

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

(1) DEPARTMENT Public Works		(2) MEETING DATE April 25, 2006		(3) CONTACT/PHONE Dean Benedix, Utilities Division Manager (805) 781-5267	
(4) SUBJECT Request Approval of Amendment No. 2 to Contract with Pall Corporation for the Lopez Water Treatment Plant's Filtration Equipment, San Luis Obispo County Flood Control Zone 3, and Approval of a Resolution Granting Authority to the Director of Public Works to Approve and Sign Change Orders					
(5) SUMMARY OF REQUEST Request approval of Pall Corporation's Amendment No. 2, and approval of a resolution granting the Director of Public Works authority to approve and sign change orders up to a maximum cumulative total of \$100,000.					
(6) RECOMMENDED ACTION It is recommended that your Honorable Board: <ol style="list-style-type: none"> 1. Approve Amendment No. 2 to the Contract with Pall Corporation in an amount of \$19,466 to fund the construction of safety hand railing on four new storage tanks. 2. Approve a Resolution authorizing the Director of Public Works to approve and sign change orders to the Pall Contract up to a maximum cumulative total of \$100,000. 3. Approve a revised contract amount for Pall Corporation which totals \$2,266,666. 					
(7) FUNDING SOURCE(S) Flood Control Zone 3 Budget, SRF Loan		(8) CURRENT YEAR COST \$19,466		(9) ANNUAL COST N/A	
(10) BUDGETED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A <input type="checkbox"/> NO					
(11) OTHER AGENCY/ADVISORY GROUP INVOLVEMENT (LIST): County Counsel, California State Department of Health Services and Water Resources, Flood Control Zone 3 Technical and Advisory Committees					
(12) WILL REQUEST REQUIRE ADDITIONAL STAFF? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes, How Many? _____ <input type="checkbox"/> Permanent _____ <input type="checkbox"/> Limited Term _____ <input type="checkbox"/> Contract _____ <input type="checkbox"/> Temporary Help _____					
(13) SUPERVISOR DISTRICT(S) 3rd and 4th			(14) LOCATION MAP <input checked="" type="checkbox"/> Attached <input type="checkbox"/> N/A		
(15) AGENDA PLACEMENT <input checked="" type="checkbox"/> Consent <input type="checkbox"/> Hearing (Time Est. _____) <input type="checkbox"/> Presentation <input type="checkbox"/> Board Business (Time Est. _____)			(16) EXECUTED DOCUMENTS <input checked="" type="checkbox"/> Resolutions (Orig + 4 copies) <input type="checkbox"/> Contracts (Orig + 4 copies) <input type="checkbox"/> Ordinances (Orig + 4 copies) <input type="checkbox"/> N/A		
(17) NEED EXTRA EXECUTED COPIES? <input type="checkbox"/> Number: _____ <input checked="" type="checkbox"/> Attached <input checked="" type="checkbox"/> N/A			(18) APPROPRIATION TRANSFER REQUIRED? <input type="checkbox"/> Submitted <input type="checkbox"/> 4/5th's Vote Required <input checked="" type="checkbox"/> N/A		

Reference: 06APR25-C-6

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(19) ADMINISTRATIVE OFFICE REVIEW	<p style="font-size: 2em; font-family: cursive;">B-20 4/25/06</p> <p style="font-size: 1.5em; font-family: cursive;">[Signature]</p>
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SAN LUIS OBISPO COUNTY DEPARTMENT OF PUBLIC WORKS

Noel King, Director

County Government Center, Room 207 • San Luis Obispo CA 93408 • (805) 781-5252

Fax (805) 781-1229

email address: pwd@co.slo.ca.us

TO: Board of Supervisors of the San Luis Obispo County Flood Control and Water Conservation District (District)

FROM: Dean Benedix ^{DB} Utilities Division Manager

VIA: Paavo A. Ogren, Deputy Director of Public Works ^{Dr. G}

DATE: April 25, 2006

SUBJECT: Request Approval of Amendment No. 2 to Contract with Pall Corporation for the Lopez Water Treatment Plant's Filtration Equipment, San Luis Obispo County Flood Control Zone 3, and Approval of a Resolution Granting Authority to the Director of Public Works to Approve and Sign Change Orders

Recommendation

It is recommended that your Honorable Board:

1. Approve Amendment No. 2 to the Contract with Pall Corporation in an amount of \$19,466 to fund the construction of safety hand railing on four new storage tanks.
2. Approve a Resolution authorizing the Director of Public Works to approve and sign change orders to the Pall Contract up to a maximum cumulative total of \$100,000.
3. Approve a revised contract amount for Pall Corporation which totals \$2,266,666.

Discussion

The Lopez Water Treatment Plant (Plant), located eight miles east of the City of Arroyo Grande is being upgraded. The Plant has provided treated water to the South County for 36 years. Pall Corporation has a Contract with the District, dated November 4, 2003, to supply a low pressure membrane filtration system to meet current water quality requirements, which are significantly more stringent than when the facilities were originally constructed.

The plant upgrade has been under construction since October 2005. Pall Corporation is presently manufacturing the filtration system, including four tanks used for storing chemical membrane filtration fibers. Plant operators will need to access the tops of

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these tanks to maintain equipment. The current design calls for safety equipment including access tie-offs, (i.e. cables hooked from the ceiling to the operator's harness) in case the operator loses balance and falls. Tie-offs are cumbersome to work with and create operational inefficiencies.

As an alternative to tie-offs, the preferable safety equipment is to provide permanent perimeter hand rails on each of the four tanks, and to eliminate the tie off apparatus. The hand rails will enable the operators to work more effectively and safely on top of the tanks. Pall Corporation has given us a proposal of \$18,150 to add hand rails to the tanks.

In addition, construction of the upgrade plant will continue for at least another 13 months, and there may be subsequent contract revisions needed. The attached Resolution grants the Director of Public Works authority to approve and sign change orders to the Pall Corporation Contract up to a requested maximum cumulative total sum of \$100,000 which is slightly less than 5% of the contract total.

Other Agency Involvement/Impact

The District continues to work closely with Flood Control Zone 3 Advisory and Technical Advisory Committees to monitor and implement the Plant Upgrade Project. The State Department of Health Services monitors and assists in technical review of water treatment plant performance. A low interest State Revolving Fund loan for the plant upgrade has been awarded to cover the project costs.

Financial Considerations

The following is a summary of the Pall contract financial considerations:

Top perimeter hand rails for four tanks	\$18,150
Tax (7.25%)	<u>1,316</u>
Total	<u>\$19,466</u>

The new total Contract Cost is:

Original Contract	\$1,839,885
Amendment No. 1 (previously approved)	307,315
Amendment No. 2	19,466
Change Order Authorization	<u>100,000</u>
Total new Contract Cost	<u>\$2,266,666</u>

The total budget for the project is \$26 Million, and the recommended action is within construction contingencies. Consequently, no formal budget adjustments are required. See Exhibit A for a summary of the total project budget.

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Results

Approval of the recommended action will provide for additional safety and effectiveness for the low pressure membrane filtration system. Implementation of the Lopez Water Treatment Plant upgrade promotes healthy and safe communities.

Attachments: Zone 3 Boundary Map
 Project Timeline
 Amendment No. 2
 Exhibit A
 Resolution

File: CF 340.137.01.a Zone 3-Lopez Water Treatment Plant Upgrade Construction
Phase Pall-Stage II

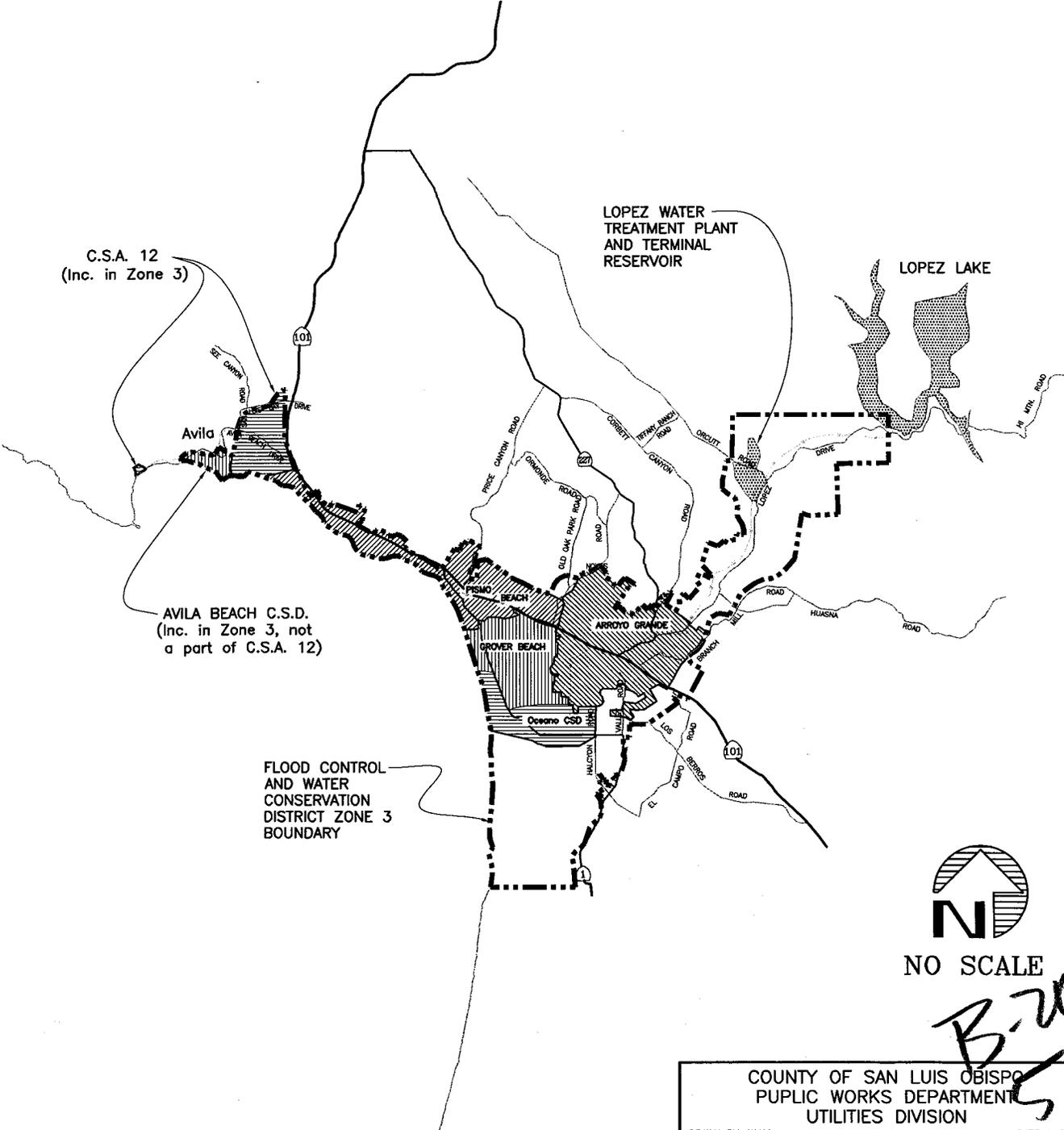
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COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT ZONE 3 - LOPEZ WATER SYSTEMS

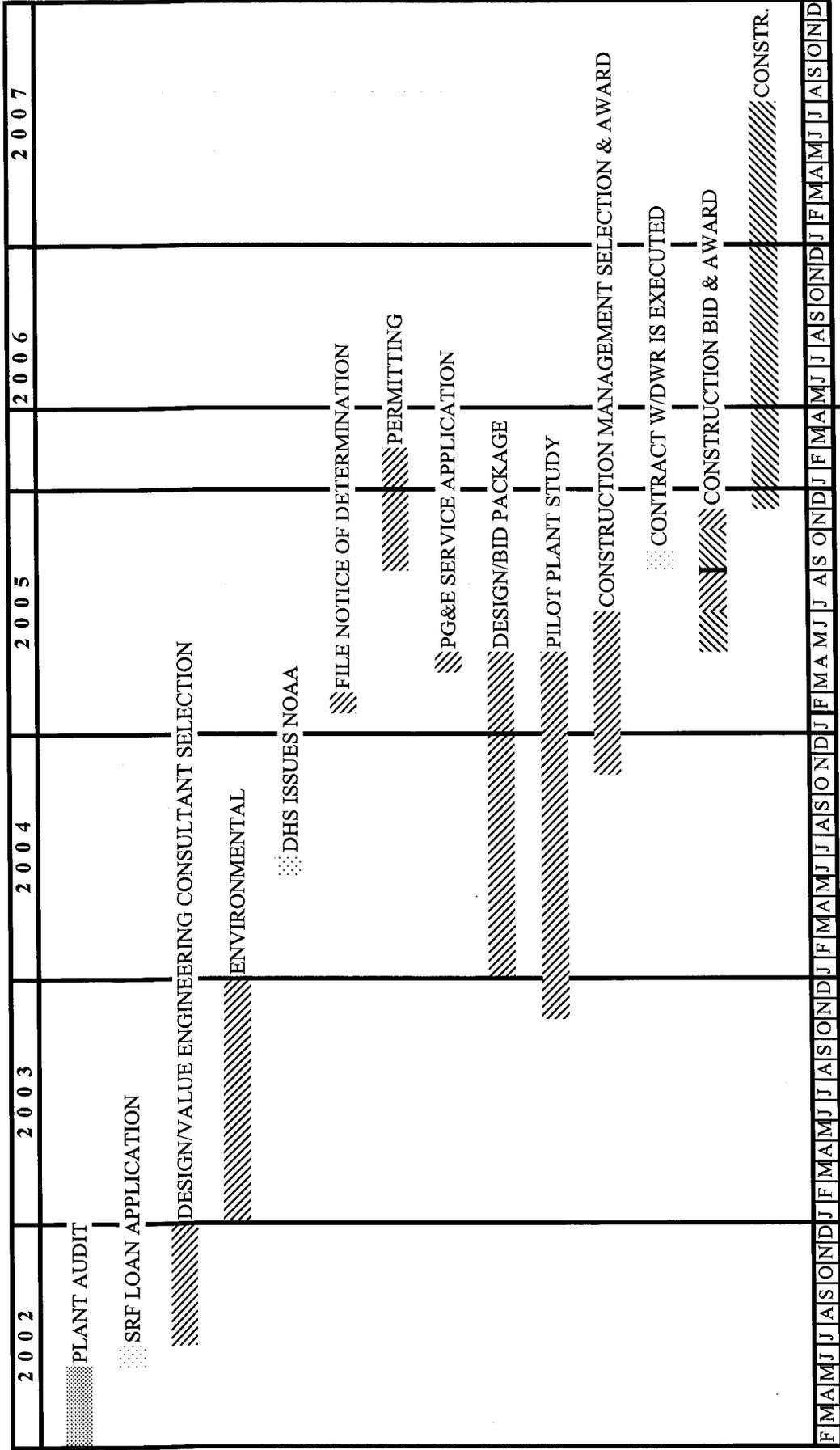
BOUNDARY MAP



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COUNTY OF SAN LUIS OBISPO
PUBLIC WORKS DEPARTMENT
UTILITIES DIVISION
DRAWN BY: W.H.L. DATE 9-01

San Luis Obispo County Flood Control and Water Conservation District Zone 3-Lopez Water Treatment Plant Upgrade Project Timeline



we're here

- = PLANT ASSESSMENT OR AUDIT
- = FINANCIAL
- = DESIGN, ENVIRONMENTAL AND PERMITTING
- = CONSTRUCTION

4. In all other respects, the remaining terms of the Contract shall remain in full force and effect.

IN WITNESS THEREOF, COUNTY and SUPPLIER have executed this Agreement on the day and year first hereinabove set forth.

IN WITNESS THEREOF, the parties hereto have executed this Agreement, and this Agreement shall become effective on the date shown signed by the County of San Luis Obispo.

FLOOD CONTROL AND WATER
CONSERVATION DISTRICT OF COUNTY
OF SAN LUIS OBISPO

Date: _____, 20__

By: _____
Chairperson of the Board of Supervisors
of the Flood Control and Water
Conservation District of the County of
San Luis Obispo, State of California

ATTEST:

County Clerk and Ex-Officio Clerk of the
Board of Supervisors, County of San Luis Obispo,
State of California

Date: _____

PALL CORPORATION

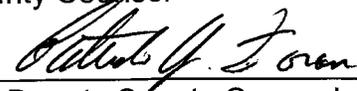
Date: _____, 20__

By: 
Thomas Poschmann
Title: Senior VP Water Processing

3-30-06

APPROVED AS TO FORM AND LEGAL EFFECT:

JAMES B. LINDHOLM, JR.
County Counsel

By: 
Deputy County Counsel

Date: 3/24/06

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EXHIBIT A

Lopez Water Treatment Plant Upgrade Project

<u>Phase</u>	<u>Budget</u>
Preliminary Phase	\$ 433,000
Design Phase	2,917,897
Construction	
County Staff and Other Professional Services	3,200,575
Construction Contractor	15,310,000
Construction -Membrane Supplier	2,147,200
Construction Contingencies	1,991,328
Total Construction Phase	<u>22,649,103</u>
Total Project Budget	<u><u>\$ 26,000,000</u></u>

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BEFORE THE BOARD OF SUPERVISORS

of the

**SAN LUIS OBISPO COUNTY FLOOD CONTROL
AND WATER CONSERVATION DISTRICT**

_____ day _____, 20__

PRESENT: Supervisors

ABSENT:

RESOLUTION NO.

**A RESOLUTION APPROVING THE LOPEZ WATER TREATMENT PLANT
UPGRADE PROJECT LOW PRESSURE MEMBRANE FILTRATION SYSTEM
PROCUREMENT CHANGE ORDER POLICY**

The following Resolution is now offered and read:

WHEREAS, the Lopez Water Treatment Plant, and appurtenant facilities provide water treatment for Zone 3 of the San Luis Obispo County Flood Control and Water Conservation District (District) for the Lopez water supply; and

WHEREAS, the 36-year old Lopez Water Treatment Plant needs upgrading in order to improve its reliability and to be able to meet water quality regulations; and

WHEREAS, the California State Department of Water Resources has granted a State Revolving Fund Loan of \$26 million to the Project; and

WHEREAS, the District has designed the upgrade project (Project) to improve plant reliability and regulatory compliance; construction of Project began in October 2005 and is continuing until May 1, 2007; and

WHEREAS, in accordance with the California State Public Contracts Code (Public Contracts Code), the District has hired a contractor to procure the low pressure membrane filtration system which is an integral part of the Project; and

WHEREAS, pursuant to Section 20142 of the Public Contracts Code, the Board of Supervisors of the District may authorize a District Officer to order changes or addition in the work.

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NOW, THEREFORE, BE IT RESOLVED AND ORDERED, by the Board of Supervisors of the San Luis Obispo County Flood Control and Water Conservation District, State of California, as follows:

That the Public Works Director be granted the authority to approve change orders for the low pressure membrane filtration procurement contract in a manner consistent with Public Contract Code Section 20142.

Upon motion of Supervisor _____, seconded by Supervisor _____, and on the following roll call vote, to wit:

AYES:

NOES:

ABSENT:

ABSTAINING:

the foregoing Resolution is hereby adopted.

Chairperson of the Board of Supervisors

ATTEST:

Clerk of the Board of Supervisors

[SEAL]

APPROVED AS TO FORM AND LEGAL EFFECT:

JAMES B. LINDHOLM, JR.
County Counsel

By: *James B. Lindholm, Jr.*
Deputy County Counsel

Dated: 3/24/06

LAUTILITY\APR06\BOS\Fall's Change Order Resolution.doc.

STATE OF CALIFORNIA, }
County of San Luis Obispo, } ss.

I, _____, County Clerk and ex-officio Clerk of the Board of Supervisors of the San Luis Obispo County Flood Control and Water Conservation District, do hereby certify the foregoing to be a full, true and correct copy of an order made by the Board of Supervisors, as the same appears spread upon their minute book.

WITNESS my hand and the seal of said Board of Supervisors, affixed this _____ day of _____, 20 _____.

(SEAL)

County Clerk and Ex-Officio Clerk of the Board of Supervisors
By *B. J.*
Deputy Clerk.

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