

Part D No. 6

3P

Attachment 1
SCOPE OF WORK AND ASSOCIATED BUDGET
 Boron Community Services District
 Project No. 1510002-001

DESCRIPTION PLANNING PROJECT TASKS AND ASSOCIATED BUDGET

Scope of Work	Budget (\$)
<p>Task 1: Project Management</p> <ul style="list-style-type: none"> • Perform ongoing project management of planning fund activities and team meetings. • Project kick-off meeting. • Provide periodic project progress reports to BCSD staff, Board and CDPH. • Manage Tier 2 planning funds, coordinate with CDPH staff and District planning funding program administration and information and data requests. • Assist BCSD in securing land and Right-of-Way for conducting pilot test well and production well site. 	\$25,000
<p>Task 2: Prepare Planning Funds (Tier 2) Application</p> <p>This task includes the work associated with preparing and submitting the <i>Safe Drinking Water State Revolving Fund (SDWSRF) Application for Planning Funds (Tier 2)</i> to secure planning funding for the tasks outlined herein. If eligible, the District will request reimbursement for application preparation costs under the planning funding.</p>	\$6,000
<p>Task 3 Prepare Preliminary Engineering Report (PER)</p> <ul style="list-style-type: none"> • Problem Evaluation: Analyze available alternatives and recommend the best option or combination of options to comply with the arsenic MCL. It is anticipated that the solution will be the combination of a new water well, to replace the aging existing wells, and an arsenic removal water treatment plant. However, the PER will evaluate the following alternatives as stand alone or in combination: <ul style="list-style-type: none"> ○ Drill new water well at a new site to obtain low arsenic water ○ Construct arsenic water treatment plant to treat water from existing wells ○ Construct arsenic water treatment plant to treat water from new well. ○ Utilize blending of AVEK water to meet arsenic MCL with new well producing lower arsenic water. <p>The PER will include an evaluation of current and projected 20-year water supply needs. Cost estimates and an evaluation of the feasibility of each alternative will be included in the PER. A final recommendation and cost estimate for arsenic compliance will be provided. Preliminary water treatment alternative recommendations will be made and a location for a new well and water treatment plant identified. The remaining tasks assume that the PER will recommend a new water well with the anticipated need for arsenic treatment and that the project will proceed accordingly.</p>	\$15,000

DWSRF Planning Application
 Planning Project Scope of Work and Associated Budget

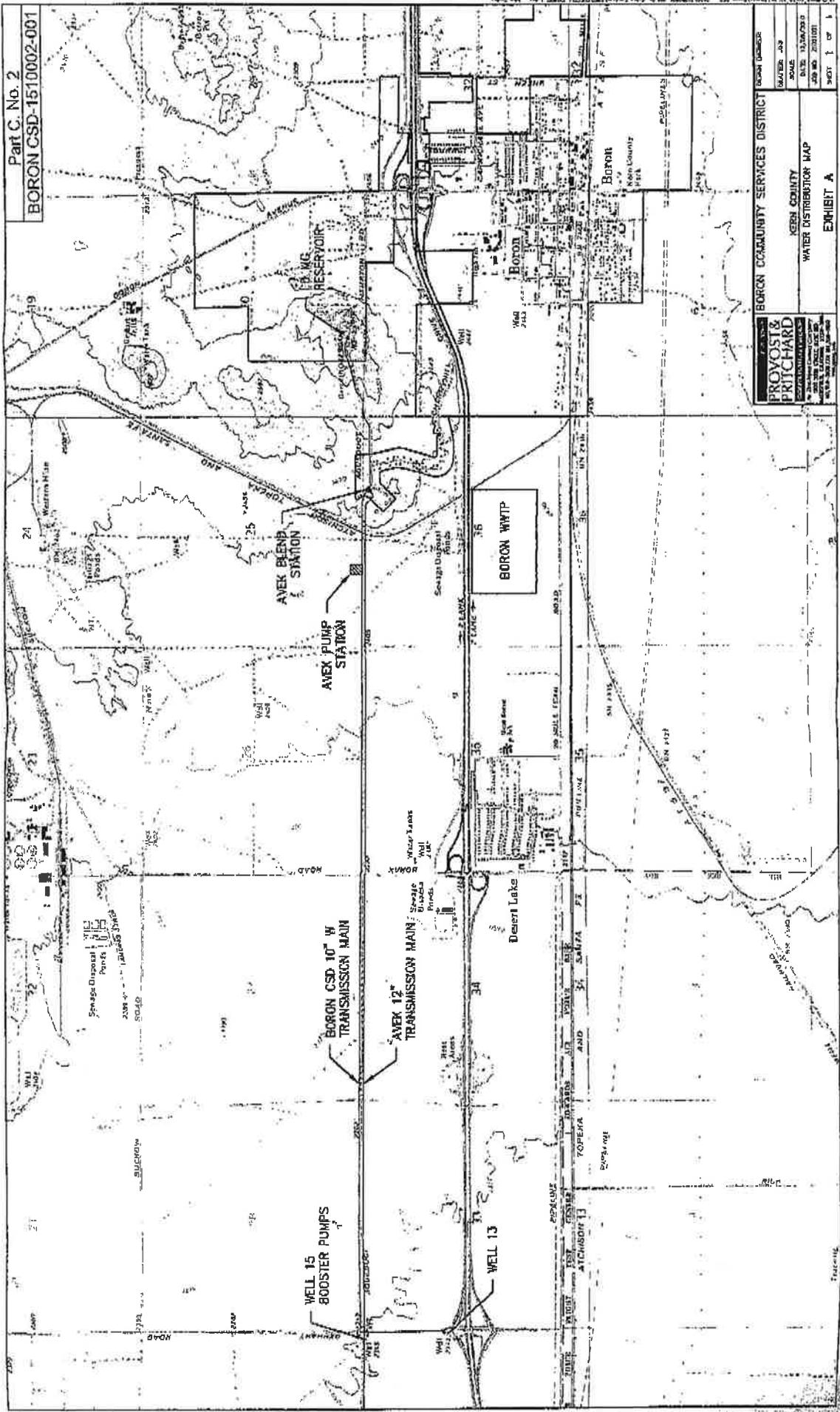
Enclosure 3p

<ul style="list-style-type: none"> Identify water treatment or blending options and system improvements needed to facilitate meeting water quality standards and system water demands. Prepare Draft and Final Preliminary Engineering Report and submit to CDPH District Engineer for review. 	
<p>Task 4 Hydrogeology Study</p> <p>A hydrogeology study will be completed with the objective of determining the best site and depth of a new well that is compatible with the Boron CSD water system and has the best probability of producing an adequate yield of low arsenic water. The study will include:</p> <ul style="list-style-type: none"> Research hydrogeology of the area, consult with local well drillers, review of available well logs and review of water quality. Prepare summary report with recommended site, depth, and testing programs for pilot well. 	\$8,000
<p>Task 5 Pilot Test Well Design and Bidding</p> <p>This Task will include the following work:</p> <ul style="list-style-type: none"> Prepare plans, specifications and estimate for pilot test well Obtain necessary construction easements and prepare required easements for construction Project advertising and bidding Award pilot test well contract. 	\$16,000
<p>Task 6 Pilot Test Well Construction</p> <p>This Task will include the following:</p> <ul style="list-style-type: none"> Drill 1 pilot test well to depth recommended in hydrogeology study (a maximum depth of 600 feet is assumed for cost estimating) (\$115,000) Conduct zone sampling and water quality testing for up to 4 zones (\$5,000) Prepare geologic log and E-log (\$2,000) Abandon test well (\$5,000) Engineering inspection, construction administration, hydrogeology and lab services during well testing (\$15,000) Prepare report with recommendation for final production well depth, screen intervals, zone isolation and construction method. The need for arsenic removal treatment will be identified. Submit to CDPH District Engineer for review. (\$5,000) Ensure Labor Compliance requirements are met for SRF funding (\$3,000) 	\$150,000
<p>Task 7 CEQA/NEPA</p> <ul style="list-style-type: none"> Prepare CEQA/NEPA documentation for production well and proposed arsenic water treatment facilities. CEQA document will consider various arsenic removal treatment technologies including coagulation-filtration and adsorption. Prepare required environmental documents. A mitigated negative declaration is assumed to be adequate. 	\$24,000

DWSRF Planning Application
 Planning Project Scope of Work and Associated Budget

Enclosure 3p

<ul style="list-style-type: none"> • Complete biological survey and cultural survey as required • Prepare CEQA Documents for planned improvements to ensure compliance with CEQA and other State and Federal environmental requirements. 	
<p>Task 8 Production Well Design</p> <ul style="list-style-type: none"> • Prepare plans, technical specifications and estimate for production well, pump, well house, piping connection, gravity blending tank, booster pumps electrical, site improvements and appurtenances. • Prepare topographic survey and property surveys as required for design of facilities. • Prepare bid and contract documents for production well. 	\$150,000
<p>Task 9 Project Support Costs</p> <ul style="list-style-type: none"> • Legal costs • Administrative costs 	\$15,000
Contingency	\$18,000
Total	\$427,000



Part C. No. 2
BORON CSD-1510002-001

PROVOST & PRITCHARD ENGINEERS 1000 N. G ST. SUITE 100 BORON, CA 92309 TEL: 760-833-1111 FAX: 760-833-1112	BORON COMMUNITY SERVICES DISTRICT DESIGN DRAWING	
	DRAWN BY: JAP SCALE: AS SHOWN DATE: 12/20/09 JOB NO: 2010101	KERN COUNTY WATER DISTRIBUTION MAP EXHIBIT A

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Appendix A

State of California—Health and Human Services Agency
California Department of Public Health



ARNOLD SCHWARZENEGGER
 Governor



MARK B. BORTON, MD, MSPH
 Director

January 23, 2009

Boron Community Services District
 P.O. Box 1060
 Boron, CA 93596
 Attention: Natalie Dadey.

**RE: BORON COMMUNITY SERVICES DISTRICT – WATER SYSTEM #1510002
 COMPLIANCE ORDER FOR VIOLATION OF ARSENIC MCL FOR ARSENIC**

Enclosed is Compliance Order No. 03-19-09O-032 that the California Department of Public Health is issuing to the Boron Community Services District water system (hereinafter Water System) for a violation of the California Safe Drinking Water Act. The Water System has been serving water to consumers that fails the primary maximum contaminant level (MCL) for arsenic of 0.010 milligrams-per-liter.

As discussed in the compliance order, the Water System shall develop and implement a plan to resolve the MCL violation and ensure that water served to consumers meets all drinking water standards. The Department has various funding programs available for providing financial assistance to water systems for making improvements that are needed to achieve compliance with the arsenic MCL. Funding information is available on the Department's web site at:

<http://www.cdph.ca.gov/certlic/drinkingwater/Pages/DWPFunding.aspx>

Please note that a written response to the Compliance Order is required by March 31, 2009 containing a plan and time schedule to correct the water quality problem as described in the Compliance Order. Failure to comply with deadlines and orders specified in the Compliance Order may result in further enforcement action by the Department. Please be advised that the time we have spent on preparing the compliance order is considered enforcement time and has been billed to the Water System at our current billing rate of \$111.06 per hour.

All written responses should be directed to Jesse Dhaliwal, Senior Sanitary Engineer in the Tehachapi District office. If you have any questions regarding this compliance order, please contact the Tehachapi District office at (661) 335-7315.

Sincerely,

Richard L. Haberman, P.E.
 Supervising Sanitary Engineer
 SOUTHERN CALIFORNIA BRANCH
 DRINKING WATER FIELD OPERATIONS

Enclosure: Compliance Order No. 03-19-09O-032

CC: Kern County Environmental Health Services Department

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**STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH**

IN RE: Boron Community Services District Water System
System No. 1510002

TO: Natalie Dadey, Office Manager
Boron Community Services District
P.O. Box 1060
Boron, CA 93596

**COMPLIANCE ORDER
FOR
VIOLATION OF THE ARSENIC MAXIMUM CONTAMINANT LEVEL
July 1, 2008 to December 31, 2008**

Compliance Order No. 03-19-090-032

Issued on: January 23, 2009

Section 116655, Chapter 4 of the California Health and Safety Code (H&SC) authorizes the issuance of an Order for failure to comply with a requirement of the California Safe Drinking Water Act, or any regulation, standard, permit, or order issued thereunder.

BACKGROUND

The California Department of Public Health (hereinafter Department) regulates public water systems and is responsible for enforcing the California Safe Drinking Water Act (Division 104, Part 12, Chapter 4 of the H&SC).

Boron Community Services District operates the Boron Community Services District water system, a public water system regulated by the Department. Boron Community Services District water system (hereinafter Water System) is a community water system located in

Compliance Order 03-19-090-032

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2 the community of Boron, in Kern County. The Water System serves a population of
3 approximately 2001 through 630 active service connections. The Water System is
4 operating under Water Supply Permit Number 79-019 issued by the California Department
5 of Health Services on March 13, 1979. The Water System consists of two wells (Well #13-
6 Standby and Well #15), two storage tanks, two booster pumps, and distribution lines. The
7 Water System also buys treated surface water from Antelope Valley East Kern Water
8 Agency (hereinafter AVEK) and blends with water from Well #15.
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11 Arsenic is a naturally occurring contaminant sometimes found in drinking water. The State
12 primary Maximum Contaminant Level (MCL) for arsenic in drinking water is 0.010
13 milligrams-per-liter (mg/L). Some people who drink water containing arsenic in excess of
14 the MCL over many years may experience skin damage or circulatory system problems,
15 and may have an increased risk of getting cancer. Effective January 23, 2006, the United
16 States Environmental Protection Agency (USEPA) lowered the Federal primary MCL for
17 arsenic from 0.050 to 0.010 mg/L. Effective November 28, 2008, the Department lowered
18 the State primary MCL for arsenic from 0.050 to 0.010 mg/L as stated in Chapter 15,
19 Section 64431, Title 22 of the California Code of Regulations (CCR), in order to match the
20 Federal MCL set by USEPA.
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24 A water system in violation of the MCL for arsenic may come into compliance by finding a
25 new source of water meeting drinking water standards, by treating the water to remove or
26 reduce the level of arsenic in the water, by blending the arsenic contaminated water with
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Compliance Order 03-19-090-032

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2 another source of water with low levels or no arsenic in it, or by consolidating with another
3 water system that is able to provide water that meets drinking water standards. For small
4 water systems that are failing the drinking water standard for arsenic, the Department
5 strongly recommends consolidation of the small water system with a nearby larger water
6 system. The Department may be able to provide funding in the form of either grants or low
7 interest loans through the Safe Drinking Water State Revolving Fund (DWSRF) or
8 Proposition 84.
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11 **FINDINGS**

12 Prior to January 2006, Boron Community Services District used Well 15 in conjunction
13 with AVEK water and was able to comply with the then State arsenic MCL of 0.050 mg/L.
14 From January 2006 to May 2008, the Water System did not use Well 15 and only supplied
15 AVEK water to its customers and was in compliance with the federal arsenic MCL of
16 0.010 mg/L. In April 2008, the Water System contacted the Department and notified that
17 water supplied by AVEK (due to cut in supplies) was not sufficient to meet its demand and
18 requested approval of the Department to allow blending of Well 15 and AVEK water at the
19 rate water at a rate of 55% AVEK water to 45% percent well water with a goal to maintain
20 arsenic below 0.050 mg/L in the blended water. Following approval of the blending plan
21 by the Department, the Water System started blending AVEK water and Well 15 water
22 effective June 2008.
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Compliance Order 03-19-090-032

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Arsenic compliance of the Water System is based on the arsenic level in the blended water. Water quality monitoring of the Water System indicates that blended water (PS Code: 1510002-004) served to the public by the Water System following blending of Well 15 (PS Code 1510002-002) and purchased water from AVEK is contaminated with arsenic. Attachment A is a copy of the Department's WQI database report of the Water System's arsenic monitoring of Well 15 and Arsenic Blending Station. Attachment B has a table that contains a summary of arsenic monitoring results for Well 15 and Arsenic Blending Station.

Compliance with the MCL for arsenic is determined by the running annual average of four quarters worth of data. If any sample will cause the annual average at any sample site to exceed the MCL, the system shall be out of compliance immediately upon receiving the result. Also, if a system has not analyzed the required number of samples, compliance shall be determined by the average of the samples collected at the site during the most recent 12 months.

As discussed earlier, arsenic MCL compliance of the Water System is based on the arsenic levels in the blended water from Well 15 and AVEK. In 2008, the Water System collected four samples from the Arsenic Blending Station. The most recent running annual average (Year 2008) arsenic level in blended water and Well 15 was respectively, 0.028 mg/L and 0.075 mg/L. Therefore, the Water System failed the primary MCL for arsenic of 0.010 mg/L for the water produced by Well 15 and blended water supplied to consumers.

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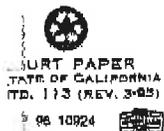
The Water System is in violation of the primary MCL for arsenic for the period from July 1, 2008 to December 31, 2008.

Monitoring and Reporting Requirements

When the arsenic monitoring results for a source indicate the presence of arsenic at a level exceeding the MCL, the water system is required to conduct quarterly monitoring of that source for arsenic. By letter dated May 27, 2008, the Department directed the Water System to commence quarterly monitoring for arsenic in Well 15 and monthly arsenic monitoring of the blended water. The Water System failed to monitor Well 15 and Arsenic Blending Station in the fourth quarter of 2008. Therefore, the Water System is in violation of monitoring and reporting regulations. Water systems that fail to monitor in accordance with regulations are required to inform their customers of that fact in the next annual Consumer Confidence Report.

CONCLUSIONS OF LAW

Based on the above Findings, the Department has determined that Boron Community Services District has violated statutes contained in the California Health and Code and regulations contained in Title 22, California Code of Regulations. These violations include, but are not limited to the following:



Compliance Order 03-19-09O-032

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1. H&SC Section 116555(a)(1): Specifically, Boron Community Services District water system delivered water to their consumers that did not comply with a primary drinking water standard.
2. H&SC Section 116555(a)(3): Specifically, Boron Community Services District water system failed to ensure that a reliable and adequate supply of pure, wholesome, healthful, and potable water is provided to all of its consumers.
3. CCR Section 64431(a): Specifically, the water supplied by Boron Community Services District water system from Well 15 (PS Code 1510002-002), exceeded the maximum contaminant level of 0.010 mg/L for arsenic and, therefore, did not comply with primary drinking water standard for arsenic for the period from January 1, 2006 to December 31, 2008, based upon the running annual average arsenic level in the water.
4. CCR Section 64431(a): Specifically, Boron Community Services District water system failed to monitor Well 15 (PS Code: 1510002-002) and Arsenic Blending Station (PS Code: 1510002-004) for arsenic in the fourth quarter of 2008 after exceeding the MCL for arsenic.

PUBLIC NOTIFICATION

Since exceeding inorganic MCLs (other than nitrate or perchlorate) is a Tier 2 violation, the Water System must provide public notice to persons served as soon as practical but within 30 days after learning of the violation (CCR, Title 22, Chapter 15, Section 64463.4(b)). The Water System is required to submit the notice to the Department for approval prior to distribution or posting. In accordance with the letter dated May 27, 2008,

Compliance Order 03-19-090-032

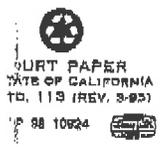
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the Water System has been conducting quarterly public notification of its consumers. **Attachment C** contains the required language that must now be included in the public notice. Also included in **Attachment C** are instructions describing the required methods of notification for Tier 2 violations. The Water System must continue to perform quarterly public notification in accordance with the instructions provided in **Attachment C** as long as it is in violation of the primary standard for arsenic. The quarterly notification must be updated by taking into account the latest results of arsenic monitoring. **Attachment D** is a *Proof of Notification* form that Water System will need to complete and submit to the Department following each quarterly public notification along with a copy of that notice.

ORDER

In order to ensure that the water supplied by Boron Community Services District water system is at all times safe, wholesome, healthful, and potable, and pursuant to Section 116655 of the H&SC, Boron Community Services District is hereby ordered to take the following actions regarding Boron Community Services District water system:

1. Boron Community Services District water system shall Cease and Desist from failing to comply with H&SC Section 116555(a)(1) and (3) by ensuring that the water system is provided with a reliable and adequate source of pure, wholesome, healthful, and potable water that is in compliance with all drinking water standards.
2. Since Boron Community Services District water system must use its well to meet system demand until a project is completed to provide water meeting drinking water



Compliance Order 03-19-090-032

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standards, the Water System shall provide public notification in accordance with CCR, Title 22, Section 64463.4 of its inability to meet the arsenic MCL.

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Attachment C contains the required language that must be included in the notice along with the required method of notification. The Water System must submit the

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proposed public notice to the Department for review and approval and the first notification shall be provided to the public as soon as possible and in any event no

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later than **February 23, 2009**. Proof of public notification shall be provided to the

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Department following each quarterly notification by the 10th day of the month

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following notification, using the form provided as **Attachment D**.

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3. Boron Community Services District water system shall continue to monitor Well 15

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quarterly for arsenic and Arsenic Blending Station monthly and shall require the

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analyzing laboratory to report the results to the Department via electronic data transfer.

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Results of quarterly monitoring for arsenic shall be reflected in the quarterly public

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notice.

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4. By **March 31, 2009**, Boron Community Services District water system shall submit

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to the California Department of Public Health for review and approval, a plan to

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correct the water quality problem and eliminate the need to deliver water to the

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system from Well 15 that does not meet drinking water standard for arsenic. The

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plan shall include a time schedule for completion which must not extend beyond

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March 31, 2010 or beyond one year from the date that a project to be funded by

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DWSRF/Prop 84 achieves final approval, whichever is later. Any plan involving

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Compliance Order 03-19-090-032

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treatment of any kind or significant changes to the distribution system must be prepared by a registered engineer qualified to work on drinking water systems. The Preliminary Engineering Report for the proposed DWSRF/Prop 84 project application may suffice to satisfy this directive.

5. Boron Community Services District water system shall complete all the improvements and/or additions outlined in the proposed project submitted pursuant to item 4 above in accordance with the time schedule as approved by the Department. Boron Community Services District shall also submit quarterly progress reports to the Department, beginning July 10, 2009.

6. Boron Community Services District water system shall minimize the use of Well 15 as much as possible and shall maintain monthly production reports for Well 15 and provide them to the Department when requested.

7. The Department reserves the right to make such modifications to this Order as it may deem necessary to protect public health and safety. Such modifications may be issued as amendments to this Order and shall be effective upon issuance.

8. If Boron Community Services District water system is unable to perform the directives specified in this Order for any reason, whether within or beyond its control, and if Boron Community Services District notifies the Department in writing no less than five days in advance of the due date, the Department may extend the time for performance if

Compliance Order 03-19-090-032

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PARTIES BOUND

This Order shall apply to and be binding upon Boron Community Services District water system, its officers, directors, agents, employees, contractors, successors, and assignees.

SEVERABILITY

The requirements of this Order are severable, and Boron Community Services District water system shall comply with each and every provision thereof notwithstanding the effectiveness of any provisions.

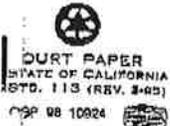
January 23, 2009
Date



Richard L. Haberman, P.E., Chief
Region III
SOUTHERN CALIFORNIA BRANCH
DRINKING WATER FIELD OPERATIONS

Attachments:

- Attachment A: WQI Reports - Boron Community Services District water system - Arsenic Monitoring Results
- Attachment B: Summary of Arsenic Monitoring
- Attachment C: Public Notification Required Language and Method of Notification
- Attachment D: Proof of Public Notification



FAX COVER SHEET

Boron Community Services District
27167 Carmichael Street
P.O. Box 1060
Boron, California 93596-1060
Phone: (760) 762-6127
Fax: (760) 762-6508

Sent to Information	Sent from Information
Company Name: RMC	From: Natalie Dadey
Attention: BRIAN DIETRICK	Date: August 31, 2012
Fax Number: (310) 566-6461	Phone Number: (760) 762-6127

Total number of pages, including the cover: 8

<p>COMMENTS:</p> <p>DESCRIPTION OF THE PLANNING PROJECT</p>
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B. DESCRIPTION OF THE PLANNING PROJECT:

- Describe the ranked problem being addressed by the Planning Project (Part C.1 of SRF Planning Application).

The ranked problem is non-compliance with the maximum contaminant level (MCL) for arsenic. The two BCSD wells produce groundwater with a variable arsenic concentration ranging generally from 60 to 80 ug/L. Well 15 is the primary well with Well 13 used as standby only. The arsenic concentration is partially mitigated by blending well water with AVEK treated surface water, which is very low in arsenic concentration. Because of restrictions in the availability of State Water Project water from AVEK, it is not possible to use a high enough ratio of AVEK water to blend to below the MCL. AVEK water is also subject to supply restrictions. Customers are currently receiving water with arsenic concentration in the 28 to 45 ug/L range. BCSD has received a Compliance Order No. 03-19-090-032, dated January 23, 2009 (see Appendix A). BCSD responded to the Order in a letter dated March 30, 2009 (see Appendix A). A summary of recent arsenic monitoring results are in Appendix A.

- Describe possible alternative(s) to be considered to correct the ranked problem described in this section. Include the feasibility of consolidation with one or more water systems.

Alternatives considered include 1) drilling a new water well to obtain low arsenic water; 2) construct an arsenic removal water treatment plant; 3) blending with AVEK or a combination of the above. Consolidation to achieve arsenic compliance is not considered feasible at this time because all neighboring groundwater wells are known to contain arsenic exceeding the MCL. Although it is not considered likely that a new water well will produce water with arsenic less than the MCL, a new water well is proposed because both existing wells are nearly 50 years old and they produce water very high in arsenic, thus increasing treatment costs and the risk that the treatment process may sometimes produce water that exceeds the MCL. The goal will be to obtain water with low levels of arsenic so that the influent to an arsenic removal treatment process is as low as possible. The age of the wells suggest that it is too risky to just add treatment to the existing wells. If one or both of the existing wells fail within the next several years, a new well will need to be drilled. Water produced from a new well may or may not be compatible with an existing treatment system. BCSD is therefore proposing that a new well be drilled first before treatment pilot studies are completed and a new treatment process designed. A pilot well is proposed, with zone sampling, to identify and select zones that produce the lowest arsenic water concentrations. The production well will be designed and screened to produce low arsenic water. Following the planning phase, a production well will be drilled. Pilot plant testing will be completed and a new arsenic water treatment plant will be designed and constructed in a followup Tier 1 construction grant. The existing water reservoir is proposed to be used as a finished water clear well, with all water entering the reservoir before it is distributed to customers. This will require construction of a new feed line from the reservoir to the Cherry Hill area, which is connected to the main transmission line leading from the well field area to the reservoir.

- If a selected alternative has been determined, describe it here. The selected alternative must be the most cost effective, long-term solution that solves the identified ranked problem. If this Planning Project includes the development of final plans and specifications and environmental documents, the applicant must seek CDPH District approval before proceeding.

No alternative has been selected.

- In order to be ready for Tier I Construction Funds in the future, the following tasks should be included in the Planning Project, please check and describe each task:

YES	NO	Task
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Conduct feasibility studies; evaluating problem(s) & potential solutions Describe: <u>This work will be completed in the Tier 2 Planning phase. The work will be initiated upon receipt of funding.</u> (specify status of any of the above)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Prepare Technical, Managerial, and Financial (TMF) documents and assessments Describe: <u>This work will be completed in the Tier 2 Planning phase. Some documents were included in the grant application.</u> (specify status of any of the above)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Conduct environmental evaluations and/or prepare California Environmental Quality Act/National Environmental Policy Act (CEQA/NEPA) documents Describe: <u>This work is proposed to be completed in the Tier 2 Planning phase.</u> (specify status of any of the above)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Conduct engineering design; and develop final plans and specifications Describe: <u>Design of a new production well is included in the Tier 2 Planning phase. Design of arsenic removal water treatment plant will be included in the Tier 1 construction phase (if treatment is the recommended alternative).</u> (specify status of any of the above)

<p>CDPH USE ONLY (CHECK THE APPROPRIATE BOX AND INITIAL)</p> <p>NOTES: COPIES OF THE DOCUMENTS USED TO EVALUATE THIS REPORT MUST BE KEPT AT THE DISTRICT OFFICE FOR AUDIT PURPOSES.</p>	<p>CURRENT PROJECT RANKING: _____</p>		
	<p>YES</p> <p><input type="checkbox"/></p>	<p>NO</p> <p><input type="checkbox"/></p>	<p>REVIEW ITEMS</p> <p>The ranked problem has been verified.</p> <p>The content of the Planning Study is appropriate for Planning Funds. If NO, explain: _____</p> <p>No reasonable alternatives were excluded from consideration.</p> <p>Consolidation was considered as an alternative to the selected project.</p> <p>Selected alternative has been approved by the District.</p> <p>Proposed tasks of the Planning Project are appropriate for Tier 1 readiness.</p> <p>Additional information and/or supporting documentation are attached.</p>
<p>CDPH-FOB STAFF ENGINEER: _____ (INITIAL)</p> <p><input type="checkbox"/> APPROVED <input type="checkbox"/> NOT APPROVED (REASON): _____</p> <p>CDPH-HQ REVIEWING ENGINEER: _____ (INITIAL)</p> <p><input type="checkbox"/> APPROVED <input type="checkbox"/> NOT APPROVED (REASON): _____</p>			

- In order to be ready for Tier I Construction Funds in the future, the following tasks should be included in the Planning Project, please check and describe each task:

YES	NO	Task
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Conduct feasibility studies; evaluating problem(s) & potential solutions Describe: <u>This work will be completed in the Tier 2 Planning phase. The work will be initiated upon receipt of funding.</u> (specify status of any of the above)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Prepare Technical, Managerial, and Financial (TMF) documents and assessments Describe: <u>This work will be completed in the Tier 2 Planning phase. Some documents were included in the grant application.</u> (specify status of any of the above)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Conduct environmental evaluations and/or prepare California Environmental Quality Act/National Environmental Policy Act (CEQA/NEPA) documents Describe: <u>This work is proposed to be completed in the Tier 2 Planning phase.</u> (specify status of any of the above)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Conduct engineering design; and develop final plans and specifications Describe: <u>Design of a new production well is included in the Tier 2 Planning phase. Design of arsenic removal water treatment plant will be included in the Tier 1 construction phase (if treatment is the recommended alternative).</u> (specify status of any of the above)

<p>CDPH USE ONLY (CHECK THE APPROPRIATE BOX AND INITIAL)</p> <p>NOTES: COPIES OF THE DOCUMENTS USED TO EVALUATE THIS REPORT MUST BE KEPT AT THE DISTRICT OFFICE FOR AUDIT PURPOSES.</p>	<p>CURRENT PROJECT RANKING: _____</p> <table border="1"> <thead> <tr> <th>YES</th> <th>NO</th> <th>REVIEW ITEMS</th> </tr> </thead> <tbody> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>The ranked problem has been verified.</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>The content of the Planning Study is appropriate for Planning Funds. If NO explain: _____</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>No reasonable alternatives were excluded from consideration.</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Consolidation was considered as an alternative to the selected project.</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Selected alternative has been approved by the District.</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Proposed tasks of the Planning Project are appropriate for Tier 1 readiness.</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Additional information and/or supporting documentation are attached.</td> </tr> </tbody> </table>	YES	NO	REVIEW ITEMS	<input type="checkbox"/>	<input type="checkbox"/>	The ranked problem has been verified.	<input type="checkbox"/>	<input type="checkbox"/>	The content of the Planning Study is appropriate for Planning Funds. If NO explain: _____	<input type="checkbox"/>	<input type="checkbox"/>	No reasonable alternatives were excluded from consideration.	<input type="checkbox"/>	<input type="checkbox"/>	Consolidation was considered as an alternative to the selected project.	<input type="checkbox"/>	<input type="checkbox"/>	Selected alternative has been approved by the District.	<input type="checkbox"/>	<input type="checkbox"/>	Proposed tasks of the Planning Project are appropriate for Tier 1 readiness.	<input type="checkbox"/>	<input type="checkbox"/>	Additional information and/or supporting documentation are attached.
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<p>CDPH-FOB STAFF ENGINEER: _____ (INITIAL)</p> <p><input type="checkbox"/> APPROVED <input type="checkbox"/> NOT APPROVED (REASON): _____</p> <p>CDPH-HQ REVIEWING ENGINEER: _____ (INITIAL)</p> <p><input type="checkbox"/> APPROVED <input type="checkbox"/> NOT APPROVED (REASON): _____</p>																									

C. ELIGIBILITY

- Describe the reason for funding eligibility.

Boron Community Services District is eligible for funding because of chemical contamination (arsenic) which exceeds the State and Federal MCL.

CDPH USE ONLY (CHECK THE APPROPRIATE BOX AND INITIAL) NOTES: DISTRICT MUST ATTACH EXPLANATION ON ANY ELIGIBILITY ISSUES OR CONCERNS IF APPLICABLE COPIES OF THE DOCUMENTS USED TO EVALUATE THIS	YES <input type="checkbox"/> NO <input type="checkbox"/>	REVIEW ITEMS The water system is eligible to receive Planning Funding. If NO, explain: _____
	YES <input type="checkbox"/> NO <input type="checkbox"/>	Additional information and/or supporting documentation are attached.
	CDPH-FOB STAFF ENGINEER: _____ (INITIAL) <input type="checkbox"/> APPROVED <input type="checkbox"/> NOT APPROVED (REASON): _____	
	CDPH-HQ REVIEWING ENGINEER: _____ (INITIAL) <input type="checkbox"/> APPROVED <input type="checkbox"/> NOT APPROVED (REASON): _____	

D. FINANCIAL INFORMATION:

- Provide an itemized list and corresponding description, and estimated cost of the components (Scope of Work) to be done under Planning Project. See Attachment#1 for example. (Please use additional sheet if required).

Scope of Work	Budget (\$)
See Attachment 1 (Part D. No. 6)	
Total	

- Estimated Amount of Planning Funds Requested \$ 427,000

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	<input type="checkbox"/> <input type="checkbox"/> Planning Project scope of work and budget is acceptable. <input type="checkbox"/> <input type="checkbox"/> Estimated amount of Planning funds requested is acceptable. <input type="checkbox"/> <input type="checkbox"/> Additional information and/or supporting documentation are attached.
CDPH-FOB STAFF ENGINEER: _____ (INITIAL) <input type="checkbox"/> APPROVED <input type="checkbox"/> NOT APPROVED (REASON) _____	
CDPH-HQ REVIEWING ENGINEER: _____ (INITIAL) <input type="checkbox"/> APPROVED <input type="checkbox"/> NOT APPROVED (REASON) _____	

E. WATER RIGHTS

- Describe the type of water rights that apply to your water system and the availability of the water source.

Water rights are based on overlying landowner groundwater rights. The groundwater basin is not adjudicated. BCSD contracts with AVEK for supplemental water originating from the State Water Project (SWP), East Branch of the California Aqueduct. AVEK water is subject to SWP supply restrictions.

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	<input type="checkbox"/> <input type="checkbox"/> The description of the water rights that apply for the water system and the availability of the water source are acceptable. If NO explain: _____ <input type="checkbox"/> <input type="checkbox"/> Additional information and/or supporting documentation are attached.
CDPH-FOB STAFF ENGINEER: _____ (INITIAL) <input type="checkbox"/> APPROVED <input type="checkbox"/> NOT APPROVED (REASON) _____	
CDPH-HQ CAPACITY DEVELOPMENT COORDINATOR: _____ (INITIAL) <input type="checkbox"/> APPROVED <input type="checkbox"/> NOT APPROVED (REASON) _____	

F. FEDERAL CROSS CUTTER REQUIREMENTS

Explain plan for compliance with the following federal requirements:

- Debarment and Suspension, Executive Order 12549:
Federal cross-cutting requirements do not apply for planning funds for applicants that serve less than 1,000 service connections.
- Disadvantaged Business Enterprise regulation (Women and Minority Business Enterprises, Executive Order 11625, 12138 and 12432):
Federal cross-cutting requirements do not apply for planning funds for applicants that serve less than 1,000 service connections.

OTHER REQUIREMENTS

Explain plan for compliance with Labor Compliance Program required for all public works:

- Labor Compliance Plan(Reference: Labor Code section 1720):
Funding for labor code compliance is included in the application (Scope of Work -Task 6).

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	<input type="checkbox"/>	<input type="checkbox"/>	Debarment and Suspensions statement is acceptable. If NO explain: _____
	<input type="checkbox"/>	<input type="checkbox"/>	Women and Minority Business Enterprise statement is acceptable. If NO explain: _____
	<input type="checkbox"/>	<input type="checkbox"/>	Labor Compliance Plan statement is acceptable. If NO explain: _____
	<input type="checkbox"/>	<input type="checkbox"/>	Additional information and/or supporting documentation are attached.
<p>CDPH-FOB STAFF ENGINEER: _____ (INITIAL)</p> <p><input type="checkbox"/> APPROVED <input type="checkbox"/> NOT APPROVED (REASON): _____</p> <p>CDPH-HQ REVIEWING ENGINEER: _____ (INITIAL)</p> <p><input type="checkbox"/> APPROVED <input type="checkbox"/> NOT APPROVED (REASON): _____</p>			

G. ATTACHMENTS TO APPLICATION

Please include the following Short Term Planning funds Application attachments. Make sure your water system name and the pre-application number are on every attachment. Please label the attachment with the number of the Short Term Planning Funds Application section which requests the information (i.e. "Part A. No. 6").

Checklist	Short Term Planning loan application section	Requirements
<input checked="" type="checkbox"/>	Part A. No. 6	A resolutions from the water system's governing body providing the following (as applicable): <ul style="list-style-type: none"> • Resolution designating the authorized representative and authorizing that individual to apply for a DWSRF loan(all systems) • Resolution or ordinance dedicating repayment source (not required at time of application will be required prior to execution of loan agreement)
<input checked="" type="checkbox"/>	Part B. No. 4	Description for pending litigation and the potential costs.
<input type="checkbox"/> (a)	Part B. No. 5	Water rights documentation
<input checked="" type="checkbox"/>	Part C. No. 2	Map of service area and location of water system facilities.
<input checked="" type="checkbox"/>	Part D. No. 5	Water system rate structures for last three years include a description of the calculation of the average household water rate.
<input checked="" type="checkbox"/>	Part D. No. 6	Project Budget Sheet
<input checked="" type="checkbox"/>	Part D. No. 7	5 year revenue and expenditure projection for the water system.
<input checked="" type="checkbox"/>	Part D. No. 8	Description of all long term indebtedness

(a) Not applicable. See statement on page 5, Part E.

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	<input type="checkbox"/>	<input type="checkbox"/>	<p>All attached requirements are acceptable. If NO, explain: _____</p>
	<input type="checkbox"/>	<input type="checkbox"/>	<p>All of the required attachments are included. If NO, explain: _____</p>
	<input type="checkbox"/>	<input type="checkbox"/>	<p>Additional information and/or supporting documentation are attached.</p>
<p>CDPH-FOB STAFF ENGINEER: _____ (INITIAL)</p> <p><input type="checkbox"/> APPROVED <input type="checkbox"/> NOT APPROVED (REASON): _____</p>			
<p>CDPH-HQ REVIEWING ENGINEER: _____ (INITIAL)</p> <p><input type="checkbox"/> APPROVED <input type="checkbox"/> NOT APPROVED (REASON): _____</p>			

Report prepared by:

Terry W. Schroepfer 9/19/11
 Authorized Representative's Signature Date

Terry W. Schroepfer
 Authorized Representative's Name

District Engineer
 Authorized Representative's Title

STOP: The following section is for CDPH use only. The requested Planning Report information ends here.