

THE BOARD OF SUPERVISORS OF THE COUNTY OF STANISLAUS  
ACTION AGENDA SUMMARY

DEPT: Environmental Resources

BOARD AGENDA # \*B-5

Urgent

Routine

AGENDA DATE August 18, 2015

CEO Concurs with Recommendation YES  NO

4/5 Vote Required YES  NO

(Information Attached)

SUBJECT:

Approval to Adopt Plans and Specifications for the Geer Road Landfill Aeration Channel and Groundwater Conveyance System Installation, and Pump Testing and Aeration Channel Pilot Test Project, and Set the Bid Opening Date and Time

STAFF RECOMMENDATIONS:

1. Adopt the plans, specifications, and working details for the Geer Road Landfill Aeration Channel and Groundwater Conveyance System Installation and Pump Testing and Aeration Channel Pilot Test Project.
2. Direct the Department of Environmental Resources to send the "Notice Inviting Bids," electronically and by mail to trade journals and newspaper advertisement as required by law.

(Continued on Page 2)

FISCAL IMPACT:

The Geer Road Operating Fund receives its funding from the Geer Road Closure Fund. Annually, funds are posted to the Geer Road Closure Fund from transfers from the Fink Road Landfill Operating Fund as follows: \$694,750 which is designated for corrective action (which began in Fiscal Year 2011 and is adjusted annually for inflation) and \$450,000 annually which is designated for post-closure maintenance. These funds are collected from a surcharge on the tipping fees at the Fink Road Landfill. The remaining cash balance in the Geer Road Closure Fund currently is \$2,629,028 as of August 1, 2015.

(Continued on Page 2)

BOARD ACTION AS FOLLOWS:

No. 2015-386

On motion of Supervisor Monteith, Seconded by Supervisor Chiesa  
and approved by the following vote,

Ayes: Supervisors: O'Brien, Chiesa, Monteith, DeMartini, and Chairman Withrow

Noes: Supervisors: None

Excused or Absent: Supervisors: None

Abstaining: Supervisor: None

1) X Approved as recommended

2) \_\_\_\_\_ Denied

3) \_\_\_\_\_ Approved as amended

4) \_\_\_\_\_ Other:

MOTION:

ATTEST:

  
CHRISTINE FERRARO TALLMAN, Clerk

File No.

Approval to Adopt Plans and Specifications for the Geer Road Landfill Aeration Channel and Groundwater Conveyance System Installation, and Pump Testing and Aeration Channel Pilot Test Project, and Set the Bid Opening Date and Time

**STAFF RECOMMENDATIONS (Continued):**

3. Authorize the Director of the Department of Environmental Resources, or designee, to oversee the public works of improvements associated with the Geer Road Landfill Aeration Channel and Groundwater Conveyance System Installation and Pump Testing and Aeration Channel Pilot Test Project (Project).
4. Direct the Clerk of the Board to publish the attached "Invitation to Bidders (Contractors)" for the Geer Road Landfill Aeration Channel and Groundwater Conveyance System Installation Project as required by law and set the deadline for submission of the bids as Wednesday, October 7, 2015, at 2:00 p.m.
5. Direct the Clerk of the Board to publish the attached "Invitation to Bidders (Contractors)" for the Geer Road Landfill Pump Testing and Aeration Channel Pilot Test Project as required by law and set the deadline for submission of the bids as Wednesday, October 7, 2015, at 2:30 p.m.

**FISCAL IMPACT (Continued):**

This Project is estimated to require a transfer of approximately \$500,000 at the time the contract(s) is awarded, which will leave a balance of approximately \$2,129,028.

**DISCUSSION:**

The Geer Road Landfill (Landfill) in Modesto, California, is owned jointly by Stanislaus County (County) and the City of Modesto and is managed by the Department of Environmental Resources. The Landfill was in operation from 1970 to 1990, providing disposal needs for the unincorporated County, the City of Modesto, as well as the other eight local cities.

Groundwater impacts in the form of volatile organic compounds (VOCs) have existed at the site since the mid-1980s. Since that time, corrective actions taken to address the impacts have included closing and capping the landfill, installing and operating a landfill gas (LFG) extraction and flare system, expanding the LFG system, and installing and operating a groundwater extraction and treatment system. Additional monitoring wells have been installed over time to assess groundwater conditions in and around the site.

On April 24, 2009, the Regional Water Quality Control Board (RWQCB) issued new Waste Discharge Requirements (WDR) and associated Monitoring and Reporting Program (MRP) Order Number R5-2009-0051 for the Geer Road Landfill. The County was in the process of complying with the requirements when the RWQCB issued a Cease and Desist Order R5-2011-0021 to the County on April 8, 2011, requiring the County to optimize the existing LFG collection and control system and improve the existing groundwater extraction and treatment system. On April 8, 2011, the RWQCB also issued a revised MRP Order Number R5-2011-0022.

In December 2014, the County completed the third and final phase of upgrades to the landfill gas system at the Landfill, and on June 2, 2015, the RWQCB issued a written approval of the

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Aeration Channel and Groundwater Conveyance System Installation Work Plan which was submitted on March 27, 2015. This next phase of work is directed at improving the existing groundwater extraction and treatment system and will also require a phased approach to complete all the necessary work. This first phase will require the installation of an aeration channel and groundwater conveyance system, groundwater pump testing, and a pilot test of the conveyance system. This work will be bid separately, although contractors may bid on either or both projects.

The County's consultant, Tetra Tech BAS, prepared the engineer-stamped plans, specifications, and materials list (Attachments A and B) for the Aeration Channel and Groundwater Conveyance System Installation and Pump Testing and Aeration Channel Pilot Test Project (Project).

The following tentative schedule is provided:

Adopt Plans & Specifications	August 18, 2015
Advertise (Estimated dates, subject to change)	August 30, 2015 September 6, 2015 September 13, 2015
Receive Bids	October 7, 2015
Award Contract	November 3, 2015
Notice to Proceed	November 4, 2015
Complete Construction	December 31, 2015*
*Construction report is due to the RWQCB by January 28, 2016	

This Project is categorically exempt from the California Environmental Quality Act (CEQA), per the following: Section 21084 of the Public Resources Code requires that a list of classes of projects which have been determined not to have a significant effect on the environment and which shall, therefore, be exempt from the provisions of CEQA, be identified. In response to this requirement, the Secretary for Resources identified several classes of projects including the following: Section 15308, of Title 14 of the California Code of Regulations, Article 19: Categorical Exemptions: Class 8 consists of actions taken by regulatory agencies (such as the RWQCB), as authorized by State or local ordinance, to assure the maintenance, restoration, enhancement, or protection of the environment.

Following the bid opening, staff will return to the Board with a recommendation to award the contract(s) to the lowest acceptable bidder.

**POLICY ISSUE:**

The recommend actions support the Board's priorities of A Safe Community, A Healthy Community, and A Well Planned Infrastructure System. It allows the County to complete another critical step in meeting the requirements of the Regional Water Quality Control Board related to the April 2011 Cease and Desist Order; the regulatory agency with primary oversight of the Geer Road Landfill. In addition, it supports the Department of Environmental Resource's mission to promote a safe and healthy environment and improve the quality of life in the

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community through a balance of science, education, partnerships, and environmental regulation.

**STAFFING IMPACTS:**

The Department of Environmental Resources staff will oversee the Geer Road Landfill Aeration Channel and Groundwater Conveyance System Installation and Pump Testing and Aeration Channel Pilot Test Project.

**CONTACT PERSON:**

Jami Aggers, Director of Environmental Resources

Telephone: 209-525-6770

**ATTACHMENTS:**

- A. Engineer-stamped plans, specifications, and materials list: Aeration Channel and Groundwater Conveyance System Installation (Available from the Clerk)
- B. Engineer-stamped plans, specifications, and materials list: Pump Testing and Aeration Channel Pilot Test Project (Available from the Clerk)
- C. Invitation to Bidders (Contractors)

**ATTACHMENTS AVAILABLE  
FROM YOUR CLERK**

## **Newspaper Advertisement**

### **INVITATION TO CONTRACTORS**

#### **“Geer Road Landfill Aeration Channel and Groundwater Conveyance System Installation”**

Owner is Stanislaus County Department of Environmental Resources, Modesto, CA. Sealed bids are due before 2:00 P.M., Wednesday October 7, 2015, to the Clerk of the Board of Supervisors, 1010 10<sup>th</sup> Street, Ste. 6700, Modesto, CA 95354. Project contact is Stephanie Musso, smusso@envres.org, or Fax: 209-525-6773. The work to be accomplished includes the furnishing and installation of the following: new underground 6-inch HDPE conveyance piping; tie-in connection from new conveyance piping to existing header; 4 new 2-inch HDPE lateral piping and valves; cleanouts and associated vaults along new conveyance piping; new bag filters and associated above ground valves and piping; corrugated HDPE pipe for aeration channel pilot test and excavation, backfilling and re-compaction of the temporary percolation test pits including providing and installing all other appurtenant equipment herein required as presented in the Construction Plans and Specifications. Plans and specifications are available FOR VIEWING, DOWNLOADING AND ORDERING on [www.modestoplanroom.com](http://www.modestoplanroom.com) by following the links. You can also find information for this project at the Modesto Reprographics webpage at [www.modestoreprographics.com](http://www.modestoreprographics.com). Paper copies are available from Modesto Reprographics. Call (209) 544-2400 for questions regarding the purchase of plans and specifications.

ATTACHMENT     C

## **Newspaper Advertisement**

### **INVITATION TO CONTRACTORS**

#### **“Geer Road Landfill Pump Testing and Aeration Channel Pilot Test Support”**

Owner is Stanislaus County Department of Environmental Resources, Modesto, CA. Sealed bids are due before 2:30 P.M., October 7, 2015, to the Clerk of the Board of Supervisors, 1010 10<sup>th</sup> Street, Ste. 6700, Modesto, CA 95354. Project contact is Stephanie Musso, [smusso@envres.org](mailto:smusso@envres.org), or Fax: 209-525-6773. The work to be accomplished includes performing post well installation testing of three newly installed groundwater extraction wells and one existing well and providing all other appurtenant equipment herein required as presented in the Construction Plans and Specifications. Plans and specifications are available FOR VIEWING, DOWNLOADING AND ORDERING on [www.modestoplanroom.com](http://www.modestoplanroom.com) by following the links. You can also find information for this project at the Modesto Reprographics webpage at [www.modestoreprographics.com](http://www.modestoreprographics.com). Paper copies are available from Modesto Reprographics. Call (209) 544-2400 for questions regarding the purchase of plans and specifications.

**DECLARATION OF PUBLICATION  
(C.C.P. S2015.5)**

**COUNTY OF STANISLAUS  
STATE OF CALIFORNIA**

I am a citizen of the United States and a resident Of the County aforesaid; I am over the age of Eighteen years, and not a party to or interested In the above entitle matter. I am a printer and Principal clerk of the publisher of THE MODESTO BEE, printed in the City of MODESTO, County of STANISLAUS, State of California, daily, for which said newspaper has been adjudged a newspaper of general circulation by the Superior Court of the County of STANISLAUS, State of California, Under the date of February 25, 1951, Action No. 46453; that the notice of which the annexed is a printed copy, has been published in each issue there of on the following dates, to wit:

Aug 29, 2015, Sep 05, 2015, Sep 12, 2015

I certify (or declare) under penalty of perjury That the foregoing is true and correct and that This declaration was executed at

MODESTO, California on

September 12th, 2015

(By Electronic Facsimile Signature)

Cynthia A. Williams

INVITATION TO CONTRACTORS

BID 15-01-DER

'Geer Road Landfill Aeration Channel and Groundwater Conveyance System Installation'

Owner is Stanislaus County Department of Environmental Resources, Modesto, CA. Sealed bids are due before 2:00 P.M., Wednesday October 7, 2015, to the Clerk of the Board of Supervisors, 1010 10 th Street, Ste. 6700, Modesto, CA 95354. Project contact is Stephanie Musso, smusso@envres.org, or Fax: 209-525-6773. The work to be accomplished includes the furnishing and installation of the following: new underground 6-inch HDPE conveyance piping; tie-in connection from new conveyance piping to existing header; 4 new 2-inch HDPE lateral piping and valves; cleanouts and associated vaults along new conveyance piping; new bag filters and associated above ground valves and piping; corrugated HDPE pipe for aeration channel pilot test and excavation, backfilling and re-compaction of the temporary percolation test pits including providing and installing all other appurtenant equipment herein required as presented in the Construction Plans and Specifications. Plans and specifications are available for viewing, DOWNLOADING AND ORDERING on [www.modestoplansroom.com](http://www.modestoplansroom.com) by following the links. You can also find information for this project at the Modesto Reprographics webpage at [www.modestoreprographics.com](http://www.modestoreprographics.com). Paper copies are available from Modesto Reprographics. Call (209) 544-2400 for questions regarding the purchase of plans and specifications.  
Pub Dates 8/29/15; 9/5/15; 9/12/15

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(C.C.P. S2015.5)**

**COUNTY OF STANISLAUS  
STATE OF CALIFORNIA**

I am a citizen of the United States and a resident Of the County aforesaid; I am over the age of Eighteen years, and not a party to or interested In the above entitle matter. I am a printer and Principal clerk of the publisher of THE MODESTO BEE, printed in the City of MODESTO, County of STANISLAUS, State of California, daily, for which said newspaper has been adjudged a newspaper of general circulation by the Superior Court of the County of STANISLAUS, State of California, Under the date of February 25, 1951, Action No. 46453; that the notice of which the annexed is a printed copy, has been published in each issue there of on the following dates, to wit:

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That the foregoing is true and correct and that  
This declaration was executed at

MODESTO, California on

September 12th, 2015

(By Electronic Facsimile Signature)

Cynthia A. Williams

INVITATION TO CONTRACTORS

BID 15-02-DER

'Geer Road Landfill Pump Testing and  
Aeration Channel Pilot Test Support'

Owner is Stanislaus County Department of Environmental Resources, Modesto, CA. Sealed bids are due before 2:30 P.M., October 7, 2015, to the Clerk of the Board of Supervisors, 1010 10th Street, Ste. 6700, Modesto, CA 95354. Project contact is Stephanie Musso, smusso@envres.org, or Fax: 209-525-6773. The work to be accomplished includes performing post well installation testing of three newly installed groundwater extraction wells and one existing well and providing all other appurtenant equipment herein required as presented in the Construction Plans and Specifications. Plans and specifications are available for viewing, DOWNLOADING AND ORDERING on [www.modestoploumroom.com](http://www.modestoploumroom.com) by following the links. You can also find information for this project at the Modesto Reprographics webpage at [www.modestoreprographics.com](http://www.modestoreprographics.com). Paper copies are available from Modesto Reprographics. Call (209) 544-2400 for questions regarding the purchase of plans and specifications.  
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