-inch diameter muck pipe with 5/8-inch holes and an outer sock
- T-connector, 5” to __________
- 4 cubic yards pea rock (1/4” to 3/4” diameter)

Earth Work:
- Excavate 2’-3’ wide by 15’ long by 3’-4’ deep (depth to existing tile)

Note:
- Design adapted from Morreim drainage, Freeborn County