



# WASHOE COUNTY

Integrity Communication Service

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## STAFF REPORT

BOARD MEETING DATE: May 22, 2018

**DATE:** April 20, 2018

**TO:** Board of County Commissioners

**FROM:** Chris Benedict, Central Truckee Meadows Remediation District Program Manager, Community Services Dept., 954-4642, [cbenedict@washoecounty.us](mailto:cbenedict@washoecounty.us)

**THROUGH:** Dwayne Smith, P.E., Division Director, Engineering and Capital Projects Community Services Department, 328-2043, [desmith@washoecounty.us](mailto:desmith@washoecounty.us)

**SUBJECT:** Recommendation to approve the following agreements to support continuing characterization of tetrachloroethene (PCE) contamination in three separate potential source areas: 1) Agreement for Professional Consulting Services for the Central Truckee Meadows Remediation District Program with Broadbent & Associates, Inc. for the Mill/Kietzke Potential Source Area Investigation Project [\$434,080.40]; 2) Agreement for Professional Consulting Services for the Central Truckee Meadows Remediation District Program with Broadbent & Associates, Inc. for the Vassar/E. Plumb Potential Source Area Investigation Project [\$386,338.64]; and, 3) Agreement for Professional Consulting Services for the Central Truckee Meadows Remediation District Program with Broadbent & Associates, Inc. for the West Fourth Street Potential Source Area Investigation Project [\$376,840.67] in support of the Central Truckee Meadows Remediation District program. (All Commission Districts.)

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### **SUMMARY**

On December 1, 2017 the Washoe County Purchasing Department issued a Request for Qualifications (RFQ, Attachment 1; by posting on DemandStar) to elicit submittals to identify firms qualified to perform this work. Statements of Qualification (SOQs) were received on January 12, 2018 from four respondents and were evaluated (Attachment 2) by the selection committee. The most qualified firm (Broadbent & Associates) was invited to participate in discussions and negotiations that resulted in three separate scopes of work (with accompanying budgets) to perform the work in each of the three Potential Source Areas (PSAs). These scopes of work consist of a series of separate tasks as described in detail in each of the proposed contracts attached here (Attachment 3-1 [the contract with Broadbent & Associates for the Mill/Kietzke PSA], Attachment 3-2 [the contract with Broadbent & Associates for the Vassar/E. Plumb PSA], and Attachment 3-3 [the contract with Broadbent & Associates for the West Fourth Street PSA]).

The work to be performed will include the continued characterization of previously identified tetrachloroethene (PCE) high mass areas (HMAs) in these PSAs, to determine

**AGENDA ITEM # \_\_\_\_\_**

whether or not these HMAs pose a threat to groundwater, and to form the basis for determining if mitigating those threats is feasible. As shown in Figure 1, the PSAs include the Mill/Kietzke PSA, the Vassar/E. Plumb PSA, and the West Fourth Street PSA. Results from these activities will be presented to the Nevada Division of Environmental Protection (NDEP) and/or the Washoe County Health District for their consideration as the appropriate regulatory authorities (in accordance with the CTMRD Program Remediation Management Plan [or RMP] approved by the Board of County Commissioners [Board] in October 2002). Results will also be presented to the City of Reno (the jurisdiction where these activities will be taking place).

Washoe County Strategic Objective supported by this item: Safe, secure and healthy communities.

### **PREVIOUS ACTION**

- **Mill/Kietzke PSA**
  - On June 24, 2008, the Board approved a contract [\$249,728] with Kleinfelder to support investigation of potential PCE sources in the Mill/Kietzke PSA.
  - An amendment [\$524,831] to the 2008 Kleinfelder contract to support the continued investigation of potential PCE sources in the Mill/Kietzke PSA was approved by the Board in June 2013.
- **Vassar/E. Plumb PSA**
  - On June 24, 2008, the Board approved a contract [\$247,045] with HydroGeoChem to support the investigation of potential PCE sources in the Vassar/E. Plumb PSA.
  - On February 26, 2013, the Board approved a contract [\$397,644] with Kleinfelder to support the continued investigation of potential PCE sources in the Vassar/E. Plumb PSA.
- **West Fourth Street PSA**
  - On June 24, 2008, the Board approved a contract [\$250,000] with AMEC/Geomatrix to support the investigation of potential PCE sources in the W. Fourth Street PSA.

### **BACKGROUND**

The Central Truckee Meadows Remediation District (CTMRD) was created in 1995 (by state statute [NRS540A250-285] and county ordinance [Ordinance 1000]) to:

- Address groundwater that has been contaminated by historical use of tetrachloroethene (or PCE; a cleaning and degreasing solvent widely used since the 1930s) and to maintain the viability of essential municipal water supply wells;
- Provide liability protection for innocent property owners in the affected area (i.e. within the area of historical impacts); and,
- Prevent the historical PCE-impacted area in Reno/Sparks from being designated a federal superfund site by the United States Environmental Protection Agency (EPA).

The CTMRD program is funded by fees assessed annually on water-using land parcels served by water purveyors with wells in the affected area. These “Remediation” fees are collected as a line item on the general tax bills. The revenues generated fund four major activities:

- Providing drinking water that meets the standard with respect to PCE;
- Managing sources of PCE contamination;
- Investigating and monitoring groundwater in the PCE-affected area; and,
- Stakeholder coordination and public outreach.

Program implementation is based on input from a stakeholder group comprised of representatives from the agencies and jurisdictions (city of Reno, city of Sparks, Nevada Division of Environmental Protection, Truckee Meadows Water Authority, and Washoe County Health District) who are involved in the effort. Program implementation is led by CTMRD staff.

Best practice dictates that eliminating source(s) of groundwater contamination is an essential part of (and the second most cost-effective measure, after prevention) in ultimately resolving the problem. In addition to continuing to treat PCE-contaminated groundwater, to ensure the availability of safe drinking water, recent efforts are focused on identifying PCE sources with the intent of mitigating those sources that threaten groundwater. The three contracts recommended for Board approval are specific examples of those recent efforts.

It is important to point out that \$184,058.42 included in the Mill/Kietzke PSA contract costs is for work proposed to be conducted on private property. The work proposed on private property has been developed with input from NDEP and is a continuation of past work conducted by the CTMRD in the public right-of-way. The results from this past work were the subject of a source referral from the CTMRD to NDEP in April 2016 (in accordance with the RMP) that strongly suggests a PCE source impacting groundwater is present on that private property. It has been proposed by NDEP that the CTMRD, as the subject matter experts, extend work onto private property where the source is suggested to be located. Ongoing discussions to that end among the property owner, NDEP, and the CTMRD are positive and favorable. However, the implementation of work by the CTMRD on private property is contingent on successful execution of an inter-local agreement between Washoe County and NDEP, and a right of access agreement with the property owner. If access to this site does not occur within the contract time frame of 18-months, funding for the elements associated with this site will be reserved for this or other activities to address the site needs.

### **FISCAL IMPACT**

The estimated total cost for these three professional services agreements is \$1,197,259.71. Funding is available in the dedicated CTMRD program fund and has been included in the approved FY2017-18 budget in Cost Center 206202 Account 710100. Work conducted under these contracts will take an estimated 18 months to perform and will proceed through the end of November 2019.

## **RECOMMENDATION**

It is recommended the Board of County Commissioners approve the following agreements to support continuing characterization of tetrachloroethene (PCE) contamination in three separate potential source areas: 1) Agreement for Professional Consulting Services for the Central Truckee Meadows Remediation District Program with Broadbent & Associates, Inc. for the Mill/Kietzke Potential Source Area Investigation Project [\$434,080.40]; 2) Agreement for Professional Consulting Services for the Central Truckee Meadows Remediation District Program with Broadbent & Associates, Inc. for the Vassar/E. Plumb Potential Source Area Investigation Project [\$386,338.64]; and, 3) Agreement for Professional Consulting Services for the Central Truckee Meadows Remediation District Program with Broadbent & Associates, Inc. for the West Fourth Street Potential Source Area Investigation Project [\$376,840.67] in support of the Central Truckee Meadows Remediation District program.

## **POSSIBLE MOTION**

Should the Board agree with staff's recommendation, a possible motion would be: "Move to approve the following agreements to support continuing characterization of tetrachloroethene (PCE) contamination in three separate potential source areas: 1) Agreement for Professional Consulting Services for the Central Truckee Meadows Remediation District Program with Broadbent & Associates, Inc. for the Mill/Kietzke Potential Source Area Investigation Project [\$434,080.40]; 2) Agreement for Professional Consulting Services for the Central Truckee Meadows Remediation District Program with Broadbent & Associates, Inc. for the Vassar/E. Plumb Potential Source Area Investigation Project [\$386,338.64]; and, 3) Agreement for Professional Consulting Services for the Central Truckee Meadows Remediation District Program with Broadbent & Associates, Inc. for the West Fourth Street Potential Source Area Investigation Project [\$376,840.67] in support of the Central Truckee Meadows Remediation District program."

Attachment: Figure 1 – PSA Investigation Map  
Attachment 1 – Request for Qualifications (RFQ)  
Attachment 2 – Statement of Qualification (SOQ) evaluation results  
Attachment 3-1 – Broadbent & Associates contract for Mill/Kietzke PSA  
Attachment 3-2 – Broadbent & Associates contract for Vassar/E. Plumb PSA  
Attachment 3-3 – Broadbent & Associates contract for West Fourth Street PSA