

**COUNTY OF SAN LUIS OBISPO BOARD OF SUPERVISORS
AGENDA ITEM TRANSMITTAL**

(1) DEPARTMENT Public Works	(2) MEETING DATE June 27, 2006	(3) CONTACT/PHONE Jeff Werst, Utilities Division Engineer (805) 781-4480
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(4) SUBJECT
Request to Approve a New Capital Improvement Project, an Agreement with Geo-Logic Associates for the Completion of an Engineering Feasibility Study and Associated Services at the Los Osos Landfill and the Necessary Budget Adjustment in the amount of \$95,000 from the Los Osos Landfill Designation. *Clerk's File*

(5) SUMMARY OF REQUEST
Requesting approval of a new Capital Improvement Project at the Los Osos Landfill and related Agreement for Engineering Consulting Services with Geo-logic Associates, San Bernardino, CA for the completion of an Engineering Feasibility Study in an amount not to exceed \$55,675, and approve the related attached budget adjustment. The Engineering Feasibility Study will provide recommendations for potential groundwater quality improvements at the Los Osos Landfill to protect public health and satisfy regulatory requirements.

(6) RECOMMENDED ACTION
It is our recommendation that your Honorable Board:

1. Approve the new capital improvement project for the Los Osos Landfill Engineering Feasibility Study in the Capital Project Fund.
2. Approve the attached Agreement for Engineering Consulting Services with Geo-Logic Associates, San Bernardino, CA for the completion of an Engineering Feasibility Study and associated services at the Los Osos Landfill in an amount not to exceed \$55,675.
3. Approve the attached budget adjustment by a 4/5th's vote to cancel a portion of the Los Osos Landfill Designation to fund the Project in the amount of \$95,000.

(7) FUNDING SOURCE(S) Los Osos Landfill Designation	(8) CURRENT YEAR COST \$55,675	(9) ANNUAL COST N/A	(10) BUDGETED? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> N/A
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(11) OTHER AGENCY/ADVISORY GROUP INVOLVEMENT (LIST):
Regional Water Quality Control Board, County Counsel

(12) WILL REQUEST REQUIRE ADDITIONAL STAFF? No Yes, How Many? _____
 Permanent _____ Limited Term _____ Contract _____ Temporary Help _____

(13) SUPERVISOR DISTRICT(S) <input type="checkbox"/> 1st, <input checked="" type="checkbox"/> 2nd, <input type="checkbox"/> 3rd, <input type="checkbox"/> 4th, <input type="checkbox"/> 5th, <input type="checkbox"/> All	(14) LOCATION MAP <input checked="" type="checkbox"/> Attached <input type="checkbox"/> N/A	(15) Maddy Act Appointments Signed-off by Clerk of the Board <input checked="" type="checkbox"/> N/A
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(16) AGENDA PLACEMENT <input checked="" type="checkbox"/> Consent <input type="checkbox"/> Hearing (Time Est. _____) <input type="checkbox"/> Presentation <input type="checkbox"/> Board Business (Time Est. _____)	(17) EXECUTED DOCUMENTS <input type="checkbox"/> Resolutions (Orig + 4 copies) <input checked="" type="checkbox"/> Contracts (Orig + 4 copies) <input type="checkbox"/> Ordinances (Orig + 4 copies) <input type="checkbox"/> N/A
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(18) NEED EXTRA EXECUTED COPIES? <input checked="" type="checkbox"/> Number: _____ <input type="checkbox"/> Attached <input type="checkbox"/> N/A	(19) BUDGET ADJUSTMENT REQUIRED? <input type="checkbox"/> Submitted <input checked="" type="checkbox"/> 4/5th's Vote Required <input checked="" type="checkbox"/> N/A
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(20) OUTLINE AGREEMENT REQUISITION NUMBER (OAR) _____	(21) W-9 <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	(22) Agenda Item History <input checked="" type="checkbox"/> N/A Date _____
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(23) ADMINISTRATIVE OFFICE REVIEW

OK Leslie form *6/27/06*



SAN LUIS OBISPO COUNTY DEPARTMENT OF PUBLIC WORKS

Noel King, Director

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TO: Board of Supervisors

FROM: Dean Benedix, Utilities Division Manager *JBW for DB*

VIA: Paavo Ogren, Deputy Director of Public Works *PO*

DATE: June 27, 2006

SUBJECT: Request to Approve a New Capital Improvement Project, an Agreement with Geo-Logic Associates for the Completion of an Engineering Feasibility Study and Associated Services at the Los Osos Landfill and the Necessary Budget Adjustment in the amount of \$95,000 from the Los Osos Landfill Designation.

Recommendation

It is our recommendation that your Honorable Board:

1. Approve the new capital improvement project for the Los Osos Landfill Engineering Feasibility Study in the Capital Project Fund.
2. Approve the attached Agreement for Engineering Consulting Services with Geo-Logic Associates, San Bernardino, CA for the completion of an Engineering Feasibility Study and associated services at the Los Osos Landfill in an amount not to exceed \$55,675.
3. Approve the attached budget adjustment by a 4/5th's vote to cancel a portion of the Los Osos Landfill Designation to fund the Project in the amount of \$95,000.

Discussion

The Los Osos Landfill is a closed solid waste disposal site located at 2285 Turri Road approximately 1.5 miles northeast of the unincorporated community of Los Osos in San Luis Obispo County, California (Figure 1). The site was an active landfill from December 1958 through November 1988, accepting approximately 500,000 tons of refuse. In 1975, the County Board of Supervisors gave County Engineering (now Department of Public Works) operational responsibility of the landfill, in response to environmental requirements.

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Due to the presence of Volatile Organic Compounds (VOCs) in downgradient groundwater monitoring wells, the Central Coast Regional Water Quality Control Board (RWQCB) issued Clean-Up and Abatement Order (CAO) No. 89-80 in 1989. The County subsequently installed additional groundwater monitoring wells, and contracted with EMCON Associates to prepare a Monitoring Program in 1992 and perform a hydrogeologic characterization in 1993. In May 1994, the RWQCB rescinded CAO No. 89-90.

In August 1995, the County received CAO No. 95-66, issued by the RWQCB as a follow up to rescinded CAO 89-80. CAO 95-66 stated that VOCs had been detected in excess of the Maximum Contaminant Levels (MCL) in groundwater down-gradient of the landfill, and a Corrective Action Program was needed to address this situation. In response to CAO No. 95-66, in 1996 the County prepared a Corrective Action Plan and performed a landfill cap enhancement to minimize infiltration of rainwater, and installed a landfill gas control system to remove VOC-containing landfill gas. The landfill gas system began operation in September 1998.

The off-site VOC plume has also been successfully delineated since CAO 95-66 was issued. However, over the long term the landfill gas control system has been minimally effective at reducing VOC concentrations in groundwater downgradient of the landfill. Because of this, on December 29, 2005, the RWQCB issued a letter stating 'the discharger is required to submit a Corrective Action Program once the nature and extent of the release has been determined'. The letter reinstated the RWQCB request for a Corrective Action Program, including discussion of potential corrective actions and a preferred corrective action. After consulting with RWQCB staff, it was agreed that an Engineering Feasibility Study would be an appropriate method to discuss potential Corrective Actions and identify a preferred corrective action.

In response to the RWQCB request, the County solicited and received seven proposals for an Engineering Feasibility Study at the Los Osos Landfill. Proposal cost estimates ranged from approximately \$18,000 to \$80,000. The County identified the proposal from Geo-Logic Associates as the best selection. Although Geo-Logic Associates did not submit the lowest cost proposal, they demonstrated superior qualifications through the success of similar landfill-related projects, and displayed a thorough understanding of the nature and scope of this project with a site specific approach and understanding of groundwater transport conditions at the Los Osos Landfill. They have also demonstrated success in previous projects with RWQCB involvement. These are the primary components of this project.

Other Agency Involvement/Impact

District staff continues communicating and working with the RWQCB on this project. County Counsel has reviewed the Agreement for legal form and effect. The County Administrative Office has been apprised of the status of RWQCB requests and our responses and General Services is helping to coordinate the setting up of the Capital Project.

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Financial Considerations

The contract cost estimate for the Engineering Feasibility Study and associated services is \$55,675. The overhead and staff time spent on this project and future anticipated time to administer the contract and oversee the Project will bring the total cost to the Project to an estimated \$95,000. Funding for this project is being requested from the \$600,000 designated reserve for the Los Osos Landfill within the General Fund's Capital Improvement Project Fund. This funding source was a mandated Financial Assurance Instrument for corrective action, identified in the RWQCB's Los Osos Landfill Waste Discharge Requirement Order #94-64.

The budget adjustment necessary to move the funds from the Los Osos Landfill designated reserve is attached.

Results

Approval of the recommended action authorizes the completion of an Engineering Feasibility Study. This study will evaluate potential Corrective Actions to improve groundwater quality at the Los Osos Landfill, including evaluating the cost effectiveness of various alternatives and identify a recommended Corrective Action Program for the Los Osos Landfill. The result of the Engineering Feasibility Study will be recommendations for groundwater quality improvements to protect public health and satisfy regulatory requirements.

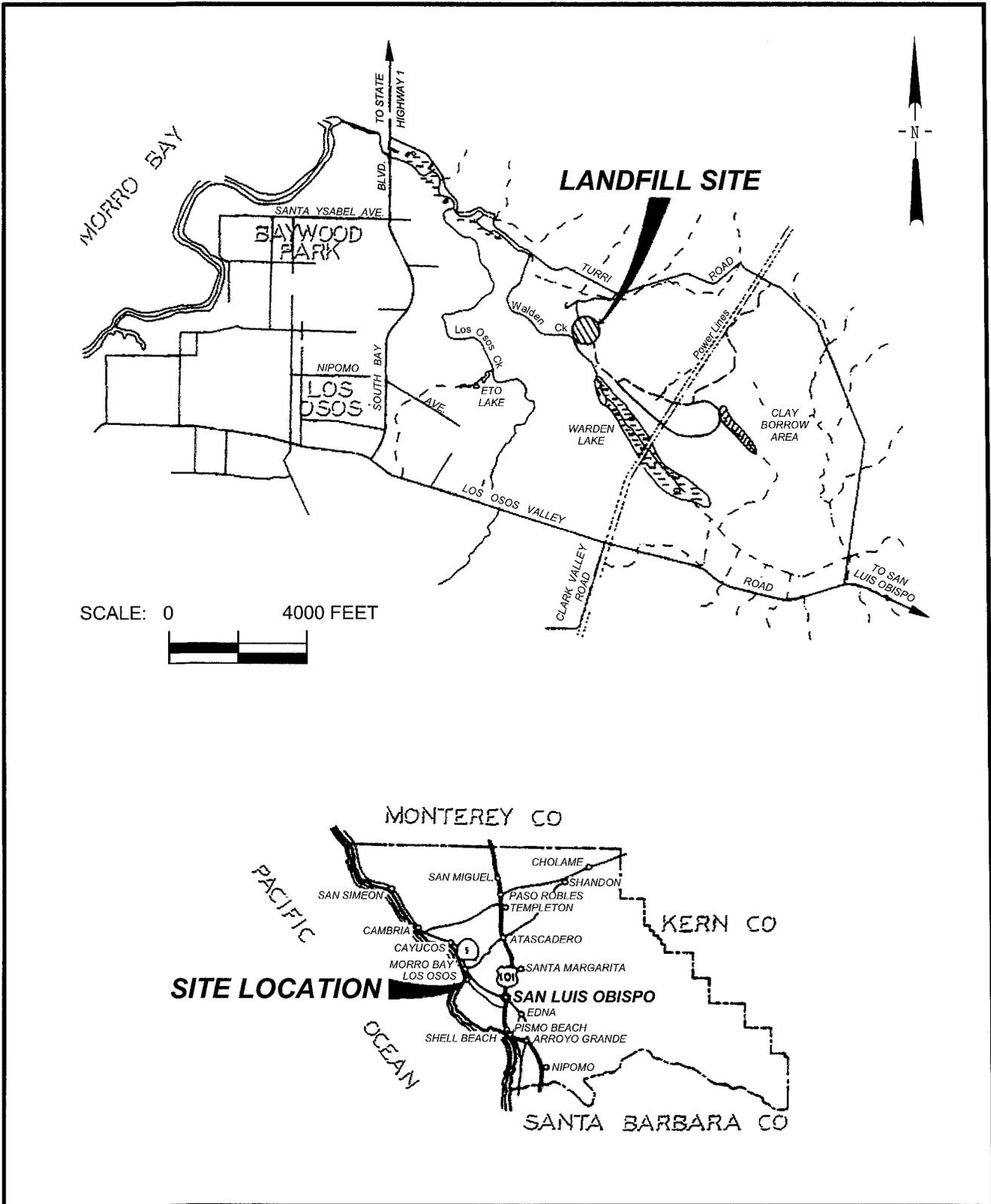
Attachments: Site Map
 Proposal
 Agreement for Engineering Consulting Services

File: SW 3.1

Reference: 06JUN26-C-7

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**Golder
Associates**

LOS OSOS LANDFILL
SAN LUIS OBISPO COUNTY, CALIFORNIA

SITE LOCATION

FIGURE

1

PROJECT NO.
053-7465

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