



**CITY OF LODI
COUNCIL COMMUNICATION**

AGENDA TITLE: Adopt Resolution Authorizing City Manager to Execute Task Order No. 32 with West Yost Associates, of Davis, for Preparation of the City's Report of Waste Discharge (\$33,100)

MEETING DATE: November 16, 2011

PREPARED BY: PublicWorks Director

RECOMMENDED ACTION: Adopt resolution authorizing City Manager to execute Task Order No. 32 with West Yost Associates, of Davis, for preparation of the City's Report of Waste Discharge, in the amount of \$33,100.

BACKGROUND INFORMATION: The City's current wastewater discharge permit, issued by the State Central Valley Regional Water Quality Control Board, is scheduled to expire on September 1, 2012. On July 20, 2011, Council authorized West Yost Associates (WYA) to continue providing assistance in meeting permit compliance requirements through September 2012.

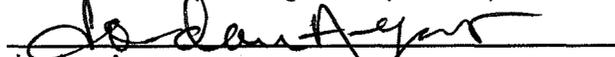
Under the current master agreement executed January 13, 1999, WYA has been the City's primary wastewater engineering firm for the White Slough facility and has consistently provided the City with excellent service. However, since the City's relationship with WYA has spanned over a decade, staff felt it prudent to evaluate other companies in order to determine the best-suited firm for providing continued National Pollutant Discharge Elimination System (NPDES) permit assistance through the City's next permit cycle.

On October 6, 2011, five firms were interviewed as part of a professional services selection process (Psomas Engineering, Brown & Caldwell, WYA, Carollo Engineers, and Stantec). Based on the interview results, two firms were shortlisted (Stantec and WYA). To evaluate cost, staff asked each firm to provide a proposal for preparing the City's Report of Waste Discharge (ROWD). The ROWD is the document that initiates the City's next permit negotiation process and is due on March 4, 2012. On October 14, 2011, ROWD-preparation proposals were submitted by WYA (\$33,100) and Stantec (\$29,000).

Both firms are competitive in price and technical expertise. However, WYA possesses significantly more institutional knowledge of the City's current permit, treatment processes and land application requirements. For this reason, staff recommends selecting WYA. The WYA proposal is attached.

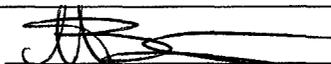
FISCAL IMPACT: The City's NPDES permit requirements must be followed by law. Nonperformance would subject the City to significant fines. The costs associated with this work have been anticipated in the City's Wastewater funding requirements.

FUNDING AVAILABLE: Wastewater Operating Fund (170403): \$33,100


Jordan Ayers
Deputy City Manager/Internal Services Director


F. Wally Sandelin
Public Works Director

Prepared by Charles E. Swimley, Jr., Deputy Public Works Director – Utilities
Attachment
cc: Deputy Public Works Director – Utilities

APPROVED: 
Konradt Bartlam, City Manager



PROPOSAL

CITY OF LODI

Wastewater Utility NPDES Permit Assistance — Report of Waste Discharge





October 14, 2011

Mr. Charles E. Swimley Jr., P.E.
Deputy Public Works Director - Utilities
1331 South Ham Lane
Lodi, California 95242

SUBJECT: Proposal to Provide Engineering Services—City of Lodi White Slough Water Pollution Control Facility Report of Waste Discharge

Dear Mr. Swimley:

West Yost Associates (West Yost) is pleased to present this proposal to develop a Report of Waste Discharge (ROWD) for the City of Lodi (City) White Slough Water Pollution Control Facility. The primary purpose of this effort will be to develop a complete and accurate permit application, which must be submitted to the Central Valley Regional Water Quality Control Board (Regional Board) by March 4, 2012, in accordance with the City's current Permit.

As requested, the following information is enclosed:

- A not to exceed fee proposal for preparing the City's Report of Waste Discharge including an hourly estimate, fee schedule and project schedule.
- A fee schedule reflecting hourly charge rates for the staff proposed in the SOQ. The hourly rates would be for "on call" services effective through December 31, 2012.

The total fee for completing the ROWD is estimated to be \$33,100. The ROWD will include a comprehensive evaluation of the City's data, quantification and reporting the anticipated effluent limitations, and clearly defining the City's long-term compliance strategy. Our history working with the City on regulatory matters will facilitate efficient development of this ROWD information.

The scope of services included in the attached proposal does not reflect subsequent on-call services that will likely be required after the ROWD has been submitted. West Yost will work with the City to define the scope of services for these on-call services as the project and other needs develop.

West Yost appreciates the opportunity to provide permitting services to the City and are excited to have an opportunity to work with the City through the next permit cycle. If you have any questions or need additional information, please do not hesitate to call Kathryn at (925) 461-6795.

Sincerely,

WEST YOST ASSOCIATES

A blue ink signature of Bruce G. West, written in a cursive style.

Bruce G. West, P.E.
Principal-in-Charge

A blue ink signature of Kathryn E. Gies, written in a cursive style.

Kathryn E. Gies, P.E.
Principal Engineer and Project Manager

CITY OF LODI
WHITE SLOUGH WATER POLLUTION CONTROL FACILITY
REPORT OF WASTE DISCHARGE

BACKGROUND

The current Permit was issued by the Regional Board on September 14, 2007 and expires September 1, 2012. The Permit includes a number of effluent limitations, which required that the City complete major upgrades to the Water Pollution Control Facility (WPCF) to achieve reliable compliance. In 2009, the City completed the WPCF upgrade projects needed to achieve this compliance. West Yost completed on behalf of the City a report titled: *Treatment Feasibility Study and Request for Flow Increase* (dated January 12, 2011). This report documents that the City is in compliance with all of the permit limitations for surface water discharge. As a result of this effort, the Regional Board issued a letter on August 15, 2011 that provides an *Approval of Flow Increase*. We will use the effluent characterization developed for the *Treatment Feasibility Study and Request for Flow Increase* as the basis for the development of the ROWD. As a result, very little effort will be needed to develop the effluent characterization data for the ROWD.

The City has also been working toward achieving compliance with the groundwater limitations included in the current Permit. A key part of this effort has been defining the Groundwater “background” conditions. In support of this effort, West Yost prepared on behalf of the City the *Background Groundwater Quality Characterization Report* (dated January 2011). We will clearly describe and use the information in this report, in addition to the information developed for a number of other studies we completed on behalf of the City, to complete the ROWD. Accurate and clear characterization of the information and conclusions of these studies will ensure Regional Board staff has an adequate understanding of the current groundwater conditions and the potential for the WPCF activities to affect those conditions. The relevant reports that we will consider in preparing the ROWD include:

- Organic Loading Study,
- Industrial Influent Characterization Study,
- Best Practicable Treatment and Control Evaluation Work Plan, and
- Annual Land Application Reports.

APPROACH

West Yost’s approach for developing ROWDs involves developing a comprehensive evaluation of the discharger’s data, quantifying and reporting the anticipated effluent limitations, and definition of a clear compliance strategy. West Yost has been providing regulatory compliance services to the City for a number of years. As such, we have well maintained a database and library of the relevant information, and have already completed the majority of efforts needed to develop a comprehensive ROWD.

To ensure we capture the important information needed to convey a complete understanding of the City's data (with a particular emphasis on the groundwater data), we will facilitate a meeting between the City and Regional Board staff prior to developing the ROWD to discuss the City's previous efforts and identify areas where there may still be outstanding concerns. This will help ensure that the ROWD adequately addresses any outstanding concerns.

Following this meeting, the first step in the ROWD process will be to evaluate the WPCF's historical data and identify the constituents that are, or have been, discharged in excess of applicable water quality objectives. These constituents are often referred to as the "constituents of concern," and the new WDRs will include effluent limitations for each of these constituents. Based on efforts completed to date, we have already identified the following potential constituents of concern for the WPCF:

- Nitrate,
- Nitrite,
- Ammonia, and
- Manganese.

The first three constituents listed above are included as constituents of concern in all of the NPDES permits issued for municipal wastewater treatment plants in the Central Valley. This is because all Central Valley municipal wastewater treatment plants have elevated levels of ammonia that must be treated to very low standards. This treatment step, called nitrification, converts ammonia to nitrate and nitrite. Consequently, all treatment plants have the potential to discharge these three parameters in concentrations that exceed water quality objectives. However, since the completion of the 2009 upgrade, the City has not had a problem complying with the effluent limitations for ammonia, nitrate and nitrite and it is anticipated that the City will not have significant compliance issues with respect to these constituents in the future.

The fourth constituent listed above, manganese, is not present in the wastewater influent but is present in the WPCF 2W water supply. In one sample collected over the last 5 years the effluent concentration of manganese exceeded the applicable water quality objective for manganese. In the past, the Regional Board would have compared this one sample to the water quality objective and would have concluded that an effluent limitation is needed. However, recent permits issued by the Regional Board have considered a comparison of the annual average concentrations of manganese to the applicable criteria when considering whether an effluent limitation is needed for manganese for a given discharger. West Yost will use this same approach in the ROWD - arguing that because the annual average manganese levels are less than the water quality objective, an effluent limitation for manganese is not necessary.

SCOPE OF SERVICES

The following discussion provides a detailed description of our proposed scope of work for completing the ROWD. The tasks included in the scope of work are:

- Task 1 - Report of Waste Discharge
- Task 2 - Permit Application Forms
- Task 3 - Project Management and Meetings

Task 1. Report of Waste Discharge

We will perform the following subtasks supporting completion of a comprehensive ROWD for the WPCF.

Effluent Flow and Water Quality Analysis

Under this task, we will utilize our existing database to complete an evaluation of the average and maximum daily flows, and the average dry weather flows for the last three years for inclusion in the ROWD. In addition, an assessment of the influent and effluent loadings of conventional pollutants will be provided. We will also update our recent assessment of the priority pollutants of concern in the City's effluent for the ROWD. This assessment will include an evaluation of the data collected by the City over the last year under the Effluent and Receiving Water Characterization Study. The assessment of priority pollutants that will be completed is referred to as a reasonable potential analysis. Where appropriate, West Yost will determine the anticipated future effluent limitations for each of the constituents of concern identified through the reasonable potential analysis.

Process Description

We will include in the ROWD the required description of the WPCF, layout drawings, and schematic diagrams illustrating the wastewater and solids treatment and handling operations. We will also include in the ROWD a description of the City's existing recycled water uses, an overview of historic field loadings, a description of the land application area Best Management Practices (including wintertime operational strategies to minimize impacts potentially associated with flooding), a description of the pond facility operations (including management of pond freeboard levels), and a summary of the treatment facility information included in the City's Title 22 Report. We have already developed these work products under previous efforts, and therefore, West Yost will bring cost efficiency to preparation of the ROWD.

Biosolids Generation and Disposal Assessment

West Yost will develop for the ROWD a description of the current and proposed future biosolids generation and disposal practices. This will include a presentation of available biosolids testing data. This information is included in the spreadsheet tool database already that we developed for the City.

Toxicity Evaluation

West Yost will evaluate and provide a summary of the City's historical chronic and acute toxicity monitoring data for inclusion in the ROWD. This analysis will also include an assessment of the historical testing procedures in comparison to the current standards required by the Regional Board.

Industrial Discharger Assessment/Pollution Prevention Plan

We will review recent flow characteristics data for each of the major industrial wastewater discharges to the WPCF and update (if necessary) the major industrial discharger data that was presented in the previous ROWD. The ROWD will also summarize the Pollution Prevention efforts that are documented in the Pollution Prevention Plan (PPP) completed by West Yost on behalf of the City in September 2010. The proposed efforts involve implementing a Best Management Practices (BMP) approach to educate the dentistry community of Lodi regarding the BMPs that can help reduce the potential for impacting waterways with the mercury discharged

from their facilities. This program will provide information to the dentist regarding amalgam separator devices; however, the City will not require the installation of these devices.

Receiving Water Assessment

We will summarize the currently available data to demonstrate whether the WPCF can comply with the receiving water-based limitations included in the City's existing Permit. In general, the City can readily comply with the majority of the receiving water-based limitations because these discharge levels are significantly lower than the receiving water criteria. Therefore, for these parameters no analysis is needed. However, some discussion would be warranted in the ROWD for the following:

- The current permit states that the City's discharge shall not cause the dissolved oxygen (D.O.) concentration in the receiving water to be reduced below 5.0 mg/L at any time. West Yost documented in the City's previous ROWD that, although the receiving water D.O. does at times drop below 5 mg/L, decreases in receiving water D.O. are not attributable to the WPCF discharge. As a result of this previous effort, the concerns regarding D.O. impacts that were in the City's 2000 permit were not included in the 2007 permit. It will be important to provide an update to the previous analysis in the ROWD to ensure concerns are not raised again regarding the impacts of the discharge on the receiving water D.O.
- The current permit also states that the discharge shall not cause the pH to be depressed below 6.5 or raised above 8.5. In a letter dated April 6, 2011, the Regional Board raised concerns regarding observed elevated pH levels in the receiving water. West Yost helped the City develop a response to this concern that discussed the relationship between phytoplankton (algae) and daily pH cycles and demonstrated that patterns of elevated D.O. and pH similar to those observed near the WPCF outfall have been observed in the San Joaquin River upstream of the City of Stockton Wastewater Treatment Facility. In addition, elevated nutrient and D.O. levels have historically been measured throughout the Delta – particularly during the winter months. Finally, a review of pH, D.O. and nitrogen levels in the receiving water at the various locations monitored by the City (both upstream and downstream of the discharge) show similar levels of nitrate, pH and D.O. This information would suggest that the discharge of nitrate from the WPCF has little impact on algae production in the receiving water, and larger, more regional influences are more likely the cause. It will be important to capture this information in the ROWD to ensure concerns are not raised in the next permit regarding the impacts of the discharge on the receiving water pH.

- The current permit does not include receiving water limitations for temperature. However, the permit does require the City to complete a Temperature Study to identify the appropriate temperature requirements for the discharge. Robertson-Bryan Inc., (subconsultant to West Yost) completed this study on the City's behalf in June 2010. Based on this effort, the following limitations are proposed:
 - The WPCF effluent shall not cause the temperature in Dredger Cut (as measured as RSW-001, which is 1,000 feet west of the discharge point) to exceed the following limitations, on an instantaneous basis:
 - 86°F for the period May through October,
 - 80°F for the month of April,
 - 75°F for the period March through November, and
 - 68°F for the period December through February.

Based on data collected by the City, the City is expected to readily comply with this new requirement. Nevertheless, the ROWD will need to summarize the results of the Temperature Study and provide a discussion of the historical data with respect to the proposed limitation.

Groundwater Characterization

West Yost has performed extensive monitoring and evaluation of the groundwater underlying the City's treatment and land application areas on behalf of the City. This data will be summarized for the ROWD. This will included a concise summary of the background characterization study and its conclusions.

Draft and Final Report of Waste Discharge Report

West Yost will develop the ROWD document. This report will be submitted as draft to the City for review. Following City review and incorporation of comments, we will finalize the ROWD and provide it to the City for submittal to the Regional Board.

Task 2. Permit Application Forms

West Yost will develop the NPDES permit application forms that must accompany the ROWD. These documents will be submitted in draft to the City for review. Following City review and incorporate of comments, we will finalize these documents and provided them to the City for submittal along with the ROWD to the Regional Board.

Task 3. Project Management and Meetings

This task will consist of project management activities, including client communications, general project coordination, and West Yost internal project management meetings. Brief descriptions of services performed will be included on monthly invoices.

In addition, to ensure continued achievement of consistently high quality work products, and in accordance with the West Yost Quality Assurance/Quality Control (QA/QC) policy, a West Yost staff member at the Principal Engineer level or higher will provide a review of key scope items and significant work products. The review will include timely suggestions for corrective actions where appropriate.

Finally, it is anticipated that West Yost will need to participate in up to two (2) meetings with the City and/or Regional Board staff at some point during the ROWD development process.

PROJECT BUDGET

Our estimated fee to perform the proposed scope of work described above is \$33,100. A breakdown of the estimated costs by task is shown in Table 1 and a detailed fee estimate and hourly breakdown is attached. West Yost will perform all work on a time and materials basis at standard company charge rates, and will not exceed the estimated cost without written authorization. Our current charge rate schedule is attached. We will not perform work in excess of the budgeted amount without the City’s prior written authorization.

Table 1. Estimated Project Fee for the WPCF Report of Waste Discharge	
Task	West Yost Estimated Staff Budget, dollars
Prepare Report of Waste Discharge	20,400
Permit Application Forms	8,000
Project Management and Meetings (2)	4,700
Total Project Budget	33,100

SCHEDULE

A detailed project schedule is attached. Work will begin upon notice to proceed. Given the limited timeline, it is recommended that a meeting be scheduled with the Regional Board staff as soon as possible after the City provides notice to proceed. The first draft of the ROWD will be submitted to the City for review by January 25th. West Yost will then participate in a meeting with the City following an estimated three-week review period. Following this meeting, the City will have an additional week to provide comments to West Yost – for a total review period of four weeks. West Yost will then develop the final ROWD documents for submission to the City no later than February 29th. This should provide adequate time for the City to submit the ROWD and permit application to the Regional Board by March 2, 2012.

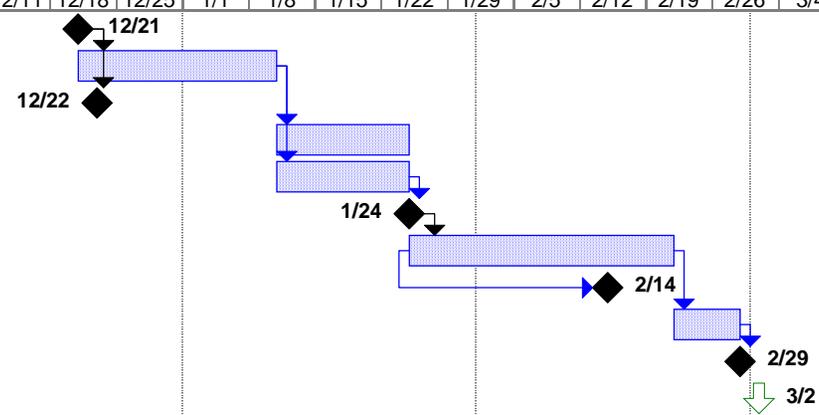
ADDITIONAL SERVICES

Following the submission of the ROWD, the Regional Board may request additional meetings, information, and/or other analyses to support the information presented in the permit application documents. In addition, it is anticipated that the City will require support in reviewing the draft Permit and developing a document that summarizes the City’s comments on the draft Permit. Finally, the new Permit will likely include some monitoring and/or reporting requirements that the City may request support from West Yost to develop. In addition to these permit related efforts, West Yost will also continue to be available to the City to assist (if requested) with other related wastewater matters, including: WPCF operational assistance and review; UV disinfection system evaluations; and design services. It is anticipated that the scope and fee for any services needed following the submission of the ROWD will be negotiated with the City at a later date.

Estimated Staff Hours and Budget West Yost Associates		Labor					Drafting		Modeling		Costs			Total Costs	
		P/VP \$206 West/Pelz	PE/PS \$179 Gies	PE/PS \$179 Loy	D/CAD \$92 Nichols	ADMIII \$81 Admin	Hours	Fee	Hours	Fee 25	Hours	Fee 25	Routine ODC 5%		Sub. w/ markup 10%
PROJECT: ROWD Assistance															
Task 1.0 Prepare ROWD															
1.01	Flows, Concentrations, RPA Calculations		16			16	\$ 2,864					\$ 143	\$ -		\$ 3,007
1.02	Process Description		4		2	6	\$ 900					\$ 45	\$ -		\$ 945
1.03	Biosolids Generation and Disposal		4			4	\$ 716					\$ 36	\$ -		\$ 752
1.04	Toxicity Evluation		8			8	\$ 1,432					\$ 72	\$ -		\$ 1,504
1.05	Industrial Discharger Assessment/PPP		4			4	\$ 716					\$ 36	\$ -		\$ 752
1.06	Receiving Water Assesment		8			8	\$ 1,432					\$ 72	\$ -		\$ 1,504
1.07	Groundwater Characerization		8	8		16	\$ 2,864					\$ 143	\$ -		\$ 3,007
1.08	ROWD Draft/Final	2	40		2	8	52	\$ 8,404				\$ 420	\$ -	\$ 100	\$ 8,924
Subtotal, Task 1 (hours)		2	92	8	4	8	114		0	0					
Subtotal, Task 1 (\$)		\$ 412	\$ 16,468	\$ 1,432	\$ 368	\$ 648		\$ 19,328		\$ -	\$ -	\$ 966	\$ -	\$ 100	\$ 20,394
Task 2.0 Permit Application Forms															
2.01	Permti Application Forms	2	40			42	\$ 7,572					\$ 379	\$ -		\$ 7,951
Subtotal, Task 2 (hours)		2	40	0	0	0	42		0	0					
Subtotal, Task 2 (\$)		\$ 412	\$ 7,160	\$ -	\$ -	\$ -		\$ 7,572		\$ -	\$ -	\$ 379	\$ -	\$ -	\$ 7,951
Task 3.0 Project Management and Meetings															
3.01	Meetings (2)		12			12	\$ 2,148					\$ 107	\$ -		\$ 2,255
3.02	General PM	4	8			12	\$ 2,256					\$ 113	\$ -	\$ 76	\$ 2,445
Subtotal, Task 3 (hours)		4	20	0	0	0	24		0	0					
Subtotal, Task 3 (\$)		\$ 824	\$ 3,580	\$ -	\$ -	\$ -		\$ 4,404		\$ -	\$ -	\$ 220	\$ -	\$ 76	\$ 4,700
TOTAL (hours)		8	152	8	4	8	180		0	0					
TOTAL (\$)		\$1,648	\$27,208	\$1,432	\$368	\$648		\$ 31,304		\$ -	\$ -	\$ 1,565	\$ -	\$ 176	\$ 33,045

City of Lodi White Slough Water Pollution Control Facility Report of Waste Discharge Project Schedule

ID	Task Name	Duration	December				January					February					
			12/4	12/11	12/18	12/25	1/1	1/8	1/15	1/22	1/29	2/5	2/12	2/19	2/26	3/4	
1	Notice to Proceed	0 days			◆												
2	Compile Data for ROWD	3 wks															
3	Meet with City/Regional Board	0 days															
4	Prepare Draft ROWD	2 wks															
5	Prepare Draft Permit Forms	2 wks															
6	Submit Draft ROWD and Permit Forms to City for Review	0 days															
7	City Review	1 mon															
8	Meet with City (and Regional Board if Needed)	0 days															
9	Finalize ROWD and Permit Forms	1 wk															
10	Submit ROWD and Permit Forms to City	0 days															
11	City Submits ROWD and Permit Forms to Regional Board	0 days															



Project: City of Lodi WPCF ROWD
Date: Fri 10/14/11

Task



Milestone ◆

Deadline ↴

It is anticipated that the scope and fee for any on call services will be negotiated with the City following the submission of the ROWD. The hourly charge rates for the key West Yost staff identified in the SOQ is provided in the detailed cost estimate for the ROWD. The hourly charge rates for other key staff identified in the SOQ include: Ms. Roberta Larson, a shareholder in the law firm of Somach, Simmons, and Dunn, who's charge rate is \$310/hour; Mr. Michael Bryan, a Principal Scientist and owner of Robertson-Bryan, Inc., who's charge rate is \$230/hr; Mr. Andrew Salveson, an Associate Vice President with Carollo Engineers, who's charge rate is \$197/hr; and Mr. Matt Moyner, an engineer at Wallace-Kuhl & Associates, who's charge rate is \$130/hr.

In addition, we have attached a fee schedule for all West Yost and Robertson-Bryan Inc. staff. As the nature of future on-call services is uncertain, it may be necessary to engage staff from within these two firms to assist with future efforts.

Note that the attached fee schedule for West Yost staff reflects our current charge rates, which have not been adjusted since December 2008. We are currently assessing whether an increase to these rates will occur for 2012. We understand our clients have also experienced financial stress over the last few years and we have consequently worked to keep our charge rates low. Nevertheless, we cannot continue to hold to our existing charge rates indefinitely. The increase for 2012, if any, will be 3 percent or less.



WEST YOST ASSOCIATES, INC.

2011 Billing Rate Schedule

(Effective January 1, 2011 through December 31, 2011)*

Position	Labor Charges (dollars per hr)
Principal/Vice President	206
Engineering Manager	196
Principal Engineer/Scientist	179
Senior Engineer/Scientist/GIS Analyst	161
Associate Engineer/Scientist	144
GIS Analyst	144
Engineer II/Scientist II	127
Engineer I/Scientist I	110
Construction Manager III	156
Construction Manager II	144
Construction Manager I	133
Resident Inspector III	121
Resident Inspector II	112
Resident Inspector I	98
Sr. Designer/Sr. CAD Operator	104
Designer/CAD Operator	92
Technical Specialist II	90
Technical Specialist I	78
Engineering Aide	65
Administrative IV	92
Administrative III	81
Administrative II	69
Administrative I	58

Outside Services such as vendor reproductions, prints, shipping, and major West Yost reproduction efforts, as well as Engineering Supplies, Travel, etc. will be billed at actual cost plus 15%.

Direct Costs including general computers, system charges, telephone, fax, routine in-house copies/prints, postage, miscellaneous supplies, and other incidental project expenses will be billed at 5% of West Yost labor charges.

Mileage will be billed at the current Federal Rate.

Subconsultants will be billed at actual cost plus 10%.

Computers are billed at \$25 per hour for specialty models and AutoCAD.

Expert witness, research, technical review, analysis, preparation and meetings billed at 150% of standard hourly rates. Expert witness testimony and depositions billed at 200% of standard hourly rates.

A Finance Charge of 1.5 percent per month (an Annual Rate of 18 percent) on the unpaid balance will be added to invoice amounts if not paid within 45 days from the date of the invoice.

Billing rates apply to all computers and equipment, whether owned or rented by West Yost, and to all employment categories including regular full-time, part-time, limited term and contract personnel as defined in West Yost's Employee Handbook.

*This schedule will be updated annually

WEST YOST ASSOCIATES, INC.
2011 Billing Rate Schedule
(Cont'd.)

(Effective January 1, 2011 through December 31, 2011)*

SURVEYING AND EQUIPMENT CHARGES

Position	Labor Charges (dollars per hr)
GPS, 3-Person	317
GPS, 2-Person	271
GPS, 1-Person	213
Survey Crew, 2-Person	230
Survey Crew, 1-Person	173

EQUIPMENT CHARGES

Equipment	Billing Rate (dollars per day)	Billing Rate (dollars per week)
DO Meter	16	77
pH Meter	5	24
Automatic Sampler	120	658
Transducer/Data Logger	38	190
Hydrant Pressure Gage	11	47
Hydrant Pressure Recorder (HPR)	—	190
Hydrant Wrench	5	30
Pitot Diffuser	27	124
Well Sounder	27	124
Ultrasonic Flow Meter	—	249
Vehicle	82	412
Velocity Meter	11	60
Water Quality Multimeter	163	891
Thickness Gage	—	66

*This schedule will be updated annually



2011-2012 FEE SCHEDULE

Charges for project work performed by Robertson-Bryan, Inc. (RBI) will be calculated and billed at the hourly rates shown below.

PROFESSIONAL SERVICES	RATE/HOUR
◆ Principal Engineer/Scientist	\$230.00
◆ Resource Director	\$195.00
◆ Senior Engineer/Scientist II	\$185.00
◆ Senior Engineer/Scientist I	\$175.00
◆ Project Engineer/Scientist III	\$165.00
◆ Project Engineer/Scientist II	\$160.00
◆ Project Engineer/Scientist I	\$145.00
◆ Staff Engineer/Scientist II	\$135.00
◆ Staff Engineer/Scientist I	\$130.00
◆ Technical Analyst	\$120.00
◆ Graphics/GIS	\$115.00
◆ Administrative Assistant	\$80.00
◆ Intern	\$55.00

Up to ten percent (10%) of subcontractor charges will be added to cover administrative costs. Hourly rates will be increased by a minimum of fifty percent (50%) for depositions, trials, and hearings.

INVOICING AND PAYMENTS

Invoices will be issued on a monthly basis for all work performed on a project. Payment is due upon receipt of the invoice.

RESOLUTION NO. 2011-180

A RESOLUTION OF THE LODI CITY COUNCIL AUTHORIZING THE
CITY MANAGER TO EXECUTE TASK ORDER NO. 32 WITH WEST
YOST ASSOCIATES FOR PREPARATION OF THE CITY'S REPORT
OF WASTE DISCHARGE

=====

WHEREAS, the City's current wastewater discharge permit, issued by the State Central Valley Regional Water Quality Control Board, is scheduled to expire on September 1, 2012; and

WHEREAS, under the current master agreement executed January 13, 1999, West Yost Associates, of Davis, has been the City's primary wastewater engineering firm for the White Slough facility and has consistently provided the City with excellent service. However, since the City's relationship with West Yost Associates has spanned over a decade, staff felt it prudent to evaluate other companies in order to determine the best-suited firm for providing continued National Pollutant Discharge Elimination System (NPDES) permit assistance through the City's next permit cycle; and

WHEREAS, five firms were interviewed, and based on interview results, two firms were asked to provide a proposal for preparation of the City's Report of Waste Discharge. On October 14, 2011, proposals were submitted by West Yost Associates (\$33,100) and Stantec (\$29,000); and

WHEREAS, both firms are competitive in price and technical expertise; however, staff recommends selecting West Yost Associates as that firm possesses significantly more institutional knowledge of the City's current permit, treatment processes, and land application requirements.

NOW, THEREFORE, BE IT RESOLVED that the Lodi City Council does hereby authorize the City Manager to execute Task Order No. 32 with West Yost Associates, of Davis, California, in the amount of \$33,100, for the preparation of the City's Report of Waste Discharge.

Dated: November 16, 2011

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I hereby certify that Resolution No. 2011-180 was passed and adopted by the City Council of the City of Lodi in a regular meeting held November 16, 2011, by the following vote:

AYES: COUNCIL MEMBERS – Hansen, Katzakian, Nakanishi, and
Mayor Johnson

NOES: COUNCIL MEMBERS – None

ABSENT: COUNCIL MEMBERS – Mounce

ABSTAIN: COUNCIL MEMBERS – None


RANDI JOHL
City Clerk