

**NDEP Bureau of Safe Drinking Water ~ SEC Update**  
**PUBLIC WATER SYSTEMS WITH EXEMPTION EXTENSIONS TO JAN. 2015**

WATER SYSTEM NAME	CONC. (PPB)	POP	STATUS
SEARCHLIGHT WATER COMPANY	10	760	<p>This system is ranked # 5 on the SRF 2014 Priority List and received \$400,000 in SRF Principal Forgiveness funding in 2011.</p> <p>This system received funding to develop two new sources that might be low in arsenic. One well was constructed and is now being equipped to provide water below the arsenic MCL. The other prospective well site did not prove to be feasible, due to low quantity and quality.</p> <p><b><i>This Water System is expected to meet the SEC's January 23, 2015 Arsenic Rule Compliance Deadline without installation of treatment.</i></b></p>
FAIRGROUNDS/ SUNRISE ESTATES	17	91	<p>Sunrise Estates is ranked # 11 on the SRF 2014 Priority list, but has not applied for funding to date.</p> <p>An intertie with the Fairgrounds water system is complete and operational. Douglas County, the system operator, is altering well operations to provide a lower level of arsenic with a reduced pumping rate at Well #2. Well #1, the old Fairgrounds Well, is low in arsenic (&lt;6 ppb) and Well #2, operated at 200 GPM, provides water with arsenic levels of &lt; 7 ppb. Well #3 arsenic levels are typically steady around 20 ppb, but it is possible that this well could be utilized by blending with the output of Well #2. (Well #1 is too distant for this option).</p> <p><b><i>This Water System is expected to meet the SEC's January 23, 2015 Arsenic Rule Compliance Deadline without installation of treatment.</i></b></p>
CRESCENT VALLEY WATER SYSTEM	12	350	<p>This system installed an arsenic treatment plant and returned to compliance in December of 2012. <b><i>This system is in compliance.</i></b></p>
LONE TREE MINE	15	150	<p>Running Annual Average Arsenic concentration continues to be less than the drinking water standard. <b><i>This system is in compliance.</i></b></p>
TONOPAH PUBLIC UTILITIES	13	2,600	<p>TPU drilled two new wells and abandoned four old wells that were high in arsenic in its Ralston Valley Well Field. <b><i>This system is in compliance.</i></b></p>
BRISTLECONE FAMILY RESOURCES	12	25	<p>Washoe County Flood Management Project has purchased the property for floodplain. The Bristlecone Family Resources facility has moved and the property is in the process of abandonment and demolition. It is expected that this will be complete before the January 23, 2015 deadline.</p> <p><b><i>This Water System is expected to be demolished prior to the January 23, 2015 Arsenic Rule Compliance Deadline.</i></b></p>
VERDI SCHOOL	13	250	<p>Problems with the ion exchange water treatment system have been resolved and the system is delivering compliant water. <b><i>This system is in compliance.</i></b></p>

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MC DERMITT WATER SYSTEM	19	200	<p>McDermitt is ranked # 4 on the SRF 2014 Priority list and received \$492,000 in ARRA Principal Forgiveness funding in 2009. An additional \$17,000 was approved by the GID in November 2012 for further hydrogeological investigations.</p> <p>The Town retained an engineer and a lengthy study of the local aquifer yielded less than favorable results for finding water with lower arsenic levels. A regional search identified potential source locations yielded various results; however construction of a lengthy pipeline may not be feasible. Treatment was discussed, but was ultimately deferred by because of concerns regarding the community's technical, managerial and financial capacity to embark on long term centralized treatment. The Engineer's current professional belief is that a new local supply well can be screened carefully to produce compliant water while avoiding lithologic zones with higher arsenic.</p> <p><b><i>It is anticipated that this Water System will endeavor to meet the SEC's January 23, 2015 Arsenic Rule Compliance Deadline, without installation of treatment. If treatment is necessary, the deadline may not be met.</i></b></p>
SILVER KNOLLS MUTUAL WATER CO	13	120	<p>This system is #8 on the SRF 2014 Priority List.</p> <p>The system has retained an engineer. Silver Knolls has been conducting monthly monitoring in hopes the Running Annual Average (RAA) would be a solution to their problem. However, the arsenic average seems to be fairly steady at 12-13 ppb. The system would prefer to institute a POU program, as opposed to central treatment, but a small plant for sidestream treatment could be an affordable option, but at increased cost for O&amp;M.</p> <p>The water system has finally engaged the services of an Engineering company to assist them with determining their final compliance alternative, and to help them move forward quickly toward compliance.</p> <p><b><i>The Engineering company intends to work diligently with this Water System in order to will meet the SEC's January 23, 2015 Arsenic Rule Compliance Deadline. Compliance with the SEC's May 1, 2014 treatment installation deadline is not expected, but an aggressive timeline could meet the January, 2015 deadline..</i></b></p>