



# Yucaipa Valley Water District

## **Notice and Agenda of a Board Workshop** Tuesday, January 25, 2011 at 4:00 p.m.

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MEETING LOCATION: District Administration Building  
12770 Second Street, Yucaipa

MEMBERS OF THE BOARD: Director Ian Cuthbertson, Division 1  
Director Bruce Granlund, Division 2  
Director Jay Bogh, Division 3  
Director Lonni Granlund, Division 4  
Director Hank Wochholz, Division 5

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- I. Call to Order
- II. Public Comments: At this time, members of the public may address the Board of Directors on matters within its jurisdiction; however, no action or significant discussion may take place on any item not on the agenda. To provide comments on specific agenda items, please complete a speaker's request form and provide that form to the Board Secretary prior to the commencement of the Board meeting.
- III. Staff Comments
- IV. Workshop Presentations
  - A. Overview of Statistics and Benchmarks for 2010 [[Workshop Memorandum No. 11-011 - Page 3 of 26](#)]
- V. Capital Improvement Projects
  - A. Status Report on the Construction of the Yucaipa Valley Regional Brineline [[Workshop Memorandum No. 11-012 - Page 4 of 26](#)]
  - B. Status Report on the Construction of 30" and 8" Pipelines in Second Street, Yucaipa [[Workshop Memorandum No. 11-013 - Page 7 of 26](#)]
- VI. Development Related Issues
  - A. Overview of a Development Agreement for the Cherry Valley Plaza Development [[Workshop Memorandum No. 11-014 - Page 11 of 26](#)]

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Any person with a disability who requires accommodation in order to participate in this meeting should telephone Chelsie Fogus at (909) 797-5118, at least 48 hours prior to the meeting in order to make a request for a disability-related modification or accommodation.

Materials related to an item on this agenda submitted to the Board of Directors after distribution of the workshop packet are available for public inspection during normal business hours at the District office located at 12770 Second Street, Yucaipa. Meeting material may also be available on the District's website at [www.yvwd.dst.ca.us](http://www.yvwd.dst.ca.us)

VII. Administrative Issues

- A. Discussion Regarding an Agreement to Facilitate Compensatory Mitigation Efforts with the Inland Empire Resource Conservation District for Impacts Associated with San Timoteo Creek [[Workshop Memorandum No. 11-015 - Page 12 of 26](#)]
- B. Discussion Regarding the Authorization to Complete Environmental Studies Related to the Expansion of the Regional Recycled Water Conveyance System [[Workshop Memorandum No. 11-016 - Page 18 of 26](#)]

VIII. Director Comments

IX. Adjournment



**Date: January 25, 2011**

**Subject: Overview of Statistics and Benchmarks for 2010**

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As part of our annual audited financial statements, the District staff prepares a management report summarizing our activities during the fiscal year ending on June 30<sup>th</sup>. This report provides a comparison of our financial strength and activities as they relate to the audited financial statements.

At the board workshop on January 25, 2011, the District staff will provide similar information based on the twelve month calendar year, instead of the fiscal year. The purpose of this information is to provide trends that will be useful for the planning and preparation of the budget for fiscal year 2012.

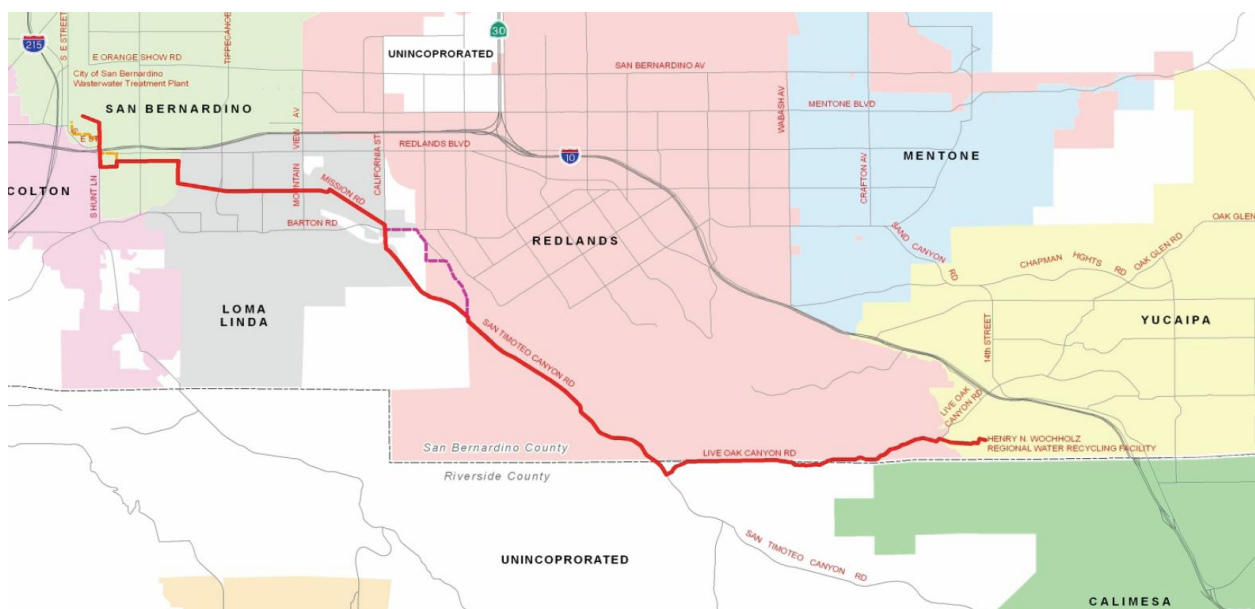
**Date:** January 25, 2011

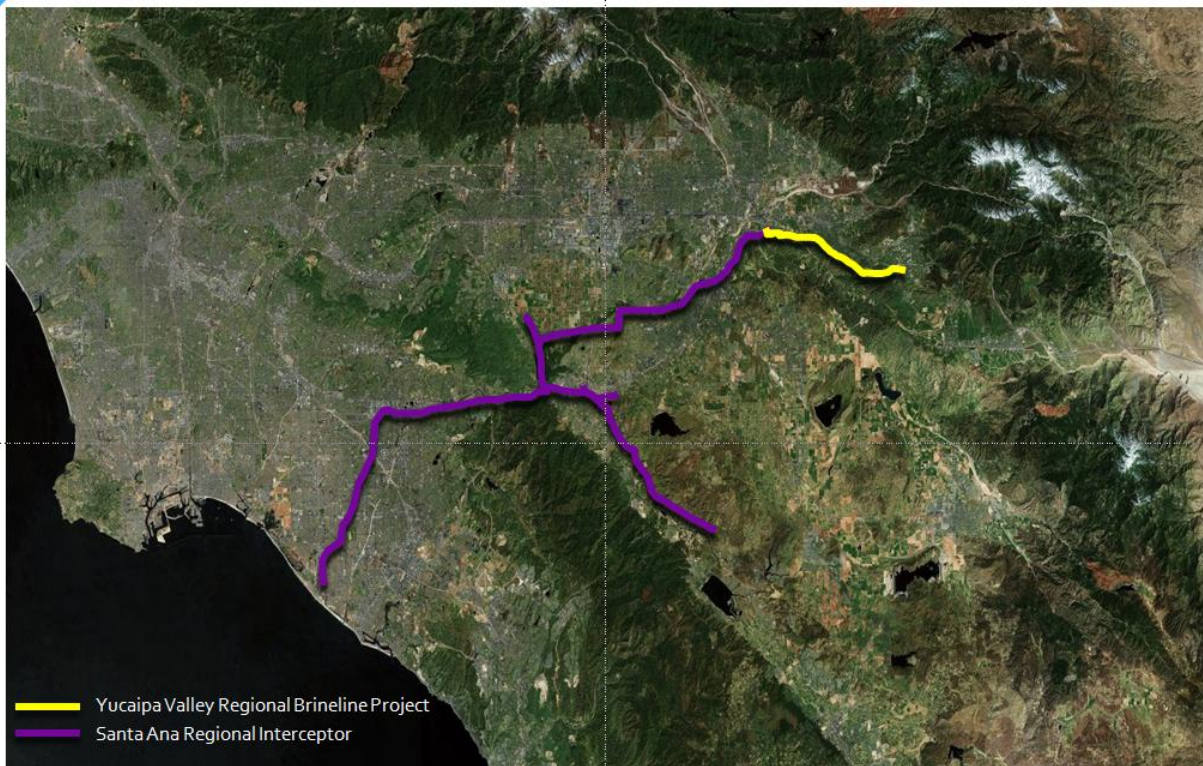
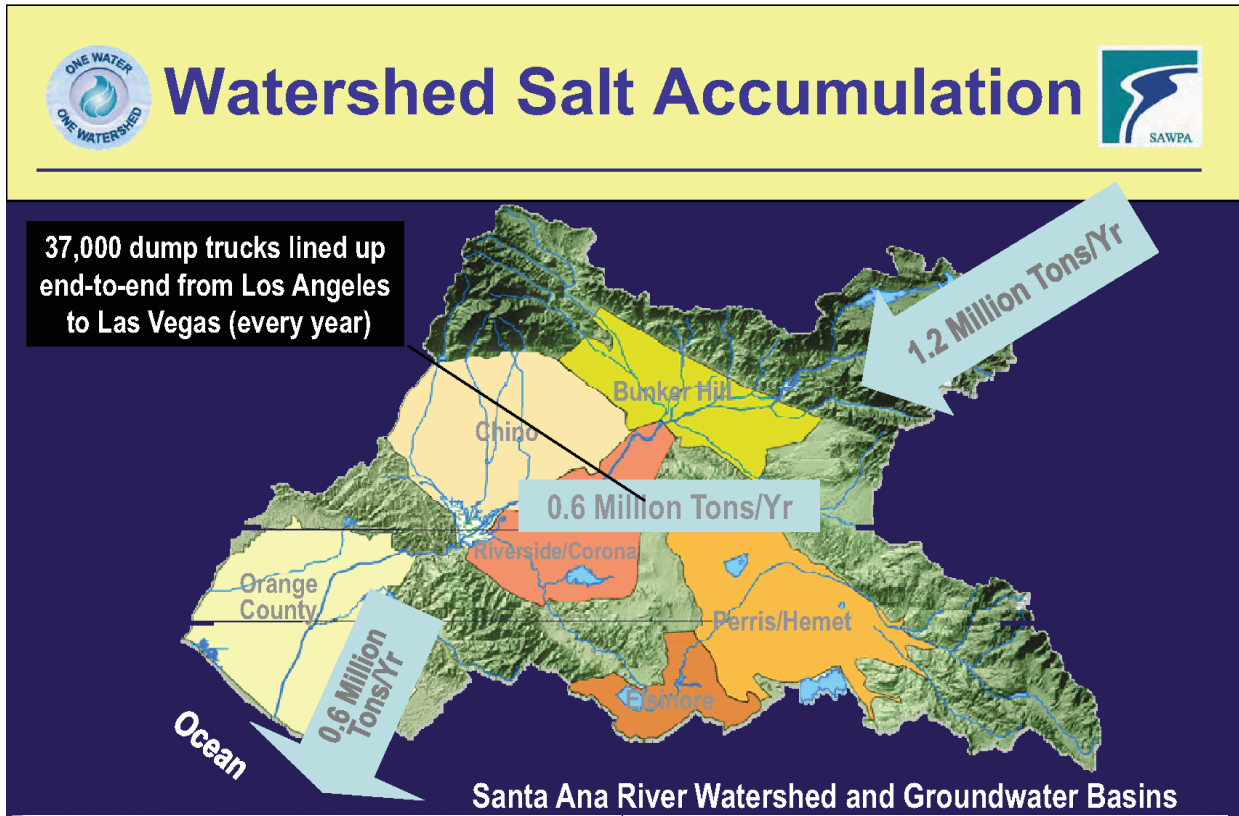
**Subject:** Status Report on the Construction of the Yucaipa Valley Regional Brinline

Yucaipa Valley Water District is in the process of constructing the Yucaipa Valley Regional Brinline in order to produce recycled water that complies with groundwater basin objectives as established by the Regional Water Quality Control Board. In order to comply with these limits, the District is required to add a reverse osmosis process to the wastewater treatment plant. This will enable the District to remove salts and minerals from depositing in to the groundwater basin. The proposed reverse osmosis system will produce salt water, referred to as “brine”, that must be sent to the Pacific Ocean so it does not impact any fresh water supplies downstream of the Yucaipa Valley.

The Yucaipa Valley Regional Brinline Project consists of a 15-mile pipeline through which the District can safely and effectively dispose of the salt water produced. This pipeline will commence at the Wochholz Regional Water Recycling Facility and terminate at an existing brinline extending another 73 miles traversing San Bernardino, Riverside and Orange counties to Orange County Sanitation District Wastewater Treatment Plant No. 2 in Huntington Beach, where the salt water is treated with domestic sewage and then sent to the ocean or reclaimed by Orange County Water District.

During this agenda item, the District staff will be providing an update of the construction status of the Yucaipa Valley Regional Brinline Project.





**Yucaipa Valley Regional Water Supply Renewal Project**





**Date: January 25, 2011**

**Subject: Status Report on the Construction of 30" and 8" Pipelines in Second Street, Yucaipa**

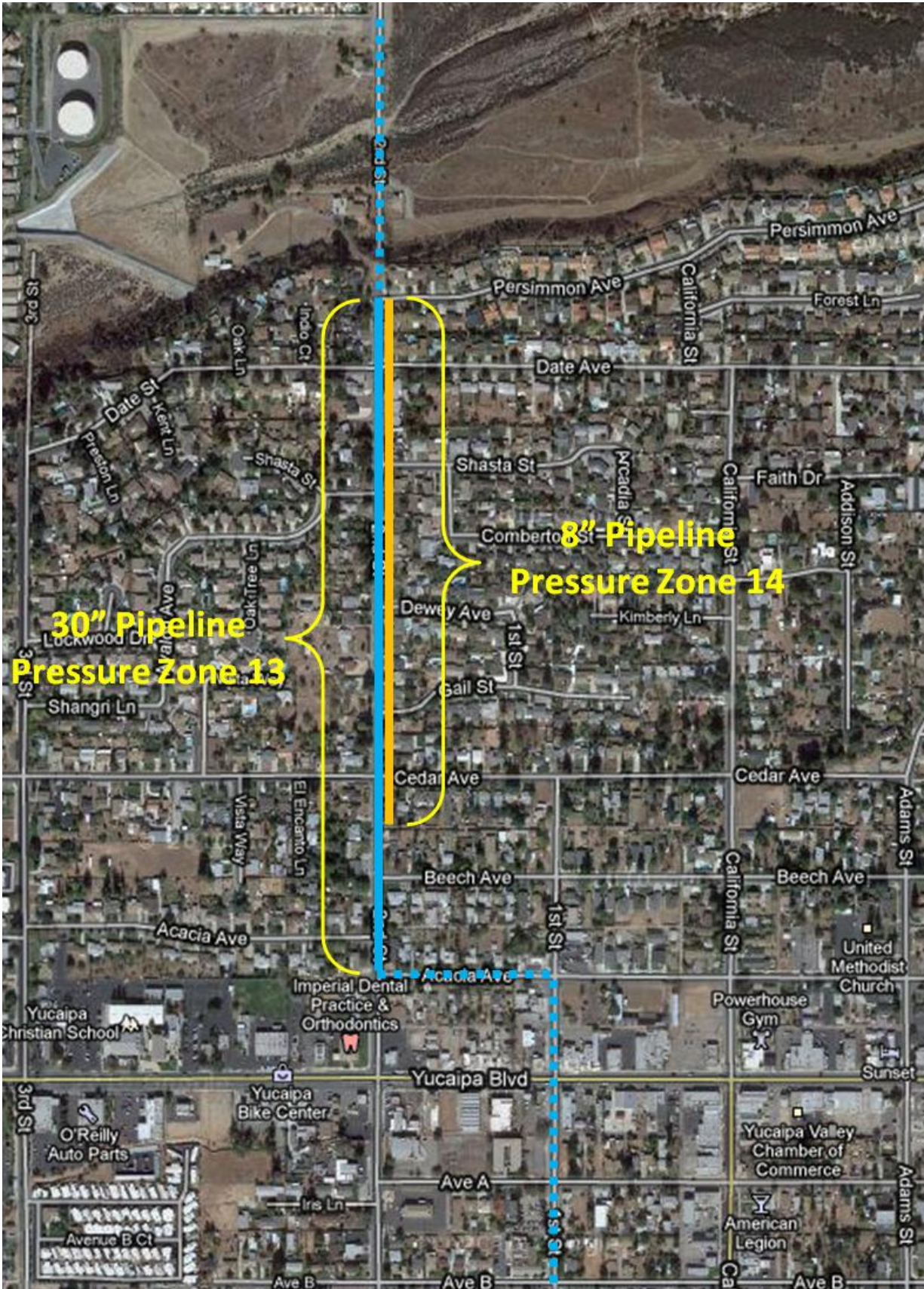
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The District staff has received bids for the construction of potable water pipelines to be installed in Second Street as shown on the attached map.

The proposed project involves the following two elements:

- Construction of about 2,000 feet of an 8" diameter ductile iron pipeline on Second Street from Persimmon Avenue to a point south of Cedar Avenue (Bid Schedule I); and
- Construction of about 2,600 feet of a 30" diameter ductile iron conveyance pipeline on Second Street from Persimmon Avenue to Acacia Avenue.

The current construction period will require completion within 125 calendar days following the board award of the construction contract. Based on an anticipated award date of February 2, 2011, the project would be completed by the end of June 2011.





INCORPORATED • ENGINEERING CONSULTANTS

3602 University Ave • Riverside, CA 92501 • Tel 951-684-6900 • Fax 951-684-6986

December 30, 2010

818-36.5 F/C

Brent Anton  
 Yucaipa Valley Water District  
 12770 Second Street  
 Yucaipa, CA 92399

Subject: 30" Potable Water Conveyance Pipeline - Phase I and 8" Second St. Pipeline  
 Bid Results and Award Recommendation

Dear Mr. Anton:

On December 16, 2010, the Yucaipa Valley Water District (District) received sixteen bids for subject project; the results are as follows (a breakdown by bid item is shown in the attached Bid Results table):

<u>Contractor</u>	<u>Bid Amount</u>
Pro-Craft Construction, Inc.	\$949,742.00
TBU, Inc.	\$992,784.00
C.P. Construction Company, Inc.	\$1,030,000.00
E.J. Meyer Company	\$1,061,110.00
Mamco, Inc.	\$1,069,811.11
Utah Pacific Construction Company	\$1,197,382.00
Garcia Juarez Construction, Inc.	\$1,231,570.00
Merlin Johnson Construction	\$1,265,062.00
Kana Pipeline, Inc.	\$1,295,400.00
Genesis Construction	\$1,297,242.00
Weka, Inc.	\$1,366,859.00
El-Co Contractors, Inc.	\$1,481,173.00
Mike Bubalo Construction, Inc.	\$1,486,480.00
Vido Artukovich & Son, Inc.	\$1,689,800.00
Pyramid Building & Engineering, Inc.	\$1,934,200.58
Downing Construction, Inc.	\$2,217,329.00

The low bidder is Pro-Craft Construction, Inc. in the amount of \$949,742.00. We have reviewed Pro-Craft Construction, Inc.'s bid documents and all are in order.

Since construction of the 30" Potable Water Conveyance Pipeline - Phase I and 8" Second St. Pipeline is necessary to improve the supply and fire protection in Second Street, and since Pro-Craft Construction, Inc. is an experienced, capable contractor with a current Class A Contractor's License (No. 467234), we recommend award of subject work to Pro-Craft Construction, Inc. in the amount of \$949,742.00.



Brent Anton  
December 30, 2010  
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If you have any questions, please call.

Sincerely,

KRIEGER & STEWART

A handwritten signature in blue ink that reads "Patrick M. Watson".

Patrick M. Watson

PMW/lgm  
818-36-RECAWARD

Attachment: Bid Results

**Date:** January 25, 2011

**Subject:** Overview of a Conceptual Initial Agreement for the Cherry Valley Plaza Development

The District staff has been working with the current property owner and a potential buyer of a 16 acre commercial center located in the City of Calimesa. The proposed development would have been logically served by the water and sewer facilities installed by the SunCal development. However since the residential construction has stopped, the District staff is attempting to create a mechanism to facilitate the fair share contribution of all parties for the construction of the R-12.4 reservoir that will ultimately provide fire protection and service to the proposed commercial development and other areas of this southernmost water pressure zone.

At the workshop, the District staff will be providing an overview of the issues associated with this project and potential solutions to facilitate the project.





**Date:** January 25, 2011

**Subject:** Discussion Regarding an Agreement to Facilitate Compensatory Mitigation Efforts with the Inland Empire Resource Conservation District for Impacts Associated with San Timoteo Creek

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Yucaipa Valley Water District is in the process of constructing a secondary pipeline for the release of water to San Timoteo Creek at the Live Oak Canyon Road bridge. This second pipeline will be parallel to the brineline and used to convey water to this new release point as part of the District's adaptive habitat management plan.

Construction of the proposed pipeline will involve permanent and temporary impacts to the streambed and require compensatory mitigation through the California Department of Fish and Game (CDFG). CDFG has requested the District to complete the mitigation requirements with the Inland Empire Resource Conservation District. The agreement is attached for review.

## AGREEMENT TO FACILITATE COMPENSATORY MITIGATION EFFORTS

This COMPENSATORY MITIGATION AGREEMENT (“Agreement”) is entered into this \_\_\_\_ day of January 2011 (“Execution Date”) by and between YUCAIPA VALLEY WATER DISTRICT, a governmental special district (“YVWD”) and the INLAND EMPIRE RESOURCE CONSERVATION DISTRICT, a governmental special district (“IERCD”).

### RECITALS

WHEREAS, YVWD is planning to construct a new outfall where Live Oak Canyon Road crosses over San Timoteo Creek. A second pipeline will be constructed alongside the brineline from the Wochholz Regional Water Recycling Facility (WRWRF). The discharge pipeline is a component of the District’s Non-Potable Water Distribution System Project (“Project”) and will be constructed in tandem with pipeline construction Phase 1 of the Regional Brineline Extension Project.

WHEREAS, YVWD has received an Operation of Law letter from the California Department of Fish and Game (“CDFG”) (“Operation of Law Letter”) attached as Exhibit “A”; and

WHEREAS, the Operation of Law Letter requires the YVWD to contribute “sufficient funds to the Inland Empire Resource Conservation District for the restoration of 0.005 acres of riparian habitat”; and

WHEREAS, IERCD is a Resource Conservation District formed for the control of runoff, the prevention or control of soil erosion, and the improvement of land capabilities to pursuant to Public Resources Code section 9151 *et seq.*; and

WHEREAS, IERCD may accept grants of money to carry out its purposes and may establish and charge fees for services provided upon request pursuant to Public Resources Code sections 9401 *et seq.*; and

WHEREAS, YVWD and IERCD (collectively, the “Parties”) desire to enter into this Agreement to set forth the terms and conditions pursuant to which YVWD agrees to provide funds and IERCD agrees to restore 0.005 acres of riparian habitat.

### AGREEMENT

NOW, THEREFORE, in consideration of the above and the mutual covenants, terms and conditions contained herein, and pursuant to the laws of the State of California, YVWD and IERCD hereby agree as follows:

1. IERCD hereby agrees to restore 0.005 acres of riparian habitat within its Goose Creek Conservation Easement located at the Goose Creek Golf Club adjacent to the Santa Ana River in the community of Mira Loma, an unincorporated area within the County of Riverside. YVWD agrees to pay IERCD the lump sum amount of seven thousand five hundred dollars (\$7,500.00)

(“Restoration Funds”). IERCD will provide YVWD with a receipt to demonstrate YVWD’s payment of the Restoration Funds. The Restoration Funds shall be paid by YVWD to IERCD, by check payable to the Inland Empire Resource Conservation District within 30 days from the execution of this Agreement (Section 1 defines the “Transaction”). IERCD shall have no obligation under this Agreement until it receives such funds. In the unlikely event that the Goose Creek Conservation Easement is not finalized, executed and recorded in favor of IERCD, IERCD agrees to work with CDFG to find a new, suitable location for the 0.005 acres of restoration.

2. The transaction described in Section 1 above is not intended as a sale or transfer to YVWD of a security, license, lease, easement, or possessory or non-possessory interest in real property, nor the granting of any interest of the forgoing.

3. YVWD shall have no obligation whatsoever by reason of the Transaction to support, pay for, monitor, report on, sustain, or otherwise be obligated or liable for the success or continued expense or maintenance of the 0.005 acres. IERCD agrees to restore, monitor and make reports to the CDFG on the status of the 0.005 acres no less than annually for nor more than five (5) years in a form as determined by IERCD in consultation with CDFG.

4. The Agreement and the Transaction shall be non-transferable and non-assignable.

**IN WITNESS WHEREOF**, the parties hereto have executed this Agreement as of the date first above written.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Jay Bogh, President of the Board of Directors  
For Yucaipa Valley Water District

\_\_\_\_\_  
Date

\_\_\_\_\_  
Paul Williams, President of the Board of Directors  
For Inland Empire Resource Conservation District

## EXHIBIT A

Letter from California Department of Fish and Game Regarding the Notification of Lake or Streambed Alternation No. 1600-2010-0069-R6 San Timoteo Creek Alternate Discharge Outfall Project



California Natural Resources Agency  
DEPARTMENT OF FISH AND GAME  
Inland Deserts Region  
3602 Inland Empire Blvd., Suite C-220  
Ontario, CA 91764  
(909) 484-0459  
[www.dfg.ca.gov](http://www.dfg.ca.gov)

**ARNOLD SCHWARZENEGGER**, Governor  
**JOHN McCAMMAN**, Director



October 4, 2010

Mr. Brent Anton  
Yucaipa Valley Water District  
12770 Second Street  
Yucaipa, CA 92399

Subject: Notification of Lake or Streambed Alteration No. 1600-2010-0069-R6  
San Timoteo Creek Alternate Discharge Outfall Project

Dear Mr. Anton:

As the Department of Fish and Game (Department) explained to you via electronic mail on August 3, 2010, the Department had until October 1, 2010 to submit a draft Lake or Streambed Alteration Agreement (Agreement) to you or inform you that an Agreement is not required for your project. The Department did not meet that date. As a result, by law, you may now complete the project described in your notification without an Agreement.

Please note that pursuant to Fish and Game Code section 1602(a)(4)(D), if you proceed with this project, it must be the same as described and conducted in the same manner as specified in the notification and any modifications to that notification received by the Department in writing. This includes completing the project within the proposed term and seasonal work period and implementing all avoidance and mitigation measures to protect fish and wildlife resources specified in the notification. If the term proposed in your notification has expired, you will need to re-notify the Department before you may begin your project. Beginning or completing a project that differs in any way from the one described in the notification may constitute a violation of Fish and Game Code section 1602.

*Your notification proposes work within San Timoteo Creek, tributary to the Santa Ana River, on the south side of the Live Oak Canyon Road Bridge, south of the City of Redlands in unincorporated Riverside County. Your project consists of the installation of a new outfall structure and catch basin inlet within San Timoteo Creek. The new outfall will be located on the upper portion of the stream bank and include an approximately 8-foot wide concrete headwall and a grouted riprap basin measuring 8 feet wide by 3.5 feet long. The project also includes the routine maintenance of the new outfall and associated riprap for the term of the project. The proposed project term is September 1, 2010 through September 1, 2015. The project will permanently impact 0.001 acres and temporarily impact 0.005 acres of southern cottonwood-willow riparian forest. You have proposed the following avoidance and minimization measures during*

*Conserving California's Wildlife Since 1870*

Mr. Brent Anton, Yucaipa Valley Water District  
October 4, 2010  
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*project construction: implement standard construction BMPs, and either avoid project construction during the nesting bird season of March 15 through September 15 or perform preconstruction nesting bird surveys if work cannot be avoided during that time period. You have proposed to mitigate project impacts by restoring temporarily impacted areas to pre-impact condition and contributing sufficient funds to the Inland Empire Resource Conservation District for the restoration of 0.005 acres of riparian habitat within their existing 54-acre Goose Creek Conservation Easement Area.*

Also note that while you are entitled to complete the project without an Agreement, you are still responsible for complying with other applicable local, state, and federal laws. These include, but are not limited to, the state and federal Endangered Species Acts and Fish and Game Code sections 5650 (water pollution) and 5901 (fish passage).

Finally, if you decide to proceed with your project without an Agreement, you must have a copy of this letter and your notification with all attachments available at all times at the work site. If you have any questions regarding this matter, please contact me at (909) 987-8176 or [amilloy@dfg.ca.gov](mailto:amilloy@dfg.ca.gov).

Sincerely,

Anna Milloy  
Environmental Scientist  
Habitat Conservation Planning

cc: Kam Muri  
Dudek  
605 Third Street  
Encinitas, CA 92024



**Date:** January 25, 2011

**Subject:** Discussion Regarding the Authorization to Complete Environmental Studies Related to the Expansion of the Regional Recycled Water Conveyance System

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The District is proposing to construct an extension of our Regional Recycled Water Conveyance System to our southernmost service area boundary. This extension would involve the construction of a 24" recycled water pipeline, approximately 18,500 linear feet (3.5 miles) through the City of Calimesa. While the pipeline will be used to provide recycled water service to customers within the District, this facility will also provide surplus recycled water to neighboring water agencies such as the Beaumont Cherry Valley Water District (BCVWD).

The attached proposal from Dudek represents a task-by-task description of the work necessary to prepare the CEQA and NEPA documents, including associated technical studies. Updating the environmental documents is an important element necessary to pursue additional project funding.

  
**DUDEK**

MAIN OFFICE  
465 THIRD STREET  
ENCINITAS, CALIFORNIA 92024  
T 760.941.5147 T 600.450.1818 F 760.631.0164

December 17, 2010

Joseph Zoba  
Yucaipa Valley Water District  
12770 Second Street  
Yucaipa, California 92399

*Subject:     Beaumont-Cherry Valley Non-Potable Water Pipeline Extension –  
                  Proposal to Provide Environmental Services*

Dear Mr. Zoba:

Dudek is pleased to provide this proposal outlining our scope of work and cost estimate for preparation of environmental documents pursuant to the California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA) for the Yucaipa Valley Water District (YVWD) Beaumont-Cherry Valley Non-Potable Water Pipeline Extension (proposed project). This proposal includes our understanding of the project and a task-by-task description of the work we envision necessary to prepare the CEQA and NEPA documents, including associated technical studies. This proposal also includes a cost estimate.

#### UNDERSTANDING OF THE PROJECT

Dudek understands that the YVWD is proposing to construct an extension to the YVWD Regional Non-Potable Water Distribution System. This extension would involve the construction of approximately 18,500 linear feet (3.5 miles) of 24" waterline to connect an existing YVWD waterline to an existing Beaumont-Cherry Valley Water District (BCVWD) waterline via a proposed BCVWD booster. The intent of this project is to deliver non-potable water to the BCVWD. The entire pipeline would be constructed within existing roadways, and all construction work, staging areas, and access routes would be confined to existing paved right-of-ways (ROWs) and disturbed/developed areas. The proposed 24" pipeline alignment would extend south from an existing YVWD waterline for approximately 2,000 along 5<sup>th</sup> Street, and would continue south along Calimesa Boulevard for approximately 11,000 feet. It would then turn east and continue along Cherry Valley Boulevard for approximately 5,500 feet, connecting with the BCVWD waterline at the proposed booster. It is our understanding that construction of the proposed project is anticipated to occur from approximately August 2012 through March 2013.

An outline of Dudek's approach to completing the required environmental documents, and associated processing, is included below.

[WWW.DUDEK.COM](http://WWW.DUDEK.COM)

*Joseph Zoba*

*Subject: Beaumont-Cherry Valley Non-Potable Water Pipeline Extension – Proposal to Provide Environmental Services*

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## **SCOPE OF WORK AND DELIVERABLES**

### **Task 1: Project Start-Up and Initiation**

To establish lines of communication between all team members during this initial phase, Dudek will schedule a conference call upon receipt of a notice to proceed. The purpose of this meeting is to meet with key team members and clarify roles, establish data exchange procedures, verify project schedule, and collect any additional available data. Prior to the call, Dudek would review materials submitted thus far to ensure a productive meeting. Dudek's GIS analyst would review digital data received from project engineering staff. The kick-off meeting would be used to discuss the environmental documents table of contents, project team member roles and responsibilities for various components of the environmental documents.

### **Task 2: Technical Reports**

The approach to each technical study reflects Dudek's understanding of the proposed project. Dudek will prepare the biological technical report and hazardous materials report. Dudek will subcontract with ASM to prepare the cultural resources report.

#### **Task 2.1: Biological Technical Report**

Dudek will conduct a general biological reconnaissance survey of the 3.5-mile project alignment. Although the alignment would be located within existing disturbed or developed areas, special-status biological resources could occur adjacent to portions of the project area. Sensitive vegetation communities immediately adjacent to the project alignment will be mapped according to the California Department of Fish and Game *List of California Terrestrial Natural Communities* (CDFG 2003; updated 2007). Proposed stream and/or channel crossings will be noted. All mapping will be done in the field directly onto topographic or aerial photographic bases and later digitized into Geographical Information System (GIS) format. During these field surveys, a general inventory of plant and animal species detected by sight, calls, tracks, scat, or other signs will be compiled as well as a determination of potential sensitive species which could occur immediately adjacent to the project site. Observable sensitive resources, including perennial plants and conspicuous wildlife (i.e., birds and some reptiles) commonly accepted as regionally sensitive by the California Native Plant Society, the California Department of Fish and Game, and United States Fish and Wildlife Service, will be recorded and later digitized into a GIS format and added to the Biological Resources Map. The results of the field work and mapping will be documented in a Biological Resources Letter Report including the following information: methods, results, impacts analysis and recommended mitigation measures. If

*Joseph Zoba*

*Subject: Beaumont-Cherry Valley Non-Potable Water Pipeline Extension – Proposal to Provide Environmental Services*

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additional surveys or assessments are determined to be necessary based upon the results of the biological reconnaissance survey, the client will be notified immediately.

Not included in this scope of work are resource agency permit applications; client or agency meetings or hearings; or focused surveys for wildlife or plants. These services can be provided for an additional fee.

### **Task 2.2: Cultural Resources**

Dudek has retained ASM Affiliates (ASM) to prepare cultural resources analysis for the proposed project. ASM will conduct a records search of the project and a one-quarter-mile radius along each side of the proposed alignment. The records search, to be conducted at the Eastern Information Center (EIC), located at University of California Riverside (UCR), will review maps and documents on file for Riverside County to identify previously recorded sites and related studies within the study area. ASM will also consult with the Native American Heritage Commission (NAHC) to request that it conduct a search of the Sacred Lands File to identify any documented Traditional Cultural Properties (TCPs) or areas of Native American heritage significance located within the project area.

Upon receiving the EIC and NAHC archival information, ASM will conduct an intensive pedestrian survey of the unpaved portions of the project to identify any newly discovered sites and to relocate and rerecord any previously recorded sites within the project. Sites located within the APE will be documented on California Department of Parks and Recreation (DPR) 523 site forms for submission to the EIC for assignment of permanent trinomial designations. If potentially significant resources are identified during the course of our work, they may need to be evaluated for significance to the California Register of Historical Resources (CRHR) or the National Register of Historic Places (NRHP); site evaluation is not proposed here. Should it be determined that potentially significant sites requiring evaluation are located within the APE, ASM will inform you as such and provide a request for augment to complete this work.

In addition to conducting the background research and pedestrian survey, ASM will also assist with Native American and State Historic Preservation Officer (SHPO) consultation as required by Section 106 of the National Historic Preservation Act (NHPA). To this end, ASM will coordinate with EPA to define the specific nature of the Undertaking, and potential impacts that may occur as a result. A definition of the project Area of Potential Effects (APE) will be provided to SHPO for concurrence. For the purposes of this proposal, we assume the results of the study will be negative and the results will support a determination of no effect.

*Joseph Zoba*

*Subject: Beaumont-Cherry Valley Non-Potable Water Pipeline Extension – Proposal to Provide Environmental Services*

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ASM will also work with EPA to identify potential consulting parties and work to draft a Memorandum of Agreement (MOA) for the project. A letter may also be prepared to summarize the methods and results of the project and recommendations for any future work and sent to the Advisory Council on Historic Preservation (ACHP) for concurrence; both SHPO and the ACHP will have 45 days to provide a response, which will then be forwarded to you for incorporation into your final report. If necessary, ASM will work with EPA to directly consult with Tribal entities and other consulting parties as identified by EPA; this may entail drafting of consultation letters for, or making direct contact with, and obtaining a response from such consultation partners.

At the completion of consultation assistance with the SHPO and Tribes, the results of the entire study will be provided in a written report sent to SHPO for review, including the results of the records and NAHC searches, survey, and Tribal consultation. The report will summarize the study methods, background, and results and will provide recommendations for any further compliance studies that may be necessary, such as preservation and treatment of any sites or areas of archaeological sensitivity identified within the project. The recommendations will be formulated based upon past work ASM has conducted for the Yucaipa Valley Water District under the review of the EPA and State Water Resources Control Board. Recommendations included in the report will utilize, to the extent feasible, the design features and mitigation measures included in the 2006 Regional Non-Potable Water Distribution System Project Final EIR/EIS (2006 Final EIR/EIS) as well as in the Mitigation Monitoring Reporting Program (MMRP) prepared by Dudek (2006).

### **Task 2.3: Hazardous Sites**

Dudek will prepare a Hazards Assessment Report for the proposed project, which will summarize the findings of a computerized database search of federal, state and local regulatory agency records. This database search will flag sites within and adjacent to the project area that currently have or previously had hazardous materials contamination or sites that used hazardous materials. Online regulatory databases and records maintained by local environmental agencies (e.g. Riverside County Department of Environmental Health and the local fire department) will also be reviewed, if available. Potential sites of concern and their potential impact to the project area will be identified.

If the findings of the Hazards Assessment indicate a potential impact of hazardous wastes or materials on the subject property, recommendations for further work related to additional sampling, mitigation, and/or human health risk analyses will be included in the report.

*Joseph Zoba*

*Subject: Beaumont-Cherry Valley Non-Potable Water Pipeline Extension – Proposal to Provide Environmental Services*

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### **Task 3: Environmental Assessment**

Because federal funds from the EPA will be used to construct the project, the project must undergo environmental review pursuant to NEPA; therefore, Dudek will prepare a stand-alone Environmental Assessment (EA) to satisfy NEPA requirements. The EA will provide an equal level of analysis for both the Preferred Action/Proposed Project as well as the No Project Alternative; it is assumed that these are the only two alternatives that would need to be analyzed in the EA. The EA will also contain sections analyzing baseline conditions and environmental consequences. Because this document will not be “tiered” off a programmatic document, the bulk of this work will be related to summarizing both the analysis contained in the 2006 Final EIR/EIS and the specific impact characteristics of the proposed project.

In order to provide a streamlined project schedule, only one screencheck draft EA is proposed. Dudek will provide two copies of the first screencheck draft EA to the District and EPA for review. Dudek will incorporate comments received from the District and prepare the Draft EA for public review. Dudek will distribute the EA to all responsible and trustee agencies and agencies with jurisdiction by law and to all parties previously requesting notice.

Once the comment period is completed, Dudek will prepare responses to comments. It is assumed that the comments on this project will be very minimal, therefore Dudek assumes no more than 30 comments will be submitted and necessitate responses. One comment letter may contain several comments. Dudek will incorporate all comments into the EA and prepare the Final EA to be adopted by YVWD.

### **Task 4: Addendum to Final 2006 EIR/EIS**

Additionally, Dudek will prepare an Addendum to the YVWD’s 2006 EIR/EIS pursuant to California Government Code section 15164 in order to satisfy CEQA environmental review requirements. Section 15164 states that a lead agency shall prepare an addendum to a previously certified EIR if some changes or additions are necessary, but where there are no substantial changes or new information of substantial importance (as described in Section 15162).

The Addendum would describe changes to the project description and environmental impacts described in the 2006 Final EIR/EIS. It is assumed that all long-term impacts were addressed in the 2006 Final EIR/EIS and that only short-term construction related impacts would remain. Mitigation measures already included in the 2006 Final EIR/EIS would be suitable to mitigate any additional short-term construction impacts that would be identified.

*Joseph Zoba*

*Subject: Beaumont-Cherry Valley Non-Potable Water Pipeline Extension – Proposal to Provide Environmental Services*

### **Task 5: Project Management/Meetings and Hearings**

This task includes project management tasks, including coordination with members of the project team, coordination with subconsultants, and attendance at meetings as requested by the client for the duration of this scope of work.

### **ASSUMPTIONS**

This scope of work assumes the following:

- The proposed project would not involve any new significant impacts not previously analyzed in the 2006 EIR/EIS.
- No new mitigation measures will be required beyond those included in the 2006 EIR/EIS.
- As indicated by documentation provided by BCVWD describing the future role of water supplied by YVWD, the proposed project is not growth inducing.

If any of the above assumptions change, this scope of work will need to be revisited with input from the District and EPA.

### **COST SUMMARY**

Estimated costs are provided in *Table 1* below. Tasks 1 through 5, as well as direct costs, will be billed on a time-and-material basis in accordance with the Dudek 2011 Standard Schedule of Charges. Subcontractors and direct costs, including but not be limited to postage, mileage, and reproduction, are billed at a 15% markup.

**Table 1**  
**Cost Estimate**

<b>Task</b>	<b>Cost Estimate</b>
Task 1: Project Start-Up and Initiation	\$2,430
Task 2: Technical Reports	
Biological Technical Report	\$5,020
Cultural Resources	\$10,142
Hazardous Sites	\$5,460
Task 3: Environmental Assessment	\$20,250
Task 4: Addendum to Final 2006 EIR/EIS	\$6,750
Task 5: Project Management/Meetings and Hearings	\$4,725
<b>Total</b>	<b>\$54,777</b>

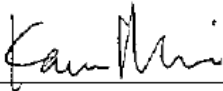
*Joseph Zoba*

*Subject: Beaumont-Cherry Valley Non-Potable Water Pipeline Extension – Proposal to Provide Environmental Services*

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Please contact me at 760.479.4292 or kmuri@dudek.com if you have any questions or comments regarding this proposal.

Sincerely,



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Kamarul Muri  
Project Manager/Biologist

*att: 2011 Standard Schedule of Charges*

*cc: Brian Grover, Dudek  
Glenna McMahon, Dudek*

**DUDEK**  
**2011 STANDARD SCHEDULE OF CHARGES**

**Engineering Services**

Project Director .....	\$225.00/hr
Principal Engineer III .....	\$210.00/hr
Principal Engineer II .....	\$198.00/hr
Principal Engineer I .....	\$190.00/hr
Senior Project Manager .....	\$180.00/hr
Project Manager .....	\$170.00/hr
Senior Engineer III .....	\$160.00/hr
Senior Engineer II .....	\$155.00/hr
Senior Engineer I .....	\$145.00/hr
Project Engineer IV .....	\$135.00/hr
Project Engineer III .....	\$125.00/hr
Project Engineer II .....	\$115.00/hr
Project Engineer I .....	\$100.00/hr
Project Coordinator .....	\$80.00/hr
Engineering Assistant .....	\$75.00/hr

**Environmental Services**

Principal .....	\$225.00/hr
Senior Project Manager/Specialist II .....	\$210.00/hr
Senior Project Manager/Specialist I .....	\$200.00/hr
Environmental Specialist/Planner VI .....	\$180.00/hr
Environmental Specialist/Planner V .....	\$160.00/hr
Environmental Specialist/Planner IV .....	\$150.00/hr
Environmental Specialist/Planner III .....	\$140.00/hr
Environmental Specialist/Planner II .....	\$130.00/hr
Environmental Specialist/Planner I .....	\$120.00/hr
Analyst .....	\$100.00/hr
Planning Research Assistant .....	\$80.00/hr

**Archaeological Services**

Senior Project Manager/Archaeologist II .....	\$210.00/hr
Senior Project Manager/Archaeologist I .....	\$200.00/hr
Environmental Specialist/Archaeologist VI .....	\$180.00/hr
Environmental Specialist/Archaeologist V .....	\$160.00/hr
Environmental Specialist/Archaeologist IV .....	\$150.00/hr
Environmental Specialist/Archaeologist III .....	\$140.00/hr
Environmental Specialist/Archaeologist II .....	\$130.00/hr
Environmental Specialist/Archaeologist I .....	\$120.00/hr
Archaeologist Technician II .....	\$70.00/hr
Archaeologist Technician I .....	\$50.00/hr

**Construction Management Services**

Principal/Manager .....	\$195.00/hr
Senior Construction Manager .....	\$180.00/hr
Senior Project Manager .....	\$160.00/hr
Construction Manager .....	\$150.00/hr
Project Manager .....	\$140.00/hr
Resident Engineer .....	\$140.00/hr
Construction Engineer .....	\$135.00/hr
On-site Owner's Representative .....	\$130.00/hr
Construction Inspector III .....	\$125.00/hr
Construction Inspector II .....	\$115.00/hr
Construction Inspector I .....	\$105.00/hr
Prevailing Wage Inspector .....	\$135.00/hr

**Hydrogeological Services**

Principal .....	\$220.00/hr
Sr. Environmental Engineer .....	\$190.00/hr
Sr. Hydrogeologist/Sr. Proj Mgr .....	\$170.00/hr
Project Manager .....	\$155.00/hr
Associate Hydrogeologist/Engineer .....	\$140.00/hr
Hydrogeologist IV/Engineer IV .....	\$125.00/hr
Hydrogeologist III/Engineer III .....	\$115.00/hr
Hydrogeologist II/Engineer II .....	\$105.00/hr
Hydrogeologist I/Engineer I .....	\$95.00/hr
Technician .....	\$95.00/hr

**District Management & Operations**

District General Manager .....	\$175.00/hr
District Engineer .....	\$160.00/hr
Operations Manager .....	\$150.00/hr
District Secretary/Accountant .....	\$85.00/hr
Collections System Manager .....	\$95.00/hr
Grade V Operator .....	\$100.00/hr
Grade IV Operator .....	\$85.00/hr
Grade III Operator .....	\$80.00/hr
Grade II Operator .....	\$63.00/hr
Grade I Operator .....	\$55.00/hr
Operator in Training .....	\$40.00/hr
Collection Maintenance Worker II .....	\$55.00/hr
Collection Maintenance Worker I .....	\$40.00/hr

**Office Services***Technical/Drafting/CADD Services*

3D Graphic Artist .....	\$150.00/hr
Senior Designer .....	\$130.00/hr
Designer .....	\$120.00/hr
Assistant Designer .....	\$115.00/hr
GIS Specialist IV .....	\$150.00/hr
GIS Specialist III .....	\$140.00/hr
GIS Specialist II .....	\$130.00/hr
GIS Specialist I .....	\$120.00/hr
CADD Operator III .....	\$115.00/hr
CADD Operator II .....	\$110.00/hr
CADD Operator I .....	\$95.00/hr
CADD Drafter .....	\$80.00/hr
CADD Technician .....	\$70.00/hr

**Support Services**

Technical Editor III .....	\$140.00/hr
Technical Editor II .....	\$125.00/hr
Technical Editor I .....	\$110.00/hr
Publications Assistant III .....	\$100.00/hr
Publications Assistant II .....	\$90.00/hr
Publications Assistant I .....	\$80.00/hr
Clerical Administration II .....	\$80.00/hr
Clerical Administration I .....	\$75.00/hr

Forensic Engineering – Court appearances, depositions, and interrogatories as expert witness will be billed at 2.00 times normal rates.

Emergency and Holidays – Minimum charge of two hours will be billed at 1.75 times the normal rate.

Material and Outside Services – Subcontractors, rental of special equipment, special reproductions and blueprinting, outside data processing and computer services, etc., are charged at 1.15 times the direct cost.

Travel Expenses – Mileage at current IRS allowable rates. Per diem where overnight stay is involved is charged at cost

Invoices, Late Charges. - All fees will be billed to Client monthly and shall be due and payable upon receipt. Invoices are delinquent if not paid within thirty (30) days from the date of the invoice. Client agrees to pay a monthly late charge equal to one percent (1%) per month of the outstanding balance until paid in full.

**DUDEK**

Effective January 1, 2011