

**TO:** James L. App, City Manager  
**FROM:** Doug Monn, Public Works Director  
**SUBJECT:** Water Treatment for Sherwood Wells  
**DATE:** April 6, 2010

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**NEEDS:** For the City Council to consider authorizing the purchase of replacement arsenic removal media for the Sherwood Wells.

**FACTS:**

1. The City has nineteen active production wells which pump groundwater from the Paso Robles Groundwater Basin and the Salinas River underflow. During high demand periods (May through October) all production wells must be fully operational to provide for the community's water needs.
2. Summertime demands exceed well production by two to three million gallons per day. Any disruptions of well production will have a negative impact on daily production.
3. The Sherwood Wells account for twenty percent of the City's total water supply.
4. Water from the Sherwood Wells contains arsenic in excess of State and Federal drinking water standards.
5. Arsenic treatment media have been in use for years. The media is no longer viable and must be replaced.

**ANALYSIS &**

**CONCLUSION:** The City's summer water demands often outpace production capabilities during peak season. Sherwood wells produce twenty percent of summer supply, but must be treated for excessive arsenic. The arsenic treatment media is no longer viable and must be replaced at a cost of \$116,000.

**POLICY**

**REFERENCE:** California Code of Regulations, Title 22 - D.4

**FISCAL**

**IMPACT:** \$116,000 from the water operations fund; cash balance in the Water Operations Fund is \$8.4 million.

- OPTIONS:**
- A. That the City Council Adopt Resolution No. 10-xx authorizing purchase of replacement media for the Sherwood Wells in an amount not to exceed \$116,000
  - B. Amend, modify or reject the above option.

Prepared by: Christopher Alakel, Water Resources Manager

Attachments: (2)

- 1) Quotation from Purolite
- 2) Resolution

# PUROLITE

ION EXCHANGE RESINS

TO:	Paso Robles Water District	Date	January 27, 2010
ATTENTION:	Mike Masser	PAGES	1
SUBJECT:	PuroLite FerriX A33E Quotation		
Cc:			

We are pleased to provide our proposal for the Purolite resins as per your request.

Designation	Description	Quantity ft <sup>3</sup>	Price / ft <sup>3</sup>
A33E	Virgin FerriX A33E	380	\$290.00

Our terms:	
Specifications:	As per PUROLITE published data sheet, Please visit our web site, <a href="http://www.puroliteusa.com">www.puroliteusa.com</a> for the latest in technical data.
FOB Point:	Paso Robles Water District warehouse (Paso Robles CA)
Shipment:	Leave our plan with in 1-2 weeks after receipt of your purchase order and established credit (currently good in stock)
Packaging:	Resin is packed in 35/CF super sacks.
Prices:	Prices are quoted in United States \$, based on receiving an order for the total resin quantity quoted, and valid for 90 days
Taxes:	Extra if applicable.
Terms:	Net 30 days after approved credit, CASH or credit card

Trusting this meets with your approval, we look forward to your valued order.

Best Regards:

*Dave LaRose*

Technical Sales Consultant



The Purolite Company, Division of Dow Chemical Company, 11401 E. Green Street, Dallas, TX 75242  
 Phone: 419-212-1000 Fax: 419-212-1001 E-mail: [dlarose@puroliteusa.com](mailto:dlarose@puroliteusa.com) Website: [www.puroliteusa.com](http://www.puroliteusa.com)

RESOLUTION NO. 10-xxx

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF PASO ROBLES  
AUTHORIZING A PURCHASE ORDER TO PUROLITE FOR  
THE PURCHASE OF ARSENIC REMOVAL MEDIA

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WHEREAS, the City has been unable at times to meet seasonal peak water demands; and

WHEREAS, the Sherwood Wells supply twenty percent of the City's Water supply; and

WHEREAS, the efficacy of Purolite media to remove arsenic from water produced from the Sherwood Wells has been successfully demonstrated over the last two years.

NOW, THEREFORE, BE IT RESOLVED AS FOLLOWS:

SECTION 1. The City Council of the City of El Paso de Robles does hereby appropriate \$116,000 from Water Operations Fund to Budge Account No. 600-310-5236-165.

SECTION 2. The City Council of the City of Paso Robles does hereby authorize a Purchase Order to Purolite for the purchase of arsenic removal media in an amount not to exceed \$116,000.

PASSED AND ADOPTED by the City Council of the City of Paso Robles this 6th day of April 2010 by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

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Duane Picanco, Mayor

ATTEST:

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Lonnie Dolan, Deputy City Clerk