

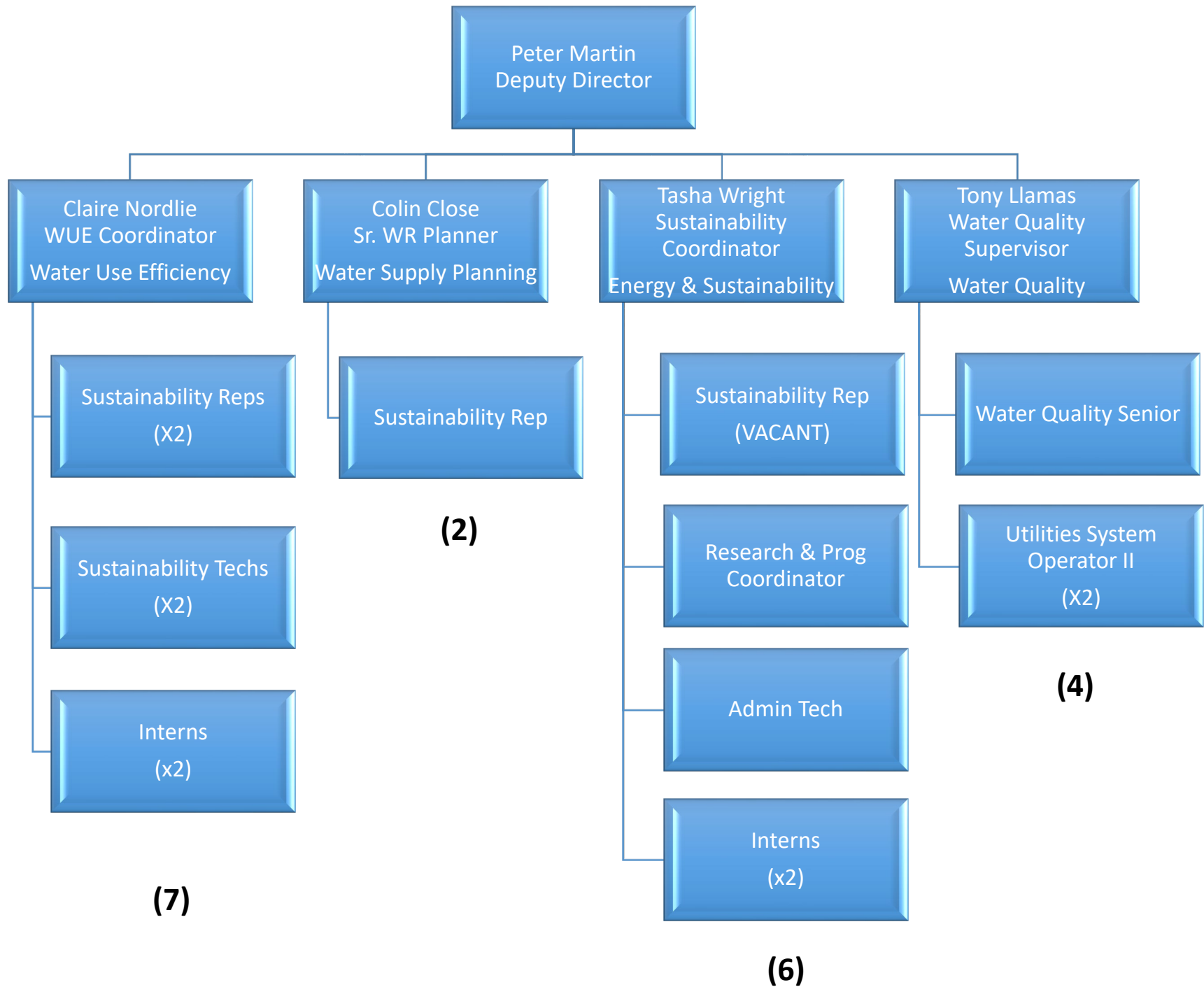
Water Resources Division

Board of Public Utilities Meeting
March 4, 2021

Peter Martin – Deputy Director Water Resources



OUR FUTURE IN EVERY DRÖP



Water Quality Section



Water Quality

- Ensure compliance with all local, state and federal potable and non-potable water quality regulations
- Provide high quality, courteous, and responsive customer service



Water Quality Services

- Provides for flushing of end-of-main valves that can harbor stagnate water due to their uncirculated position at the end of the main.
- Implements the cross-connection control program for the water supply and recycled water program.
- Manages testing program for fire protection lines and backflow prevention devices

Annual Water Quality Report 2020 (in progress)

- Water system information
- Testing Information
- Definitions
- Water Quality Results
- Rebuild Update



REPORTED JUNE 2020

Water Use Efficiency Section



Santa Rosa Water Supply Portfolio



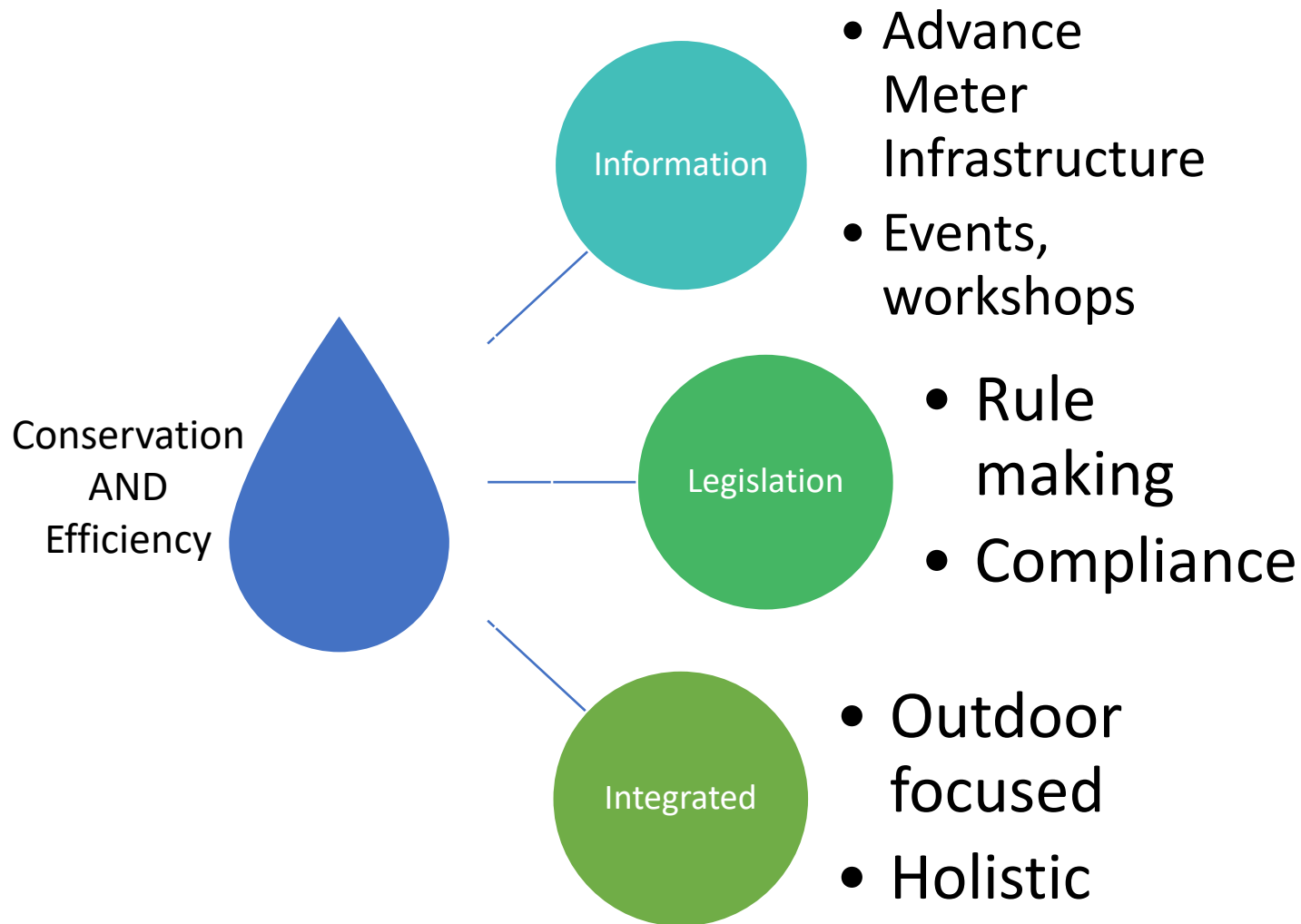
- Surface Water
- Local Groundwater
- Recycled Water

✓ *Water-Use Efficiency*

Rate Payer Benefits

- **Reduce utilities expenses**
 - Less pumping, treatment, wastewater treatment
 - **Deferred CIP**
 - Treatment plant expansion / upgrades
 - Water supply projects
 - **Meet future demand**
 - **Encourages appropriate use of our valuable resources**
 - ***Meet regulatory requirements***
- 

The Future of WUE



WUE Programs and Services

- ***Rebates***
- ***Residential and Commercial Check-ups***
- ***Outreach and education***
 - Public events
 - Free workshops
 - Water waste compliance
 - Landscape design templates
 - WaterSmart Yard
 - Website
 - Social media



Water Supply Planning

LONG-TERM
PLANNING

MONITORING &
REPORTING

WATER SUPPLY PLANNING

RECYCLED
WATER
PROGRAM

GROUNDWATER
PROGRAM



Long-term Planning



Urban Water
Management Plan



Water Shortage
Contingency Plan



Water Supply
Assessments



Plan review



Monitoring & Reporting



Supply and demand analysis & reporting



Participation in working groups



CIP, grants, contracts



SB 555 audit validation



Groundwater Program



Groundwater
Master Plan



Emergency
water supply



SGMA / GSA
collaboration



GW data analysis
& reporting



Recycled Water Program



Urban customers &
Site Supervisors



NPDES compliance:
LTP & Stormwater



State Recycled Water
Policy compliance



Recycled water data
analysis & reporting



Energy and Sustainability



Water and Energy

- TAP! Program including hydration station and water bottle refill stations
- Earth Day
- Energy Optimization Plans
- Utilize CEC, PG&E, and SCP incentive programs
- Pump efficiency testing
- \$5,000,000 grant funds for energy efficiency upgrades





Improve and Reduce Natural Resource Use

- Compliance with SB 1383 targets - improve the diversion of waste to landfills
- Waste diversion within buildings
 - Compost Program
 - Waste Audit at all SRW Buildings

Mitigate and Adapt to Climate Change

- ***Reduce Santa Rosa Water GHG emissions***
 - ***Monitor and Manage Solar PV Systems***
 - ***Monitor energy accounts, programs***
- ***Climate Action Subcommittee***
 - ***Municipal Climate Action Plan - tasks and updates***
- ***LTP annual reports to CEC and EIA***



Questions?



OUR FUTURE IN EVERY DRÖP