

**TABLE 4  
COST SUMMARIES AND ESTIMATED REDUCTION IN CANCER CASES**

<b>MCL = 5 ppt</b>	<b><u>Total Monitoring Costs (Year 2+)</u></b>		<b><u>Annualized Capital Costs</u></b>		<b><u>Annual O&amp;M Costs</u></b>		<b><u>Total Annual Costs</u></b>	
	<u>Groundwater</u>	<u>Surface Water</u>	<u>Groundwater</u>	<u>Surface Water</u>	<u>Groundwater</u>	<u>Surface Water</u>	<u>Groundwater</u>	<u>Surface Water</u>
<200 Svc Conn	\$76,032	\$0	\$327,452	\$0	\$344,545	\$0	\$748,029	\$0
>=200 Svc Conn	\$534,336	\$0	\$8,840,021	\$0	\$23,787,449	\$0	\$33,161,806	\$0
<b><u>Cost/Source</u></b>	<b><u># Sources</u></b>	<b><u>Annual Cost/Source</u></b>	<div style="border: 1px solid black; padding: 5px;">           Costs are for systems requiring treatment. Monitoring costs for non-contaminated sources and contaminated sources without treatment are not included.         </div>					
<200 Svc Conn	36	\$20,779						
>=200 Svc Conn	253	\$131,074						
<b><u>Cost/Svc Conn</u></b>	<b><u># Svc Conn</u></b>	<b><u>Annual Cost/Svc Conn</u></b>	<div style="border: 1px solid black; padding: 5px;">           Includes estimated reduction in theoretical cancer case per year for existing 1,2,3-TCP treated systems         </div>					
<200 Svc Conn	1,229	\$609						
>=200 Svc Conn	1,302,502	\$25						
<b><u>Cost/System</u></b>	<b><u># Systems</u></b>	<b><u>Annual Cost/System</u></b>						
<200 Svc Conn	33	\$22,668						
>=200 Svc Conn	70	\$473,740						
<b><u>Cost-Benefit</u></b>	<b><u>Est. Cancer Reduction</u></b>	<b><u>Est. Cost/Reduction</u></b>						
<200 Svc Conn	0.01	\$97,054,860						
>=200 Svc Conn	2.35	\$14,116,733						

**Acronyms:**

1,2,3-TCP - 1,2,3-Trichloropropane                      ppt- parts per trillion  
 Est. - Estimated  
 MCL - Maximum Contaminant Level  
 O&M - Operations and Maintenance  
 Svc Conn- Service Connection

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<b>MCL = 7 ppt</b>	<b><u>Total Monitoring Costs (Year 2+)</u></b>		<b><u>Annualized Capital Costs</u></b>		<b><u>Annual O&amp;M Costs</u></b>		<b><u>Total Annual Costs</u></b>	
	<u>Groundwater</u>	<u>Surface Water</u>	<u>Groundwater</u>	<u>Surface Water</u>	<u>Groundwater</u>	<u>Surface Water</u>	<u>Groundwater</u>	<u>Surface Water</u>
<200 Svc Conn	\$69,696	\$0	\$294,710	\$0	\$305,297	\$0	\$669,703	\$0
>=200 Svc Conn	\$447,744	\$0	\$6,404,296	\$0	\$19,439,941	\$0	\$26,291,981	\$0
<b><u>Cost/Source</u></b>	<b><u># Sources</u></b>	<b><u>Annual Cost/Source</u></b>						
<200 Svc Conn	33	\$20,294	<div style="border: 1px solid black; padding: 5px;">           Costs are for systems requiring treatment. Monitoring costs for non-contaminated sources and contaminated sources without treatment are not included.         </div>					
>=200 Svc Conn	212	\$124,019						
<b><u>Cost/Svc Conn</u></b>	<b><u># Svc Conn</u></b>	<b><u>Annual Cost/Svc Conn</u></b>						
<200 Svc Conn	1,015	\$660						
>=200 Svc Conn	1,091,435	\$24						
<b><u>Cost/System</u></b>	<b><u># Systems</u></b>	<b><u>Annual Cost/System</u></b>						
<200 Svc Conn	30	\$22,323						
>=200 Svc Conn	59	\$445,627						
<b><u>Cost-Benefit</u></b>	<b><u>Est. Cancer Reduction</u></b>	<b><u>Est. Cost/Reduction</u></b>						
<200 Svc Conn	0.01	\$89,191,626	<div style="border: 1px solid black; padding: 5px;">           Includes estimated reduction in theoretical cancer case per year for existing 1,2,3-TCP treated systems         </div>					
>=200 Svc Conn	2.31	\$11,360,640						

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<b>MCL = 15 ppt</b>	<b><u>Total Monitoring Costs (Year 2+)</u></b>		<b><u>Annualized Capital Costs</u></b>		<b><u>Annual O&amp;M Costs</u></b>		<b><u>Total Annual Costs</u></b>	
	<b><u>Groundwater</u></b>	<b><u>Surface Water</u></b>	<b><u>Groundwater</u></b>	<b><u>Surface Water</u></b>	<b><u>Groundwater</u></b>	<b><u>Surface Water</u></b>	<b><u>Groundwater</u></b>	<b><u>Surface Water</u></b>
<200 Svc Conn	\$44,352	\$0	\$178,788	\$0	\$197,764	\$0	\$420,904	\$0
>=200 Svc Conn	\$323,136	\$0	\$4,721,361	\$0	\$15,302,739	\$0	\$20,347,236	\$0
<b><u>Cost/Source</u></b>	<b><u># Sources</u></b>	<b><u>Annual Cost/Source</u></b>	<div style="border: 1px solid black; padding: 5px;">           Costs are for systems requiring treatment. Monitoring costs for non-contaminated sources and contaminated sources without treatment are not included.         </div>					
<200 Svc Conn	21	\$20,043						
>=200 Svc Conn	153	\$132,988						
<b><u>Cost/Svc Conn</u></b>	<b><u># Svc Conn</u></b>	<b><u>Annual Cost/Svc Conn</u></b>	<div style="border: 1px solid black; padding: 5px;">           Includes estimated reduction in theoretical cancer case per year for existing 1,2,3-TCP treated systems         </div>					
<200 Svc Conn	701	\$600						
>=200 Svc Conn	990,653	\$21						
<b><u>Cost/System</u></b>	<b><u># Systems</u></b>	<b><u>Annual Cost/System</u></b>						
<200 Svc Conn	19	\$22,153						
>=200 Svc Conn	47	\$432,920						
<b><u>Cost-Benefit</u></b>	<b><u>Est. Cancer Reduction</u></b>	<b><u>Est. Cost/Reduction</u></b>						
<200 Svc Conn	0.01	\$60,958,056						
>=200 Svc Conn	2.21	\$9,221,521						

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<b>MCL = 35 ppt</b>	<b><u>Total Monitoring Costs (Year 2+)</u></b>		<b><u>Annualized Capital Costs</u></b>		<b><u>Annual O&amp;M Costs</u></b>		<b><u>Total Annual Costs</u></b>	
	<u>Groundwater</u>	<u>Surface Water</u>	<u>Groundwater</u>	<u>Surface Water</u>	<u>Groundwater</u>	<u>Surface Water</u>	<u>Groundwater</u>	<u>Surface Water</u>
<200 Svc Conn	\$33,792	\$0	\$137,438	\$0	\$146,194	\$0	\$317,424	\$0
>=200 Svc Conn	\$185,856	\$0	\$2,182,880	\$0	\$8,699,373	\$0	\$11,068,110	\$0
<b><u>Cost/Source</u></b>	<b><u># Sources</u></b>	<b><u>Annual Cost/Source</u></b>	<div style="border: 1px solid black; padding: 5px;">           Costs are for systems requiring treatment. Monitoring costs for non-contaminated sources and contaminated sources without treatment are not included.         </div>					
<200 Svc Conn	16	\$19,839						
>=200 Svc Conn	88	\$125,774						
<b><u>Cost/Svc Conn</u></b>	<b><u># Svc Conn</u></b>	<b><u>Annual Cost/Svc Conn</u></b>	<div style="border: 1px solid black; padding: 5px;">           Includes estimated reduction in theoretical cancer case per year for existing 1,2,3-TCP treated systems         </div>					
<200 Svc Conn	502	\$632						
>=200 Svc Conn	809,396	\$14						
<b><u>Cost/System</u></b>	<b><u># Systems</u></b>	<b><u>Annual Cost/System</u></b>						
<200 Svc Conn	14	\$22,673						
>=200 Svc Conn	31	\$357,036						
<b><u>Cost-Benefit</u></b>	<b><u>Est. Cancer Reduction</u></b>	<b><u>Est. Cost/Reduction</u></b>						
<200 Svc Conn	0.01	\$54,210,530						
>=200 Svc Conn	2.01	\$5,498,899						

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<b>MCL = 70 ppt</b>	<b><u>Total Monitoring Costs (Year 2+)</u></b>		<b><u>Annualized Capital Costs</u></b>		<b><u>Annual O&amp;M Costs</u></b>		<b><u>Total Annual Costs</u></b>	
	<u>Groundwater</u>	<u>Surface Water</u>	<u>Groundwater</u>	<u>Surface Water</u>	<u>Groundwater</u>	<u>Surface Water</u>	<u>Groundwater</u>	<u>Surface Water</u>
<200 Svc Conn	\$25,344	\$0	\$108,690	\$0	\$113,218	\$0	\$247,251	\$0
>=200 Svc Conn	\$101,376	\$0	\$1,462,961	\$0	\$4,822,861	\$0	\$6,387,198	\$0
<b><u>Cost/Source</u></b>	<b><u># Sources</u></b>	<b><u>Annual Cost/Source</u></b>						
<200 Svc Conn	12	\$20,604	<div style="border: 1px solid black; padding: 5px;">           Costs are for systems requiring treatment. Monitoring costs for non-contaminated sources and contaminated sources without treatment are not included.         </div>					
>=200 Svc Conn	48	\$133,067						
<b><u>Cost/Svc Conn</u></b>	<b><u># Svc Conn</u></b>	<b><u>Annual Cost/Svc Conn</u></b>						
<200 Svc Conn	494	\$501						
>=200 Svc Conn	470,454	\$14						
<b><u>Cost/System</u></b>	<b><u># Systems</u></b>	<b><u>Annual Cost/System</u></b>						
<200 Svc Conn	12	\$20,604						
>=200 Svc Conn	18	\$354,844						
<b><u>Cost-Benefit</u></b>	<b><u>Est. Cancer Reduction</u></b>	<b><u>Est. Cost/Reduction</u></b>						
<200 Svc Conn	0.00	\$56,229,876	<div style="border: 1px solid black; padding: 5px;">           Includes estimated reduction in theoretical cancer case per year for existing 1,2,3-TCP treated systems         </div>					
>=200 Svc Conn	1.84	\$3,466,775						

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<b>MCL = 150 ppt</b>	<b><u>Total Monitoring Costs (Year 2+)</u></b>		<b><u>Annualized Capital Costs</u></b>		<b><u>Annual O&amp;M Costs</u></b>		<b><u>Total Annual Costs</u></b>	
	<b><u>Groundwater</u></b>	<b><u>Surface Water</u></b>	<b><u>Groundwater</u></b>	<b><u>Surface Water</u></b>	<b><u>Groundwater</u></b>	<b><u>Surface Water</u></b>	<b><u>Groundwater</u></b>	<b><u>Surface Water</u></b>
<200 Svc Conn	\$6,336	\$0	\$20,400	\$0	\$28,193	\$0	\$54,930	\$0
>=200 Svc Conn	\$35,904	\$0	\$819,863	\$0	\$2,302,238	\$0	\$3,158,005	\$0
<b><u>Cost/Source</u></b>	<b><u># Sources</u></b>	<b><u>Annual Cost/Source</u></b>						
<200 Svc Conn	3	\$18,310	<div style="border: 1px solid black; padding: 5px;">           Costs are for systems requiring treatment. Monitoring costs for non-contaminated sources and contaminated sources without treatment are not included.         </div>					
>=200 Svc Conn	17	\$185,765						
<b><u>Cost/Svc Conn</u></b>	<b><u># Svc Conn</u></b>	<b><u>Annual Cost/Svc Conn</u></b>						
<200 Svc Conn	63	\$872						
>=200 Svc Conn	309,934	\$10						
<b><u>Cost/System</u></b>	<b><u># Systems</u></b>	<b><u>Annual Cost/System</u></b>						
<200 Svc Conn	3	\$18,310						
>=200 Svc Conn	9	\$350,889						
<b><u>Cost-Benefit</u></b>	<b><u>Est. Cancer Reduction</u></b>	<b><u>Est. Cost/Reduction</u></b>						
<200 Svc Conn	0.00	\$21,484,980	<div style="border: 1px solid black; padding: 5px;">           Includes estimated reduction in theoretical cancer case per year for existing 1,2,3-TCP treated systems         </div>					
>=200 Svc Conn	1.62	\$1,945,241						