

**STATE OF CALIFORNIA
REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL COAST REGION**

STAFF REPORT FOR REGULAR MEETING OF MARCH 17- 18, 2016

Prepared on February 17, 2016

ITEM NUMBER: 21

SUBJECT: Overview of Nitrate Treatment Technologies for Drinking Water

STAFF CONTACT: Eugene Leung of the State Water Resources Control Board's Division of Drinking Water, 510/620-3460,
Eugene.Leung@waterboards.ca.gov

KEY INFORMATION:

Location: Region-Wide
Type of Discharge: Nitrate Runoff / Leaching to Groundwater

THIS ACTION: Informational

INTRODUCTION

This is an informational item to update the Central Coast Water Board regarding nitrate treatment technologies for drinking water. The impact of nitrate on drinking water sources is one of the most significant challenges that the Water Boards must address. A key component in developing strategies to address this challenge includes understanding the nitrate treatment technologies that are currently available and under development, as well as treatment effectiveness and the associated benefits and costs of each.

Mr. Eugene Leung, Senior Sanitary Engineer in the Treatment Technology Unit of the State Water Resources Control Board's Division of Drinking Water will give a brief staff presentation on several nitrate treatment technologies and respond to questions.