<table>
<thead>
<tr>
<th>Option</th>
<th>River/Surface Water Transfer</th>
<th>Recycled Water</th>
<th>Desalination</th>
<th>Stormwater Capture</th>
</tr>
</thead>
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<td></td>
<td>Pure Water Soquel</td>
<td>Groundwater Recharge</td>
</tr>
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<td>Water Transfer/In-Lieu Exchange of Treated Surface Water</td>
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</tbody>
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**Is the District participating?**
- Yes. City of Santa Cruz is lead sponsor. District staff is working with City Staff on data sharing. No formal agreement in place. City is the lead sponsor and is performing feasibility evaluation. City anticipates seeking partners in late 2018 if the decision is made to further pursue this project as a key water supply option.
- Yes, District is the lead sponsor. Working with City of Santa Cruz Public Works Department, City of Capitola Public Works Department, and Santa Cruz County Sanitation District.
- Yes (limited). Deep Water Desal LLC (DWD - private firm) is the lead sponsor. The District entered into a memorandum of understanding (non-binding, non-financial) with Deep Water Desal, for potential purchase of desalinated water.

**What is the estimated cost?**
- (based on assumptions, each option is at different stages of concept and development).
- To be determined. Costs will include the purchase of water, blending studies, system requirements by DDW, etc.
- Unknown. Per the City’s Water Supply Advisory Committee report, costs could be $131 Million. The cost split and price to purchase water is unknown.
- $66-70 million for construction of purification facility, pipelines, recharge wells, and other appurtenances (based on District’s feasibility study).
- $33 million for construction of 15-mile pipe plus $66M to purchase water (based on unit cost of water from DWD).
- Unknown at this time.

**Has environmental analysis been initiated and/or completed?**
- Completed in 2016.
- Not initiated. Would require full CEQA analysis to be initiated by City.
- Draft EIR anticipated summer 2017.
- Not initiated.

**Who owns the water rights?**
- City of Santa Cruz (City).
- City of Santa Cruz, which would need to apply for modifying their water rights. Alternatively, the District would need to apply and acquire its own water rights.
- City of Santa Cruz has received letters of intent from the City of Santa Cruz (treated secondary effluent) and Santa Cruz County Sanitation District (untreated wastewater).
- District would need to enter into a fixed term, take-or-pay agreement to purchase water.

**How long does it take to obtain water rights?**
- No modification to existing water rights needed. Santa Cruz can transfer and sell water to Soquel Creek Water District.
- City has expressed approximately 1,500 AFY could be available to the District. Additional evaluation is needed. Could meet 100% of District’s water shortage needs. This amount may be lower depending on how much water Santa Cruz would like the District to transfer back during drought years.
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- Approximately 50-100 acre feet per year could be captured.

**How much water will this project provide to Soquel Creek Water District?**
- Approximately 300 acre feet per year (AFY) between November-April. Could meet ~20% of District’s water shortage needs.
- City of Santa Cruz will transfer up to 150 AFY annually to District.
- City of Santa Cruz (treated secondary effluent) and Santa Cruz County Sanitation District (untreated wastewater).
- District expressed interest in project and funds pipeline environmental analysis for Draft EIR.
- Unknown if quantity of water the City will request be sent back during drought years.

**What is the approximate timeframe?**
- 2015: City and District enter into agreement.
- 2016: California Environmental Quality Act (CEQA) complete and agreement modified.
- 2016: Initiated evaluation of groundwater-surface water blending (Water Quality).
- Fall 2017: Purchase water from Santa Cruz.
- 2020: Pilot Project term ends.
- 2020: Complete infrastructure improvements; in-lieu project on-line.
- 2021: Groundwater Recharge is in operation.
- 2020-2022: Complete infrastructure improvements; in-lieu project on-line.
- 2014: District selects purified water as its preferred option to further evaluate.
- 2018: District to decide to conduct permitting, design, and construction.
- 2018: Water supply option complete.
- 2015: District expressed interest in project and funds pipeline environmental analysis for Draft EIR.
- 2017: DWD to seek partners. District to decide whether to enter into formal water purchase agreement.
- 2018–2022: Conduct permitting, design, and construction.
- 2016–2020: District to decide to conduct permitting, design, and construction.
- 2017: Water supply option complete.
- 2016: Stormwater Capture Identified to evaluate.
- 2017: 6 potential sites are identified to evaluate feasibility of recharge, determine cost, and schedule testing of water.

**What are issues to consider with this option?**
- Short-term transfer project (5-year pilot project). Long-term transfer project. City is undergoing evaluations through 2018.
- Project cost estimates are more than double those of Pure Water Soquel, however District’s cost share is unknown at this time.
- City has expressed approximately 1,500 AFY could be available to the District. Additional evaluation is needed. Could meet 100% of District’s water shortage needs. This amount may be lower depending on how much water Santa Cruz would like the District to transfer back during drought years.
- Approximately 1,500 AFY could meet 100% of District’s water shortage needs.
- Approximately 50-100 acre feet per year could be captured.

**Water quality**
- Permitting challenges
- Landowners agreeing to participate
In-Lieu Exchange and ASR Wells = Excess winter, surface water is transferred to neighboring water agencies and then returned to City of Santa Cruz when needed in future dry year. Using ASR, treated excess surface water would be injected into the ground to be extracted by the City of SC, when needed.

WSAC = City of Santa Cruz’s Water Supply Advisory Committee


NOTE: For more information on the District’s other Community Water Plan programs including Water Conservation, Groundwater Management, and more — visit www.soquelcreekwater.org/our-water/community-water-plan