

FY 2017-2021 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria

PRIORITY SCORE = 64
RAW SCORE = 52

Cadura Circle Water Main Looping

PRIMARY OBJECTIVE (75%)	Water Supply (E 2) Impact = M ; Probability = M		42.75
	A	<input checked="" type="checkbox"/> M+ Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety. (H+, H-, M+, M-, L)	
	B	<input type="checkbox"/> L Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post-disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance]. (H, M, L)	
C	<input type="checkbox"/> I Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. (I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))		
SOCIAL FACTORS (7.5%)	Social Factor - Check if applicable		5.00
	<input type="checkbox"/> Promotes Emergency Recovery		
Positive Interaction (E 4) - Check all that apply			
<input checked="" type="checkbox"/> With the Community	<input checked="" type="checkbox"/> With other agencies		
ENVIRONMENTAL FACTORS (7.5%)	Water Quality (E 3.2) - Check if applicable		3.75
	<input checked="" type="checkbox"/> Promotes drinking water quality		
Natural Resources Sustainability (E 3.2) - Check all that apply			
<input type="checkbox"/> Promotes water use efficiency	<input checked="" type="checkbox"/> Promotes energy efficiency or incorporates energy efficient features		
<input type="checkbox"/> Promotes groundwater basin management			
ECONOMIC FACTORS (10%)	Lifecycle costs are minimized - Check One		0.00
	<input type="checkbox"/> Annual cost savings of more than \$50,000		
	<input type="checkbox"/> Annual cost savings of \$10,000 to \$50,000		
	<input type="checkbox"/> Annual cost savings of less than \$10,000		
	Funding Available from Other Agencies - Check One		
<input type="checkbox"/> Over 50% of project costs available from other agencies			
<input type="checkbox"/> 26% to 50% of project costs available from other agencies			
<input type="checkbox"/> Up to 25% of project costs available from other agencies			

NOTE: You must type a capital "X" in the check boxes for any of the Social, Environmental, or Economic factors in order for the built-in formulas to recognize and calculate the scores.

WATER SUPPLY PROJECTS Priority Ranking Criteria

PRIORITY SCORE =
RAW SCORE = 100

Project Name Here Cadura Circle Water Main Looping

	Water Supply (E 2)	Impact =	Probability =	75.00	← Totals from						
<p>Water Supply capital projects are prioritized according to their ability to sustain the water utility business. "Sustain the water utility business" means the projects will repair or replace system components required to meet existing demand or water quality standards and which have a medium or high probability of failure</p>											
<p>Criterion A: Protecting Existing Assets Highest possible value is 55 points, with 55 points for "high", 30 points for "medium" and 5.5 points for "low". The Intermediate scores are shown below:</p>											
<p>Probability</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td></td> <td style="text-align: center;">High</td> <td style="text-align: center;">Med.</td> <td style="text-align: center;">Low</td> </tr> </table>							High	Med.	Low		
	High	Med.	Low								
Impact	High	<table border="1" style="border-collapse: collapse;"> <tr> <td style="text-align: center;">H+</td> <td style="text-align: center;">H-</td> <td style="text-align: center;">M+</td> </tr> <tr> <td style="text-align: center;">55</td> <td style="text-align: center;">42</td> <td style="text-align: center;">30</td> </tr> </table>	H+	H-	M+	55	42	30			
	H+	H-	M+								
	55	42	30								
Med.	<table border="1" style="border-collapse: collapse;"> <tr> <td style="text-align: center;">H-</td> <td style="text-align: center;">M+</td> <td style="text-align: center;">M-</td> </tr> <tr> <td style="text-align: center;">42</td> <td style="text-align: center;">30</td> <td style="text-align: center;">17</td> </tr> </table>	H-	M+	M-	42	30	17				
H-	M+	M-									
42	30	17									
Low	<table border="1" style="border-collapse: collapse;"> <tr> <td style="text-align: center;">M+</td> <td style="text-align: center;">M-</td> <td style="text-align: center;">L</td> </tr> <tr> <td style="text-align: center;">30</td> <td style="text-align: center;">17</td> <td style="text-align: center;">5.5</td> </tr> </table>	M+	M-	L	30	17	5.5				
M+	M-	L									
30	17	5.5									

Definition: Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety. **Impact:** High – Without the project, the District likely can not meet normal current or future daily demand and/or water quality standards because the water utility infrastructure is in poor condition, lacks redundancy or backup, or does not meet regulatory requirements. Medium – Without the project, the District likely can continue meeting current or future demands and/or water quality standards, but will be operating at a higher level of risk, potentially relying on manual operation or an existing backup Low – Without the project, the District can continue meeting current or future demand and/or water quality standards or regulations. However, the system will advance to a higher state of risk, or the project is related to a backup system. **Probability of Impact occurring:** High – Likely to almost certain 65% – 100% Medium – Possible 35% – 65% ← Low – Unlikely or rare 0% – 35%					
H+ Determine the appropriate rating for the project as it pertains to Criterion A and then enter it in the box provided.					
Criterion B: Improving Existing Assets Highest possible points are 20 points, with 20 points for "high", 11 points for "medium" and 2 points for "low". **Definition:** Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post disaster reliability of water utility infrastructure [Example: Improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance]. **Effect of Project Impact:** High (H) – Provides benefits for more than 30,000 customers. Medium (M) – Provides benefits for 10,000 to 30,000 customers. Low (L) – Provides benefits for less than 10,000 customers. ←					
H Determine the appropriate rating for the project as it pertains to Criterion B and then enter it in the box provided.					
Criterion C: Project Urgency Highest possible points are 25 points, with 25 points for "Immediate", 14 points for "Short-Term" and 2.5 points for "Long-Term". **Definition:** Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. **Project Urgency:** Immediate Need (I) – Project is needed to meet current demands or regulations within the next three (3) years. ← Short-Term Need (S) – Project is needed to meet demands or regulations within the next three to five (3 - 5) years. Long-Term Need (L) – Project is needed to meet demands beyond the next five (5) years.					
I Determine the appropriate rating for the project as it pertains to Criterion C and then enter it in the box provided.					

WATER SUPPLY OBJECTIVE (75% of Raw Score)
This Objective counts for 75% of the total score thus the point received are then multiplied by a factor of .75.

**FY 2017-2021 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria**

PRIORITY SCORE = 64

RAW SCORE = 52

Mormon Church Water Main Looping

PRIMARY OBJECTIVE (75%)	Water Supply (E 2) Impact = M ; Probability = M		42.75
	A	<input checked="" type="checkbox"/> M+ Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety. (H+, H-, M+, M-, L)	
	B	<input type="checkbox"/> L Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post-disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance]. (H, M, L)	
C	<input type="checkbox"/> I Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. (I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))		
SOCIAL FACTORS (7.5%)	Social Factor - Check if applicable		5.00
	<input type="checkbox"/> Promotes Emergency Recovery		
Positive Interaction (E 4) - Check all that apply			
<input checked="" type="checkbox"/> With the Community	<input checked="" type="checkbox"/> With other agencies		
ENVIRONMENTAL FACTORS (7.5%)	Water Quality (E 3.2) - Check if applicable		3.75
	<input checked="" type="checkbox"/> Promotes drinking water quality		
	Natural Resources Sustainability (E 3.2) - Check all that apply		
<input type="checkbox"/> Promotes water use efficiency	<input checked="" type="checkbox"/> Promotes energy efficiency or incorporates energy efficient features		
<input type="checkbox"/> Promotes groundwater basin management			
ECONOMIC FACTORS (10%)	Lifecycle costs are minimized - Check One		0.00
	<input type="checkbox"/> Annual cost savings of more than \$50,000		
	<input type="checkbox"/> Annual cost savings of \$10,000 to \$50,000		
	<input type="checkbox"/> Annual cost savings of less than \$10,000		
	Funding Available from Other Agencies - Check One		
<input type="checkbox"/> Over 50% of project costs available from other agencies			
<input type="checkbox"/> 26% to 50% of project costs available from other agencies			
<input type="checkbox"/> Up to 25% of project costs available from other agencies			

NOTE: You must type a capital "X" in the check boxes for any of the Social, Environmental, or Economic factors in order for the built-in formulas to recognize and calculate the scores.

WATER SUPPLY PROJECTS

Priority Ranking Criteria

PRIORITY SCORE =
RAW SCORE = 100

Project Name Here Mormon Church Water Main Looping

Impact = ; Probability = 75.00 ← Totals from

Water Supply (E 2)
Water Supply capital projects are prioritized according to their ability to sustain the water utility business. "Sustain the water utility business" means the projects will repair or replace system components required to meet existing demand or water quality standards and which have a medium or high probability of failure

Criterion A: Protecting Existing Assets
Highest possible value is 55 points, with 55 points for "high", 30 points for "medium" and 5.5 points for "low". The intermediate scores are shown below:

		Probability		
		High	Med.	Low
Impact	High	H+ 55	H- 42	M+ 30
	Med.	H- 42	M+ 30	M- 17
	Low	M+ 30	M- 17	L 5.5

Definition: Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety.

Impact:
High – Without the project, the District likely can not meet normal current or future daily demand and/or water quality standards because the water utility infrastructure is in poor condition, lacks redundancy or backup, or does not meet regulatory requirements.
Medium – Without the project, the District likely can continue meeting current or future demands and/or water quality standards, but will be operating at a higher level of risk, potentially relying on manual operation or an existing backup
Low – Without the project, the District can continue meeting current or future demand and/or water quality standards or regulations. However, the system will advance to a higher state of risk, or the project is related to a backup system.

Probability of impact occurring:
High – Likely to almost certain 65% – 100%
Medium – Possible 35% – 65% ←
Low – Unlikely or rare 0% – 35%

H+ Determine the appropriate rating for the project as it pertains to Criterion A and then enter it in the box provided.

Criterion B: Improving Existing Assets
Highest possible points are 20 points, with 20 points for "high", 11 points for "medium" and 2 points for "low".

Definition:
Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance].

Effect of Project Impact:
High (H) – Provides benefits for more than 30,000 customers.
Medium (M) – Provides benefits for 10,000 to 30,000 customers.
Low (L) – Provides benefits for less than 10,000 customers. ←

H Determine the appropriate rating for the project as it pertains to Criterion B and then enter it in the box provided.

Criterion C: Project Urgency
Highest possible points are 25 points, with 25 points for "Immediate", 14 points for "Short-Term" and 2.5 points for "Long-Term".

Definition:
Timing of when project is needed to meet water supply demands, water quality standards, or other regulations.

Project Urgency:
Immediate Need (I) – Project is needed to meet current demands or regulations within the next three (3) years. ←
Short-Term Need (S) – Project is needed to meet demands or regulations within the next three to five (3 - 5) years.
Long-Term Need (L) – Project is needed to meet demands beyond the next five (5) years.

I Determine the appropriate rating for the project as it pertains to Criterion C and then enter it in the box provided.

WATER SUPPLY OBJECTIVE
(75% of Raw Score)
This Objective counts for 75% of the total score thus the point received are then multiplied by a factor of .75.

FY 2017-2021 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria

PRIORITY SCORE = 79

RAW SCORE = 63

RRWTF Tanks & Vessels Recoating

PRIMARY OBJECTIVE (75%)	Water Supply (E 2) Impact = M ; Probability = H		58.50
	A	<input checked="" type="checkbox"/> H- Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety. (H+, H-, M+, M-, L)	
	B	<input checked="" type="checkbox"/> M Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post-disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance]. (H, M, L)	
C	<input type="checkbox"/> I Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. (I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))		
SOCIAL FACTORS (7.5%)	Social Factor - Check if applicable		2.50
	<input type="checkbox"/> Promotes Emergency Recovery		
Positive Interaction (E 4) - Check all that apply			
<input checked="" type="checkbox"/> With the Community	<input type="checkbox"/> With other agencies		
ENVIRONMENTAL FACTORS (7.5%)	Water Quality (E 3.2) - Check if applicable		1.88
	<input checked="" type="checkbox"/> Promotes drinking water quality		
	Natural Resources Sustainability (E 3.2) - Check all that apply		
<input type="checkbox"/> Promotes water use efficiency	<input type="checkbox"/> Promotes energy efficiency or incorporates energy efficient features		
<input type="checkbox"/> Promotes groundwater basin management			
ECONOMIC FACTORS (10%)	Lifecycle costs are minimized - Check One		0.00
	<input type="checkbox"/> Annual cost savings of more than \$50,000		
	<input type="checkbox"/> Annual cost savings of \$10,000 to \$50,000		
	<input type="checkbox"/> Annual cost savings of less than \$10,000		
	Funding Available from Other Agencies - Check One		
<input type="checkbox"/> Over 50% of project costs available from other agencies			
<input type="checkbox"/> 26% to 50% of project costs available from other agencies			
<input type="checkbox"/> Up to 25% of project costs available from other agencies			

NOTE: You must type a capital "X" in the check boxes for any of the Social, Environmental, or Economic factors in order for the built-in formulas to recognize and calculate the scores.

WATER SUPPLY / TREATMENT PROJECTS Priority Ranking Criteria

Project Name Here *RRWTF Tanks + Vessels Recoating.*

PRIORITY SCORE =
RAW SCORE = 100

	Water Supply (E 2) Impact = ; Probability =	75.00	← Totals from									
Water Supply capital projects are prioritized according to their ability to sustain the water utility business. "Sustain the water utility business" means the projects will repair or replace system components required to meet existing demand or water quality standards and which have a medium or high probability of failure												
Criterion A: Protecting Existing Assets Highest possible value is 55 points, with 55 points for "high", 30 points for "medium" and 5.5 points for "low". The intermediate scores are shown below:												
Probability High Med. Low												
Impact	High	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">H+ 55</td> <td style="text-align: center;">H- 42</td> <td style="text-align: center;">M+ 30</td> </tr> <tr> <td style="text-align: center;">H- 42</td> <td style="text-align: center;">M+ 30</td> <td style="text-align: center;">M- 17</td> </tr> <tr> <td style="text-align: center;">M+ 30</td> <td style="text-align: center;">M- 17</td> <td style="text-align: center;">L 5.5</td> </tr> </table>	H+ 55	H- 42	M+ 30	H- 42	M+ 30	M- 17	M+ 30	M- 17	L 5.5	Definition: Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety. Impact: High – Without the project, the District likely can not meet normal current or future daily demand and/or water quality standards because the water utility infrastructure is in poor condition, lacks redundancy or backup, or does not meet regulatory requirements. Medium – Without the project, the District likely can continue meeting current or future demands and/or water quality standards, but will be operating at a higher level of risk, potentially relying on manual operation or an existing backup <i>← Tank recoating maint. is a necessity to maintain critical infrastructure.</i> Low – Without the project, the District can continue meeting current or future demand and/or water quality standards or regulations. However, the system will advance to a higher state of risk, or the project is related to a backup system. Probability of impact occurring: High – Likely to almost certain 65% – 100% <i>← maint. is req'd.</i> Medium – Possible 35% – 65% Low – Unlikely or rare 0% – 35%
	H+ 55	H- 42	M+ 30									
	H- 42	M+ 30	M- 17									
M+ 30	M- 17	L 5.5										
Med.												
Low												
<input type="checkbox"/> H+ Determine the appropriate rating for the project as it pertains to Criterion A and then enter it in the box provided.												
Criterion B: Improving Existing Assets Highest possible points are 20 points, with 20 points for "high", 11 points for "medium" and 2 points for "low".												
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Effect of Project Impact: High (H) – Provides benefits for more than 30,000 customers. Medium (M) – Provides benefits for 10,000 to 30,000 customers. <i>← Impacts Service Area 1 customers</i> Low (L) – Provides benefits for less than 10,000 customers.												
<input type="checkbox"/> H Determine the appropriate rating for the project as it pertains to Criterion B and then enter it in the box provided.												
Criterion C: Project Urgency Highest possible points are 25 points, with 25 points for "Immediate", 14 points for "Short-Term" and 2.5 points for "Long-Term".												
Definition: Timing of when project is needed to meet water supply demands, water quality standards, or other regulations.												
Project Urgency: Immediate Need (I) – Project is needed to meet current demands or regulations within the next three (3) years. <i>2 MG for storage tanks</i> Short-Term Need (S) – Project is needed to meet demands or regulations within the next three to five (3 - 5) years. Long-Term Need (L) – Project is needed to meet demands beyond the next five (5) years.												
<input type="checkbox"/> I Determine the appropriate rating for the project as it pertains to Criterion C and then enter it in the box provided.												

WATER SUPPLY OBJECTIVE (75% of Raw Score)
This Objective counts for 75% of the total score thus the point received are then multiplied by a factor of .75.

FY 2017-2021 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria

PRIORITY SCORE = 82

RAW SCORE = 65

Media Replacement Filter Vessels

PRIMARY OBJECTIVE (75%)	Water Supply (E 2) Impact = H ; Probability = M		58.50
	A	<input checked="" type="checkbox"/> H- Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety. (H+, H-, M+, M-, L)	
	B	<input checked="" type="checkbox"/> M Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post-disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance]. (H, M, L)	
C	<input type="checkbox"/> I Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. (I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))		
SOCIAL FACTORS (7.5%)	Social Factor - Check if applicable		5.00
	<input type="checkbox"/> Promotes Emergency Recovery		
Positive Interaction (E 4) - Check all that apply			
<input checked="" type="checkbox"/> With the Community	<input checked="" type="checkbox"/> With other agencies		
ENVIRONMENTAL FACTORS (7.5%)	Water Quality (E 3.2) - Check if applicable		1.88
	<input checked="" type="checkbox"/> Promotes drinking water quality		
	Natural Resources Sustainability (E 3.2) - Check all that apply		
<input type="checkbox"/> Promotes water use efficiency	<input type="checkbox"/> Promotes energy efficiency or incorporates energy efficient features		
<input type="checkbox"/> Promotes groundwater basin management			
ECONOMIC FACTORS (10%)	Lifecycle costs are minimized - Check One		0.00
	<input type="checkbox"/> Annual cost savings of more than \$50,000		
	<input type="checkbox"/> Annual cost savings of \$10,000 to \$50,000		
	<input type="checkbox"/> Annual cost savings of less than \$10,000		
	Funding Available from Other Agencies - Check One		
<input type="checkbox"/> Over 50% of project costs available from other agencies			
<input type="checkbox"/> 26% to 50% of project costs available from other agencies			
<input type="checkbox"/> Up to 25% of project costs available from other agencies			

NOTE: You must type a capital "X" in the check boxes for any of the Social, Environmental, or Economic factors in order for the built-in formulas to recognize and calculate the scores.

WATER SUPPLY / TREATMENT PROJECTS Priority Ranking Criteria

Project Name Here *Media Replacement Filters*

PRIORITY SCORE =
RAW SCORE = 100

	Water Supply (E 2)	Impact = ; Probability =	75.00 ← Totals from																							
WATER SUPPLY OBJECTIVE (75% of Raw Score) This Objective counts for 75% of the total score thus the point received are then multiplied by a factor of .75.	Water Supply capital projects are prioritized according to their ability to sustain the water utility business. "Sustain the water utility business" means the projects will repair or replace system components required to meet existing demand or water quality standards and which have a medium or high probability of failure																									
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			Probability																							
		High	Med.	Low																						
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<input type="checkbox"/> I Determine the appropriate rating for the project as it pertains to Criterion C and then enter it in the box provided.																										

**FY 2017-2021 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria**

PRIORITY SCORE = 94

Chlorine Tank Replacement - ClorTec Room

RAW SCORE = 75

PRIMARY OBJECTIVE (75%)	Water Supply (E 2) Impact = H ; Probability = H		68.25
	A	<input checked="" type="checkbox"/> H+ Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety. (H+, H-, M+, M-, L)	
	B	<input type="checkbox"/> M Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post-disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance]. (H, M, L)	
C	<input type="checkbox"/> I Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. (I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))		
SOCIAL FACTORS (7.5%)	Social Factor - Check if applicable		5.00
	<input type="checkbox"/> Promotes Emergency Recovery		
Positive Interaction (E 4) - Check all that apply			
<input checked="" type="checkbox"/> With the Community	<input checked="" type="checkbox"/> With other agencies		
ENVIRONMENTAL FACTORS (7.5%)	Water Quality (E 3.2) - Check if applicable		1.88
	<input checked="" type="checkbox"/> Promotes drinking water quality		
	Natural Resources Sustainability (E 3.2) - Check all that apply		
<input type="checkbox"/> Promotes water use efficiency	<input type="checkbox"/> Promotes energy efficiency or incorporates energy efficient features		
<input type="checkbox"/> Promotes groundwater basin management			
ECONOMIC FACTORS (10%)	Lifecycle costs are minimized - Check One		0.00
	<input type="checkbox"/> Annual cost savings of more than \$50,000		
	<input type="checkbox"/> Annual cost savings of \$10,000 to \$50,000		
	<input type="checkbox"/> Annual cost savings of less than \$10,000		
	Funding Available from Other Agencies - Check One		
<input type="checkbox"/> Over 50% of project costs available from other agencies			
<input type="checkbox"/> 26% to 50% of project costs available from other agencies			
<input type="checkbox"/> Up to 25% of project costs available from other agencies			

NOTE: You must type a capital "X" in the check boxes for any of the Social, Environmental, or Economic factors in order for the built-in formulas to recognize and calculate the scores.

WATER SUPPLY / TREATMENT PROJECTS Priority Ranking Criteria

Project Name Here Chlorine Tank Replacement - Chlor-Tee Room PRIORITY SCORE =
RAW SCORE = 100

	Water Supply (E 2)	Impact = ; Probability =	75.00	← Totals from
	Water Supply capital projects are prioritized according to their ability to sustain the water utility business. "Sustain the water utility business" means the projects will repair or replace system components required to meet existing demand or water quality standards and which have a medium or high probability of failure			
	Criterion A: Protecting Existing Assets			
	Highest possible value is 55 points, with 55 points for "high", 30 points for "medium" and 5.5 points for "low". The Intermediate scores are shown below:			
		Probability		
		High Med. Low		
WATER SUPPLY OBJECTIVE (75% of Raw Score)	Impact	High	Med.	Low
	High	H+ 55	H- 42	M+ 30
	Med.	H- 42	M+ 30	M- 17
Low	M+ 30	M- 17	L 5.5	
	<p>Definition: Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety.</p> <p>Impact: <u>High</u> - Without the project, the District likely can not meet normal current or future daily demand and/or water quality standards because the water utility infrastructure is in poor condition, lacks redundancy or backup, or does not meet regulatory requirements. - <i>Chlorine tank shell is failing. This is critical infrastructure to District's ability of drinking water.</i> <u>Medium</u> - Without the project, the District likely can continue meeting current or future demands and/or water quality standards, but will be operating at a higher level of risk, potentially relying on manual operation or an existing backup <u>Low</u> - Without the project, the District can continue meeting current or future demand and/or water quality standards or regulations. However, the system will advance to a higher state of risk, or the project is related to a backup system.</p> <p>Probability of impact occurring: <u>High</u> - Likely to almost certain 65% - 100% ← <i>Failure in time is likely.</i> <u>Medium</u> - Possible 35% - 65% <u>Low</u> - Unlikely or rare 0% - 35%</p>			
	<input checked="" type="checkbox"/> H+ Determine the appropriate rating for the project as it pertains to Criterion A and then enter it in the box provided.			
	Criterion B: Improving Existing Assets			
	Highest possible points are 20 points, with 20 points for "high", 11 points for "medium" and 2 points for "low".			
	Definition: Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post disaster reliability of water utility infrastructure [Example: Improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance].			
	Effect of Project Impact:			
	<u>High (H)</u> - Provides benefits for more than 30,000 customers.			
	<u>Medium (M)</u> - Provides benefits for 10,000 to 30,000 customers. ← <i>Impacts Service Area 1 customers.</i>			
	<u>Low (L)</u> - Provides benefits for less than 10,000 customers.			
	<input type="checkbox"/> H Determine the appropriate rating for the project as it pertains to Criterion B and then enter it in the box provided.			
	Criterion C: Project Urgency			
	Highest possible points are 25 points, with 25 points for "Immediate", 14 points for "Short-Term" and 2.5 points for "Long-Term".			
	Definition: Timing of when project is needed to meet water supply demands, water quality standards, or other regulations.			
	Project Urgency:			
	<u>Immediate Need (I)</u> - Project is needed to meet current demands or regulations within the next three (3) years. ←			
	<u>Short-Term Need (S)</u> - Project is needed to meet demands or regulations within the next three to five (3 - 5) years.			
	<u>Long-Term Need (L)</u> - Project is needed to meet demands beyond the next five (5) years.			
	<input type="checkbox"/> I Determine the appropriate rating for the project as it pertains to Criterion C and then enter it in the box provided.			

FY 2017-2021 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria

PRIORITY SCORE = 97

RAW SCORE = 78

Hampton WTP Improvements

PRIMARY OBJECTIVE (75%)	Water Supply (E 2) Impact = H ; Probability = H		68.25
	A	<input checked="" type="checkbox"/> H+ Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety. (H+, H-, M+, M-, L)	
	B	<input type="checkbox"/> M Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post-disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance]. (H, M, L)	
C	<input type="checkbox"/> I Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. (I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))		
SOCIAL FACTORS (7.5%)	Social Factor - Check if applicable		7.50
	<input checked="" type="checkbox"/>	Promotes Emergency Recovery	
Positive Interaction (E 4) - Check all that apply			
<input checked="" type="checkbox"/>	With the Community	<input checked="" type="checkbox"/> With other agencies	
ENVIRONMENTAL FACTORS (7.5%)	Water Quality (E 3.2) - Check if applicable		1.88
	<input checked="" type="checkbox"/>	Promotes drinking water quality	
	Natural Resources Sustainability (E 3.2) - Check all that apply		
<input type="checkbox"/>	Promotes water use efficiency	<input type="checkbox"/> Promotes energy efficiency or incorporates energy efficient features	
<input type="checkbox"/>	Promotes groundwater basin management		
ECONOMIC FACTORS (10%)	Lifecycle costs are minimized - Check One		0.00
	<input type="checkbox"/>	Annual cost savings of more than \$50,000	
	<input type="checkbox"/>	Annual cost savings of \$10,000 to \$50,000	
	<input type="checkbox"/>	Annual cost savings of less than \$10,000	
	Funding Available from Other Agencies - Check One		
<input type="checkbox"/>	Over 50% of project costs available from other agencies		
<input type="checkbox"/>	26% to 50% of project costs available from other agencies		
<input type="checkbox"/>	Up to 25% of project costs available from other agencies		

NOTE: You must type a capital "X" in the check boxes for any of the Social, Environmental, or Economic factors in order for the built-in formulas to recognize and calculate the scores.

WATER SUPPLY / TREATMENT PROJECTS

Priority Ranking Criteria

Project Name Here *Hampton WTP Improvements*

PRIORITY SCORE =
RAW SCORE = 100

Water Supply (E 2) Impact = ; Probability = 75.00 ← Totals from

Water Supply capital projects are prioritized according to their ability to sustain the water utility business. "Sustain the water utility business" means the projects will repair or replace system components required to meet existing demand or water quality standards and which have a medium or high probability of failure

Criterion A: Protecting Existing Assets

Highest possible value is 55 points, with 55 points for "high", 30 points for "medium" and 5.5 points for "low". The intermediate scores are shown below:

		Probability		
		High	Med.	Low
Impact	High	<div style="border: 1px solid red; border-radius: 50%; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> H+ 55 </div>	H- 42	M+ 30
	Med.	H- 42	M+ 30	M- 17
	Low	M+ 30	M- 17	L 5.5

Definition: Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety.

Impact:

High – Without the project, the District likely can not meet normal current or future daily demand and/or water quality standards because the water utility infrastructure is in poor condition, lacks redundancy or backup, or does not meet regulatory requirements. *Important project provide redundancy to District's drinking water system.*

Medium – Without the project, the District likely can continue meeting current or future demands and/or water quality standards, but will be operating at a higher level of risk, potentially relying on manual operation or an existing backup

Low – Without the project, the District can continue meeting current or future demand and/or water quality standards or regulations. However, the system will advance to a higher state of risk, or the project is related to a backup system.

Probability of Impact occurring:

High – Likely to almost certain 65% – 100%

Medium – Possible 35% – 65%

Low – Unlikely or rare 0% – 35%

← Source capacity issues without backup source if RRWTF goes down.

H+ Determine the appropriate rating for the project as it pertains to Criterion A and then enter it in the box provided.

Criterion B: Improving Existing Assets

Highest possible points are 20 points, with 20 points for "high", 11 points for "medium" and 2 points for "low".

Definition:

Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance].

Effect of Project Impact:

High (H) – Provides benefits for more than 30,000 customers.

Medium (M) – Provides benefits for 10,000 to 30,000 customers.

Low (L) – Provides benefits for less than 10,000 customers.

← Impacts Service Area customers.

H Determine the appropriate rating for the project as it pertains to Criterion B and then enter it in the box provided.

Criterion C: Project Urgency

Highest possible points are 25 points, with 25 points for "Immediate", 14 points for "Short-Term" and 2.5 points for "Long-Term".

Definition:

Timing of when project is needed to meet water supply demands, water quality standards, or other regulations.

Project Urgency:

Immediate Need (I) – Project is needed to meet current demands or regulations within the next three (3) years. *←*

Short-Term Need (S) – Project is needed to meet demands or regulations within the next three to five (3 - 5) years.

Long-Term Need (L) – Project is needed to meet demands beyond the next five (5) years.

I Determine the appropriate rating for the project as it pertains to Criterion C and then enter it in the box provided.

WATER SUPPLY OBJECTIVE
(75% of Raw Score)
This Objective counts for 75% of the total score thus the point received are then multiplied by a factor of .75.

FY 2017-2021 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria

PRIORITY SCORE = 82

Well 1D Profiling/Modifications

RAW SCORE = 65

PRIMARY OBJECTIVE (75%)	Water Supply (E 2) Impact = H ; Probability = H		58.50
	A	<input checked="" type="checkbox"/> H- Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety. (H+, H-, M+, M-, L)	
	B	<input checked="" type="checkbox"/> M Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post-disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance]. (H, M, L)	
C	<input type="checkbox"/> I Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. (I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))		
SOCIAL FACTORS (7.5%)	Social Factor - Check if applicable		5.00
	<input type="checkbox"/> Promotes Emergency Recovery		
Positive Interaction (E 4) - Check all that apply			
<input checked="" type="checkbox"/> With the Community	<input checked="" type="checkbox"/> With other agencies		
ENVIRONMENTAL FACTORS (7.5%)	Water Quality (E 3.2) - Check if applicable		1.88
	<input checked="" type="checkbox"/> Promotes drinking water quality		
	Natural Resources Sustainability (E 3.2) - Check all that apply		
<input type="checkbox"/> Promotes water use efficiency	<input type="checkbox"/> Promotes energy efficiency or incorporates energy efficient features		
<input type="checkbox"/> Promotes groundwater basin management			
ECONOMIC FACTORS (10%)	Lifecycle costs are minimized - Check One		0.00
	<input type="checkbox"/> Annual cost savings of more than \$50,000		
	<input type="checkbox"/> Annual cost savings of \$10,000 to \$50,000		
	<input type="checkbox"/> Annual cost savings of less than \$10,000		
	Funding Available from Other Agencies - Check One		
<input type="checkbox"/> Over 50% of project costs available from other agencies			
<input type="checkbox"/> 26% to 50% of project costs available from other agencies			
<input type="checkbox"/> Up to 25% of project costs available from other agencies			

NOTE: You must type a capital "X" in the check boxes for any of the Social, Environmental, or Economic factors in order for the built-in formulas to recognize and calculate the scores.

WATER SUPPLY / TREATMENT PROJECTS

Priority Ranking Criteria

PRIORITY SCORE =
RAW SCORE = 100

Project Name Here *Well ID Profiling/Modification*

WATER SUPPLY OBJECTIVE (75% of Raw Score)		Water Supply (E 2)	Impact =	Probability =	75.00	← Totals from	
	<p>Water Supply capital projects are prioritized according to their ability to sustain the water utility business. "Sustain the water utility business" means the projects will repair or replace system components required to meet existing demand or water quality standards and which have a medium or high probability of failure</p>						
	<p>Criterion A: Protecting Existing Assets Highest possible value is 55 points, with 55 points for "high", 30 points for "medium" and 5.5 points for "low". The intermediate scores are shown below:</p>						
	Impact		Probability	<p>Definition: Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety.</p> <p>Impact: High – Without the project, the District likely can not meet normal current or future daily demand and/or water quality standards because the water utility infrastructure is in poor condition, lacks redundancy or backup, or does not meet regulatory requirements. Medium – Without the project, the District likely can continue meeting current or future demands and/or water quality standards, but will be operating at a higher level of risk, potentially relying on manual operation or an existing backup <i>District may be able to improve water quality of Well ID with this proj.</i> Low – Without the project, the District can continue meeting current or future demand and/or water quality standards or regulations. However, the system will advance to a higher state of risk, or the project is related to a backup system.</p> <p>Probability of impact occurring: High – Likely to almost certain 65% – 100% ← Medium – Possible 35% – 65% Low – Unlikely or rare 0% – 35%</p>			
	High	Med.	Low				
High	H+ 55	H- 42	M+ 30				
Med.	H- 42	M+ 30	M- 17				
Low	M+ 30	M- 17	L 5.5				
<p><input type="checkbox"/> H+ Determine the appropriate rating for the project as it pertains to Criterion A and then enter it in the box provided.</p>							
<p>Criterion B: Improving Existing Assets Highest possible points are 20 points, with 20 points for "high", 11 points for "medium" and 2 points for "low".</p> <p>Definition: Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water, or add redundancy so infrastructure can be taken off-line for maintenance].</p> <p>Effect of Project Impact: High (H) – Provides benefits for more than 30,000 customers. Medium (M) – Provides benefits for 10,000 to 30,000 customers. ← <i>Impacts Service Area 1 customers.</i> Low (L) – Provides benefits for less than 10,000 customers.</p>							
<p><input type="checkbox"/> H Determine the appropriate rating for the project as it pertains to Criterion B and then enter it in the box provided.</p>							
<p>Criterion C: Project Urgency Highest possible points are 25 points, with 25 points for "Immediate", 14 points for "Short-Term" and 2.5 points for "Long-Term".</p> <p>Definition: Timing of when project is needed to meet water supply demands, water quality standards, or other regulations.</p> <p>Project Urgency: Immediate Need (I) – Project is needed to meet current demands or regulations within the next three (3) years. ← Short-Term Need (S) – Project is needed to meet demands or regulations within the next three to five (3 - 5) years. Long-Term Need (L) – Project is needed to meet demands beyond the next five (5) years.</p>							
<p><input type="checkbox"/> I Determine the appropriate rating for the project as it pertains to Criterion C and then enter it in the box provided.</p>							

This Objective counts for 75% of the total score thus the point received are then multiplied by a factor of .75.

**FY 2017-2021 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria**

PRIORITY SCORE = 82

Well 3 Pump Replacement/VFD

RAW SCORE = 65

PRIMARY OBJECTIVE (75%)	Water Supply (E 2) Impact = H ; Probability = M		58.50
	A	<input checked="" type="checkbox"/> H- Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety. (H+, H-, M+, M-, L)	
	B	<input checked="" type="checkbox"/> M Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post-disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance]. (H, M, L)	
C	<input type="checkbox"/> I Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. (I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))		
SOCIAL FACTORS (7.5%)	Social Factor - Check if applicable		5.00
	<input type="checkbox"/> Promotes Emergency Recovery		
Positive Interaction (E 4) - Check all that apply			
<input checked="" type="checkbox"/> With the Community	<input checked="" type="checkbox"/> With other agencies		
ENVIRONMENTAL FACTORS (7.5%)	Water Quality (E 3.2) - Check if applicable		1.88
	<input checked="" type="checkbox"/> Promotes drinking water quality		
	Natural Resources Sustainability (E 3.2) - Check all that apply		
<input type="checkbox"/> Promotes water use efficiency	<input type="checkbox"/> Promotes energy efficiency or incorporates energy efficient features		
<input type="checkbox"/> Promotes groundwater basin management			
ECONOMIC FACTORS (10%)	Lifecycle costs are minimized - Check One		0.00
	<input type="checkbox"/> Annual cost savings of more than \$50,000		
	<input type="checkbox"/> Annual cost savings of \$10,000 to \$50,000		
	<input type="checkbox"/> Annual cost savings of less than \$10,000		
	Funding Available from Other Agencies - Check One		
<input type="checkbox"/> Over 50% of project costs available from other agencies			
<input type="checkbox"/> 26% to 50% of project costs available from other agencies			
<input type="checkbox"/> Up to 25% of project costs available from other agencies			

NOTE: You must type a capital "X" in the check boxes for any of the Social, Environmental, or Economic factors in order for the built-in formulas to recognize and calculate the scores.

WATER SUPPLY / TREATMENT PROJECTS

Priority Ranking Criteria

Project Name Here *Well 3 Pump Replacement / VFD*

PRIORITY SCORE =
RAW SCORE = 100

	Water Supply (E 2)	Impact =	Probability =	75.00	← Totals from																				
<p>Water Supply capital projects are prioritized according to their ability to sustain the water utility business. "Sustain the water utility business" means the projects will repair or replace system components required to meet existing demand or water quality standards and which have a medium or high probability of failure</p>																									
<p>Criterion A: Protecting Existing Assets Highest possible value is 55 points, with 55 points for "high", 30 points for "medium" and 5.5 points for "low". The intermediate scores are shown below:</p>																									
<p>Probability</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td></td> <td style="text-align: center;">High</td> <td style="text-align: center;">Med.</td> <td style="text-align: center;">Low</td> <td></td> </tr> <tr> <td style="text-align: center;">High</td> <td style="text-align: center;">H+ 55</td> <td style="text-align: center;">H- 42</td> <td style="text-align: center;">M+ 30</td> <td></td> </tr> <tr> <td style="text-align: center;">Med.</td> <td style="text-align: center;">H- 42</td> <td style="text-align: center;">M+ 30</td> <td style="text-align: center;">M- 17</td> <td></td> </tr> <tr> <td style="text-align: center;">Low</td> <td style="text-align: center;">M+ 30</td> <td style="text-align: center;">M- 17</td> <td style="text-align: center;">L 5.5</td> <td></td> </tr> </table>							High	Med.	Low		High	H+ 55	H- 42	M+ 30		Med.	H- 42	M+ 30	M- 17		Low	M+ 30	M- 17	L 5.5	
	High	Med.	Low																						
High	H+ 55	H- 42	M+ 30																						
Med.	H- 42	M+ 30	M- 17																						
Low	M+ 30	M- 17	L 5.5																						
<p>Definition: Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety.</p> <p>Impact: High – Without the project, the District likely can not meet normal current or future daily demand and/or water quality standards because the water utility infrastructure is in poor condition, lacks redundancy or backup, or does not meet regulatory requirements. Medium – Without the project, the District likely can continue meeting current or future demands and/or water quality standards, but will be operating at a higher level of risk, potentially relying on manual operation or an existing backup <i>This proj. provides redundancy to District's water system.</i> Low – Without the project, the District can continue meeting current or future demand and/or water quality standards or regulations. However, the system will advance to a higher state of risk, or the project is related to a backup system.</p> <p>Probability of Impact occurring: High – Likely to almost certain 65% – 100% ← Medium – Possible 35% – 65% Low – Unlikely or rare 0% – 35%</p>																									
<p><input type="checkbox"/> H+ Determine the appropriate rating for the project as it pertains to Criterion A and then enter it in the box provided.</p>																									
<p>Criterion B: Improving Existing Assets Highest possible points are 20 points, with 20 points for "high", 11 points for "medium" and 2 points for "low".</p> <p>Definition: Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance].</p> <p>Effect of Project Impact: High (H) – Provides benefits for more than 30,000 customers. Medium (M) – Provides benefits for 10,000 to 30,000 customers. ← <i>Service Area 1</i> Low (L) – Provides benefits for less than 10,000 customers.</p>																									
<p><input type="checkbox"/> H Determine the appropriate rating for the project as it pertains to Criterion B and then enter it in the box provided.</p>																									
<p>Criterion C: Project Urgency Highest possible points are 25 points, with 25 points for "Immediate", 14 points for "Short-Term" and 2.5 points for "Long-Term".</p> <p>Definition: Timing of when project is needed to meet water supply demands, water quality standards, or other regulations.</p> <p>Project Urgency: Immediate Need (I) – Project is needed to meet current demands or regulations within the next three (3) years. ← Short-Term Need (S) – Project is needed to meet demands or regulations within the next three to five (3 - 5) years. Long-Term Need (L) – Project is needed to meet demands beyond the next five (5) years.</p>																									
<p><input type="checkbox"/> I Determine the appropriate rating for the project as it pertains to Criterion C and then enter it in the box provided.</p>																									

WATER SUPPLY OBJECTIVE
(75% of Raw Score)
This Objective counts for 75% of the total score thus the point received are then multiplied by a factor of .75.

**FY 2017-2021 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria**

PRIORITY SCORE = 82

RAW SCORE = 65

Well 8 Pump Replacement/VFD

PRIMARY OBJECTIVE (75%)	Water Supply (E 2) Impact = H ; Probability = M		58.50
	A	<input checked="" type="checkbox"/> H- Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety. (H+, H-, M+, M-, L)	
	B	<input checked="" type="checkbox"/> M Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post-disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance]. (H, M, L)	
C	<input type="checkbox"/> I Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. (I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))		
SOCIAL FACTORS (7.5%)	Social Factor - Check if applicable		5.00
	<input type="checkbox"/> Promotes Emergency Recovery		
Positive Interaction (E 4) - Check all that apply			
<input checked="" type="checkbox"/> With the Community	<input checked="" type="checkbox"/> With other agencies		
ENVIRONMENTAL FACTORS (7.5%)	Water Quality (E 3.2) - Check if applicable		1.88
	<input checked="" type="checkbox"/> Promotes drinking water quality		
	Natural Resources Sustainability (E 3.2) - Check all that apply		
<input type="checkbox"/> Promotes water use efficiency	<input type="checkbox"/> Promotes energy efficiency or incorporates energy efficient features		
<input type="checkbox"/> Promotes groundwater basin management			
ECONOMIC FACTORS (10%)	Lifecycle costs are minimized - Check One		0.00
	<input type="checkbox"/> Annual cost savings of more than \$50,000		
	<input type="checkbox"/> Annual cost savings of \$10,000 to \$50,000		
	<input type="checkbox"/> Annual cost savings of less than \$10,000		
	Funding Available from Other Agencies - Check One		
<input type="checkbox"/> Over 50% of project costs available from other agencies			
<input type="checkbox"/> 26% to 50% of project costs available from other agencies			
<input type="checkbox"/> Up to 25% of project costs available from other agencies			

NOTE: You must type a capital "X" in the check boxes for any of the Social, Environmental, or Economic factors in order for the built-in formulas to recognize and calculate the scores.

WATER SUPPLY / TREATMENT PROJECTS

Priority Ranking Criteria

Project Name Here *Well 8 Pump Replacement / VFD*

PRIORITY SCORE =
RAW SCORE = 100

	Water Supply (E 2)	Impact = ; Probability =	75.00	← Totals for										
WATER SUPPLY OBJECTIVE (75% of Raw Score) This Objective counts for 75% of the total score thus the point received are then multiplied by a factor of .75.	Water Supply capital projects are prioritized according to their ability to sustain the water utility business. "Sustain the water utility business" means the projects will repair or replace system components required to meet existing demand or water quality standards and which have a medium or high probability of failure													
	Criterion A: Protecting Existing Assets Highest possible value is 55 points, with 55 points for "high", 30 points for "medium" and 5.5 points for "low". The intermediate scores are shown below:													
	Probability High Med. Low	<p>Definition: Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety.</p> <p>Impact: High – Without the project, the District likely can not meet normal current or future daily demand and/or water quality standards because the water utility infrastructure is in poor condition, lacks redundancy or backup, or does not meet regulatory requirements. Medium – Without the project, the District likely can continue meeting current or future demands and/or water quality standards, but will be operating at a higher level of risk, potentially relying on manual operation or an existing backup <i>This proj. provides redundancy to District's water system.</i> Low – Without the project, the District can continue meeting current or future demand and/or water quality standards or regulations. However, the system will advance to a higher state of risk, or the project is related to a backup system.</p> <p>Probability of impact occurring: High – Likely to almost certain 65% – 100% ← Medium – Possible 35% – 65% Low – Unlikely or rare 0% – 35%</p>												
	Impact High Med. Low	<table border="1" style="margin: auto;"> <tr> <td style="text-align: center;">H+</td> <td style="text-align: center;">42</td> <td style="text-align: center;">M+</td> </tr> <tr> <td style="text-align: center;">H-</td> <td style="text-align: center;">30</td> <td style="text-align: center;">M-</td> </tr> <tr> <td style="text-align: center;">M+</td> <td style="text-align: center;">17</td> <td style="text-align: center;">L</td> </tr> <tr> <td style="text-align: center;">M-</td> <td style="text-align: center;">5.5</td> <td></td> </tr> </table>	H+	42	M+	H-	30	M-	M+	17	L	M-	5.5	
H+	42	M+												
H-	30	M-												
M+	17	L												
M-	5.5													
Criterion B: Improving Existing Assets Highest possible points are 20 points, with 20 points for "high", 11 points for "medium" and 2 points for "low".														
<p>Definition: Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance].</p> <p>Effect of Project Impact: High (H) – Provides benefits for more than 30,000 customers. Medium (M) – Provides benefits for 10,000 to 30,000 customers. ← <i>Service Area 1</i> Low (L) – Provides benefits for less than 10,000 customers.</p>														
Determine the appropriate rating for the project as it pertains to Criterion B and then enter it in the box provided.														
Criterion C: Project Urgency Highest possible points are 25 points, with 25 points for "Immediate", 14 points for "Short-Term" and 2.5 points for "Long-Term".														
<p>Definition: Timing of when project is needed to meet water supply demands, water quality standards, or other regulations.</p> <p>Project Urgency: Immediate Need (I) – Project is needed to meet current demands or regulations within the next three (3) years. ← Short-Term Need (S) – Project is needed to meet demands or regulations within the next three to five (3 - 5) years. Long-Term Need (L) – Project is needed to meet demands beyond the next five (5) years.</p>														
Determine the appropriate rating for the project as it pertains to Criterion C and then enter it in the box provided.														

FY 2017-2021 WATER SUPPLY / TREATMENT PROJECTS
Priority Ranking Criteria

PRIORITY SCORE = 56

RAW SCORE = 45

Link Sample Pressure Stations to SCADA

PRIMARY OBJECTIVE (75%)	Water Supply (E 2) Impact = H ; Probability = H		37.88
	A	<input checked="" type="checkbox"/> L Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety. (H+, H-, M+, M-, L)	
	B	<input checked="" type="checkbox"/> H Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post-disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance]. (H, M, L)	
C	<input type="checkbox"/> I Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. (I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))		
SOCIAL FACTORS (7.5%)	Social Factor - Check if applicable		5.00
	<input type="checkbox"/> Promotes Emergency Recovery		
Positive Interaction (E 4) - Check all that apply			
<input checked="" type="checkbox"/> With the Community	<input checked="" type="checkbox"/> With other agencies		
ENVIRONMENTAL FACTORS (7.5%)	Water Quality (E 3.2) - Check if applicable		1.88
	<input checked="" type="checkbox"/> Promotes drinking water quality		
	Natural Resources Sustainability (E 3.2) - Check all that apply		
<input type="checkbox"/> Promotes water use efficiency	<input type="checkbox"/> Promotes energy efficiency or incorporates energy efficient features		
<input type="checkbox"/> Promotes groundwater basin management			
ECONOMIC FACTORS (10%)	Lifecycle costs are minimized - Check One		0.00
	<input type="checkbox"/> Annual cost savings of more than \$50,000		
	<input type="checkbox"/> Annual cost savings of \$10,000 to \$50,000		
	<input type="checkbox"/> Annual cost savings of less than \$10,000		
	Funding Available from Other Agencies - Check One		
<input type="checkbox"/> Over 50% of project costs available from other agencies			
<input type="checkbox"/> 26% to 50% of project costs available from other agencies			
<input type="checkbox"/> Up to 25% of project costs available from other agencies			

NOTE: You must type a capital "X" in the check boxes for any of the Social, Environmental, or Economic factors in order for the built-in formulas to recognize and calculate the scores.

WATER SUPPLY / TREATMENT PROJECTS

Priority Ranking Criteria

PRIORITY SCORE =
RAW SCORE = 100

Project Name Here *Link Sample Pressure Stations to SCADA*

Water Supply (E 2) Impact = ; Probability = 75.00 ← Totals for

Water Supply capital projects are prioritized according to their ability to sustain the water utility business. "Sustain the water utility business" means the projects will repair or replace system components required to meet existing demand or water quality standards and which have a medium or high probability of failure

Criterion A: Protecting Existing Assets

Highest possible value is 55 points, with 55 points for "high", 30 points for "medium" and 5.5 points for "low". The intermediate scores are shown below:

		Probability		
		High	Med.	Low
Impact	High	H+ 55	H- 42	M+ 30
	Med.	H- 42	M+ 30	M- 17
	Low	M+ 30	M- 17	L 5.5

Definition: Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety.

Impact:

High – Without the project, the District likely can not meet normal current or future daily demand and/or water quality standards because the water utility infrastructure is in poor condition, lacks redundancy or backup, or does not meet regulatory requirements.

Medium – Without the project, the District likely can continue meeting current or future demands and/or water quality standards, but will be operating at a higher level of risk, potentially relying on manual operation or an existing backup

Low – Without the project, the District can continue meeting current or future demand and/or water quality standards or regulations. However, the system will advance to a higher state of risk, or the project is related to a backup system.

Probability of Impact occurring:

High – Likely to almost certain 65% – 100%

Medium – Possible 35% – 65%

Low – Unlikely or rare 0% – 35% ←

Determine the appropriate rating for the project as it pertains to Criterion A and then enter it in the box provided.

Criterion B: Improving Existing Assets

Highest possible points are 20 points, with 20 points for "high", 11 points for "medium" and 2 points for "low".

Definition:

Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance].

Effect of Project Impact:

High (H) – Provides benefits for more than 30,000 customers. ← *Service Areas 1 & 2*

Medium (M) – Provides benefits for 10,000 to 30,000 customers.

Low (L) – Provides benefits for less than 10,000 customers.

Determine the appropriate rating for the project as it pertains to Criterion B and then enter it in the box provided.

Criterion C: Project Urgency

Highest possible points are 25 points, with 25 points for "Immediate", 14 points for "Short-Term" and 2.5 points for "Long-Term".

Definition:

Timing of when project is needed to meet water supply demands, water quality standards, or other regulations.

Project Urgency:

Immediate Need (I) – Project is needed to meet current demands or regulations within the next three (3) years. ←

Short-Term Need (S) – Project is needed to meet demands or regulations within the next three to five (3 - 5) years.

Long-Term Need (L) – Project is needed to meet demands beyond the next five (5) years.

Determine the appropriate rating for the project as it pertains to Criterion C and then enter it in the box provided.

WATER SUPPLY OBJECTIVE
(75% of Raw Score)
This Objective counts for 75% of the total score thus the point received are then multiplied by a factor of .75.

**FY 2017-2021 BUILDING & SITE / VEHICLES PROJECTS
Priority Ranking Criteria**

PRIORITY SCORE = 60

RAW SCORE = 48

Truck Replacements

PRIMARY OBJECTIVE (60%)	Buildings and Grounds (EL 3.4) Impact = M ; Probability = H		46.20
	A	<input checked="" type="checkbox"/> H- Project maintains or replaces existing building infrastructure to provide continuous housing of existing functions and/or to comply with employer or public safety standards.	
	B	<input checked="" type="checkbox"/> M Project enhances building infrastructure to address treatment of staff or public issues.	
	C	<input checked="" type="checkbox"/> H Project positions the District to meet projected future space needs.	
CLEANER OBJECTIVE (10%)	Positive Interaction (E 4) - Check all that apply		2.00
	<input checked="" type="checkbox"/>	With the Community	<input type="checkbox"/> With other agencies
	Good Neighbor (E 4) - Check all that apply		
	<input type="checkbox"/>	Graffiti removal or Prevention Features	
	<input type="checkbox"/>	Trash removal features (vortex weirs)	
	<input type="checkbox"/>	Improves esthetics of project location	
GREENER OBJECTIVE (15%)	Natural Resources Sustainability (E 3.2) - Check all that apply		0.00
	<input type="checkbox"/>	Air Quality & Visibility Improvement	<input type="checkbox"/> Recycled Water, rain water or gray water utilized
	<input type="checkbox"/>	Energy Efficient Features (Lighting, HVAC, maximize daylight use, etc.)	<input type="checkbox"/> Construction Site Waste Management
	<input type="checkbox"/>	Renewable Energy Use	<input type="checkbox"/> Recycle/Re-use Solid Waste
	<input type="checkbox"/>	Water Efficient Features: Plumbing fixtures, Landscaping, etc.	<input type="checkbox"/> Reduce Solid Waste Production
			<input type="checkbox"/> Use of Recycled or Alternative Building Materials
	Trails & Open Space (E3.3) - Check all that apply		
	<input type="checkbox"/>	Trail friendly features	<input type="checkbox"/> Open Space Protection / Preservation
	<input type="checkbox"/>	Provides/Improves Bicycle Commute Route	
	LEANER OBJECTIVE (15%)	Lifecycle costs are minimized - Check One	
<input type="checkbox"/>		Annual cost savings of more than \$50,000	
<input type="checkbox"/>		Annual cost savings of \$10,000 to \$50,000	
<input type="checkbox"/>		Annual cost savings of less than \$10,000	
Funding Available from Other Agencies - Check One			
<input type="checkbox"/>		Over 50% of project costs available from other agencies	
<input type="checkbox"/>	26% to 50% of project costs available from other agencies		
<input type="checkbox"/>	Up to 25% of project costs available from other agencies		

BUILDINGS & GROUNDS PROJECTS Priority Ranking Criteria

Project Name Here *Truck Replacements*

PRIORITY SCORE =
RAW SCORE = 100

BUILDINGS & GROUNDS OBJECTIVE Clean (60% of Raw Score)	Buildings and Grounds (EL 3.4)	Impact = ; Probability =	60.0								
	Buildings and Grounds capital projects are prioritized according to their ability to sustain the District's support functions.										
	Criterion A: Protect Existing Assets										
	Highest possible value is 55 points, with 55 points for "high", 33 points for "medium" and 5.5 points for "low". The intermediate scores are shown below:										
Impact	Probability	Definition: Project maintains or replaces existing building infrastructure to provide continuous housing of existing functions and/or to comply with employer safety standards									
	High Med. Low										
High	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">H+ 55</td> <td style="width: 33%; text-align: center;">H- 44</td> <td style="width: 33%; text-align: center;">M+ 33</td> </tr> <tr> <td style="text-align: center;">H-</td> <td style="text-align: center;">M+</td> <td style="text-align: center;">M-</td> </tr> <tr> <td style="text-align: center;">M+</td> <td style="text-align: center;">M-</td> <td style="text-align: center;">L</td> </tr> </table>	H+ 55	H- 44	M+ 33	H-	M+	M-	M+	M-	L	<p>Impact: <u>High</u> – Without the project, District staff likely can not perform their normal daily work or an unsafe condition is present with the public. <u>Medium</u> – Without the project, District staff likely can only perform their normal daily work in a restricted manner for a limited duration and with work-arounds. <i>Broken down equipment will result in this.</i> <u>Low</u> – Without the project, District staff can continue to perform their daily work. However, the building is at risk from a seismic event or continues to deteriorate to a critical condition where staff cannot perform their daily work.</p>
H+ 55	H- 44	M+ 33									
H-	M+	M-									
M+	M-	L									
Med.	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">H- 44</td> <td style="width: 33%; text-align: center;">M+ 33</td> <td style="width: 33%; text-align: center;">M- 19.3</td> </tr> </table>	H- 44	M+ 33	M- 19.3	<p>Probability of impact occurring: <u>High</u> – Likely to almost certain 65% – 100% <i>Likelihood due to age, mileage and general condition of equipment.</i> <u>Medium</u> – Possible 35% – 65% <u>Low</u> – Unlikely or rare 0% – 35%</p>						
H- 44	M+ 33	M- 19.3									
Low	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">M+ 33</td> <td style="width: 33%; text-align: center;">M- 19.3</td> <td style="width: 33%; text-align: center;">L 5.5</td> </tr> </table>	M+ 33	M- 19.3	L 5.5							
M+ 33	M- 19.3	L 5.5									
	<input type="checkbox"/> H+	Determine the appropriate rating for the project as it pertains to Criterion A and then enter it in the box provided.									
Criterion B: Enhancement of Existing Assets											
Highest possible points are 30 points, with 30 points for "high", 18 points for "medium" and 3 points for "low".											
Definition: Project enhances building infrastructure to address treatment of staff issues.											
Effect of Project Impact:											
<u>High (H)</u> – Provides benefits for all employees or the public.											
<u>Medium (M)</u> – Provides benefits for between 10 to all employees. <i>Impacts Field Crew</i>											
<u>Low (L)</u> – Provides benefits for below 10 employees.											
	<input type="checkbox"/> H	Determine the appropriate rating for the project as it pertains to Criterion B and then enter it in the box provided.									
Criterion C: Addressing Future Space Needs											
Highest possible points are 15 points, with 15 points for "high", 9 points for "medium" and 1.5 points for "low".											
Definition: Project positions the District to meet projected future space needs.											
Effect of Project Impact:											
<u>High (H)</u> – Meet projected demand 10 years in the future. <i>←</i>											
<u>Medium (M)</u> – Meet projected demand 10 to 20 years in the future.											
<u>Low (L)</u> – Meet projected demand beyond 20 years in the future.											
	<input type="checkbox"/> H	Determine the appropriate rating for the project as it pertains to Criterion C and then enter it in the box provided.									

**FY 2017-2021 BUILDING & SITE / VEHICLES PROJECTS
Priority Ranking Criteria**

PRIORITY SCORE = 69

RAW SCORE = 55

Security Infrastructure

PRIMARY OBJECTIVE (75%)	Water Supply (E 2) Impact = M ; Probability = M		48.00
	A	<input checked="" type="checkbox"/> M+ Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety. (H+, H-, M+, M-, L)	
	B	<input type="checkbox"/> H Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post-disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance]. (H, M, L)	
C	<input type="checkbox"/> S Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. (I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))		
SOCIAL FACTORS (7.5%)	Social Factor - Check if applicable		5.00
	<input type="checkbox"/> Promotes Emergency Recovery		
Positive Interaction (E 4) - Check all that apply			
<input checked="" type="checkbox"/> With the Community	<input checked="" type="checkbox"/> With other agencies		
ENVIRONMENTAL FACTORS (7.5%)	Water Quality (E 3.2) - Check if applicable		1.88
	<input checked="" type="checkbox"/> Promotes drinking water quality		
	Natural Resources Sustainability (E 3.2) - Check all that apply		
<input type="checkbox"/> Promotes water use efficiency	<input type="checkbox"/> Promotes energy efficiency or incorporates energy efficient features		
<input type="checkbox"/> Promotes groundwater basin management			
ECONOMIC FACTORS (10%)	Lifecycle costs are minimized - Check One		0.00
	<input type="checkbox"/> Annual cost savings of more than \$50,000		
	<input type="checkbox"/> Annual cost savings of \$10,000 to \$50,000		
	<input type="checkbox"/> Annual cost savings of less than \$10,000		
	Funding Available from Other Agencies - Check One		
<input type="checkbox"/> Over 50% of project costs available from other agencies			
<input type="checkbox"/> 26% to 50% of project costs available from other agencies			
<input type="checkbox"/> Up to 25% of project costs available from other agencies			

NOTE: You must type a capital "X" in the check boxes for any of the Social, Environmental, or Economic factors in order for the built-in formulas to recognize and calculate the scores.

* For this project, the Water Supply / Treatment Project priority ranking criteria was used because security for the well sites is driven by water safety.

WATER SUPPLY / TREATMENT PROJECTS Priority Ranking Criteria

PRIORITY SCORE =
RAW SCORE = 100

Project Name Here Security Infrastructure

Water Supply (E 2) Impact = ; Probability = 75.00 ← Totals from

Water Supply capital projects are prioritized according to their ability to sustain the water utility business. "Sustain the water utility business" means the projects will repair or replace system components required to meet existing demand or water quality standards and which have a medium or high probability of failure

Criterion A: Protecting Existing Assets

Highest possible value is 55 points, with 55 points for "high", 30 points for "medium" and 5.5 points for "low". The intermediate scores are shown below:

		Probability		
		High	Med.	Low
Impact	High	H+ 55	H- 42	M+ 30
	Med.	H- 42	M+ 30	M- 17
	Low	M+ 30	M- 17	L 5.5

Definition: Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety.

Impact:

High – Without the project, the District likely can not meet normal current or future daily demand and/or water quality standards because the water utility infrastructure is in poor condition, lacks redundancy or backup, or does not meet regulatory requirements.

Medium – Without the project, the District likely can continue meeting current or future demands and/or water quality standards, but will be operating at a higher level of risk, potentially relying on manual operation or an existing backup

Low – Without the project, the District can continue meeting current or future demand and/or water quality standards or regulations. However, the system will advance to a higher state of risk, or the project is related to a backup system.

Probability of impact occurring:

High – Likely to almost certain 65% – 100%

Medium – Possible 35% – 65%

Low – Unlikely or rare 0% – 35%

H+ Determine the appropriate rating for the project as it pertains to Criterion A and then enter it in the box provided.

Criterion B: Improving Existing Assets

Highest possible points are 20 points, with 20 points for "high", 11 points for "medium" and 2 points for "low".

Definition:

Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post disaster reliability of water utility infrastructure [Example: Improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water, or add redundancy so infrastructure can be taken off-line for maintenance].

Effect of Project Impact:

High (H) – Provides benefits for more than 30,000 customers.

Medium (M) – Provides benefits for 10,000 to 30,000 customers.

Low (L) – Provides benefits for less than 10,000 customers.

H Determine the appropriate rating for the project as it pertains to Criterion B and then enter it in the box provided.

Criterion C: Project Urgency

Highest possible points are 25 points, with 25 points for "Immediate", 14 points for "Short-Term" and 2.5 points for "Long-Term".

Definition:

Timing of when project is needed to meet water supply demands, water quality standards, or other regulations.

Project Urgency:

Immediate Need (I) – Project is needed to meet current demands or regulations within the next three (3) years.

Short-Term Need (S) – Project is needed to meet demands or regulations within the next three to five (3 - 5) years.

Long-Term Need (L) – Project is needed to meet demands beyond the next five (5) years.

I Determine the appropriate rating for the project as it pertains to Criterion C and then enter it in the box provided.

WATER SUPPLY OBJECTIVE
(75% of Raw Score)
This Objective counts for 75% of the total score thus the point received are then multiplied by a factor of .75.

Potential of security threats at shallow wells where no security measures other than locked fenced-in area.

**FY 2017-2021 BUILDING & SITE / VEHICLES PROJECTS
Priority Ranking Criteria**

PRIORITY SCORE = 85

RAW SCORE = 68

RRWTF Emergency Access Gate

PRIMARY OBJECTIVE (75%)	Water Supply (E 2) Impact = M ; Probability = M		58.50
	A	<input checked="" type="checkbox"/> H- Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety. (H+, H-, M+, M-, L)	
	B	<input checked="" type="checkbox"/> M Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post-disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or add redundancy so infrastructure can be taken off-line for maintenance]. (H, M, L)	
C	<input type="checkbox"/> I Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. (I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))		
SOCIAL FACTORS (7.5%)	Social Factor - Check if applicable		7.50
	<input checked="" type="checkbox"/>	Promotes Emergency Recovery	
Positive Interaction (E 4) - Check all that apply			
<input checked="" type="checkbox"/>	With the Community	<input checked="" type="checkbox"/> With other agencies	
ENVIRONMENTAL FACTORS (7.5%)	Water Quality (E 3.2) - Check if applicable		1.88
	<input checked="" type="checkbox"/>	Promotes drinking water quality	
	Natural Resources Sustainability (E 3.2) - Check all that apply		
<input type="checkbox"/>	Promotes water use efficiency	<input type="checkbox"/> Promotes energy efficiency or incorporates energy efficient features	
<input type="checkbox"/>	Promotes groundwater basin management		
ECONOMIC FACTORS (10%)	Lifecycle costs are minimized - Check One		0.00
	<input type="checkbox"/>	Annual cost savings of more than \$50,000	
	<input type="checkbox"/>	Annual cost savings of \$10,000 to \$50,000	
	<input type="checkbox"/>	Annual cost savings of less than \$10,000	
	Funding Available from Other Agencies - Check One		
<input type="checkbox"/>	Over 50% of project costs available from other agencies		
<input type="checkbox"/>	26% to 50% of project costs available from other agencies		
<input type="checkbox"/>	Up to 25% of project costs available from other agencies		

NOTE: You must type a capital "X" in the check boxes for any of the Social, Environmental, or Economic factors in order for the built-in formulas to recognize and calculate the scores.

* For this project, the Water Supply / Treatment Project priority ranking criteria was used because security for the well sites is driven by water safety.

BUILDINGS & SITE / VEHICLES PROJECTS

Priority Ranking Criteria

PRIORITY SCORE =

RAW SCORE = 100

Project Name Here *RRWTF Emergency Access Gate*

BUILDINGS & GROUNDS OBJECTIVE Clean (60% of Raw Score)	Buildings and Grounds (EL 3.4)	Impact = ; Probability =	60.00																			
	Buildings and Grounds capital projects are prioritized according to their ability to sustain the District's support functions.																					
	Criterion A: Protect Existing Assets																					
	Highest possible value is 55 points, with 55 points for "high", 33 points for "medium" and 5.5 points for "low". The intermediate scores are shown below:																					
		Probability																				
		High Med. Low																				
Impact	High	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">H+ 55</td> <td style="width: 33%; text-align: center;">H- 44</td> <td style="width: 33%; text-align: center;">M+ 33</td> </tr> <tr> <td style="text-align: center;">H-</td> <td style="text-align: center;">M+</td> <td style="text-align: center;">M-</td> </tr> <tr> <td style="text-align: center;">M+</td> <td style="text-align: center;">M-</td> <td style="text-align: center;">L</td> </tr> <tr> <td style="text-align: center;">44</td> <td style="text-align: center;">33</td> <td style="text-align: center;">19.3</td> </tr> <tr> <td style="text-align: center;">M+</td> <td style="text-align: center;">M-</td> <td style="text-align: center;">L</td> </tr> <tr> <td style="text-align: center;">33</td> <td style="text-align: center;">19.3</td> <td style="text-align: center;">5.5</td> </tr> </table>	H+ 55	H- 44	M+ 33	H-	M+	M-	M+	M-	L	44	33	19.3	M+	M-	L	33	19.3	5.5	<p>Definition: Project maintains or replaces existing building infrastructure to provide continuous housing of existing functions and/or to comply with employer safety standards.</p> <p>Impact: <u>High</u> - Without the project, District staff likely can not perform their normal daily work <i>Emergency based project</i> <u>Medium</u> - Without the project, District staff likely can only perform their normal daily work in a restricted manner for a limited duration and with work-arounds. <u>Low</u> - Without the project, District staff can continue to perform their daily work. However, the building is at risk from a seismic event or continues to deteriorate to a critical condition where staff cannot perform their daily work.</p> <p>Probability of impact occurring: <u>High</u> - Likely to almost certain 65% - 100% <u>Medium</u> - Possible 35% - 65% ← <u>Low</u> - Unlikely or rare 0% - 35%</p>	
	H+ 55	H- 44	M+ 33																			
	H-	M+	M-																			
M+	M-	L																				
44	33	19.3																				
M+	M-	L																				
33	19.3	5.5																				
Med.	H- 44	M+ 33	M- 19.3																			
Low	M+ 33	M- 19.3	L 5.5																			
<input type="checkbox"/> H+ Determine the appropriate rating for the project as it pertains to Criterion A and then enter it in the box provided.																						
Criterion B: Enhancement of Existing Assets																						
Highest possible points are 30 points, with 30 points for "high", 18 points for "medium" and 3 points for "low".																						
Definition: Project enhances building infrastructure to address treatment of staff issues.																						
Effect of Project Impact:																						
<u>High (H)</u> - Provides benefits for all employees or the public. ←																						
<u>Medium (M)</u> - Provides benefits for between 10 to all employees.																						
<u>Low (L)</u> - Provides benefits for below 10 employees.																						
<input type="checkbox"/> H Determine the appropriate rating for the project as it pertains to Criterion B and then enter it in the box provided.																						
Criterion C: Addressing Future Space Needs																						
Highest possible points are 15 points, with 15 points for "high", 9 points for "medium" and 1.5 points for "low".																						
Definition: Project positions the District to meet projected future space needs.																						
Effect of Project Impact:																						
<u>High (H)</u> - Meet projected demand 10 years in the future.																						
<u>Medium (M)</u> - Meet projected demand 10 to 20 years in the future.																						
<u>Low (L)</u> - Meet projected demand beyond 20 years in the future.																						
<input type="checkbox"/> H Determine the appropriate rating for the project as it pertains to Criterion C and then enter it in the box provided.																						

**FY 2017-2021 BUILDING & SITE / VEHICLES PROJECTS
Priority Ranking Criteria**

PRIORITY SCORE = 0
RAW SCORE = 0

District Administration Bldg. Improvements

PRIMARY OBJECTIVE (60%)	<p>Buildings and Grounds (EL 3.4) Impact = H ; Probability = M 0.00</p> <p>A <input type="checkbox"/> Project maintains or replaces existing building infrastructure to provide continuous housing of existing functions and/or to comply with employer or public safety standards.</p> <p>B <input type="checkbox"/> Project enhances building infrastructure to address treatment of staff or public issues.</p> <p>C <input type="checkbox"/> Project positions the District to meet projected future space needs.</p>										
CLEANER OBJECTIVE (10%)	<p>Positive Interaction (E 4) - Check all that apply 0.00</p> <p><input type="checkbox"/> With the Community <input type="checkbox"/> With other agencies</p> <p>Good Neighbor (E 4) - Check all that apply</p> <p><input type="checkbox"/> Graffiti removal or Prevention Features</p> <p><input type="checkbox"/> Trash removal features (vortex weirs)</p> <p><input type="checkbox"/> Improves esthetics of project location</p>										
GREENER OBJECTIVE (15%)	<p>Natural Resources Sustainability (E 3.2) - Check all that apply 0.00</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"><input type="checkbox"/> Air Quality & Visibility Improvement</td> <td style="width: 50%; border: none;"><input type="checkbox"/> Recycled Water, rain water or gray water utilized</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> Energy Efficient Features (Lighting, HVAC, maximize daylight use, etc.)</td> <td style="border: none;"><input type="checkbox"/> Construction Site Waste Management</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> Renewable Energy Use</td> <td style="border: none;"><input type="checkbox"/> Recycle/Re-use Solid Waste</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> Water Efficient Features: Plumbing fixtures, Landscaping, etc.</td> <td style="border: none;"><input type="checkbox"/> Reduce Solid Waste Production</td> </tr> <tr> <td style="border: none;"></td> <td style="border: none;"><input type="checkbox"/> Use of Recycled or Alternative Building Materials</td> </tr> </table> <p>Trails & Open Space (E3.3) - Check all that apply</p> <p><input type="checkbox"/> Trail friendly features <input type="checkbox"/> Open Space Protection / Preservation</p> <p><input type="checkbox"/> Provides/Improves Bicycle Commute Route</p>	<input type="checkbox"/> Air Quality & Visibility Improvement	<input type="checkbox"/> Recycled Water, rain water or gray water utilized	<input type="checkbox"/> Energy Efficient Features (Lighting, HVAC, maximize daylight use, etc.)	<input type="checkbox"/> Construction Site Waste Management	<input type="checkbox"/> Renewable Energy Use	<input type="checkbox"/> Recycle/Re-use Solid Waste	<input type="checkbox"/> Water Efficient Features: Plumbing fixtures, Landscaping, etc.	<input type="checkbox"/> Reduce Solid Waste Production		<input type="checkbox"/> Use of Recycled or Alternative Building Materials
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	<input type="checkbox"/> Use of Recycled or Alternative Building Materials										
LEANER OBJECTIVE (15%)	<p>Lifecycle costs are minimized - Check One 0.00</p> <p><input type="checkbox"/> Annual cost savings of more than \$50,000</p> <p><input type="checkbox"/> Annual cost savings of \$10,000 to \$50,000</p> <p><input type="checkbox"/> Annual cost savings of less than \$10,000</p> <p>Funding Available from Other Agencies - Check One</p> <p><input type="checkbox"/> Over 50% of project costs available from other agencies</p> <p><input type="checkbox"/> 26% to 50% of project costs available from other agencies</p> <p><input type="checkbox"/> Up to 25% of project costs available from other agencies</p>										

**FY 2017-2021 BUILDING & SITE / VEHICLES PROJECTS
Priority Ranking Criteria**

PRIORITY SCORE = 80

RRWTF Modular Meeting Room & I.T. Center

RAW SCORE = 64

PRIMARY OBJECTIVE (60%)	Buildings and Grounds (EL 3.4) Impact = M ; Probability = M		60.00
	A	<input checked="" type="checkbox"/> H+ Project maintains or replaces existing building infrastructure to provide continuous housing of existing functions and/or to comply with employer or public safety standards.	
	B	<input type="checkbox"/> H Project enhances building infrastructure to address treatment of staff or public issues.	
	C	<input type="checkbox"/> H Project positions the District to meet projected future space needs.	
CLEANER OBJECTIVE (10%)	Positive Interaction (E 4) - Check all that apply		4.00
	<input checked="" type="checkbox"/> With the Community	<input checked="" type="checkbox"/> With other agencies	
	Good Neighbor (E 4) - Check all that apply		
	<input type="checkbox"/> Graffiti removal or Prevention Features		
	<input type="checkbox"/> Trash removal features (vortex weirs)		
	<input type="checkbox"/> Improves esthetics of project location		
GREENER OBJECTIVE (15%)	Natural Resources Sustainability (E 3.2) - Check all that apply		0.00
	<input type="checkbox"/> Air Quality & Visibility Improvement	<input type="checkbox"/> Recycled Water, rain water or gray water utilized	
	<input type="checkbox"/> Energy Efficient Features (Lighting, HVAC, maximize daylight use, etc.)	<input type="checkbox"/> Construction Site Waste Management	
	<input type="checkbox"/> Renewable Energy Use	<input type="checkbox"/> Recycle/Re-use Solid Waste	
	<input type="checkbox"/> Water Efficient Features: Plumbing fixtures, Landscaping, etc.	<input type="checkbox"/> Reduce Solid Waste Production	
		<input type="checkbox"/> Use of Recycled or Alternative Building Materials	
	Trails & Open Space (E3.3) - Check all that apply		
	<input type="checkbox"/> Trail friendly features	<input type="checkbox"/> Open Space Protection / Preservation	
	<input type="checkbox"/> Provides/Improves Bicycle Commute Route		
LEANER OBJECTIVE (15%)	Lifecycle costs are minimized - Check One		0.00
	<input type="checkbox"/> Annual cost savings of more than \$50,000		
	<input type="checkbox"/> Annual cost savings of \$10,000 to \$50,000		
	<input type="checkbox"/> Annual cost savings of less than \$10,000		
	Funding Available from Other Agencies - Check One		
<input type="checkbox"/> Over 50% of project costs available from other agencies			
<input type="checkbox"/> 26% to 50% of project costs available from other agencies			
<input type="checkbox"/> Up to 25% of project costs available from other agencies			