



Yucaipa Valley Water District

Notice and Agenda of a Board Workshop Tuesday, March 29, 2011 at 4:00 p.m.

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

- 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. Presentation of Improvements to the East Branch Extension - Yucaipa Connector Pipeline [[Workshop Memorandum No. 11-040 - Page 3 of 38](#)]
 - B. Presentation of the Proposed Public Benefit Funding for Water Investments by the State of California [[Workshop Memorandum No. 11-041 - Page 5 of 38](#)]
 - V. Capital Improvement Projects
 - A. Status Report on the Construction of the Yucaipa Valley Regional Brineline [[Workshop Memorandum No. 11-042 - Page 15 of 38](#)]
 - B. Status Report on the Construction of 30" and 8" Pipelines in Second Street, Yucaipa [[Workshop Memorandum No. 11-043 - Page 19 of 38](#)]
 - C. Completion of Recycled Water Facilities North of Yucaipa Boulevard, Yucaipa [[Workshop Memorandum No. 11-044 - Page 20 of 38](#)]
 - VI. Administrative Issues
-

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

- A. Discussion Regarding Improvements to Lift Station No. 4 and Upstream Manholes [[Workshop Memorandum No. 11-045 - Page 22 of 38](#)]
 - B. Discussion Regarding the Removal of Storage Tanks and Equipment at the Wochholz Regional Water Recycling Facility [[Workshop Memorandum No. 11-046 - Page 24 of 38](#)]
- VII. Closed Session
- A. Conference with Labor Negotiator (Government Code 54957.6)
District Negotiator: Joseph Zoba, General Manager
Employee Organization: IBEW Local Union 14356 - YVWD Employees Association
 - B. Conference with Labor Negotiator (Government Code 54957.6)
District Negotiator: Joseph Zoba, General Manager
Employee Organization: Supervisor Bargaining Unit
 - C. Conference with Labor Negotiator (Government Code 54957.6)
District Negotiator: Joseph Zoba, General Manager
Employee Organization: Confidential Employee Bargaining Unit
 - D. Conference with Labor Negotiator (Government Code 54957.6)
District Negotiator: Joseph Zoba, General Manager
Employee Organization: Exempt Employee Bargaining Unit
 - E. Conference with Labor Negotiator (Government Code 54957.6)
Unrepresented Employee: Joseph Zoba, General Manager
- VIII. Director Comments
- IX. Adjournment



Workshop Memorandum 11-040

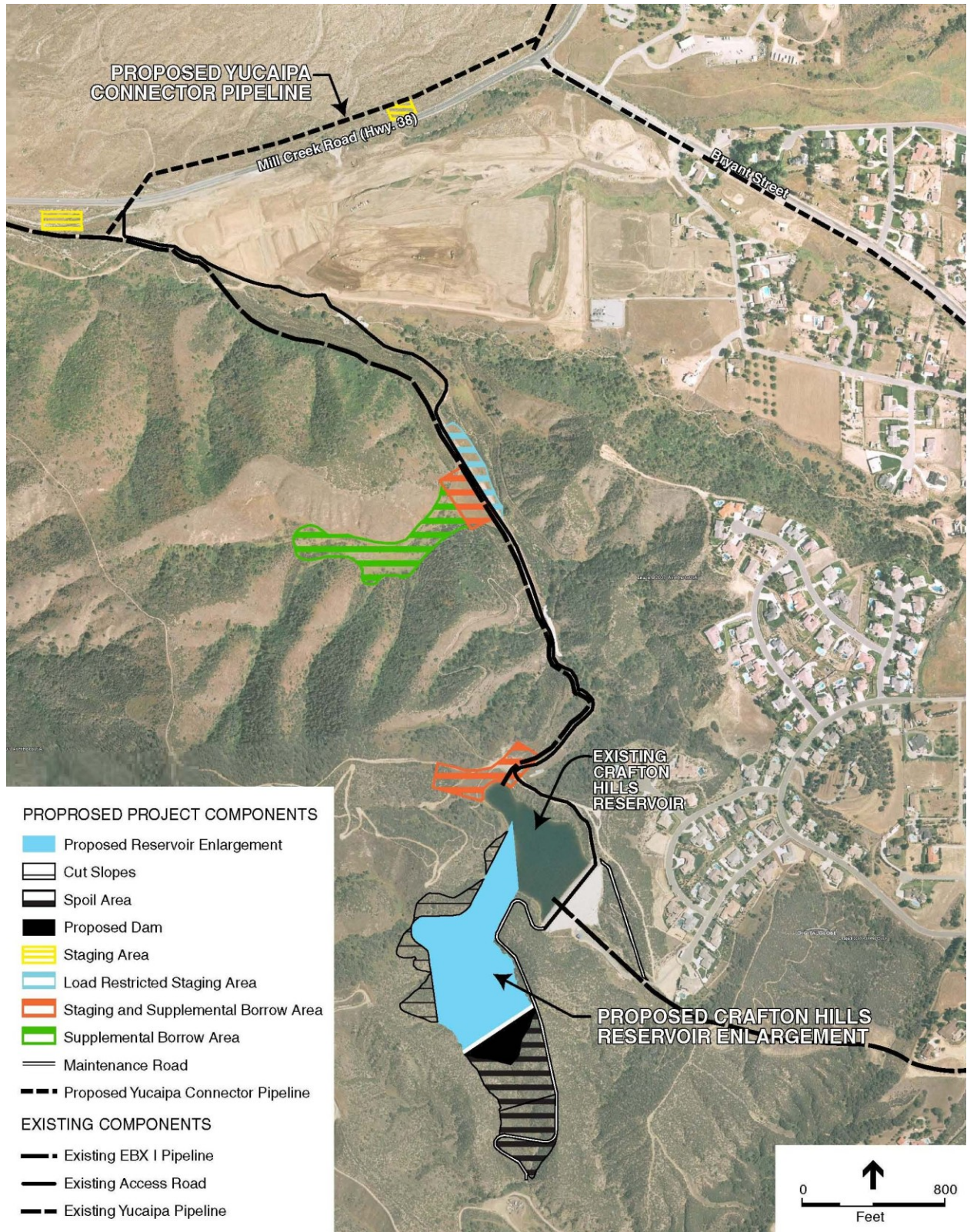
Date: March 29, 2011

Subject: Presentation of Improvements to the East Branch Extension -
Yucaipa Connector Pipeline

The San Bernardino Valley Municipal Water District and the San Geronio Pass Water Agency in conjunction with the California Department of Water Resources has initiated the construction of several improvements to the East Branch Extension of the State Water Project.

The most recent improvement has been the construction of the Yucaipa Connector Pipeline. This pipeline facility significantly improves the reliability of the State Water Project to our service area and will provide an opportunity to enhance the Crafton Hills Reservoir.

At the board workshop, Mr. Sam Fuller from the San Bernardino Valley Municipal Water District will be providing an overview of the improvements to the East Branch Extension of the State Water Project.





Workshop Memorandum 11-041

Date: March 29, 2011

Subject: Presentation of the Proposed Public Benefit Funding for Water Investments by the State of California

On March 22, 2011, the Legislative Analyst's Office released the attached report titled, "Funding Public benefits of Water Investments". The presentation of this report was originally scheduled for the Senate Natural Resources and Water Committee, but was subsequently postponed.

In summary, the Legislative Analyst's Office (LAO) is proposing an assessment of a fee on water at the retail level to fund various infrastructure and social programs. Specifically, new fees or taxes are suggested to be applied to retail water agencies to fund the following expenditures by the State: planning and management of the statewide water system; broadening access to necessary water services; ecosystem improvements; management of water-related risks and major public emergencies; and water system changes that improve recreation opportunities.

While the budget crisis in Sacramento is currently resulting in the decentralization of services to the local level, there is an opposing perspective from the LAO that indicates the need to levy new fees and taxes on the rate payers of retail water agencies to fund various statewide programs and initiatives.



March 22, 2011

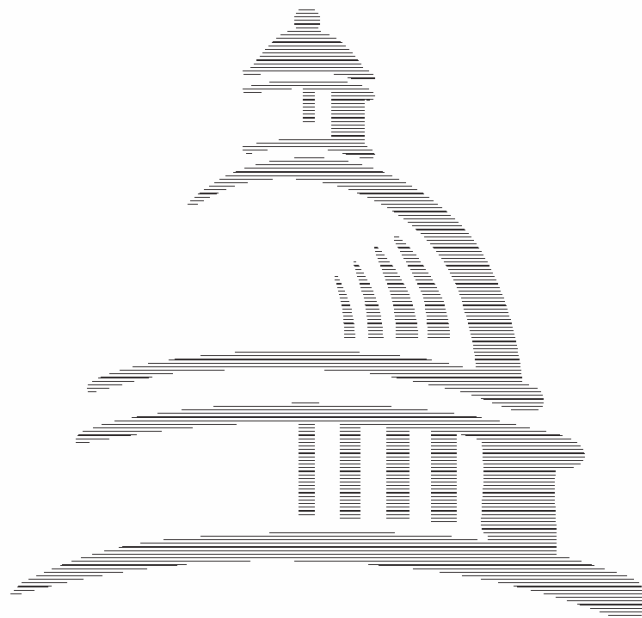
Funding Public Benefits Of Water Investments

L E G I S L A T I V E A N A L Y S T ' S O F F I C E

Presented to:

Senate Natural Resources and Water Committee

Hon. Fran Pavley, Chair



March 22, 2011



Overview of Presentation

- The Public Purposes of Water-Related Investments**
- Public Funding Demands in the Water Area**
- Other States' Funding Mechanisms and Previous California Proposal**
- LAO-Preferred Funding Option**

March 22, 2011



The Public Purposes of Water-Related Investments



Water-Related Activities With a Public-Purpose Component.

Water-related activities that have a significant public-purpose component can be consolidated into the following five main categories:

- Planning and efficient management of the statewide water system.
- Broadening access to necessary water services.
- Ecosystem improvements.
- Management of water-related risks and major public emergencies.
- Water system changes that improve recreational opportunities.



Statutory Definitions Should Guide Use of State Funds.

We recommend that the Legislature define what activities, from its policy perspective, are appropriately supported—in full or in part—with state public funding and which are not. To ensure that private beneficiaries of a water activity pay their appropriate share of costs, the Legislature should consider providing statutory definitions of:

- The “beneficiary pays” principle.
- The “polluter pays” principle.
- Private/nonstate benefits (with specific examples).

March 22, 2011



Public Funding Demands in the Water Area

- ☑ **Current Funding Sources.** The five broad categories of public-purpose water activities referenced earlier are currently taking place to some degree, generally using monies from the General Fund or general obligation bonds. In the water area, there is not a funding mechanism that parallels the “public goods charge” that is currently assessed on energy ratepayers.

- ☑ **Unmet Funding Demands.** The California Research Bureau has assisted us in listing a number of water-related funding demands that could potentially tap a new state public funding mechanism. Some portion of the following program areas’ unmet water investment capital demands would be appropriately funded from state public funds:
 - Drinking water infrastructure: \$39 billion (over a period of 20 years).
 - Wastewater infrastructure: \$29.9 billion (over a period of 20 years).
 - Flood infrastructure: \$26 billion (over a period of 20 years).
 - Delta ecosystem restoration: \$3.6 billion, plus \$46 million/year over 50 years in ongoing demands for Bay Delta Conservation Plan implementation.

March 22, 2011



Other States' Funding Mechanisms and Previous California Proposal

- Other States' Funding Mechanisms.** State governments across the country have employed a variety of broad-based mechanisms to pay for the public benefit portion of water-related activities. These mechanisms are generally one of three types:

 - **General Assessments Not Tied to Water Use.** These include cases where some *portion* of the revenues from general taxes (such as property or general sales taxes), charges on specific goods or services (such as cigarette taxes), or natural resource severance charges (such as assessments on oil or mining severance) are *dedicated* to water-related projects and programs.
 - **Assessments Directly Tied to Water Use.** These include annual charges on water-rights holders, volumetric water use charges (such as on retail water sales or groundwater withdrawals), and flat charges on water system users (such as charges on wastewater connections or water utilities).
 - **Property-Related Assessments, Indirectly Tied to Water Use.** These include assessments on the amount of irrigated acreage or tied to property valuation.

- Previous California Proposal.** As part of his 2006 Strategic Growth Plan Initiative, the Governor proposed the enactment of a new "water resources capacity charge" to be imposed on every retail water supplier in the state. (The Governor's proposal was introduced as AB 1839 [Laird] and SB 1166 [Aanestad].) The charge was based on the number and type of water connections in each retail supplier's service area and it varied from zero to \$10 per month per connection. Of the \$500 million in estimated annual revenues collected from the new charge, 50 percent were to be deposited into a state investment account, with the balance deposited into 11 regional accounts. The regional account monies were to be administered by the state (the Department of Water Resources), with project applicants for grant funding required to show consistency with an integrated regional water management plan.

March 22, 2011



LAO-Preferred Funding Option

- Evaluative Criteria.*** We evaluated options for a new funding source using three main criteria:
 - Ease of enactment and implementation.
 - Breadth of assessment base and tie to water use.
 - Ability to provide a stable, reliable, ongoing source of funding.

- California-Specific Challenges.*** The feasibility of the funding options evaluated were significantly impacted by two fundamental facts of water governance in California:
 - There is a lack of comprehensive data on statewide water use, resulting from large amounts of water use being unregulated by the state.
 - There is a diverse universe of state and local water agencies, with varying jurisdictions and administrative capabilities.

- Placing Assessment at Water Retailer Level Makes Practical Sense.*** We find that an assessment levied on water retailers and administered by the state Board of Equalization is the most feasible funding option for a public-benefit-type charge in California. It is relatively easy for water retailers to provide the data necessary to impose assessments tied to the use of water.

March 22, 2011



LAO-Preferred Funding Option *(Continued)*

- Different Assessment Bases Required for Nonagricultural Versus Agricultural Water Uses.*** The vast majority of urban (commercial/residential) water use in the state would be captured by an assessment that is tied to the *volume of water that a retailer supplies to nonagricultural water users*. Therefore, we consider this to be the most feasible assessment base for nonagricultural users. However, agricultural water use is more difficult to assess directly because of data gaps. This reflects the fact that a significant amount of agricultural water use is supplied by groundwater resources that are “off the grid” (that is, not supplied by a water retailer). To address this issue, we recommend that agricultural water use be captured by an assessment on water retailers based on the *total area of irrigated acreage of agricultural customers of water retailers* (even though some of those customers’ acreage may be irrigated using sources other than the retailer). This relatively simple assessment approach provides a reasonable proxy for measurement of agricultural water use and would serve to capture the vast majority of agricultural water use in the state.
- Setting the Level of the Assessments Raises Policy Issues.*** In addition to determining the total amount of revenues intended to be raised from the new assessments, the Legislature would need to address a number of policy issues that help guide the specific level of the two categories of assessments. These include:
- Mitigating disproportionate burdens on smaller water retailers.
 - Mitigating impacts on low-income (“lifeline”) customers.
 - Determining the process for future adjustments to assessment levels.
 - Accounting for constitutional constraints on local government water retailers’ revenue-raising ability.

March 22, 2011



LAO-Preferred Funding Option *(Continued)*



The Appropriation and Administration of the New State Funds.

The Legislature would have to consider a number of important questions regarding the appropriation and administration of the new state funds, including:

- How should assessment funding be appropriated?
- How would budget proposals across multiple state agencies be coordinated?
- Who should be eligible for assessment funding?
- In what forms should the funding be provided?
- What process should state agencies follow in allocating the assessment funding?
- Should there be cost-sharing requirements placed on funding recipients?

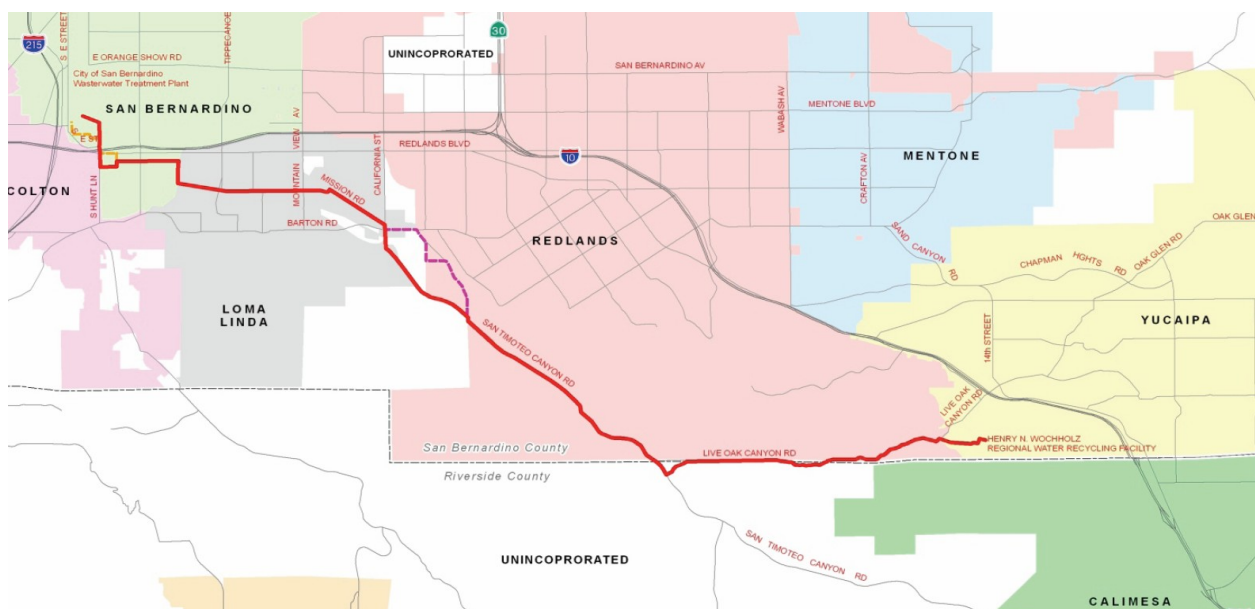
Date: March 29, 2011

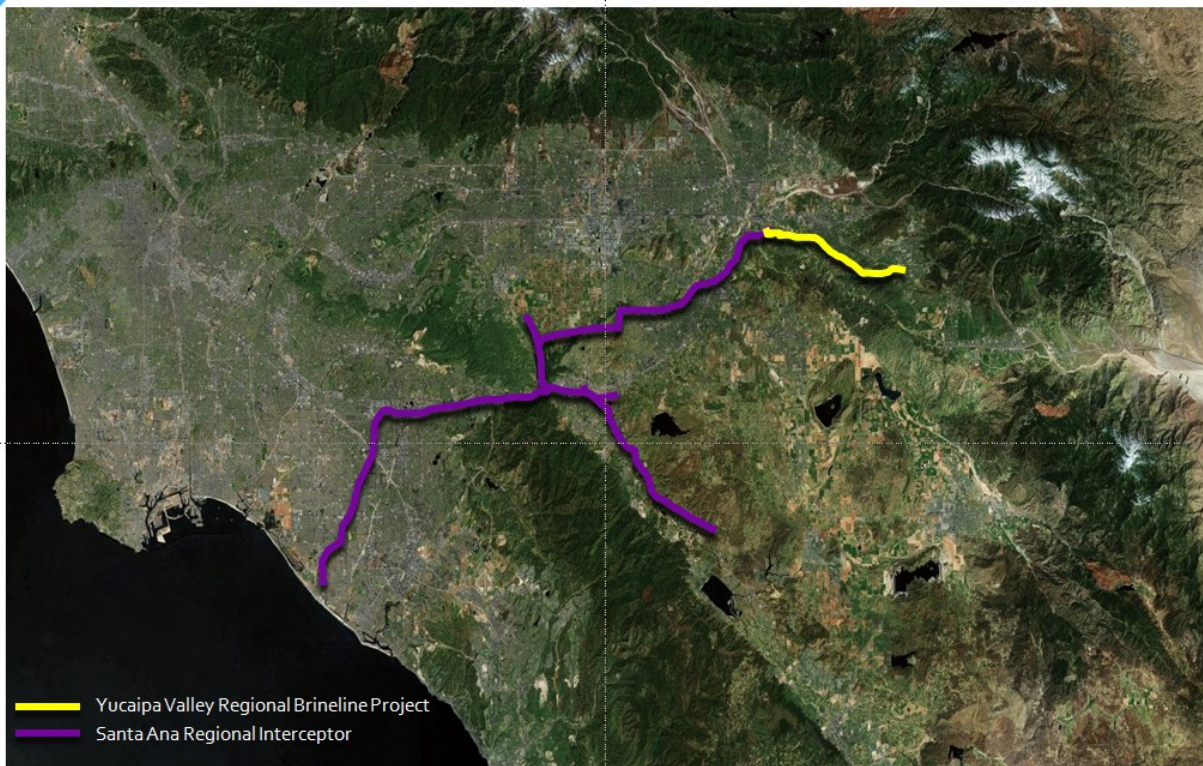
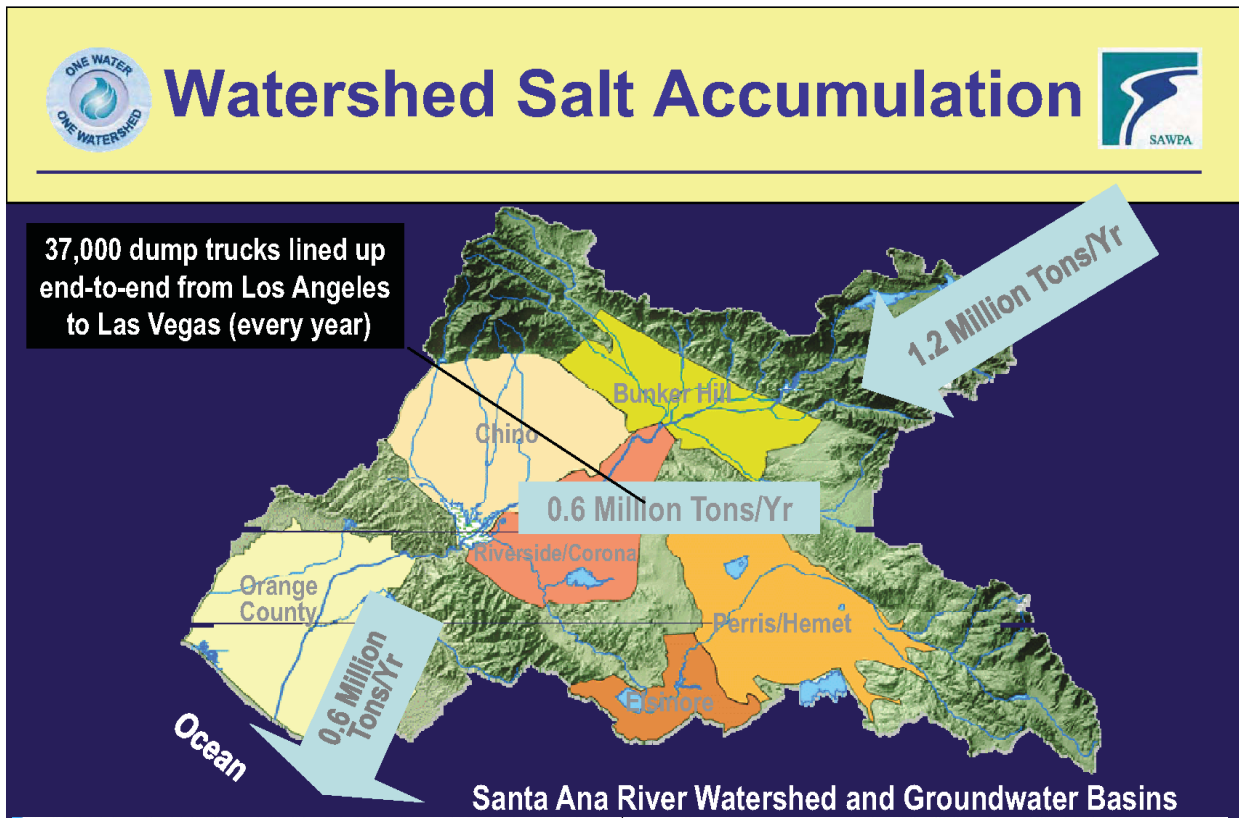
Subject: Status Report on the Construction of the Yucaipa Valley Regional Brineline

Yucaipa Valley Water District is in the process of constructing the Yucaipa Valley Regional Brineline 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 Brineline 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 brineline near the I-215 and I-10 Interchange. At this point the existing brineline extends 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 Brineline Project.





Yucaipa Valley Regional Water Supply Renewal Project







Date: March 29, 2011

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

The District staff will be initiating the construction of potable water pipelines in Second Street that will include the following:

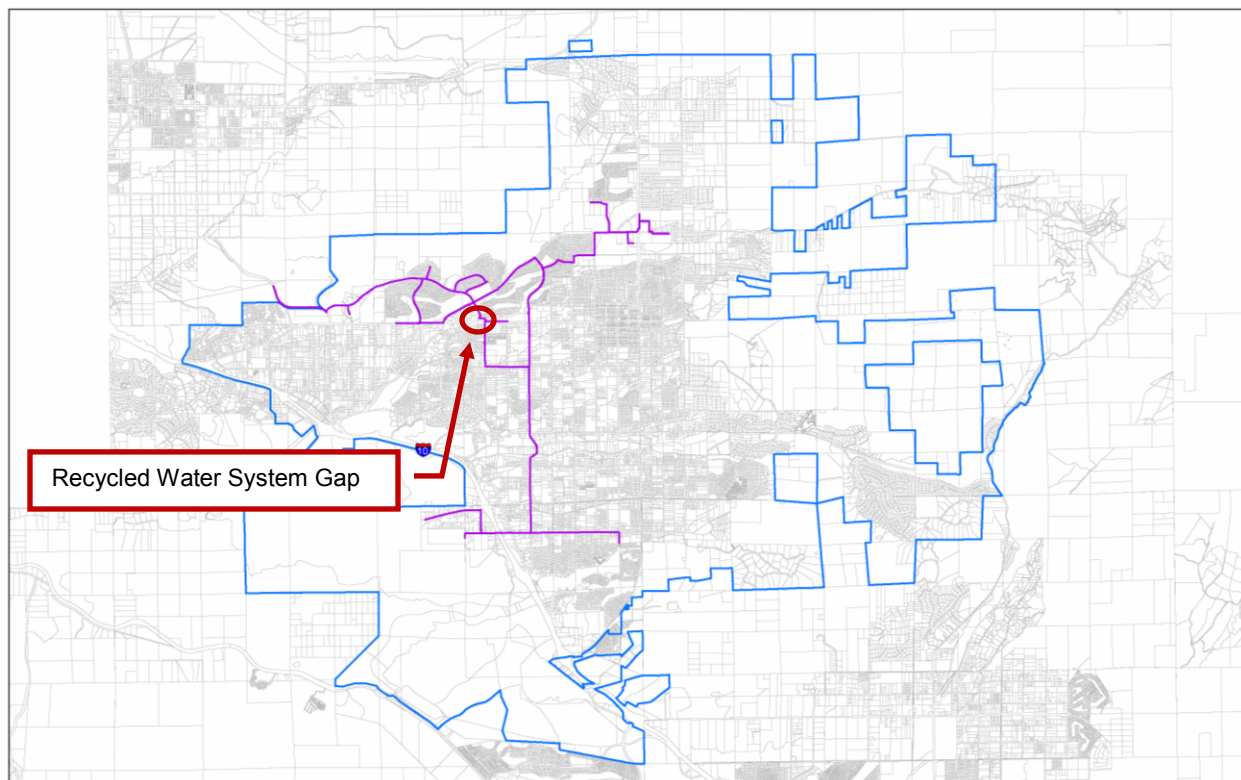
- Construction of about 2,000 feet of an 8" diameter ductile iron pipeline on Second Street from Persimmon Avenue to a point south of Cedar Avenue; and
- Construction of about 2,600 feet of a 30" diameter ductile iron conveyance pipeline on Second Street from Persimmon Avenue to Acacia Avenue.

An update on the status of the project will be provided at the board workshop.



Date: March 29, 2011**Subject: Completion of Recycled Water Facilities North of Yucaipa Boulevard, Yucaipa**

Over the past ten years, the Yucaipa Valley Water District has been aggressively working to complete our recycled water system. In preparation for the summer demands, we currently have a missing segment of pipeline in our recycled water distribution system that if connected, would improve the reliability of our overall system.



The missing connections are identified on the following map and if completed would improve the circulation loop of our recycled water system.



Date: March 29, 2011

Subject: Discussion Regarding Improvements to Lift Station No. 4 and Upstream Manholes

The District staff is proposing to rehabilitate the wet well at Lift Station No. 4 and five manholes upstream due to corrosion of the concrete. Hydrogen sulfide is a common corrosive gas found in sewer systems which can deteriorate the concrete and if left without repairs will cause failures of these existing structures. The application of a lining onto the concrete surface is a common method of rehabilitating these structures.





The Public Works Department consulted with three different companies that are qualified to apply a new lining on the wet well and upstream manholes. Prices from each company are as follows:

- | | |
|-------------------------------------|----------|
| • Zebron | \$21,590 |
| • National Coating & Lining Company | \$27,096 |
| • Sancon Engineering | \$33,050 |

The District staff is reviewing the proposals and will be providing a recommendation at the board workshop.



Date: March 29, 2011

Subject: Discussion Regarding the Removal of Storage Tanks and Equipment at the Wochholz Regional Water Recycling Facility

With the recent expansion of the Wochholz Regional Water Recycling facility, the Yucaipa Valley Water District has several facilities that need to be removed and abandoned.

Methanol Storage Tank

Prior to the most recent expansion of the Wochholz Regional Water Recycling Facility (WRWRF) methanol was used for denitrification and was stored in a 15,000 gallon, double-walled fiberglass underground storage tank (UST). Once the plant expansion was completed and the new biological denitrification process was stabilized, plant operators switched to a new above ground storage facility for the addition of methanol to the treatment process. The underground storage tank was emptied and remains unused at the facility.

The San Bernardino County Fire Department requires underground storage tanks not in use be removed by a qualified contractor.

Emergency Chlorine Scrubber

Prior to the most recent expansion of the WRWRF disinfection of the final effluent was accomplished using chlorine and sulfur dioxide. Currently ultraviolet (UV) disinfection equipment is utilized for disinfection, replacing the chlorination system.

Most of the on-site equipment related to chlorine disinfection system has been removed by the District staff. The last remaining piece of equipment is a gas scrubber. Staff has investigated the possibility of finding another agency or company that can utilize the scrubber, without success, and is now recommending that the scrubber be removed from the site under this contract. Since the scrubber contains residual solution, special handling is required to neutralize and dispose of the product before demolition.

Ammonium Hydroxide Storage Tank

The ammonium hydroxide tank on site was also used in the chlorination process and has not been utilized since 2006. This tank is no longer considered a reliable storage vessel due to its age. The tank has been drained and cleaned and does not require any special handling. Staff is recommending that the tank be removed from the site as part of this contract.

Request for quotations

Staff obtained three quotes from San Bernardino County (SBCFD) approved underground storage tank removal contractors for the removal of the three pieces of equipment. One of the quotes received incorrectly specified the wrong underground storage tank construction material and numerous attempts to obtain a new quote from the firm were not successful. The other two quotes received, Warren Duncan Contractors and Environmental Logistics, are included in this memorandum.

Scope of Work - UST removal

The methanol underground storage tank removal must follow San Bernardino County Fire Department regulations, including:

- Approval of work plan submitted to SBCFD prior to permit being issued;
- SBCFD representative on site during removal;
- All product must be removed from tank and tank must be triple rinsed;
- Soil samples must be taken at locations beneath the tank at location determined by SBCFD representative;
- Soil samples must be analyzed to determine if any product leakage occurred; and
- After SBCFD approves, the excavated area is to be back filled.

Both Warren Duncan Construction and Environmental Logistics have met these requirements in their respective quotes. A review of the quotations indicates that Environmental Logistics estimated more equipment needed when compared to Warren Duncan Construction.

Warren Duncan Construction	\$17,500
Environmental Logistics	\$29,440

Scope of Work – Chlorine scrubber demolition and ammonium hydroxide tank removal

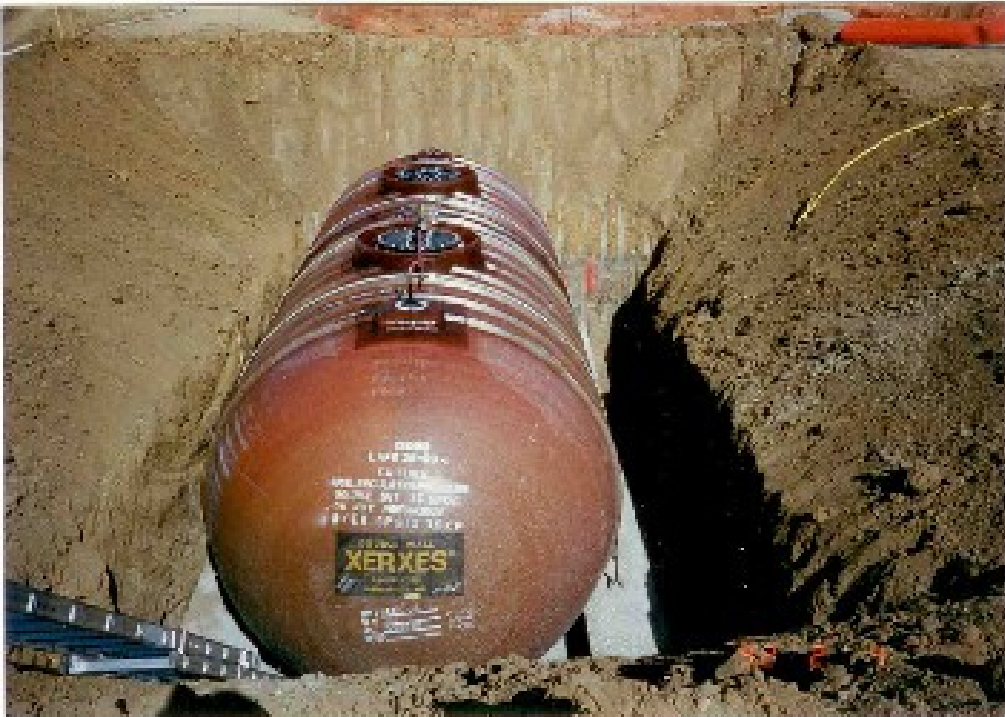
The chlorine scrubber and sodium hydroxide tank demolition/removal does not require special permitting by SBCFD. However, both vessels are required to be certified cleaned and rinsed prior to disposal. This requires the use of a vacuum truck to remove all products and wash water used, including proper disposal.

Warren Duncan Construction	\$16,500
Environmental Logistics	\$22,758

Based on the quotes received, the District staff recommends awarding a contract to Warren Duncan Construction in the amount of \$34,000.

Financial Considerations:

The cost for the removal of the methanol underground storage tank, chlorine scrubber equipment and ammonium hydroxide storage tank will be allocated from Repair and Maintenance, Wastewater Division, Fiscal Year 2011.



Methanol Underground Storage Tank



Emergency Chlorine Scrubber



Aqueous Ammonia Storage Tank



February 14, 2011
J. Kevin King
Yucaipa Valley Water District
12770 Second St
Yucaipa, CA 92399
Office (909) 795-2491
Fax (909) 795-0402
Email: kking@yvwd.dst.ca.us

Dear Mr. King,

Environmental Logistics, Inc. appreciates the opportunity to provide environmental services to permit and remove (1) 15,000 gal Methanol underground storage tank at the Yucaipa Valley Water District in Yucaipa, CA

Scope of Work:

- Obtain tank removal permits from San Bernardino County Fire Hazardous Materials Division
- Remove concrete from on top of tank
- Excavate soil from top of tank and piping to expose for removal per AQMD Rule 1166
- Cut open and clean tank
- Certify tanks clean by a marine chemist
- Remove, transport and dispose of tank
- Collect soil samples from under tank and piping
- Report and detail all lab analyses in a tank closure report
- Back fill excavation with soil from excavation

Environmental Logistics, Inc. assumes the following:

- Site is ready for schedule work
- Any delays will be charged back to client
- Environmental Logistics is not responsible for damage to any underground utilities
- No underground utilities will be relocated
- Tanks is assumed to be 15,000 gal double wall fiberglass tank last containing Methanol
- Water must be available on site for our use
- Soil remediation and ground water sampling is not included in this quote
- ELI must have full access to site
- No contaminated soil will be disposed of
- Cost for registration fees if any are unknown and will be billed separately
- Quote includes 4 soil samples to be collected from under tank and from under each 20 feet of pipe. If additional samples are requested by County Fire customer will pay for additional samples @ posted rate of \$293.00 ea
- De gassing per AQMD rule 1149 is included in quote.
- Soil will be imported. Excavation will be backfilled with soil from offsite and temporary fencing will be removed. Environmental Logistics will be released from all liability of the excavation
- Concrete and debris disposal is estimated at 1 load. Client will pay for additional loads @ \$60.00 per ton

140 W. Monte • Bloomington, CA 92316 • 909.546.1354 • Fax: 909.546.1546 • Cell: 909.721.6080
Email: • twood@environmentallogistics.org



Environmental Logistics thanks you for the opportunity to quote this project. The project will be completed in 5 working days for the following estimated price :

1.	Removal permits and time to obtain (Registration fees not included)	\$1,000.00
2.	Equipment and crew Mobilization	\$1,700.00
3.	Temporary fencing	\$1,200.00
4.	AQMD Rule 1166 permit and air monitoring(If required)	\$1,320.00
5.	Excavate and expose tank and piping per AQMD Rule 1166	\$5,000.00
6.	Cut, clean and remove tank	\$3,940.00
7.	Marine chemist to certify tank clean	\$650.00
8.	Dry Ice	\$400.00
9.	Crane to remove tank from excavation	\$1,550.00
10.	Transportation and disposal of DW FRP Tank	\$2,000.00
11.	Backfill excavation with import soil	\$5,110.00
12.	Collect soil samples (4) samples total @ \$293.00 ea.	\$1,172.00
13.	Tank closure report	\$1,500.00
14.	Transportation and disposal of 1 load of concrete and debris	\$898.00
15.	Tank De-Gassing	\$1,000.00
16.	Equipment De Mobilization	\$1,000.00

Estimated Project Total **\$29,440.00**

Environmental Logistics, Inc. (ELI) is a full-service environmental company providing hazardous materials spill response, hazardous waste management and remediation services throughout Southern California.

ELI reserves the right to modify or amend this proposal prior to commencing work. Additionally should site conditions indicate the need for any additional work, ELI will notify you prior to incurring any additional charges.

Thank you for the opportunity to provide you with an estimate for the aforementioned services. Should you have any questions, please feel free to contact me at (909) 721-6080 or via email at twood@environmentallogistics.org.

Best Regards,

Terrence E. Wood
 Project Manager
 Environmental Logistics, Inc.
 140 W. Monte Ave., Bloomington, CA 92316
 O: 909.546.1354
 C: 909.721.6080
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 E-Mail: twood@environmentallogistics.org

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General Conditions

- The Customer hereby acknowledges that the estimated cost is based upon a preliminary appraisal by an ELI Field Representative, and the amount invoiced by ELI will be based upon labor and materials actually expended in performing the scope of work. Any changes in the scope will be billed on a time and materials basis.
- This proposal is contingent on the customer providing full and complete access to site.
- The disposal pricing listed in this proposal is based upon the assumption that said products reflect the generators knowledge of the chemicals present.
- Work Hours are Monday thru Friday 0700- 1530 (Excluding Holidays).
- All payment terms are on a C.O.D. basis as specified below. Permit Charges are due prior to commencing work.
- For all invoices (emergency and non-emergency) a 1.5% per month late charge (for additional administrative expenses due to collections on unpaid invoices) will be added to any unpaid balance on the day after payment is due and on every monthly anniversary of that date until the invoice and all added charges are paid in full.
- Reasonable attorney’s fees, collection fees, costs, pre-judgment interest, post-judgment interest, and other related expenses will be added if reasonably required to collect on any outstanding balance.
- Commencement of work by ELI without customer’s prompt objection to the terms and conditions set forth in this document constitutes customer’s acceptance of these terms and conditions. The terms and rates included herewith will be billed as shown unless other contractual agreement has been made.
- When equipment is mobilized before 12:00 noon, the full day rate applies. If equipment is mobilized after 12:00 noon, the customer will be charged half of the daily rate. Daily rate is defined as a 24 hour rate beginning at 00:01-2400.

Acknowledgement

Your signature below indicates your acceptance of the pricing and terms detailed in the quote above.

Thank you for the opportunity to be of service.

Print Name _____ Signature _____

PO# _____ Date _____

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February 14, 2011
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Yucaipa Valley Water District
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Yucaipa, CA 92399
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Fax (909) 795-0402
Email: kking@yvwd.dst.ca.us

Dear Mr. King,

Environmental Logistics, Inc. appreciates the opportunity to provide environmental services to permit and remove (1) 3,750 gal Emergency Vapor Scrubber at the Yucaipa Valley Water District in Yucaipa, CA

Scope of Work:

- Develop and submit work plan for approval by San Bernardino County Fire Hazardous Materials Division
- Remove top of tank and associated hardware
- Remove, transport and dispose of plastic scrubbing spheres
- Open and clean tank
- Remove, transport and dispose of tank
- Report and detail all lab analyses in a tank closure report
- Back fill excavation with soil from excavation

Environmental Logistics, Inc. assumes the following:

- Site is ready for schedule work
- Any delays will be charged back to client
- Environmental Logistics is not responsible for damage to any underground utilities
- No underground utilities will be relocated
- Equipment is assumed to be 3,750 gal Fiberglass Emergency Vapor Scrubber containing approximately 500 gal Sodium Hydroxide (20% Solution) and 170 gal Sodium Hydroxide sludge
- Water must be available on site for our use
- Soil remediation and ground water sampling is not included in this quote
- ELI must have full access to site
- No contaminated soil will be disposed of
- All rinsate from tank cleaning will be disposed of onsite
- 3,300 gal Ammonium Hydroxide AST is CLEAN & DRY

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Email: • twood@environmentallogistics.org



Environmental Logistics thanks you for the opportunity to quote this project. The project will be completed in 5 working days for the following estimated price :

1.	Removal permits and time to obtain (Work Plan Included)	\$650.00
2.	Equipment Mobilization	\$1,000.00
3.	Labor	\$6,500.00
4.	PPE & Consumables	\$1,500.00
5.	Geartruck	\$2,000.00
6.	Pressure Washer	\$500.00
7.	Vacuum Truck	\$650.00
8.	Manlift	\$2,000.00
9.	Excavator	\$2,700.00
10.	Super Sucker	\$1,750.00
11.	Transportation and disposal of FRP Tank	\$2,000.00
12.	Transportation and disposal of 1 load of debris (Hardware and Spheres)	\$898.00
13.	Equipment De Mobilization	\$500.00

Additional Services

14.	Transportation and Disposal of CLEAN & DRY 3,300 gal Ammonium Hydroxide AST in conjunction with this project	\$1,000.00
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Estimated Project Total **\$22,758.00**

Environmental Logistics, Inc. (ELI) is a full-service environmental company providing hazardous materials spill response, hazardous waste management and remediation services throughout Southern California.

ELI reserves the right to modify or amend this proposal prior to commencing work. Additionally should site conditions indicate the need for any additional work, ELI will notify you prior to incurring any additional charges.

Thank you for the opportunity to provide you with an estimate for the aforementioned services. Should you have any questions, please feel free to contact me at (909) 721-6080 or via email at twood@environmentallogistics.org.

Best Regards,

Terrence E. Wood
 Project Manager
 Environmental Logistics, Inc.
 140 W. Monte Ave., Bloomington, CA 92316
 O: 909.546.1354
 C: 909.721.6080
 F: 909.546.1546
 E-Mail: twood@environmentallogistics.org

140 W. Monte • Bloomington, CA 92316 • 909.546.1354 • Fax: 909.546.1546 • Cell: 909.721.6080
 Email: • twood@environmentallogistics.org



General Conditions

- The Customer hereby acknowledges that the estimated cost is based upon a preliminary appraisal by an ELI Field Representative, and the amount invoiced by ELI will be based upon labor and materials actually expended in performing the scope of work. Any changes in the scope will be billed on a time and materials basis.
- This proposal is contingent on the customer providing full and complete access to site.
- The disposal pricing listed in this proposal is based upon the assumption that said products reflect the generators knowledge of the chemicals present.
- Work Hours are Monday thru Friday 0700- 1530 (Excluding Holidays).
- All payment terms are on a C.O.D. basis as specified below. Permit Charges are due prior to commencing work.
- For all invoices (emergency and non-emergency) a 1.5% per month late charge (for additional administrative expenses due to collections on unpaid invoices) will be added to any unpaid balance on the day after payment is due and on every monthly anniversary of that date until the invoice and all added charges are paid in full.
- Reasonable attorney’s fees, collection fees, costs, pre-judgment interest, post-judgment interest, and other related expenses will be added if reasonably required to collect on any outstanding balance.
- Commencement of work by ELI without customer’s prompt objection to the terms and conditions set forth in this document constitutes customer’s acceptance of these terms and conditions. The terms and rates included herewith will be billed as shown unless other contractual agreement has been made.
- When equipment is mobilized before 12:00 noon, the full day rate applies. If equipment is mobilized after 12:00 noon, the customer will be charged half of the daily rate. Daily rate is defined as a 24 hour rate beginning at 00:01-2400.

Acknowledgement

Your signature below indicates your acceptance of the pricing and terms detailed in the quote above.

Thank you for the opportunity to be of service.

Print Name _____ Signature _____

PO# _____ Date _____

140 W. Monte • Bloomington, CA 92316 • 909.546.1354 • Fax: 909.546.1546 • Cell: 909.721.6080
Email: • twood@environmentallogistics.org

Warren Duncan Contracting



Contracting & Equipment Rental

2148 Glen Helen Pkwy
Devore, California 92407
909-880-8501 • FAX 909-880-3064
CA State License #553327

March 2, 2011
Yucaipa Valley Water District
12770 Second St
PO BOX 730
Yucaipa Ca 92399-0730
909-795-2491
909-795-0402 Fax

Subject:

Proposal to provide confined space entry to pressure wash and rinse one above ground scrubber tank with a caustic solution and then rinse the empty aboveground storage in San Bernardino Ca.

Others to provide personnel to remove manways identify all sensitive equipment that may need to be protected, lock out and tag out of electrical or air driven mechanical equipment to prevent spills or injuries to personnel.

The empty storage tank is to have been previously washed out and rinse by client and only need a rinse for transportation.

All work preformed will be handled in accordance with applicable federal, state, and local laws.

Scope of work:

The scope of work will be to pump out the remainder of product left in the scrubber unit into a vacuum tanker and empty as much as possible. Once the unit is empty it will be pressure washed and rinsed from the man way to break down the crystallized caustic at the bottom and to clear a spot for entry. Prior to entry ventilation will be set up on top of the unit to exhaust the air flow outside away from the entry point. Air samples will be taken using a 4 gas meter checking LEL, CO2, H2S, and Oxygen prior to entry, during entry, and periodically while pressure washing. A confined space entry permit will be used to document the entry and a copy provided unless the facility has its own procedures and documentation. Upon confirmation conditions are safe the unit will then be entered to break down, pressure wash, and rinse the crystallized caustic into the vacuum tanker. Once the scrubber is complete the aboveground storage tank will then be rinse for transportation.

Labor, Confined space equipment, pressure washer, and supplies used to perform the above scope of work portal to portal one day 8 hours is \$3,959.20.

Transportation 128.40 per hour approximate 12 hours \$1,540.80

Disposal of waste liquid \$2.22 per gallon with a 500 gallon minimum of \$1,110.00

Wash out of tanker \$390.00

Estimated total cost is \$7,000.00

Any unforeseen complications that may arise to require additional time equipment and supplies will be invoiced at cost plus 20%.

Cost of all permits, fees, fines, safety plans, safety equipment, (unless specifically included in the above scope of work) and extras will be invoiced at cost plus 20%. Price quoted herein does not include removal from the jobsite of any hazardous or contaminated material generated, discovered or uncovered.

Thank you for the opportunity to prepare this proposal for you if you have any questions please feel free to call (909) 880-8501.

Sincerely

Warren Duncan
Warren Duncan Contracting

PROPOSAL - CONTRACT



2148 Glen Helen Pkwy
 Devore, California 92407-1512
 909-880-8501 • FAX 909-880-3064
 CA State License #553327

Contracting & Equipment Rental

February 11, 2011
 Yucaipa Valley Water District
 12770 Second St
 PO BOX 730
 Yucaipa Ca 92399-0730
 909-795-2491
 909-795-0402 Fax
kking@yvwd.dst.ca.us

JOB SITE: 880 West County line Rd Yucaipa Ca

In accordance with: Job walk by Stuart Duncan and conversation with Kevin Lee and Kevin King.

SCOPE OF WORK: For the removal of (1) 15,000 gallon methanol tank. Tie downs slabs are to stay in place.

1. WDC will pull permits for tank removals; others are to pay for any back fees or registration fees.
2. WDC will notify AMQD per rule 1166
3. Others to provide adequate water for our use controlling dust for compacting or pay separately when we are billed for same.
4. WDC will notify USA to have utilities to the site marked. We will not be responsible for onsite underground utilities unless they are plainly marked before we start.
5. Others to have all utilities abandon to the excavation prior to move in.
6. All salvage rights are ours.
7. WDC will remove up to 2 inches of product from inside tanks. Any sludge or excess product removal must be done as an extra, as are any contaminants in product
8. WDC will not degas tanks not required.
9. WDC will triple rinse the inside of tanks, disposing of rinsate with manifest.
10. WDC will schedule inspections and remove tanks per government codes.
11. **WDC will dispose of tanks with certificates of destruction. Tank to be broken up onsite then transported to San Bernardino County dump for disposal. Dump ticket will be provided.**
12. WDC will take (2) combination 8260 and oxygenized test of the soil under each tank and have these analyzed for contamination.
13. WDC will import & Backfill the excavation this does not included compaction test or report if needed there will be a extra charge.
14. WDC will not do any patch work as a part of this contract.
15. WDC are not responsible for any RCRA hazardous materials. If any should be found, it may be handled on a time and materials basis.
16. Hidden obstacles such as footings from old buildings, conduits not known up front, are excluded, as is the need for dewatering or shoring.
17. Any additional tests required will be an additional charge to owner.

Page 1 of 2

This quotation includes only those permit or inspection fees listed specifically herein.

NOTICE: The foregoing estimate includes the reverse of this page as if a part of it.

Accepted by _____, 2011

WARREN DUNCAN CONTRACTING

By _____
Buyer

By _____

Contractors are required by law to be licensed and regulated by the Contractors' State License Board. Any questions concerning a contractor may be referred to the Registrar, Contractors' State License Board, P. O. Box 26000, Sacramento, CA 95826

- 18. There will be an extra charge for removal and disposal of any liquid other than water located in the annual space.
- 19. No bonds, permits, SWPP, testing, staking, de watering, shoring, engineering or any other fees not previously stated included in bid.
- 20. This is a prevailing wage project.
- 21. Payment Half (1/2) of contract amount to be paid the day we begin; balance due at time of completion. Past due amounts to earn 14% APR payable monthly to WDC.
- 22. This bid is valid for thirty (30) calendar days.

Contract Price: Nineteen Thousand dollars.....\$17,500.00
Removal of (1) 3,300 gallon hydroxide steel tank that has been cleaned by Yucaipa Valley Water District. Owner to supply letter stating that tank has been cleaned.....\$ 3,500.00
Demolition of Chlorine scrubber..... .S 6,000.00

STANDARD TERMS AND CONDITIONS

- 1. This proposal is subject to buyer’s written acceptance, delivered to Seller at Devore, California, within thirty (30) days from date of estimate, and if not accepted within such time, this proposal is withdrawn. No contract arises, unless and until this proposal has been accepted by the buyer and approved in writing by an authorized representative of seller, and this proposal is subject to change or withdrawal, until so accepted by buyer and approved by Seller.
- 2. Unless otherwise specified herein, invoices shall be rendered immediately upon completion of each item of Work or on the first of each month for any item of work partially completed during the previous month. All invoices shall be net cash, due and payable upon presentation without retention, at Devore, California. Where unit prices are specified in the estimate, the amount due for that item of work shall be determined by measurement of the work completed at the time of billing. In case installment payments are provided for and the buyer fails to pay an installment promptly when due, Seller, at its option, may declare the whole amount of said contract price to be immediately due and payable and may refuse to continue with the work unless and until full payment of the contract price is made; or, as an alternative option, may refuse to continue the work, unless security satisfactory to the Seller is given to insure future prompt payment of installments.
- 3. Upon acceptance of the proposal by the buyer and approval by the Seller, it will become the entire agreement between the parties, notwithstanding any communications or negotiations, written or oral. There are no covenants, agreements, representations, inducements, guarantee, or warranties not herein expressly contained.
- 4. The contract resulting from acceptance of this proposal is made in contemplation of patent conditions of the site and of existing economic conditions and not in anticipation of extraordinary inflation, depression, economic change, war, or latent conditions of the site unknown to Seller. Seller is not responsible for any delays or interruption of the work or for failure of performance in whole or in part by the Seller caused by impossibility of performance, or by economic or commercial frustration attributable to any circumstances or events, the risk of which could not have been reasonably foreseen by Seller, nor for any delays or interruption of the work on account of transportation difficulties, governmental regulation of materials or labor, priorities of any kind, strikes, lockouts, boycotts, differences with employees, acts of God, or other cause beyond the Seller’s control.
- 5. All excise, privilege, occupation, sales, personal property, and other taxes (whether federal, state, or local) applicable to the sale, purchase, use, installation, or ownership of material to be supplied by seller hereunder, and for the payment or collection of which Seller is liable, shall be added to the net contract price herein specified and shall be paid by buyer, whether specifically set forth in the estimate or not.
- 6. If fills or rough grading of the site is to be made by others, the site must be left for us at an elevation within one-tenth foot plus or minus of finished subgrade elevation and be of such material as will readily provide a firm and stable subgrade.
- 7. Boundary line surveys and civil engineering, requiring the services of a licensed civil engineer, if necessary, shall be provided by buyer or at buyer’s expense, in addition to the contract price, but Seller assumes no responsibility for the correctness of such survey or civil engineering. Buyer assumes full responsibility for design of grade, provision for drainage, and discharge of waters from the site, and Seller shall have no liability or responsibility thereof.

This quotation includes only those permit or inspection fees listed specifically herein.

NOTICE: The foregoing estimate includes the reverse of this page as if a part of it.

Accepted by _____, 2011

WARREN DUNCAN CONTRACTING

By _____
Buyer

By _____

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- 8. Seller warrants that the materials to be furnished hereunder will be as specified or equal, and that all work shall be done and performed in a good and workmanlike manner, but Seller expressly assumes no responsibility for failure of paving caused by the settlement of fills placed by others, whether caused by the use of improper fill materials or otherwise.
- 9. Should buyer default hereunder buyer agrees to pay the Seller, in addition to the contract price herein specified, any and all costs reasonably incurred in collecting sums due hereunder or otherwise obtaining restitution from the buyer, including reasonably attorney's fee, if action be commenced, in an amount to be fixed by the court.
- 10. Upon completion, buyer agrees to inspect the work immediately and issue and acceptance to Seller, providing the work has been completed according to the terms of the contract.
- 11. When site improvements are completed in advance of building operations, Seller assumes no responsibility for damage done to same improvements.

Page 3 of 2

This quotation includes only those permit or inspection fees listed specifically herein.

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Accepted by _____, 2011

WARREN DUNCAN CONTRACTING

By _____
Buyer

By _____

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