

REGIONAL PURDUE AGRICULTURAL CENTERS (PACs)

Bodies of Water & Ditches

Updated: October 18, 2011

Davis-PAC

- Central part of DPAC
 - Two ponds with total acreage of $\frac{3}{4}$ of an acre.
 - Two constructed wetlands with a total acreage of $1 \frac{1}{2}$ acres.
 - Two natural wetlands in the south woods with a total acreage of approximately $1 \frac{1}{2}$ acres
 - An open ditch (Elkhorn Creek runs through the SE corner of the central part of DPAC for a distance of approximately 1620 ft. Field tile, the pond overflow tile and facility drains and gutter outlets flow into the constructed wetland which in turn discharges into Elkhorn Creek.
 - The rest of the water from tile drains on the central part of the farm and flows into an assortment of county tiles.
- South fields
 - There are no open ditches or wetlands in the south fields but water from the tile drains feed into the Elkhorn Creek.
- North fields
 - There are no open ditches or wetlands in the north fields but the water from the tile drains feeds into the Martha Davis Ditch which is a county tile drain. The Martha Davis Ditch becomes an open ditch about $\frac{3}{4}$ of a mile from the north fields.

Feldun-PAC

- Two ponds with other “dry” sink hole areas.
- Creek through the Dark Hollow quarry area
- Small creeks at the two rental farms

Pinney-PAC

- Wetland – continuous body of water year round: 1.5 acres
- Grieger Ditch – county ditch, scheduled to be cleaned, 1+ mile long, 15+ width
- Open Spur Ditches – Field G runs east west along the south end 1,900 ft, Field J runs east west 1,000’ with two 400’ ditches running north-south.

Northeast-PAC

- Kyler Farm
 - 3.5 acres of constructed wetland on the northwest edge of Field K811 with open water ranging from 0.2 acres to 1.25 acres depending on rainfall.
 - 0.17 acres designated wetland along the northeast edge of Field K12.
- Lawrence Farm
 - 3,150 feet of open ditch (Gangwer Ditch) separates field L8 from the other fields on the farm. It always has water flowing in it.
 - 745 feet of open ditch flowing into the Gangwer Ditch along the southwest edge of field L8. It always has water flowing in it.
- Schrader Farm
 - 2,715 feet of open ditch (Gangwer Ditch) which forms the north property line of the Schrader Farm. It always has water flowing in it.
 - 0.32 acre pond east of the grain bins.
 - 1.6 acres designated wetland by NRCS in the southeast corner of the Schrader Farm. Does not hold water but flows only after heavy rains.

Southern Indiana-PAC

- 19 on-farm ponds.
- One creek/stream that runs through the farm.
- Some of the ground in Field 4 may be considered wetlands.
- Some drainage on east side of farm goes into Patoka Reservoir.

Southwest-PAC

- SWPAC has an open ditch that runs through the middle of the farm that is approximately 3,000 ft.
- Another open ditch on the south border of the property line approximately 1,500 ft.
- Neither one of these ditches is constantly flowing water; they will dry up during periods of dry weather.
- Wabash River just to the west of SWPAC.

Southeast-PAC

- Muscatatuck River - 4.3 miles
- Brush Creek - 1.9 miles
- Pleasant Run Creek - 1.8 miles
- Wetland V - 0.1 acre
- Wetland K - 0.75 acre
- Wetland A - 1.25 acres
- Wetland D - 1.0 acre

Throckmorton-PAC

- An open ditch flows through the east side of the “main” farm.
- 8-9 pool acres of mitigated wetlands at Meigs “North” Farm.
- Wea Creek flows through the 80 acre tract that is part of the Meigs “South” Farm.

Mary S. Rice Farm

- Williams Arm of the Tuesburg Ditch – 1.0 mile long & 15-20 feet wide - splits the main 640 acre section. Retains water year round.
- Spur Ditches: $\frac{3}{4}$ -mile long, occupying acreage in the west 320 acre section, mostly running north and south. $\frac{1}{4}$ -mile long, occupying acreage in the west 320 acre section, running east and west.
- A $\frac{1}{2}$ -mile and a separate $\frac{1}{4}$ -mile long ditch, occupying acreage in the east 320 acre section running east and west. A $\frac{1}{2}$ -mile long ditch running north and south in the east 160 acre section.
- Only the Williams Arm of the Tuesburg Ditch retains water year round. The spur ditches may not always have water in them at certain periods of the year.