

OVERVIEW OF NCSD'S SUPPLEMENTAL WATER PROJECTS

Wednesday July 30, 2008

1. INTRODUCTION
2. LAST UPDATE 9/25/07 – Background and Problem Description
3. STATUS OF NCSD'S PLANNING – Updates
 - A. Spring 2008 Water Storage Status
 - B. Waterline Intertie Project (WIP) Pre-Design
 - Boyle Nov 2006 -- \$24 to 26 mil
 - Boyle Phase 2 – June 2007 Options Report
 - Boyle October 2007 Desalination Report - \$86 million
 - Boyle November 2007 Waterline Intertie Project Report - \$20 m
 - Board Selection of WIP as Immediate Supplemental Water Augmentation and Desalination as Additional Future Project
 - April 2008 Retention of DWA to prepare WIP EIR
 - June 2008 Retention of Boyle Engineering to Design Project
 - July Scoping Hearing re WIP EIR Contents
 - July 2008 Retention of Appraiser and Property Negotiators
 - C. WIP Planning, Design and Construction
 - DEIR – Mid October 2008
 - Comment Period – Late October & November
 - Response to Comments - December
 - FEIR – January 2009
 - Concept Design – January 2009
 - Permits – Spring 2009
 - Final Design – Summer 2009
 - Bid Award – December 2009
 - Construction – Dec 2009 to Jan 2011
 - D. WIP Funding
 - Supplemental Water Charge Evaluation – 8/13/08
 - User Fee Analysis – Winter 2009
 - Proposition 218 Protest Proceeding – Spring 2009
 - Issuance of Municipal Bonds – Fall 2009
 - E. Desalination Research
4. QUESTIONS AND ANSWERS

SUPPLEMENTAL WATER PROJECT COST ESTIMATES				7/30/2008
PROJECT	assumption	OPTIMISTIC	assumption	PESSIMISTIC
CAPITAL				
TOTAL CAPITAL COST		\$18,000,000		\$20,000,000
RESERVES		\$8,000,000		\$6,000,000
NET CAPITAL COST (Total - Reserves)		\$10,000,000		\$14,000,000
NET DEBT SERVICE/MONTH	Int @ 5%	\$65,700	Int @ 6%	\$99,700
OTHERS SHARE DEBT SERVICE/Mo	At 33%	\$21,900	At 20%	\$19,940
CAPACITY FEE SHARE DS/Mo	At 33%	\$21,900	At 20%	\$19,940
NCSD CUSTOMER SHARE DS/Mo		\$21,900		\$59,820
NET CAP COST/MO/CUSTOMER	4,500 Meters	\$4.87	4,100 Meters	\$14.59
OPERATIONS & MAINTENANCE				
O&M COST/MO	At 2,000 AFY	\$225,000	At 2,500 AFY	\$279,500
OTHERS SHARE O&M COST/MO	At 33%	\$75,000	At 20%	\$55,900
NSD CUSTOMER SHARE O&M \$/MO		\$150,000		\$223,600
NET O&M COST/MO/CUSTOMER	4,500 Meters	\$33.33	4,100 Meters	\$54.54
CAPITAL & O&M				
NET TOTAL COST/MO/CUSTOMER	4,500 Meters	\$38.20	4,100 Meters	\$69.13