

# Goal Setting

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**Livestock & Range Management**

**Farm Advisor**

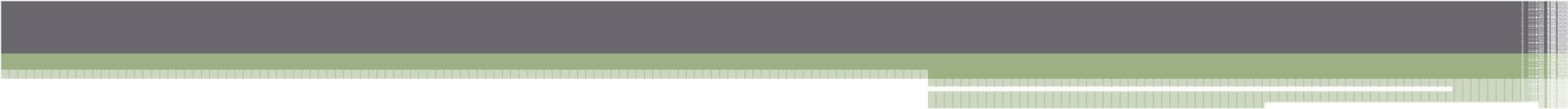
**Sonoma & Marin Counties**

# RANCH WATER QUALITY PLAN

**Production**

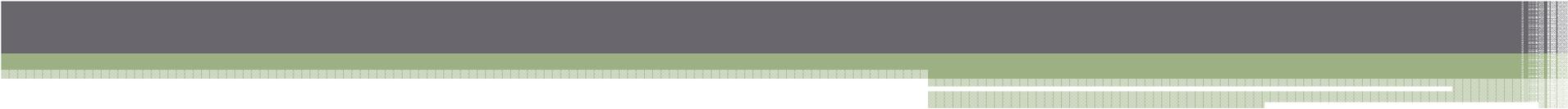
**Quality of Life**

**Natural Resources & Water Quality**



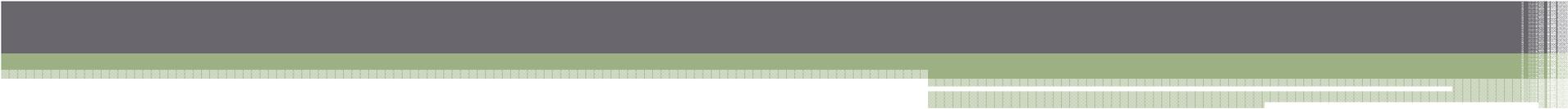
## PRODUCTION

- Generational Passing
- Reduction of Debt
- Expansions of Enterprises
- Develop New Enterprises
- Increase Profitably
- Purchase Additional Land



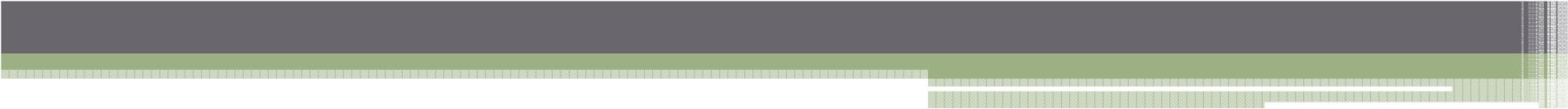
# Quality of Life

- Reduce Energy Consumption in Operation
- Provide Children's College Education
- Support Community Organizations
- Reduce Household Operating Expenses
- Raise livestock/crops after retirement
- RETIREMENT



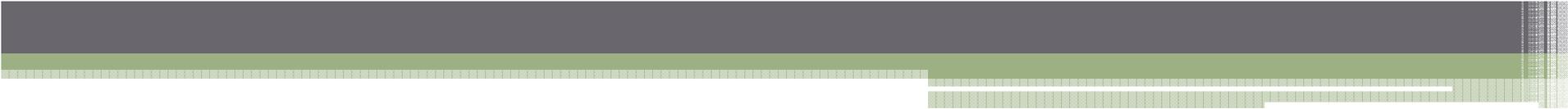
# Natural Resources

- **Manage Rangeland to Protect Soil**
- **Manage Roads**
- **Reduce erosion on streambanks**
- **Increase cover around riparian areas**



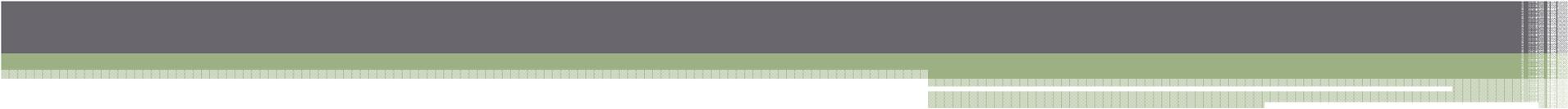
# Natural Resource

- Sediment from land uses upstream from your property
- Sediment caused by past land uses on your property
- Sediment from mudslides or landslides caused by farm, ranch or forest practices
- Sediment from landslides caused by natural forces



# Natural Resources

- Bare soil along streambanks
- Unstable streambanks caused by inadequate woody vegetation
- Does the streambank have the potential to support trees
- Unstable streambanks caused by inadequate non-woody vegetation
- Mud or sediment filled stream bottoms
- Cattle trails along the creek
- Cattle grazing in riparian area all season



# Water Quality

- **Reduce concentration livestock in or near streams**
- **Reduce entry of sediment, nutrients & pathogens into waterways**
- **Meet Water Quality Regulations**

# Reduce Pathogens/Nutrients to Riparian Areas ~ Enhanced Wildlife/Fisheries Habitat



# Manage Ranch Roads ~ Better year Round Access

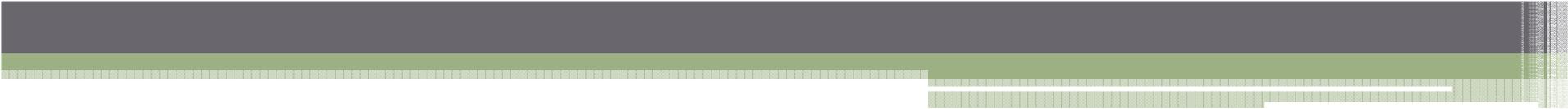


# Reduce Concentration of Livestock ~ Improved Working Facilities



# Manage Pastures from Erosion ~ More Soil, More Grass, More Money





# Goal Setting ~ Water Quality

- Make it work for You and Your Operation
- Work to Achieve Overall Goals
- Improve Water Quality

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