

COMET-Planner Carbon Sequestration and Greenhouse Gas Estimation Report

Project Name: Honey Rock Landing

State: Colorado

County: Delta

Date Created: 11/03/2021 09:46:57

Approximate Carbon Sequestration and Greenhouse Gas Emission Reductions* (tonnes CO₂ equivalent per year)

NRCS Conservation Practices	Acres	Carbon Dioxide	Nitrous Oxide	Methane	Total CO ₂ -Equivalent
Mulching (CPS 484) - Add Mulch to Croplands	72	15	0	N.E.**	15
Multiple Conservation Practices - Intensive Till to No Till or Strip Till (CPS 329) Add Legume Seasonal Cover Crop (CPS 340) Replace Synthetic N Fertilizer with Compost (CN ratio 25) (CPS 590) on Irrigated Croplands	72	17	3	0	20
Tree/Shrub Establishment (CPS 612) - Conversion of Grasslands to a Farm Woodlot	48	602	N.E.**	N.E.**	602
Forage and Biomass Planting (CPS 512) - Conversion of Annual Cropland to Irrigated Grass/Legume Forage/Biomass Crops	4	0	3	0	3
Totals:	196	634	6	0	640

*Negative values indicate a loss of carbon or increased emissions of greenhouse gases

**Values were not estimated due to limited data on reductions of greenhouse gas emissions from this practice

For more information on how these estimates were generated, please visit www.comet-planner.com.