

**STATE OF CALIFORNIA
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION**

**STAFF SUMMARY REPORT (Blair Allen)
MEETING DATE: January 9, 2013**

ITEM: 6A

**SUBJECT: Russell City Energy Company, LLC, Russell City Energy Center
Recycled Water Facility, Hayward, Alameda County –
Water Recycling Requirements**

CHRONOLOGY: The Water Board has not previously considered this Discharger or Facility.

DISCUSSION: The Revised Tentative Order (Appendix A) would prescribe water recycling requirements for Russell City Energy Company, LLC, the owner and operator of the Russell City Energy Center Recycled Water Facility. This Facility is a new privately owned and operated recycled water production facility designed to serve the new Russell City Energy Center electricity generation power plant.

The Russell City Energy Center and the Recycled Water Facility are adjacent to Hayward's wastewater treatment plant. The Facility will use secondary-level treated wastewater from Hayward's treatment plant and will produce disinfected tertiary recycled water in accordance with California's Title 22 Water Recycling Criteria. It is projected that an average flow of 1.56 million gallons per day of recycled water, totaling approximately 570 million gallons per year, will be used as cooling water at the power plant and for onsite landscaping.

We received comments (Appendix B) from Russell City Energy Company, LLC, and from the California Department of Public Health. Our Response to Comments (Appendix C) describes the comments and changes made to address the comments. In sum, the comments generally clarified terms or gave more complete descriptions of facility equipment and operating procedures. All of the comments have been addressed by improved language in the Revised Tentative Order. We expect this item to remain uncontested.

**RECOMMEN-
DATION:** Adoption of the Revised Tentative Order

CIWQS Place No: 785242

APPENDIX: A - Revised Tentative Order
B - Comments
C - Response to Comments