



**NORTH MARIN WATER DISTRICT**  
Board of Directors Planning Workshop  
Summary  
February 9, 2016

**Key Issues**

**a. Water Supply**

- Reviewed water demand comparison chart showing total water demand now projected in the 2015 UWMP has been reduced from the 2005 UWMP and the 2010 UWMP due to population/employment projections going down, conservation requirements of SBx7-7 and drought.
- 2015 actual water demands are 1909 AF below that projected in 2040 per the 2015 UWMP. Additional conservation, recycled water, and SCWA supply will occur to meet future demand.
- SBx7-7 target for NMWD is 143 GPCD. 2015 actual is 112 GPCD.
- SCWA and all Water Contractors will update Potential Projects for Future Evaluation to consider a new water project. Contractors have proposed a range (High/Low) of water demand to bracket uncertainty. SCWA has many pending important initiatives to consider including: 2015 UWMP, RR Instream Flow Draft EIR, Potter Valley Project FERC Relicensing, and Pending Water Rights Application with SWRCB for re-diversion of RR water above the now authorized 75,000AFA. The discussions among SCWA and the Water Contractors on these initiatives is now ongoing.
- i. Local Supply
  - a. STP Sanitary Discharge

Existing 3” diameter, thin walled plastic force main sanitary discharge from STP to Novato Sanitary District is nearing the end of its’ useful life. Budgeted replacement is planned 4 years out. NSD also claims a collection system constraint downstream in the Center Road sewer line due increased STP discharge.
  - b. Stafford Lake Water Quality

Stafford Lake and Water Treatment Taste and Odor Control Study identifies nutrient loading with resultant algae growth and metals release from the lake bed are the biggest challenges to address in the current treatment process. Cooperative efforts to-date to reduce nutrients entering the lake have not materialized in benefit to treatment.
  - c. Novato Creek Water Rights/Fisheries

Review of current NMWD water rights provisions for diversion/storage within Novato Creek indicates time extension is needed for Permit 18800 which will likely trigger fishery agencies review in light of recent steelhead recovery planning effort.
  - d. Gallagher Well #2

Efforts to perfect additional well on Gallagher Ranch and improve WM water supply reliability appear headed in right direction.

- ii. Water Conservation  
Continuing current water conservation program keeping dialogue open with SWRCB for spring relief from current water conservation standard under the Extended Emergency Urban Water Conservation Regulation.
- iii. Recycled Water  
Completion of Central Service Area RW Expansion is next milestone.
- iv. Russian River  
Big picture items regarding SCWA RR supply discussed.

**ACTION:**

- Continue to work with contractors and SCWA in developing new water project
- Update UWMP in 2015 (schedule likely to be extended to 6/30/2016) and review status at that time.
- Investigate reducing and/or reuse of STP waste stream discharge and modification of NSD permit to increase discharge flow limit.
- Engage Marin County Environmental Health Department and Regional Water Quality Control Board to focus on Stafford Lake private property watershed practices.
- Engage Grossi Dairy to remove confined animal waste from Stafford Lake watershed.
- Move forward with Novato Creek steelhead population density validation and hydrologic analysis. Urge other agencies with SF Bay Coastal steelhead streams to share in population density validation effort.
- Encourage Friends of Novato Creek to expand focus further up watershed and enlist other Novato Creek Watershed Program partners to participate.
- Pursue negotiation for 2<sup>nd</sup> well at Gallagher Ranch when MALT easement is concluded.
- Consider revised Water Shortage Contingency Plan with drought surcharge based on SWRCB mandated restrictions.
- Consider continued participation in North Bay Water Reuse Authority at the associate level.
- Stay involved and keep BOD apprised of SCWA “big picture” items (B.O./RRIFR EIR/Water Rights/PVP/UWMP).

**b. Cooperating Agencies**

i. SCWA

- Board has several opportunities to interface with SCWA Board members (TAC, WAC, NBWA, NBWRA, PPFC). Maintaining relationships is important. TAC leadership and WAC involvement provides excellent opportunity to continue