



# COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

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GRACE ROBINSON CHAN  
*Chief Engineer and General Manager*

January 7, 2014

File No. 31R-106.10

The Honorable Board of Supervisors  
County of Los Angeles  
383 Kenneth Hahn Hall of Administration  
500 West Temple Street  
Los Angeles, CA 90012

Dear Supervisors:

**COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY  
CALABASAS LANDFILL GAS COLLECTION SYSTEM – 2014  
APPROVE EXPENDITURE FROM REFUSE TRUST FUND  
(SUPERVISORIAL DISTRICT 3) (3-VOTES)**

**IT IS RECOMMENDED THAT YOUR BOARD:**

1. Authorize expenditure in the amount of \$520,000 from the Los Angeles County Refuse Disposal Trust Fund for the Calabasas Landfill Gas Collection System - 2014 project.

**PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION**

At the adjourned regular meeting on November 19, 2013, the County Sanitation District 2 of Los Angeles County (District) approved and authorized the award of a contract for construction of the Calabasas Landfill Gas Collection System - 2014 project and authorized the expenditure for the project from the Los Angeles County Refuse Disposal Trust Fund, subject to the approval of the County of Los Angeles.

The project will expand the existing landfill gas collection system at the Calabasas Landfill to a recently completed refuse fill area to provide for the continued collection and disposal of landfill gas to protect public health and the environment. Landfill gas is a product of the natural decomposition of organic materials disposed of in a landfill. It is primarily composed of carbon dioxide and methane, but contains trace amounts of odorous compounds. Landfill gas control systems are required to prevent odors and to comply with South Coast Air Quality Management District Rule 1150.1, which sets standards for landfill gas emissions.

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The Calabasas Landfill Gas Collection System – 2014 project falls under the scope of the Calabasas Landfill Gas Collection System Master Plan – 1996, which described the extensions to the gas collection system that would be required through the remaining life of the landfill. Extensions to the gas collection system have been constructed approximately on a bi-annual basis such that the existing gas control system currently consists of 673 vertical gas collection wells, 97,091 feet of horizontal gas collection trenches fitted with gas collection piping, as well as a system of header and lateral lines to convey landfill gas to the flaring station and/or energy recovery facility for combustion, and a condensate collection system.

The Calabasas Landfill Gas Collection System – 2014 project includes construction of approximately 4,500 feet of gas collection trenches fitted with steel gas collection piping, 600 feet of Polyvinyl Chloride (PVC) gas piping and 600 feet of High Density Polyethylene (HDPE) condensate collection piping. The project is located on the east side of the landfill on lift 5 of the phase 2B fill area. Construction is scheduled to begin in March 2014 and should last approximately four months.

### **FISCAL IMPACT / FINANCING**

The low bid for construction of the project was in the amount of \$416,319. It is anticipated that project construction, engineering, and contingencies will total approximately \$520,000. Funding for the project will be from the Los Angeles County Refuse Disposal Trust Fund, which has sufficient funds for the project. The recommended action does not affect other County revenue or expenditures.

### **FACTS AND PROVISIONS / LEGAL REQUIREMENTS**

The Joint Powers Agreement that established the Los Angeles County Refuse Disposal Trust Fund allows for expenditures from the Trust Fund for the purpose of constructing fixed improvements necessary for conducting refuse disposal operations. It requires that such expenditures be made only with the consent and approval of both the County and the District.

### **ENVIRONMENTAL DOCUMENTATION**

In 1996, the District, as lead agency, adopted a Negative Declaration (ND) for the Calabasas Landfill Gas Collection System Master Plan. The project involved the extension

The Honorable Board of Supervisors  
January 7, 2014  
Page 3

of the gas collection system into filled areas for the remaining life of the site. The Calabasas Landfill Gas Collection System – 2014 project will expand the gas collection system to newly filled landfill areas and is contained within the landfill permitted footprint. The proposed project falls within the scope of the District's 1996 ND. The Board has previously considered the ND prepared by the District, together with any comments received during the public review process; certified that the Board independently considered and reached its own conclusions regarding the environmental effects of the project as shown in the ND; and approved the project on February 23, 2010.

**IMPACT ON CURRENT SERVICES (OR PROJECTS)**

The recommended action does not affect other County services or projects.

**CONCLUSION**

Please return one approved copy of the Board letter to the Sanitation Districts.

Very truly yours,



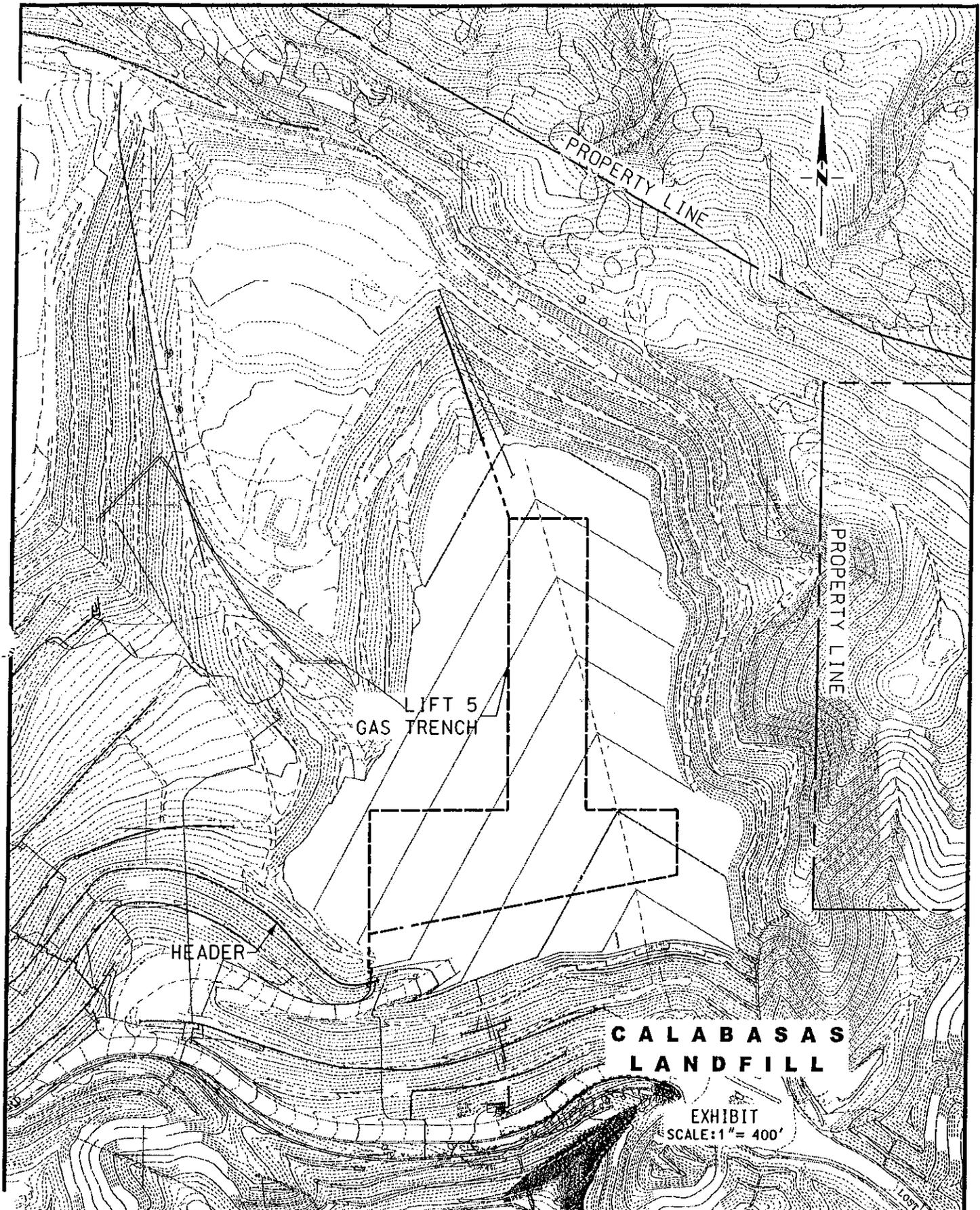
Grace Robinson Chan

GRC:db

**Attachments**

c: Gail Farber  
Director, Los Angeles County Public Works

Pat Proano  
Assistant Deputy Director, Environmental Programs Division



**CALABASAS LANDFILL GAS COLLECTION SYSTEM - 2014**