



Canyon Soil Conservation District Boundary

Clay Erskine, Chairman

Chris Gross, Vice Chairman

Brad McIntyre, Sec/Treas

Alex Villafana, Supervisor

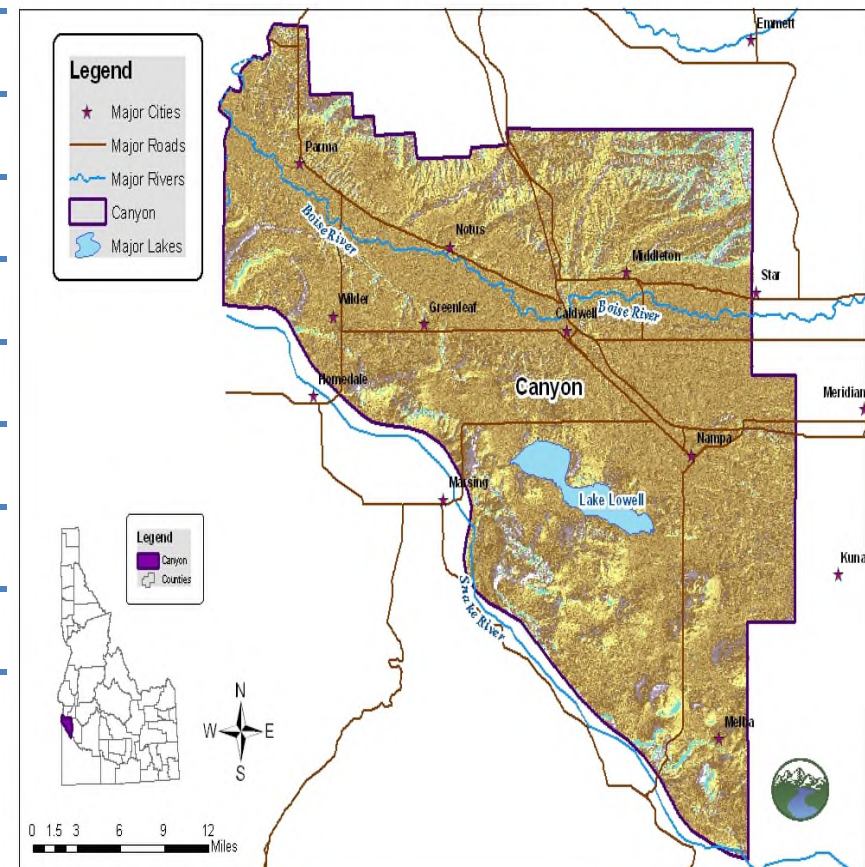
Tyson Meeks, Supervisor

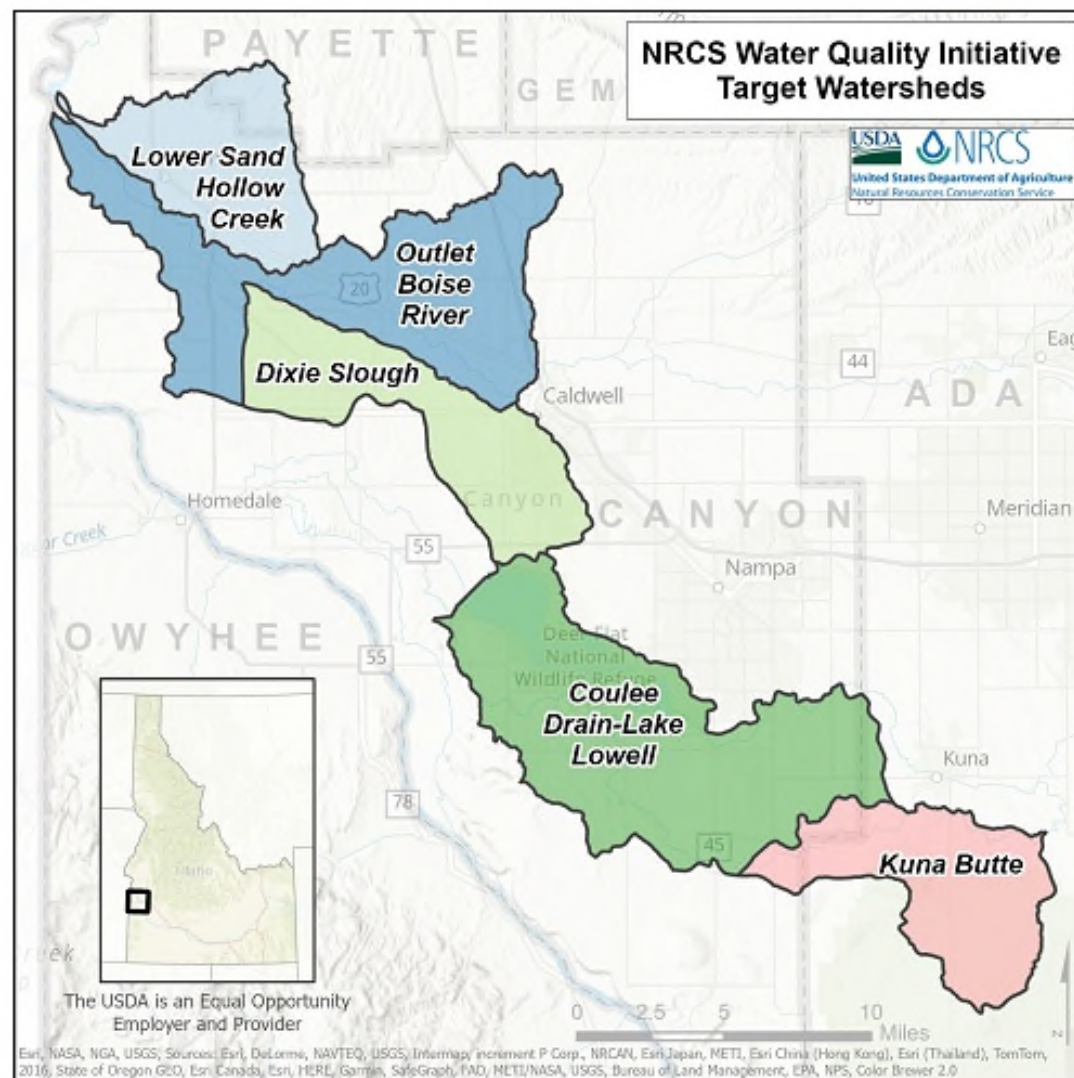
Bob McKellip – Assoc Supervisor

Rich Sims – Assoc Supervisor

Mike Swarts – Assoc Supervisor

Rex Runkle – Assoc Supervisor





Partnerships

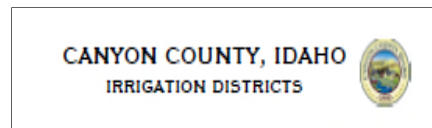


USDA Natural Resources
Conservation Service



Idaho District
Employee Association

Partnerships (con't)



Deer Flat National Wildlife Refuge



PARTNERS FOR CLEAN WATER



Canyon No-Till Drill Program

- 3 Drills
 - 15 ft John Deer No Till Drill (Ada Co)
 - 12 ft Great Plains Drill(2020)
 - 6 ft Great Plains Drill (2024) for small acreages in-between orchards & Grape Fields

Available to lease for
\$15/Acre





- **No-Till drill
planting cover crops
in standing corn
residue.**

- **1,200 Acres in 2024**

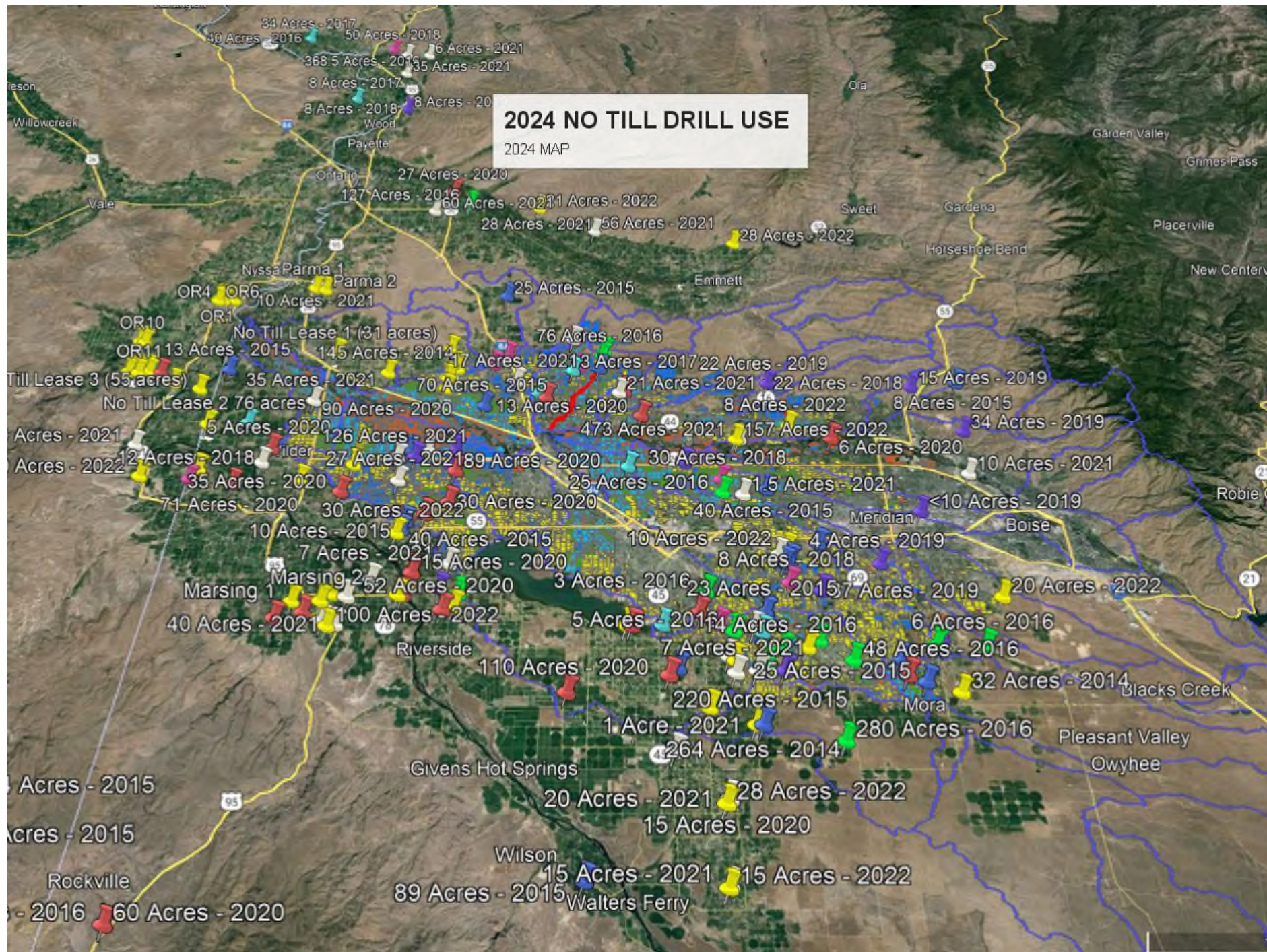
Financial Benefits of No-Till Drills

- Add grazing value of \$150 per acre
- No-till drills save around \$100 per acre for each crop planted based off fuel and labor savings.

Soil Health

- Increases the soil organic matter and biodiversity, which increase the water - holding capacity.
- Weed suppression and reduce erosion from wind and water.
- Reducing disturbance in soil, leaving organic matter to improve plant health and water retention.





What is the 319 Grant Program?

Resulting from Clean Water Act amendment passed by Congress in 1987.

```
graph TD; A[Resulting from Clean Water Act amendment passed by Congress in 1987.] --> B[319 Program helps state and local agencies distribute grant money to landowners to reduce local stream and river contamination such as soil settlement or chemical/pesticide runoff.]; B --> C[Federally monitored by Idaho DEQ and administered by The Lower Boise Lower Water Shed Technical Advisory Committee.]; C --> D[Canyon County Board and Technician, advise and facilitate proposed projects requesting funding.];
```

319 Program helps state and local agencies distribute grant money to landowners to reduce local stream and river contamination such as soil settlement or chemical/pesticide runoff.

Federally monitored by Idaho DEQ and administered by The Lower Boise Lower Water Shed Technical Advisory Committee.

Canyon County Board and Technician, advise and facilitate proposed projects requesting funding.

Siphon Tube to Drip System





134 Acres Of
Irrigated Ground
Converted to Pivot

Lower Boise Watershed Council



Collaborate on projects that benefit the agricultural community and water quality.



Plan, design and implement projects along the Lower Boise River to reduce runoff.



Resulting in 20% reduction of nutrients and reduced sediment run-off into the ecosystem.



Benefiting the Boise and Snake Rivers.

Idaho Power/Fresh Water Trust Snake River Stewardship Program



Mission: Improve water quality and support a sustainable agricultural economy.

A collaboration to improve water quality and reduce water temperatures.

Prioritize and install high-impact irrigation upgrades to reduce runoff into the Snake River

Collaborative Projects

Lower Boise Watershed Council (\$500,00)

- 2025 Fiscal Year Partner to provide projects and technical advice

Idaho Power/Fresh Water Trust (\$3 million YTD)

- \$3 million in projects since spring of 2025
- Collaborating with 319 funding

NRCS (Federal Funding) \$3 million

- EQUIP (\$2 million) and NWQI (\$1 million)

WQPA (State Funding) \$1 million

DEQ (State) – Meeting in May