EXHIBIT 7-A







Overview:

- · Pumping, Treatment, and Storage infrastructure
- Current River Operations
- · Higher demand year, lower demand recent year
- Post Desal Strategy Challenges and Considerations
- Illustration of possible Post Desal Operations
- Dry year, average year, extremely wet year

www.amwater.com









Carmel River Treatment Plants

- Carmel Valley Filter Plant
 - Surface Water Treatment Plant
 - Constructed 1940's Renovated 1970's
 - 16 Horizontal Pressure Filters original rated capacity of 32 AFD

Begonia Iron Removal Plant

- Iron and Manganese removal
- Constructed 1975
- 18 Horizontal Pressure Filters rated capacity of 52 AFD
- Currently operated 24/7

www.amwater.com





Carmel River Dams

- San Clemente Dam
 - Concrete arch dam Constructed 1921
 - Deemed seismically unsound and unstable during PMF
 - Removal scheduled 2012-2015

Los Padres Dam

- Earth and rockfill embankment dam Constructed 1949
- Original storage capacity of 3,032 AF has since declined with siltation
- Downstream fish passage improvements scheduled for 2012





Current River Operations

- Two scenarios presented to illustrate current operations
 - Higher demand year (2007)
 - Lower demand year (2010)

Scenarios illustrate:

- Current summer/winter pumping
- Mix of Upper and Lower Carmel Valley Wells
- ASR Diversions

www.amwater.com







2010 - Carmel River Pumping (AF) System Production = 12,170 AF, ASR = 1,047 AF





Carmel River Strategy – Post Desal:

- Diversions within CAW's Carmel River water rights.
- Minimize pumping during the summer months.
- Maximize jointly held ASR water rights.















Average Year - Carmel River Pumping Post Desal (AF) ASR = 2,345 AF



www.amwater.com









