# Water System Operations Manager's Report

Engineering and Operations Committee
Item 7a
January 10, 2010

# Current Operations

- Blends at Weymouth, Diemer and Skinner plants at 45 percent State Project Water
- December demands of 107 TAF were about 2 TAF higher than December 2009
- CRA  currently operating at 5 pump flow
- End of 2010 WSDM Storage Portfolio at 1.67 MAF

# Shutdowns

- Box Springs Feeder – Jan. 9-15
- Colorado River Aqueduct – Feb. 1-20
- Diemer Water Treatment Plant – Feb. 27-Mar. 5
- Weymouth Water Treatment Plant – Mar. 18-27

# Metropolitan Distribution System

# Diamond Valley Lake

## Storage Levels

DVL: 80% of 810 TAF Maximum Storage

# December Storms

- Record-setting rainfall experienced during week of storms
- Modest impact to operations and facilities
  - Raw water to four water treatment plants affected by runoff into Lake Silverwood
  - Moderate erosion damage to patrol roads and runoff from construction sites
  - Water deliveries to spreading basins in desert suspended
  - Control system communications disrupted by flooding of Verizon's telecom substructures
  - Minor slope failures at  Diemer plant and Garvey Reservoir

# December Storm Damage

Patrol road damage along CRA near Cabazon

# Revised Chromium-6 Public Health Goal

- Office of Environmental Health Hazard Assessment (OEHHA) reduced the draft public health goal (PHG) for chromium-6 to 0.02 parts per billion (ppb)
- PHGs are not enforceable drinking water standards
- Development of a standard may take several years
- Next steps by staff:
  - Collaborate with member agencies and the Association of California Water Agencies to comment on draft PHG
  - Assess impact of potential future chromium-6 standard

# Revised Perchlorate Public Health Goal

- On January 7, OEHHA proposed lowering the existing PHG for perchlorate from 6 ppb to 1 ppb
- The PHG was revised downward to reflect new exposure and health effects data
- After reviewing comments, OEHHA will determine the final PHG
- If the PHG is lowered, CDPH would reevaluate the existing Maximum Contaminant Level (MCL)
- Since 2006, source water levels of perchlorate entering Metropolitan's system have averaged approximately 1.5 ppb
- Staff is evaluating the draft PHG and will work with the member agencies and others to develop comments

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA