

REPORT OF GENERAL MANAGER

APPROVED
SEP 07 2011

NO. 11-235

DATE September 7, 2011

C.D. 3, 4, 6 & 12

**BOARD OF RECREATION
and PARK COMMISSIONERS**

BOARD OF RECREATION AND PARK COMMISSIONERS

SUBJECT: MEMORANDUM OF UNDERSTANDING BETWEEN THE DEPARTMENT OF RECREATION AND PARKS AND THE STATE OF CALIFORNIA, DEPARTMENT OF WATER RESOURCES, FOR THE INSTALLATION, MAINTENANCE AND OPERATION OF COMPUTERIZED CALIFORNIA IRRIGATION MANAGEMENT AND INFORMATION SYSTEMS WEATHER STATIONS

R. Adams _____
H. Fujita _____
V. Israel _____

K. Regan _____
*M. Shull _____
N. Williams _____

MS

[Signature]
General Manager

Approved _____

Disapproved _____

Withdrawn _____

RECOMMENDATIONS:

That the Board:

1. Approve a proposed Memorandum of Understanding (MOU) between the Department of Recreation and Parks and the State of California, Department of Water Resources, containing the general terms for the installation, maintenance and operation of computerized California Irrigation Management and Information Systems (CIMIS) Weather Stations already installed in City parks, subject to the approval of the Mayor, and the City Attorney as to form;
2. Direct the Board Secretary to transmit the proposed MOU to the Mayor for review and approval in accordance with Executive Directive No. 3, and concurrently to the City Attorney for review and approval as to form; and,
3. Authorize the General Manager to execute the MOU upon receipt of the necessary approvals.

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SUMMARY:

On June 20, 2007 the Board of Recreation and Parks approved Board Report No. 07-137 adopting a Memorandum of Understanding (MOU) between the Department of Recreation and Parks (RAP) and the Department of Water and Power (DWP) specifying the terms and conditions for the use of DWP funding for the operation of the City Park Irrigation Improvement Program (Program). The Program provides for irrigation improvements to City parks that develop and promote water conservation by maximizing landscape water use. Prior to the termination of the Program in June 2011, RAP, at the request of DWP submitted a proposal for the strategic installation of computerized California Irrigation Management and Information Systems (CIMIS) weather stations at four (4) City parks in the San Fernando Valley.

The City of Los Angeles tackled water usage for landscaping at citywide level in the 1990's as well as for corporations and individuals. The plans included installing smart irrigation systems in parks, diverting more treated waste water from the oceans for outdoor use, and creating more green space with native trees and plants to absorb storm runoff to stave pollution of the ocean and the region's groundwater.

The CIMIS weather stations were installed in April of 2010 at the parks depicted in the aerial vicinity photographs attached as Exhibit A2 – D2. The four (4) park locations are: Exhibit A2, West Hills/Lazy J Park (CIMIS Station No. 214), Exhibit B2 Chatsworth/ Holleigh Bernson Park (CIMIS Station No. 215), Exhibit C2, Arleta/Hansen Dam Golf Course (CIMIS Station No. 216); and, Exhibit D2, North Hollywood/South Weddington Park (CIMIS Station No. 217).

The stations electronically gather weather data on a minute by minute basis and transmit the information to a database server in Sacramento to be analyzed, stored and disseminated to anyone at no charge via the internet. This information is an incredible tool used by RAP "smart" controller irrigation in City parks.

The State of California, Department of Water Resources (STATE) and RAP wish to memorialize their understanding regarding the terms and conditions for installation, maintenance and operation of the CIMIS station by the adoption of the proposed Memorandum of Understanding (MOU). The monitoring stations equipment is owned by RAP and operated and maintained by the STATE. Chiefly, the MOU establishes the responsibility of RAP to allow STATE agents and contractors entry to and use of RAP property without charge and to properly maintain the groundcover at each weather station location; and the responsibility of STATE to provide assistance to RAP in the installation of each weather station for operation, for initial calibration of instruments and for annual calibrations.

The Assistant General Manager of Operations concurs with staff's recommendations.

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FISCAL IMPACT STATEMENT:

Staff has determined the annual cost of maintenance and operation of the CIMIS weather stations is Ten Thousand Dollars (\$10,000) to be requested through the Department's regular budget process. The financial benefit of the reduced use of water for irrigation has not been quantified at this time but it is anticipated to provide some benefit to the Department in the form of reduced water consumption.

This Report was prepared by Gregory Clark, Management Analyst II in the Real Estate and Asset Management Unit.

Attachments:

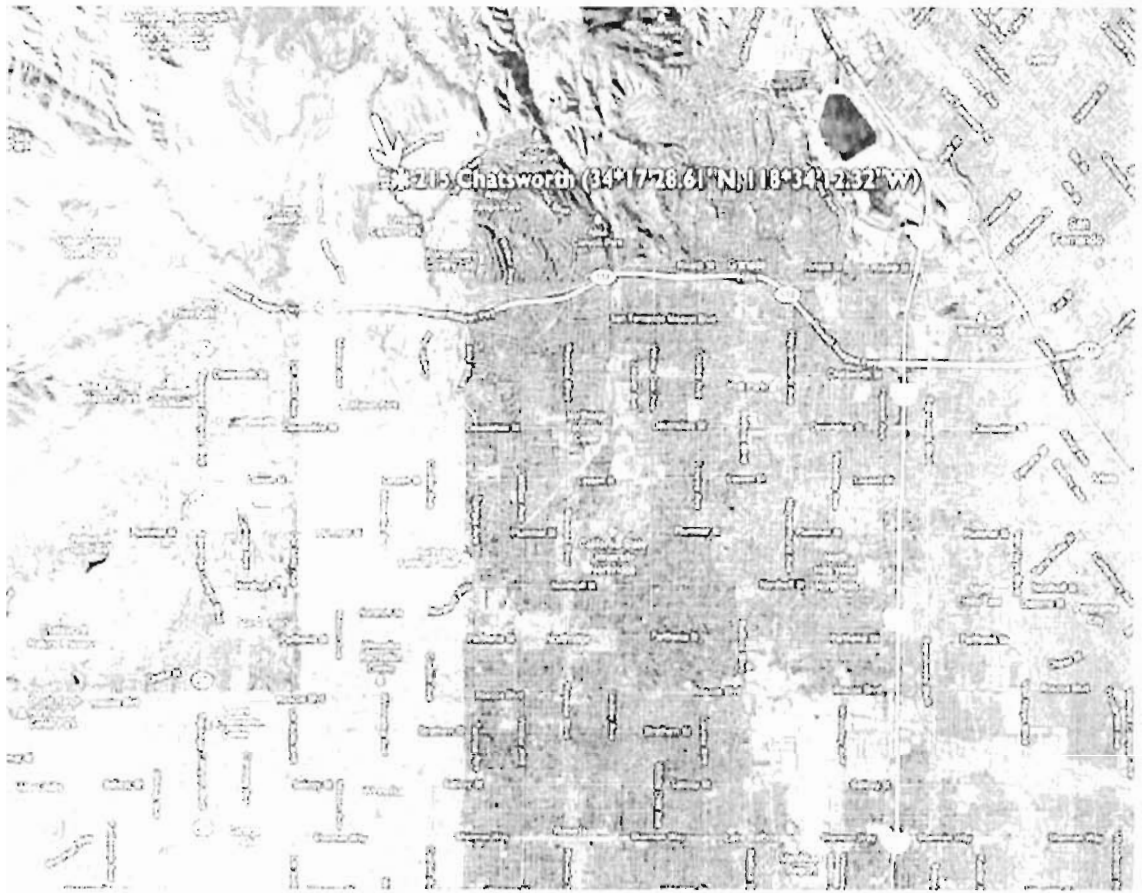
- Exhibit A2: aerial photograph of CIMIS station no. 214 – West Hills/Lazy J Park
- Exhibit B2: aerial photograph of CIMIS station no. 215 – Chatsworth/Holleigh Bernson Park
- Exhibit C2: aerial photograph of CIMIS station no. 216 – Arleta/Hansen Dam Golf Course
- Exhibit D2: aerial photograph of CIMIS station no. 217 – North Hollywood/South Weddington Park

EXHIBIT A2



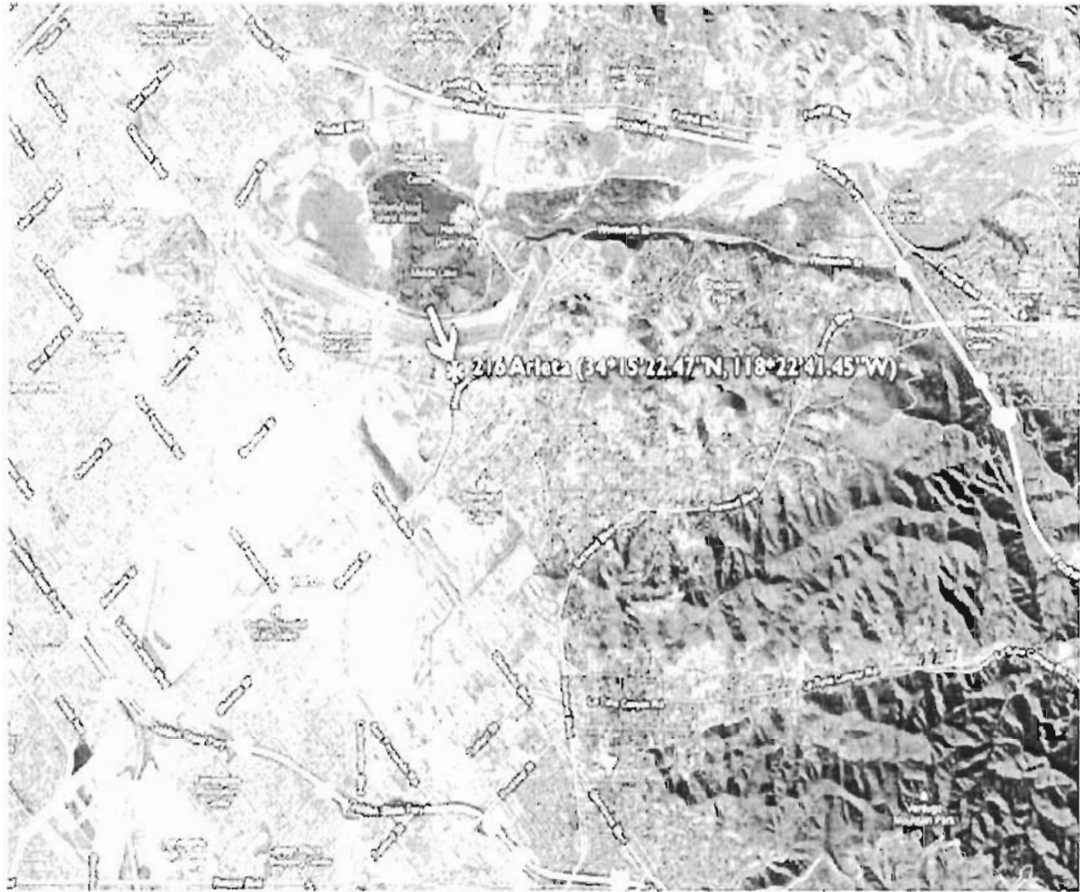
AERIAL VICINITY PHOTO
214 West Hills(34°12'50.78"N, 118°38'41.53"W)

EXHIBIT B2



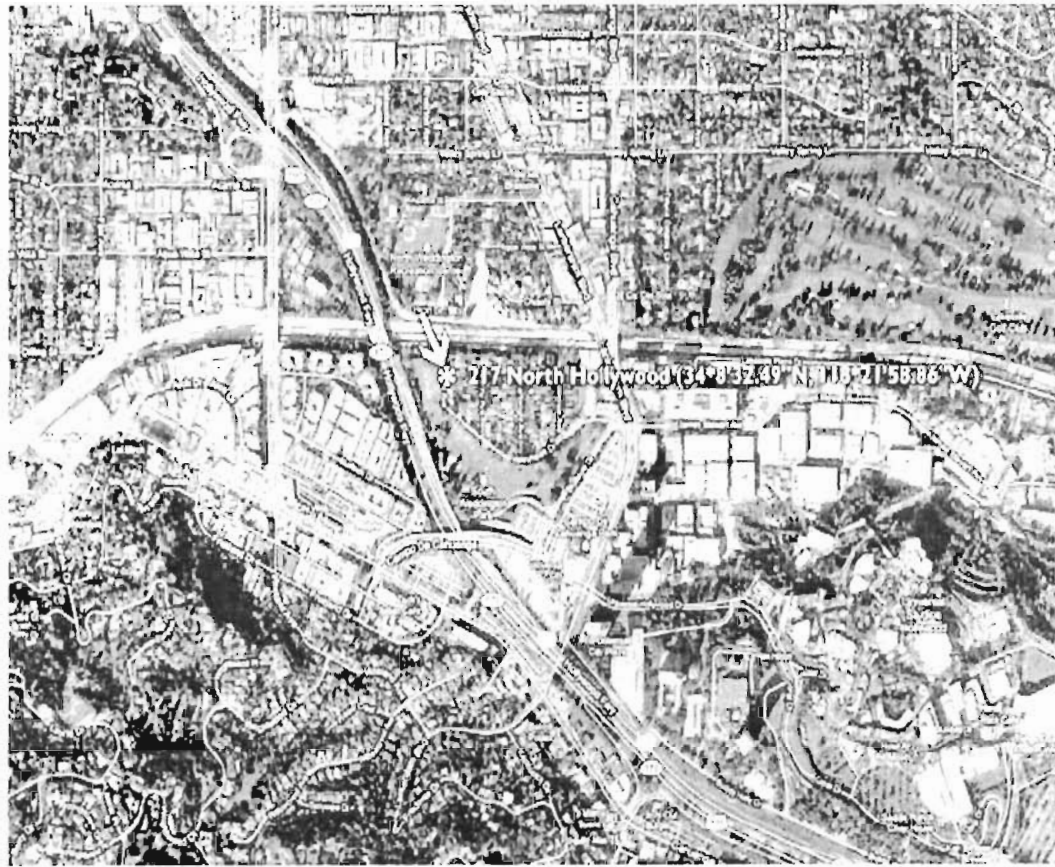
AERIAL VICINITY PHOTO
215 Chatsworth (34°17'28.61"N, 118°34'12.32"W)

EXHIBIT C2



AERIAL VICINITY PHOTO
216 Arleta (34°15'22.47"N, 118°22'41.45"W)

EXHIBIT D2



AERIAL VICINITY PHOTO
217 North Hollywood (34°8'32.49"N, 118°21'58.86"W)