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APPENDIX A – PROJECT LIST BY PRIORITY

Priority	PROJECT NAME	Priority Score
1	Hampton WTP Improvements pg. 46	97
1	Chlorine Tank Replacement - ClorTec Room pg. 44	94
1	Well Rehabilitation Program (one per year) pg. 26	91
1	RRWTF Emergency Access Gate pg. 60	85
1	Well 1D Pump Conversion pg. 28	82
1	Media Replacement Filter Vessels pg. 42	82
1	Well 1D Profiling/Modifications pg. 48	82
1	Well 3 Pump Replacement/VFD pg. 50	82
1	Well 8 Pump Replacement/VFD pg. 52	82
1	RRWTF Modular Meeting Room & I.T. Center pg. 64	80
1	Fiber Optic Cable pg. 66	80
2	Service Line Replacements pg. 10	79
2	RRWTF Tanks & Vessels Recoating pg. 40	79
2	Business Center/CSDBldg. Water Main Looping pg. 34	76
2	Railroad Corridor Water Line pg. 30	74
2	Lark St. Water Main pg. 24	73
2	Emergency Generator Administration Building pg. 72	72
3	Security Infrastructure pg. 58	69
3	Cadura Circle Water Main Looping pg. 36	64
3	Mormon Church Water Main Looping pg. 38	64
3	Backyard Water Mains/Services Replacement pg. 32	63
3	Kent St. Water Main pg. 12	62
3	Truman St./Adams St. Water Main pg. 14	62
3	School/Locust/Summit Alley Water Main pg. 16	62
3	Elk Grove Blvd Grove St. Alley Water Main pg. 18	62
3	Locust StElk Grove Blvd Alley/Derr St. Water Main pg. 20	62
3	Truck Replacements pg. 56	60
4	Elk Grove Blvd Water Main pg. 22	56
4	Link Sample Pressure Stations to SCADA pg. 54	56
4	HVWTP Roof Replacement pg. 70	53
4	Well 1D Gate Improvement pg. 68	52
	District Administration Bldg. Improvements pg. 62	0

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FY 2017-21 Five-Year Capital Improvement Program

APPENDIX B - CIP PRIORITY RANKING CRITERIA SCORE SHEETS

■ FY 2017-2021 WATER SUPPLY / TREATMENT IMPROVEMENT PROJECTS

- Service Line Replacements
- o Kent St. Water Main
- o Truman St./Adams St. Water Main
- School/Locust/Summit Alley Water Main
- o Elk Grove Blvd/Grove St. Alley Water Main
- Locust St.-Elk Grove Blvd Alley/Derr St. Water Main
- o Elk Grove Blvd. Water Main
- o Lark St. Water Main
- o Well Rehabilitation Program (one per year)
- o Well 1D Pump Conversion
- o Railroad Corridor Water Line
- Backyard Water Mains/Services Replacement
- o Business Center/CSD Bldg. Water Main Looping
- o Cadura Circle Water Main Looping
- o Mormon Church Water Main Looping
- o RRWTF Tanks & Vessels Recoating
- o Media Replacement Filter Vessels
- o Chlorine Tank Replacement ClorTec Room
- o Hampton WTP Improvements
- Well 1D Profiling/Modifications
- Well 3 Pump Replacement/VFD
- o Well 8 Pump Replaceement/VFD
- Link Sample Pressure Stations to SCADA

FY 2017-2021 BUILDING & SITE IMPROVEMENT/VEHICLES PROJECTS

- o Truck Replacements
- o Security Infrastructure
- o RRWTF Emergency Access Gate
- o District Administration Bldg. Improvements
- o RRWTF Modular Meeting Room & I.T. Center
- Fiber Optic Cable
- o Well 1D Gate Improvement
- HVWTP Roof Replacement
- o Emergency Generator Administration Building

					PRIO	RITY SCO	RE =	79
Service I	Line Re	placements			F	RAW SCO	RE =	64
	Water S	Supply (E 2)		Impact =	M ; F	Probability =	Н	58.50
	A H-	Project maintains existing water utility infrastructure or is require with water quality standards or meet other regulatory requirement						
PRIMARY OBJECTIVE (75%)	в м	Project increases operation flexibility, improves maintenance ca water utility infrastructure [Example: improving the systematic reand after a devastating event; improving the systematic flexibility add redundancy so infrastructure can be taken off-line for maintenance (H, M, L)	eliability of ty of water	water utility i	infrastruc	ture to contin	nually pe	erform during
	c 🔳	Timing of when project is needed to meet water supply demands (I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long		•	ds, or oth	er regulation	s.	
, φ	Social F	Factor - Check if applicable						5.00
SOCIAL FACTORS (7.5%)		Promotes Emergency Recovery						
SOCIAL ACTOR (7.5%)	Positive	Interaction (E 4) - Check all that apply						
S F	X	With the Community	X	With other	agencies	i		
AL.	Water C	tuality (E 3.2) - Check if applicable						0.00
FACTORS (7.5%)		Promotes drinking water quality						
RONMEN ACTOR (7.5%)	Natural	Resources Sustainability (E 3.2) - Check all that apply						
7 AC		Promotes water use efficiency				ficiency or in	corpora	tes energy
EN		Promotes groundwater basin management		efficient fea	atures			
S	Lifecycl	e costs are minimized - Check One						0.00
O.R.		Annual cost savings of more than \$50,000						
CT		Annual cost savings of \$10,000 to \$50,000						
ECONOMIC FACTORS (10%)		Annual cost savings of less than \$10,000						
MIC F/ (10%)	Funding	Available from Other Agencies - Check One						
Ò		Over 50% of project costs available from other agencies						
Ö		26% to 50% of project costs available from other agencies						
Ш		Up to 25% of project costs available from other agencies						

Service Line Replacements

PRIORITY SCORE =

RAW SCORE =

75.00 <-- Totals from

100

Project Name Here

Water Supply (E 2)

Impact =

: Probability =

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		
	High	H+ 55	H- 42	M+ 30		
Impact	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.

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 due to restricted flow to customers and old infrastructure

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% - Melihood is high

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".

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.

 \square 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.

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.

score thus the point received are total the ŏ 75% This Objective counts for

WATER SUPPLY OBJECTIVE

(75% of Raw Score)

then multiplied by a factor of .75.

Kent St.	Water N	Main	RAW SCORE =	49				
	Water S	upply (E 2) Impact =	H ; Probability = H	41.25				
	A 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)						
PRIMARY OBJECTIVE (75%)	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 S Timing of when project is needed to meet water supply demands, water quality standards, or other regulation (I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))								
· ω	Social F	actor - Check if applicable		2.50				
SOCIAL FACTORS (7.5%)		Promotes Emergency Recovery						
00 CT.5	Positive	Interaction (E 4) - Check all that apply						
S F	X	With the Community With other a	agencies					
AL	Water Q	uality (E 3.2) - Check if applicable		5.63				
FACTORS (7.5%)	X	Promotes drinking water quality						
FACTORS (7.5%)	Natural F	Resources Sustainability (E 3.2) - Check all that apply						
AC (7	X	X Promotes water use efficiency						
EN		Promotes groundwater basin management efficient feat	itures					
ဟ	Lifecycle	e costs are minimized - Check One		0.00				
OR		Annual cost savings of more than \$50,000						
ĊĹ		Annual cost savings of \$10,000 to \$50,000						
ECONOMIC FACTORS (10%)		Annual cost savings of less than \$10,000						
MIC F/ (10%)	Funding	Available from Other Agencies - Check One						
Ō		Over 50% of project costs available from other agencies						
Ö		26% to 50% of project costs available from other agencies						
Щ		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.

PRIORITY SCORE =

62

Project Name Here Kent St. Water Main

PRIORITY SCORE =

RAW SCORE =

: Probability =

75.00 <-- Totals from

100

Name Here Kent St. Water Main
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		
	High	H+ 55	H- 42	M+ 30		
IIIIbacı	Med.	H- 42	M♣ 30	M- 17		
	Low	M+ 30	M- 17	L 5.5		

<u>Definition</u>: 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 =

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 #"mains are undersized for fine.

<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.

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. - Affects Scrvice Area / Greas

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.

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

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

PRIORITY SCORE =

Revised: 11/30/10

62

Truman	St./Ada	ms St. Water Main				RAW SCORE =	49	
	Water S	Supply (E 2)	I	Impact =	Н	; Probability = H	41.25	
	A M+	Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, with water quality standards or meet other regulatory requirements, including Health and Safety. (H+, H-, M+, M-, L)						
PRIMARY OBJECTIVE (75%)	в м	Project increases operation flexibility, improves maintenance capabilitie water utility infrastructure [Example: improving the systematic reliability and after a devastating event; improving the systematic flexibility of war add redundancy so infrastructure can be taken off-line for maintenance (H, M, L)	lity of wa water util	ater utility i	infras	structure to continually pe	erform during	
	c s	Timing of when project is needed to meet water supply demands, wate (I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term	r other regulations.					
, <u>ග</u>	Social F	Factor - Check if applicable					2.50	
SOCIAL FACTORS (7.5%)		Promotes Emergency Recovery						
SOCIAI ACTOR (7.5%)	Positive	e Interaction (E 4) - Check all that apply						
S T	X	With the Community	v	With other	ager	ncies		
AL	Water Q	Quality (E 3.2) - Check if applicable					5.63	
FACTORS (7.5%)	X	Promotes drinking water quality						
ACTOR (7.5%)	Natural	Resources Sustainability (E 3.2) - Check all that apply						
AC C	х	Promotes water use efficiency				gy efficiency or incorpora	tes energy	
EN T		Promotes groundwater basin management	е	efficient fea	ature	s		
S	Lifecycle	e costs are minimized - Check One					0.00	
O		Annual cost savings of more than \$50,000						
Ď		Annual cost savings of \$10,000 to \$50,000						
ECONOMIC FACTORS (10%)		Annual cost savings of less than \$10,000						
MIC F/ (10%)	Funding	Available from Other Agencies - Check One						
<u> </u>		Over 50% of project costs available from other agencies						
Ö		26% to 50% of project costs available from other agencies						
ш		Up to 25% of project costs available from other agencies						

Truman St. / Adams St. Water Main Project Name Here

PRIORITY SCORE =

RAW SCORE =

100

Water Supply (E 2) 75.00 : Probability = <-- 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

Probability

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:

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

<u>Definition:</u> 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.

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 4"mains are undersized for fire protection

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

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

score thus the point received are then multiplied by a factor of .75.

WATER SUPPLY OBJECTIVE

75% of Raw Score)

tota/

ó

75%

This Objective counts for

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. - Affects Service Area / Areas

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. H

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".

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.

PRIORITY SCORE =

Revised: 11/30/10

62

School/L	_ocust/S	Summit Alley Water Main		RAW SCORE =	49			
	Water S	Supply (E 2)	npact = H	I ; Probability = H	41.25			
	A M+	Project maintains existing water utility infrastructure or is required to meet the cu with water quality standards or meet other regulatory requirements, including He						
PRIMARY OBJECTIVE (75%)	в м	Project increases operation flexibility, improves maintenance capabilities, adds water utility infrastructure [Example: improving the systematic reliability of water and after a devastating event; improving the systematic flexibility of water utility add redundancy so infrastructure can be taken off-line for maintenance]. (H, M, L)	er utility infr	rastructure to continually pe	erform during			
	c s	C 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.))						
ຸ ທູ	Social F	Factor - Check if applicable			2.50			
SOCIAL FACTORS (7.5%)		Promotes Emergency Recovery						
SOCIAL ACTOR (7.5%)	Positive	e Interaction (E 4) - Check all that apply						
S T	X	With the Community Wit	ith other ag	jencies				
4	Water Q	Quality (E 3.2) - Check if applicable			5.63			
FACTORS (7.5%)	X	Promotes drinking water quality						
FACTORS (7.5%)	Natural	Natural Resources Sustainability (E 3.2) - Check all that apply						
ARC (7	X			ergy efficiency or incorpora	ites energy			
EN		Promotes groundwater basin management effic	ficient featu	res				
(n)	Lifecycle	e costs are minimized - Check One			0.00			
O K		Annual cost savings of more than \$50,000						
Ċ		Annual cost savings of \$10,000 to \$50,000						
ECONOMIC FACTORS (10%)		Annual cost savings of less than \$10,000						
MIC F/ (10%)	Funding	Available from Other Agencies - Check One						
Ò		Over 50% of project costs available from other agencies						
Ö		26% to 50% of project costs available from other agencies						
ш		Up to 25% of project costs available from other agencies						

Project Name Here	School 114	enct/Cumil	Allen	Water	Mach

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

High

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
Mod

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

<u>Definition:</u> 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

<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.

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 #"mains are undersized for five

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%

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

Medium - Possible 35% - 65%

Low - Unlikely or rare 0% - 35%

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:

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].

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. - Affects Service Area / areas

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.

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

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

WATER SUPPLY OBJECTIVE

75% of Raw Score)

				Р	PRIORITY SCORE =	62			
Elk Grov	/e	Blvd C	Grove St. Alley Water Main		RAW SCORE =	49			
		Water S	Supply (E 2) Impact	= H	; Probability = H	41.25			
	A	4 M+	Project maintains existing water utility infrastructure or is required to meet the currer with water quality standards or meet other regulatory requirements, including Health						
PRIMARY OBJECTIVE (75%)	В	B M	Project increases operation flexibility, improves maintenance capabilities, adds effici water utility infrastructure [Example: improving the systematic reliability of water utiliand after a devastating event; improving the systematic flexibility of water utility infra add redundancy so infrastructure can be taken off-line for maintenance]. (H, M, L)	lity infra	rastructure to continually pe	erform during			
	С	C 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.))							
. 0		Social F	Factor - Check if applicable			2.50			
SOCIAL FACTORS (7.5%)			Promotes Emergency Recovery						
000		Positive	Interaction (E 4) - Check all that apply						
S A A		Х	With the Community With oth	ner ag	encies				
AF.	F	Water Q	tuality (E 3.2) - Check if applicable			5.63			
FACTORS (7.5%)		X	Promotes drinking water quality						
ACTOR (7.5%)		Natural F	Resources Sustainability (E 3.2) - Check all that apply						
AC (7		X	· · · · · · · · · · · · · · · · · · ·		ergy efficiency or incorpora	ites energy			
EN	L		Promotes groundwater basin management efficient	featur	res				
S	Ē	Lifecycle	e costs are minimized - Check One			0.00			
S S			Annual cost savings of more than \$50,000						
Ċ			Annual cost savings of \$10,000 to \$50,000						
ECONOMIC FACTORS (10%)			Annual cost savings of less than \$10,000						
MIC F/ (10%)		Funding	Available from Other Agencles - Check One						
Ō			Over 50% of project costs available from other agencies						
Ö			26% to 50% of project costs available from other agencies						
Щ			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.

riority Ranking Criteria

Project Name Here EIK Grove Blad Grove St. Alley Water Man

PRIORITY SCORE = RAW SCORE =

: Probability =

100

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

Water Supply (E 2)

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:

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-	rob	ah.	ш	١.
_	UU	av	181	w

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

<u>Definition:</u> 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 garains are undersized for five profection.

<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.

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".

<u>Definition:</u>

score thus the point received are then multiplied by a factor of .75.

WATER SUPPLY OBJECTIVE

75% of Raw Score)

tota/

ó

75%

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. - Affects Service Area / greas

<u>Low</u> (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.

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

PRIORITY SCORE =

Revised: 11/30/10

62

Locust St.-Elk Grove Blvd Alley/Derr St. Water Main RAW SCORE = 49 41.25 Water Supply (E 2) Impact = ; Probability = H 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) **DBJECTIVE** PRIMARY Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post-disaster reliability of (75%) 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]. 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 Factor - Check if applicable 2.50 -ACTORS SOCIAL Promotes Emergency Recovery Positive Interaction (E 4) - Check all that apply Х With the Community With other agencies Water Quality (E 3.2) - Check if applicable 5.63 ENVIRONMENTAL **FACTORS** Promotes drinking water quality (7.5%) Natural Resources Sustainability (E 3.2) - Check all that apply Х Promotes water use efficiency $|\mathsf{x}|$ Promotes energy efficiency or incorporates energy efficient features Promotes groundwater basin management 0.00 Lifecycle costs are minimized - Check One **ECONOMIC FACTORS** Annual cost savings of more than \$50,000 Annual cost savings of \$10,000 to \$50,000 Annual cost savings of less than \$10,000 Funding Available from Other Agencies - Check One Over 50% of project costs available from other agencies 26% to 50% of project costs available from other agencies Up to 25% of project costs available from other agencies

PRIORITY SCORE = Project Name Here Locust St. - Elk Grove Blud Alky Derrst. Main RAW SCORE = 100 Water Supply (E 2) 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: <u>Definition:</u> Project maintains existing water utility infrastructure or is required to meet the Probability current and future water supply demand, comply with water quality standards or meet other High Med. Low regulatory requirements, including Health and Safety. score thus the point received are then multiplied by a factor of .75. 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 ₽ H+ H-M+ redundancy or backup, or does not meet regulatory requirements. 42 30 55 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 4"mains are undersized for fire protection Low - Without the project, the District can continue meeting current or future demand and/or Impact water quality standards or regulations. However, the system will advance to a higher state of risk, M+ Med. H-Mor the project is related to a backup system. 42 17 Probability of impact occurring: High - Likely to almost certain 65% - 100% WATER SUPPLY OBJECTIVE Medium - Possible 35% - 65% -M+ M-L ě 30 17 5.5 Low - Unlikely or rare 0% - 35% (75% of Raw Score) 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". Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post disaster reliability of total 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]. ð Effect of Project Impact: High (H) - Provides benefits for more than 30,000 customers. This Objective counts for Medlum (M) - Provides benefits for 10,000 to 30,000 customers. - Affects Service Area / Area s Low (L) - Provides benefits for less than 10,000 customers. Н 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 lighest possible points are 25 points, with 25 points for "Immediate", 14 points for "Short-Term" and 2.5 points for "Long-Term". Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. 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. 🔟

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

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

				RIURITT SCORE -	50
Elk Grov	e Blvd.	Water Main		RAW SCORE =	45
	Water S	Supply (E 2) Impact	= M	; Probability = M	34.50
	A M+	Project maintains existing water utility infrastructure or is required to meet the currer with water quality standards or meet other regulatory requirements, including Health			
PRIMARY OBJECTIVE (75%)	В	Project increases operation flexibility, improves maintenance capabilities, adds effici water utility infrastructure [Example: improving the systematic reliability of water utility and after a devastating event; improving the systematic flexibility of water utility infra add redundancy so infrastructure can be taken off-line for maintenance]. (H, M, L)	ity infra	astructure to continually (perform during
	c s	Timing of when project is needed to meet water supply demands, water quality stand (I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))	, abret	or other regulations.	
ຸ ທູ	Social F	Factor - Check if applicable			5.00
SOCIAL FACTORS (7.5%)		Promotes Emergency Recovery			
00 CT (7.5)	Positive	Interaction (E 4) - Check all that apply			
S 7	X	With the Community X With oth	ner age	encies	
귤	Water C	Quality (E 3.2) - Check if applicable			5.63
FACTORS (7.5%)	X	Promotes drinking water quality			
FACTORS (7.5%)	Natural	Resources Sustainability (E 3.2) - Check all that apply			
AC (7	X			rgy efficiency or incorpor	rates energy
EN		Promotes groundwater basin management efficient	featur	es	
S	Lifecycl	e costs are minimized - Check One			0.00
OR		Annual cost savings of more than \$50,000			
CT		Annual cost savings of \$10,000 to \$50,000			
ECONOMIC FACTORS (10%)		Annual cost savings of less than \$10,000			
MIC F/ (10%)	Funding	Available from Other Agencies - Check One			
Q		Over 50% of project costs available from other agencies			
Ö		26% to 50% of project costs available from other agencies			
й		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.

DDIODITY SCORE -

EC

PRIORITY SCORE = Project Name Here Elk Grive Blvd. Main RAW SCORE = 100 Water Supply (E 2) 75.00 - Totals from : Probability = Impact = 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 fallure 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: <u>Definition:</u> Project maintains existing water utility infrastructure or is required to meet the Probability current and future water supply demand, comply with water quality standards or meet other regulatory requirements, including Health and Safety. Hìah Med. Low Impact: score thus the point received are then multiplied by a factor of .75. 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 H+ H-M+ redundancy or backup, or does not meet regulatory requirements. 55 42 30 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 merters in backyard are processed to the area of the sylvar and the area of the sylvar and the area of the sylvar and the sylvar area. 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 M+ M-Med. Hor the project is related to a backup system. 30 17 42 Probability of Impact occurring: High - Likely to almost certain 65% - 100% WATER SUPPLY OBJECTIVE Medium - Possible 35% - 65% M+ Š M-L 30 17 5.5 Low - Unlikely or rare 0% - 35% (75% of Raw Score) 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 tota/ 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 the infrastructure can be taken off-line for maintenance). 5 Effect of Project Impact: 75% High (H) - Provides benefits for more than 30,000 customers. This Objective counts for Medlum (M) - Provides benefits for 10,000 to 30,000 customers. Low (L) - Provides benefits for less than 10,000 customers. - (us thousand on south side EGBIVE. between 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 -lighest possible points are 25 points, with 25 points for "Immediate", 14 points for "Short-Term" and 2.5 points for "Long-Term". Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. 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. _ong-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.

			PRIORITY SCORE =	73						
Lark St.	Water N	<i>l</i> lain	RAW SCORE =	58						
	Water S	Supply (E 2) Impac	ct = H ; Probability = H	50.25						
	A H-	Project maintains existing water utility infrastructure or is required to meet the curre with water quality standards or meet other regulatory requirements, including Healt		d, comply						
PRIMARY OBJECTIVE (75%)	в М	Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post-disaster rel water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually performed after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source add redundancy so infrastructure can be taken off-line for maintenance]. (H, M, L)								
	c s	Timing of when project is needed to meet water supply demands, water quality star (I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))	indards, or other regulations.							
ιχ	Social F	actor - Check if applicable		2.50						
SOCIAL FACTORS (7.5%)		Promotes Emergency Recovery								
00 (7.5	Positive	Interaction (E 4) - Check all that apply								
S A	X	With the Community With a	other agencies							
¥	Water Q	tuality (E 3.2) - Check if applicable		5.63						
FACTORS (7.5%)	X	Promotes drinking water quality								
RONMEN ACTOR (7.5%)	Natural	Resources Sustainability (E 3.2) - Check all that apply								
JIRC TAC	X		otes energy efficiency or incorporate	les energy						
EN		Promotes groundwater basin management efficient	nt features							
Ø	Lifecycle	e costs are minimized - Check One		0.00						
OR		Annual cost savings of more than \$50,000								
L)		Annual cost savings of \$10,000 to \$50,000								
ECONOMIC FACTORS (10%)		Annual cost savings of less than \$10,000								
MIC F/ (10%)	Funding	Available from Other Agencies - Check One								
Õ		Over 50% of project costs available from other agencies								
Ö		26% to 50% of project costs available from other agencies								
ш		Up to 25% of project costs available from other agencies								

Project Name Here Lark St. Water Main

PRIORITY SCORE =

RAW SCORE =

100

	1.A: Protect ssible value ow:			ts 5 points for "hlgh", 30 points for "medium" and 5.5 points for "low". The intermediate scores are								
	P High	Probabilit Med.	y Low	<u>Definition:</u> 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.								
High	H+ 55	42	M+ 30	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								
Impact Med.	H- 42	M+ 30	M- 17	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:								
Low	M+ 30	M- 17	L 5.5	High — Likely to almost certain 65% — 100% Medium — Possible 35% — 65% Low — Unlikely or rare 0% — 35%								
	B: Improv	ving Exis	ting Asse	ng for the project as it pertains to Criterion A and then enter it in the box provided. ts 20 points for "hlgh", 11 points for "medium" and 2 points for "low".								
Definition Project inc water utili a devastat infrastructu	treases oper by Infrastrum ng event; im re can be ta	eration flo icture [Ex: nproving to aken off-lin	exibility, i ample: im he system ne for malr	mproves maintenance capabilities, adds efficiency, or improves post disaster reliability of proving the systematic reliability of water utility infrastructure to continually perform during and after atic flexibility of water utility infrastructure to utilize various source water; or add redundancy so								
<u>High</u> (H) –	Medium (M) – Provides benefits for 10,000 to 30,000 customers. Affects Service Area / Low (L) – Provides benefits for less than 10,000 customers.											
<u>High</u> (H) — <u>Medium</u> (N	TOVIDES DE											
High (H) — Medium (N Low (L) — I H	Determine	t Urgency	· y	ng for the project as it pertains to Criterion B and then enter it in the box provided.								
High (H) — Medium (N Low (L) — I H	Determine C: Projec ssible points	t Urgency	· y	ng for the project as it pertains to Criterion B and then enter it in the box provided. 25 points for "Immediate", 14 points for "Short-Term" and 2.5 points for "Long-Term".								

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

				PRIORITY SCORE =	91						
Well Rel	ha	abilitati	on Program (one per year)	RAW SCORE =	73						
		Water S	upply (E 2) Impact =	H; Probability = H	68.25						
	A	H+	Project maintains existing water utility infrastructure or is required to meet the current with water quality standards or meet other regulatory requirements, including Health a		nd, comply						
PRIMARY OBJECTIVE (75%)	В	B M	Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post-disaster material utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually per and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source add redundancy so infrastructure can be taken off-line for maintenance]. (H, M, L)								
	С		Timing of when project is needed to meet water supply demands, water quality stands (I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))	ards, or other regulations.							
. v		Social Fa	actor - Check if applicable		2.50						
SOCIAL FACTORS (7.5%)			Promotes Emergency Recovery								
00 (7.5	Г	Positive	Interaction (E 4) - Check all that apply								
S A T		X	With the Community With other	er agencies	_						
AL	Γ	Water Q	uality (E 3.2) - Check if applicable		1.88						
ENVIRONMENTAL FACTORS (7.5%)		X	Promotes drinking water quality								
ACTOR (7.5%)		Natural F	Resources Sustainability (E 3.2) - Check all that apply								
JRC 7				s energy efficiency or incorpora	tes energy						
EN			Promotes groundwater basin management efficient f	eatures							
ဟ		Lifecycle	e costs are minimized - Check One		0.00						
OR			Annual cost savings of more than \$50,000								
L)			Annual cost savings of \$10,000 to \$50,000								
ECONOMIC FACTORS (10%)			Annual cost savings of less than \$10,000								
MIC F/ (10%)		Funding	Available from Other Agencies - Check One								
Ō			Over 50% of project costs available from other agencies								
Ö			26% to 50% of project costs available from other agencies								
й			Up to 25% of project costs available from other agencies								

					2 /	1	0	PRIORITY SCORE =				
Project N	lam	е Не	re	Well	Keh	40	Program	RAW SCORE =	100			
	1		ipply (E 2)					Impact = ; Probability =	75.00 < Totals	fro		
	mea	ns the p		l repair or i	replace sy			e water utility business. "Sustain the water utility i isting demand or water quality standards and whic				
	High						for "high", 30 points for "mediu	m" and 5.5 points for "low". The intermediate scor	es are			
			P High	robability Med.	Low	сипте		ing water utility infrastructure or is required to mo mand, comply with water quality standards or me Health and Safety.				
by a factor of .75.		Hgh	± \$5	H- 42	M+ 30	and/o	Without the project, the Dist or water quality standards becan ndancy or backup, or does not man fan producth um - Without the project, the I	rict likely can not meet normal current or future datase the water utility infrastructure is in poor conditionable to the water utility infrastructure is in poor conditional water guely (couple) District likely can continue meeting current or future will be operating at a higher level of risk, potential ckup	tion, lacks by important ican w/c DPH re e demands	4		
n multiplied	Impact	Med.	H- 42	M+ 30	M- 17	wate or the	r quality standards or regulatio e project is related to a backup	•				
ECTIVE e) received are the		Low	M+ 30	M- 17	L 5.5	<u>High</u>	- Likely to almost certain 65% - Likely to almost certain 65% - Possible 35% - 65% - Unlikely or rare 0% - 35%	-100% - Prod. of water que will decline who	rehabs.			
WATER SUPPLY OBJECTIVE (75% of Raw Score) s for 75% of the total score thus the point received are then multiplied by a factor of .75.	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".											
WATER (75° (75° the total score	Defi Proj wat a de	dighest 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].										
75% of			roject Imp Provides b		more than	30,000	customers.					
s for	Med	ium (M) – Provide	s benefits	for 10,000	to 30,0	000 customers. 👉 🖊	Rects Service Area I custo	mers.			
This Objective counts	Low	(L) – F	rovides be	enefits for l	ess than 1	0,000 с	ustomers.					
Objecti		H	Determin	e the appr	opriale ral	ing for l	he project as it pertains to Crit	erion B and then enter it in the box provided.				
This (C; Proje ssible poin			25 poir	nts for "Immediate", 14 points f	or "Short-Term" and 2.5 points for "Long-Term",				
		inition ing of		ject Is nee	eded to m	eet wat	er supply demands, water q	uality standards, or other regulations.				
			gency: Need (I) –	Project is	needed to	meet c	urrent demands or regulations	within the next three (3) years.	ŀ			
	Sho	ort-Terr	n Need (S)	- Project	is needed	lo meet	demands or regulations within	the next three to five (3 - 5) years.				
	Lor	ng-Term	Need (L)	– Project is	s needed t	o meet	demands beyond the next five	(5) years.				
		1	Determin	ne the app	ropriate ra	ling for	the project as it pertains to Crit	terion C and then enter it in the box provided.				

Well 1D	Pun	тр С	onversion		_	F	RAW SC	ORE =	65	
	Wa	iter Si	upply (E 2)	Impac	t =	1 ; P	robability =	М	58.50	
	Project maintains existing water utility infrastructure or is required to meet the current and future water supply dem with water quality standards or meet other regulatory requirements, including Health and Safety. (H+, H-, M+, M-, IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII									
PRIMARY OBJECTIVE (75%)										
4,115	c [Ц	Timing of when project is needed to meet water supply demands, water quality (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+	-	ndards	s, or oth	er regulatio	ons.		
. ഗു	So	cial Fa	actor - Check if applicable						5.00	
SOCIAL FACTORS (7.5%)			Promotes Emergency Recovery							
SOCIAL ACTOR (7.5%)	Pos	sitive	Interaction (E 4) - Check all that apply							
8 7		X	With the Community	With o	ther a	gencies				
AL.	Wa	ter Qı	uality (E 3.2) - Check if applicable						1.88	
FACTORS (7.5%)		Х	Promotes drinking water quality							
FACTORS (7.5%)	Nat	ural F	Resources Sustainability (E 3.2) - Check all that apply							
AC (7			Promotes water use efficiency				ficiency or i	incorpora	ates energy	
EN			Promotes groundwater basin management	efficie	nt feat	ures				
ဟ	Llfe	cycle	costs are minimized - Check One						0.00	
NO			Annual cost savings of more than \$50,000							
CT			Annual cost savings of \$10,000 to \$50,000							
F.A %)			Annual cost savings of less than \$10,000							
MIC F/ (10%)	Fur	nding	Available from Other Agencies - Check One							
<u> </u>			Over 50% of project costs available from other agencies							
ECONOMIC FACTORS (10%)			26% to 50% of project costs available from other agencies							
Щ			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.

PRIORITY SCORE =

82

Project I	Vlam	a H	ore /	ו נומ	D 2.	PRIORITY SCORE = RAW SCORE = 100				
riojecti	_		upply (E 2		14		Totals froi			
	Wat	er Sup ns the	ply capital p	projects ar Il repair or	replace sy	ted according to their ability to sustain the water utility business. "Sustain the water utility business" system components required to meet existing demand or water quality standards and which have a	Totals IIO			
	High					iets 55 points for "high", 30 points for "medium" and 5.5 points for "low". The intermediate scores are				
			F High	Probability	y Low	<u>Definition:</u> 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.				
a factor of .75.		High	H+ 2085	H- 42	M+ 30	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. **DEPH no longer of the Standards of the	to teas			
n multiplied by	Impact	Med.		M+ 30	M- 17	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.	ont line			
WATER SUPPLY OBJECTIVE (75% of Raw Score) for 75% of the total score thus the point received are then multiplied by a factor of .75.		Low	M+ 30	M- 17	L 5.5	Probability of impact occurring: High - Likely to almost certain 65% - 100% Medium - Possible 35% - 65% Low - Unlikely or rare 0% - 35% Aften up and therefore 1	·3 NOT			
ER SUPPLY OBJEC (75% of Raw Score) ore thus the point re	Cr	H+ iterion				ating for the project as it pertains to Criterion A and then enter it in the box provided.				
WATER SI (75% of the total score th	Criterion 8: 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 b	enefits for		on 30,000 customers. After the Service Area 1 customers.				
This Objective counts	Low	(L) – F	Provides be	nefits for I	ess than 1	10,000 customers.				
Objectiv		Н	Determin	e the appr	opriate rat	ating for the project as it pertains to Criterion B and then enter it in the box provided.				
This			<u>1 C;</u> Projec ssible point			th 25 points for "Immediate", 14 points for "Short-Term" and 2.5 points for "Long-Term".				
		inition ing of	_	ect is nee	eded to me	neet water supply demands, water quality standards, or other regulations.				
	lmn	nediale		_		to meet current demands or regulations within the next three (3) years.				
1	Sho	rt-Tern	n Need (S)	– Project	is needed	d to meet demands or regulations within the next three to five (3 - 5) years.				
	Lon	g-Tem		-		to meet demands beyond the next five (5) years.				

				F	'RIO	RITY SC	ORE =	74				
Railroad	C	;orrido	or Water Line		F	RAW SC	ORE =	59				
		Water S	Supply (E 2) Impac	act = M	; F	Probability	= H	50.25				
219	A	H-	Project maintains existing water utility infrastructure or is required to meet the curre with water quality standards or meet other regulatory requirements, including Healt									
PRIMARY OBJECTIVE (75%)	В	М	Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post-disaster rewater utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually performed and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source add redundancy so infrastructure can be taken off-line for maintenance]. (H, M, L)									
	С	(I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))										
, g		Social F	actor - Check if applicable					5.00				
SOCIAL FACTORS (7.5%)			Promotes Emergency Recovery									
OC (7.5		Positive	Interaction (E 4) - Check all that apply									
S		X	With the Community X With c	other ag	encies	s						
甘		Water Q	tuality (E 3.2) - Check if applicable					3.75				
FACTORS (7.5%)		X	Promotes drinking water quality									
ACTOR (7.5%)		Natural F	Resources Sustainability (E 3.2) - Check all that apply									
JRG (7						fficiency or	incorpore	ates energy				
EN	L		Promotes groundwater basin management efficient	ent featu	res							
S	Ē	Lifecycle	e costs are minimized - Check One				-	0.00				
O. S.			Annual cost savings of more than \$50,000									
Į,			Annual cost savings of \$10,000 to \$50,000									
ECONOMIC FACTORS (10%)			Annual cost savings of less than \$10,000									
MIC F/ (10%)		Funding	Available from Other Agencies - Check One									
Ō			Over 50% of project costs available from other agencies									
Ō			26% to 50% of project costs available from other agencies									
Ш	1		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.

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nean	s the	projects will	l repair or	replace sy		-	•									•			
_		_	•			W					455			71. 1.1.	P .			1	
			is 55 poil	nts, with 5	b points to	or "nigh", 30) boin	its to	r meai	um and	a 5.5 p	oints to	or "low".	i ne intei	mediate	score	s are		
					curren	t and future	e wat	er su	apply d	emand,	compl	ly with			-				
		mgii	Wed.	LOW			emen	its, iii	Cluuin	g nearu	n anu o	salety.							
	High	H+ 55	H- 42	M+ 30	High - and/or	Without the	lity sta	anda	ırds bed	cause th	he wate	er utillty	/ infrastr	ucture is			-		
					and/or	water qual	lity sta	anda	rds, bu	t will be	opera	ting at	a higher	level of	isk, pote	ntially	relying o	n	ia ia
Impact	Med.	H- 42	M+ 30	M- 17	Low - water	Without the quality stan	e proj ndards	s or r	the Dis regulati	trict car ons. Ho	n contin owever,	nue me	eting cui	tent or fu	iture der	mand	and/or	19	EGW Ho.
_					Proba	bility of in	npact	t occ	urring	L								'	
					<u>High</u> –	Likely to a	ilmosi	t cert	tain 65	% <u>– 1</u> 00)% -							1	
		l l	M		Medlu	<u>m</u> – Possib	le 35'	% - (65%									1	
	Lo	30	17	5.5	Low -	Unlikely or	rare	0% -	- 35%									1	
																		1	
E	H+	Determine	the appr	Iopriate rat	l ing for the	project as	it per	rtains	s to Cri	erion A	and th	nen ente	er it in th	e box pro	ovided.			1	
Crit	erion	B: Improv	ving Exis	ting Asse	ts				_			_						=	
lighe	st pos	sible points	s are 20 p	oints, with	20 points	for "high",	11 pc	oints	for "me	edium" a	and 2 p	points fo	or "low".						
Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post disaster reliability of vater 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																			
ffec	t of P	roject Impa	act:																
_														-	7				
Mediu	ım (M) – Provide	s benefits	for 10,00	0 to 30,00	0 customer	rs. 🛩		1	pue	15	Ser	nce	Are	a / ;	Dr, b	nerily	¢.	
<u>ow</u> (L) – F	Provides be	nefits for l	ess than '	10,000 cus	stomers.													
1	Н	Determine	e the appr	opriate ra	ting for the	e project as	s it pe	rtain	s to Cri	terion E	3 and th	hen ent	ter it in th	e box pr	ovided.				
	_		•	-				н		y u.e.								=	
Highe	est po	ssible point	s are 25 p	ooints, with	n 25 points	s for "Imme	diale'	r, 14	points	tor "Sh	ort-Ten	m ⁻ and	2.5 pol n	is for "Lo	ng-Tern	n" _{es}			
		•	ect is nee	eded to m	eet water	supply de	aman	ıds, \	water	_l uality	standa	ards, o	r other r	egulatio	ns.				
			Project is	needed to	meet cur	rent demar	nds oi	r regi	ulations	s within	the ne	xl three	e (3) yea	rs.					
Shor	t-Tem	Need (S)	– Projecl	ls needed	to meet d	emands or	regu	lation	ns with	n the n	ext thre	ee to fiv	/e (3 - 5)	years.					
Long	-Terr	<u>Need</u> (L) -	- Project i	s needed	to meet de	emands be	yond	the r	next flv	e (5) ye	ars.								
		Determin	e the app	ropriate ra	iting for th	e project as	s it pe	ertain	ns to Cr	iterion (C and t	then en	iter it in t	he box p	ovided.				
	Water near need to nee	Water Supplements the product of Policet Unimediate Short-Term	Water Supply (E 2) Water Supply apital preans the projects will needlum or high probable. Criterion A: Protectighest possible value shown below: High H+ 55 W A Determine Criterion B: Improvide possible point of possible p	Water Supply (E 2) Water Supply capital projects an means the projects will repair or nedium or high probability of fall Criterion A: Protecting Existighest possible value is 55 pointhown below: Probability High Med. H+ H- H- 55 42 M+ 30 M+ M- 30 M+ M- 30 M- M- 17 Determine the approving Existighest possible points are 20 points are 20 points are 20 points are 20 point increases operation fluster utility infrastructure [Existighest possible points are 20 points ar	Water Supply (E 2) Water Supply capital projects are prioritize neans the projects will repair or replace synedium or high probability of failure Criterion A: Protecting Existing Assetighest possible value is 55 points, with 5 shown below: Probability High Med. Low H+ H- M+ M- 17 55 42 30 M+ M- 17 Determine the appropriate rate of the project increases operation flexibility, in a devastating event; improving the system of astructure can be taken off-line for main and the project increases operation flexibility, in a devastating event; improving the system of astructure can be taken off-line for main and the project increases operation flexibility, in a devastating event; improving the system of a devastating event; improvin	Water Supply (E 2) Vater Supply capital projects are prioritized accordineans the projects will repair or replace system connectium or high probability of fallure Criterion A: Protecting Existing Assets dighest possible value is 55 points, with 55 points for thown below: Probability Pro	Water Supply (E 2) Vater Supply capital projects are prioritized according to their ineans the projects will repair or replace system components renedium or high probability of failure Criterion A: Protecting Existing Assets (lighest possible value is 55 points, with 55 points for "high", 30 hown below: Probability Probability of integration or the project is needed to meet demands be considered to meet deman	Water Supply (E 2) Vater Supply capital projects are prioritized according to their ability neans the projects will repair or replace system components require neadum or high probability of failure Criterion A: Protecting Existing Assets dighest possible value is 55 points, with 55 points for "high", 30 point hown below: Probability Probability of impact and/or water quality st redundancy or backup water quality standard or the project is realed expension or a structure water project Urgency water water water water supply demare water water water water project Urgency: Project Urgency: Project Urgency: Project Urgency: Project Urgency: Project Is needed to meet demands or regulation.	Vater Supply (E 2) Vater Supply capital projects are prioritized according to their ability to seems the projects will repair or replace system components required to needium or high probability of failure Criterion A: Protecting Existing Assets itighest possible value is 55 points, with 55 points for "high", 30 points for hown below: Probability High Med. Low Probability High Med. Low Probability High Med. Low Probability High Without the project, and/or water quality standar redundancy or backup, or or the project is related to a manual operation or an exist of the components of the project is related to a manual operation or an exist of the components of the project is related to a manual operation or an exist of the project is related to a manual operation or an exist of the project is related to a manual operation or an exist of the project is related to a manual operation or an exist of the project is related to a manual operation or an exist of the project is related to a probability of impact occurrence with the project is related to a probability of impact occurrence with the project is related to a probability of impact occurrence with the project is related to a probability of impact occurrence with the project is related to a probability of impact occurrence with the project is related to a project increases operation flexibility, improves maintenance capa vater utility infrastructure (Example: Improving the systematic reliability of evaluations in the project increases operation flexibility, improves maintenance capa vater utility infrastructure can be taken off-line for maintenance). Criterion C: Project Impact: dight (H) — Provides benefits for more than 30,000 customers. Medium (M) — Provides benefits for less than 10,000 customers. Medium (M) — Provides benefits for less than 10,000 customers. Project Urgency: Immediate Need (I) — Project is needed to meet demands or regulation. Long-Term Need (S) — Project is needed to meet demands or regulation.	Vater Supply (E 2) Vater Supply capital projects are prioritized according to their ability to sustain the nears the projects will repair or replace system components required to meet enedium or high probability of failure Criterion A: Protecting Existing Assets fighest possible value is 55 points, with 55 points for "high", 30 points for "medihown below: Probability High Med. Low Probability High Without the project, the Disandfor water quality standards becardundary or backup, or does not regulatory requirements, including impacts. Impacts Without the project, the Disandfor water quality standards becardundary or backup, or does not water quality standards becardundary or backup, or does not water quality standards, but and/or water quality standards becardundary or backup, or does not be reduced to a backup. Without the project, the Disandfor water quality standards becardundary or backup, or does not be reduced to a backup. Without the project, the Disandfor water quality standards becardundary or backup, or does not the project in the project, the Disandfor water quality standards becardundary or backup, or does not the project in the project, the Disandfor water quality standards becardured to the project in the project, the Disandfor water quality standards becardured to the project in the project, the Disandfor water quality standards becardured to the project in the project, the Disandfor water quality standards becardured to the project as it pertains to Criterion B: Improving Existing Assets ighest possible points are 20 points, with 20 points for "high", 11 points for "mediating in the project increases operation flexibility, improves maintenance capabilities, and existence of the project improving the systematic reliability of water utility infrastructure (Example: Improving the systematic reliability of water utility infrastructure (Example: Improving the systematic reliability of water utility infrastructure (Example: Improving the systematic reliability of water utility infrastructure	Vater Supply (E 2) Vater Supply capital projects are prioritized according to their ability to sustain the water such projects will repair or replace system components required to meet existing needs the project will repair or replace system components required to meet existing needs the project will repair or replace system components required to meet existing needs on the project will be project the project that the water supply demand, regulatory requirements, including fleat in the project of the project that plant is and/or water quality standards because it redundancy or backup, or does not meet the project of the project, the District law and/or water quality standards by the project, the District law and/or water quality standards by the project, the District can water quality standards by the project, the District can water quality standards or regulations. He or the project is related to a backup system and project is related to a backup system and project is related to a backup system component of the project is related to a backup system component in the project is related to a backup system component in the project is related to a backup system component in the project is related to a backup system component in the project is related to a backup system in the project increases operation flexibility, improves maintenance capabilities, adds acter utility infrastructure (Example: Improving the systematic reliability of water utility infrastructure to a devastaling event; improving the systematic flexibility of water utility infrastructure to a taken off-line for more than 30,000 customers. **Medium** (M) — Provides benefits for more than 30,000 customers. **Medium** (M) — Provides benefits for loose than 10,000 customers. **Medium** (M) — Provides benefits for loose than 10,000 customers. **Medium** (M) — Provides benefits for loose than 10,000 customers. **Medium** (M) — Provides benefits for loose than 10,000 customers. **Medium** (M) — Provides benefits for loose than 10,000 customers. **Me	Water Supply (E 2) Vater Supply capital projects are prioritized according to their ability to sustain the water utility nears the projects will repair or replace system components required to meet existing deman recition of high probability of failure Criterion A: Protecting Existing Assets tighest possible value is 55 points, with 55 points for "high", 30 points for "medium" and 5.5 phown below: Probability High Med. Low Probability Project maintaine existing water util current and future water supply demand, compregulatory requirements, including health and 3 manual operation or an existing backup or does not meet regular water utility of water quality standards because the water dundancy or backup, or does not meet regular water utility standards to requilations. However or the project, the District likely can anchor water quality standards or requilations. However or the project in project, the District likely can anchor water quality standards or requilations. However or the project in project, the District likely can anchor water quality standards or requilations. However or the project in project, the District can contil water quality standards or requilations. However or the project in project, the District can contil water quality standards or requilations. However or the project in project, the District can contil water quality standards or requilations. However or the project in project i	Water Supply (E 2) Impact = Vater Supply capital projects are prioritized according to their ability to sustain the water utility busine nears the projects will repair or replace system components required to meet existing demand or we need um or high probability of failure Critarion A: Protecting Existing Assets (ighest possible value is 55 points, with 55 points for "high", 30 points for "medium" and 5.5 points for whigh", 30 points for "medium" and 5.5 points for whigh", 30 points for "medium" and 5.5 points for whigh", 30 points for "medium" and 5.5 points for whigh", 30 points for "medium" and 5.5 points for whigh", 30 points for "medium" and 5.5 points for whigh", 30 points for "medium" and 5.5 points for whigh", 30 points for "medium" and 5.5 points for whigh", 30 points for "medium" and 5.5 points for whigh", 30 points for "medium" and 5.5 points for whigh "meast thing because the water utility for current and future water supply demand, comply with repair to project, the District likely can on the analysis of the project that the project, the District likely can be analysis of which we are quality standards because the water utility for water quality standards, but will be operating at manual operation or an existing beckup 76.1 g project will be project. The District likely can be for the project is related to a backup system. Probability of impact occurrings: High – Likely to almost certain 65% – 100% Madium – Possible 35% – 66% Low – Unlikely or rare 0% – 35% Medium – Possible points for "medium" and 2 points for "high", 11 points for "medium" and 2 points for standard the project in pact is developed by the project in pact is packed to meet demands or regulations within the next three is finance. The project	water Supply (E 2) Water Supply posible projects are prioritized according to their ability to sustain the water utility business, when projects will repair or replace system components required to meet existing demand or water qualited under high probability of failure Critarion A: Protecting Existing Assets (ighest possible value is 55 points, with 55 points for "high", 30 points for "medium" and 5.5 points for "low". Probability Probability of improve an existing backup 71, 2 points, with 20 points, with 20 points, with 20 points for "high", 11 points for "medium" and 2 points for "low". Probability of impact occurring: High – Likely to almost certain 65% – 100% Medium – Possible 35% – 66% Low – Unlikely or arre 0% – 35% Probability of impact occurring: High – Likely to almost certain 65% – 100% Medium – Possible 35% – 66% Low – Unlikely or rare 0% – 35% Probability of impact occurring: High – Likely to almost certain 65% – 100% Medium – Possible 35% – 66% Low – Unlikely or water utility infrastructure located value of the project in proving the systematic fieldbility of water utility infrastructure to condeversation flexibility, improves maintenance capabilities, adds efficiency, or improvater utility infrastructure (Deample: Improving the systematic fieldbility of water utility infrastructure to condeversation flexibility of w	Water Supply (E.2) Water Supply (E.2) Water Supply (E.2) Impact = Probability of replace system components required to meet existing demand or water quality standared means the projects will repair or replace system components required to meet existing demand or water quality standared means the projects will repair or replace system components required to meet existing demand or water quality standared means the project by frainty. 30 points for "medium" and 5.5 points for "low". The interhown below: Probability High Med. Low Probability High Med. Low Probability High Med. Low Propert melintains existing water utility infrastructure or is no component or requirements, fuculing Health and Safety. Immact: High Without the project, the District likely can not meet normal current and future water quality standards because the water utility infrastructure is redundancy or backup, or does not meet regulatory requirements. Wedium Without the project, the District likely can not meet normal current and future water quality standards, but will be operating at a higher level of manual operation or an existing backup Tris, p. p. in the future of the project is related to a backup system. Probability of impact occurring: High Likely to almost certain 65% – 100% Madum – Possible 35% – 65% Low – Unlikely or rare 0% – 35% Madum – Possible 35% – 65% Low – Unlikely or rare 0% – 35% Madum – Possible 35% – 65% Low – Unlikely or rare 0% – 35% The provides benefits for for meaning for the project as it pertains to Criterion A and then enter it in the box provides the operation flexibility, improves maintenance capabilities, adds efficiency, or improves post active utility infrastructure to utilize various source water, or firstructure can be taken off-line for maintenance). The 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 provides benefits for less than 10,000 customers. Determine the approp	water Supply (E. 2) Water Sup	Water Supply (E. 2) Water Supply (E. 2) Water Supply (E. 2) Water Supply (E. 2) Water Supply capital projects are prioritized according to their ability to sustain the water utility business. "Sustain the water utility in the water utility of the water utility of the water utility of the water utility in the water quality standards and which water water water water water to the water and the water utility infrastructure or is required to machine water and the water quality standards or mee regulator or backers. Probability High Med. Low Datification Project maintains existing water utility infrastructure or is required to machine water supply demand, comply with water quality standards or mee regulator or backers, or does not meet regulator requirements. Including Health and Sefety. High High Med. Low Datification Project maintains existing water utility infrastructure or is required to machine water audity standards or meet and future water audity standards or set on times regulator requirements. Including Health and Sefety. High High Med. Low Datification Project High Datification Project High Datification High High	The Here Mark Concider Water Canadar Water Canadar Probability Probability Taylor Probability Probability Catadar Protecting Existing Assets Probability P	## Probability Probability

			1	PRIORITY SCORE :	= 63								
Backyard	d Water	Mains/Services Replacement		RAW SCORE :	= 50								
	Water S	upply (E 2)	Impact = N	// ; Probability = M	41.25								
	A M+	Project maintains existing water utility infrastructure or is required to meet twith water quality standards or meet other regulatory requirements, including											
PRIMARY OBJECTIVE (75%)	В М	Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post-disaster reliability water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform duand after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; add redundancy so infrastructure can be taken off-line for maintenance]. (H, M, L)											
	c s	Timing of when project is needed to meet water supply demands, water qualities (i = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+	•	s, or other regulations.									
, o	Social F	actor - Check if applicable			5.00								
SOCIAL FACTORS (7.5%)		Promotes Emergency Recovery											
000 (7.5	Positive	Interaction (E 4) - Check all that apply											
S FA	X	With the Community	With other a	gencies									
Ā	Water Q	uality (E 3.2) - Check if applicable			3.75								
FACTORS (7.5%)	X	Promotes drinking water quality											
ACTOR (7.5%)	Natural	Resources Sustainability (E 3.2) - Check all that apply											
ARC (7		Promotes water use efficiency		ergy efficiency or incorpo	rates energy								
EN		Promotes groundwater basin management	efficient feat	ures									
Ø	Lifecycle	e costs are minimized - Check One			0.00								
OR		Annual cost savings of more than \$50,000											
CT		Annual cost savings of \$10,000 to \$50,000											
₩ (%		Annual cost savings of less than \$10,000											
ECONOMIC FACTORS (10%)	Funding	Available from Other Agencies - Check One											
Q		Over 50% of project costs available from other agencies											
Ŏ.		26% to 50% of project costs available from other agencies											
Щ		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.

roiect l	Na	me H	ere Z	racky	med b	Vater	M	an s	140	rvice	Re	dice	nest	RIOI	RAW S	CORE CORE	=	100	
	Name Here Backyord Water Many Gervice Redicement's RAW SCORE = Water Supply (E 2) Impact = : Probability =										T	75.0	0 < Totals						
	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																		
	Н		ssible valu	cting Exist e is 55 poir			or "higł	h°, 30 po	oints for	"mediun	n" and	d 5.5 po	nts for	low".	The inte	rmediate	score	es are	
			High	Probability ligh Med. Low			<u>Definition:</u> 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.												
actor of .75.		High	H+ 55	H- 42	M+ 30	High - and/or redun	Impact: High – Without the project, the District likely can not meet normal current or future dally 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												
(75% of Raw Score) score thus the point received are then multiplied by a factor				(M+)	M- 17	and/or manua	r water al oper	r quality: ration or	standar an exis	de hut v	will be kup ./4 S	operati	ng at a Recky	higher	level of	risk, pote	entially	relying pr	on de de
en multip		Med.	H- 42			water or the	quality projec	y standai ct is relat	rds or n ted to a	egulatior backup	ns. Ho	wever,						tate of risi	front- meter priva
re the	-					Probability of Impact occurring: High – Likely to almost certain 65% – 100%									proj				
reda	١						_			55% 🛶									
ore) nt receiv		Low	M+ 30	M- 17	L 5.5			ely or rai											
Raw Sc the poi	Determine the appropriate rating for the project as it pertains to Criterion A and then enter it in the box provided.																		
(75% of Raw Score)	1	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",																	
of the total sco	P w a	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).																	
75% of		Effect of Project Impact: High (H) – Provides benefits for more than 30,000 customers.																	
for	N								4	In	1ac	to a	rec.	s of	se	vice	Are	a /	
e count	L	Medium (M) - Provides benefits for 10,000 to 30,000 customers. Low (L) - Provides benefits for less than 10,000 customers.																	
This Objective counts		Н	Determin	ne the appr	opriate rat	ling for th	e proje	ect as it į	pertains	s to Crite	rion E	3 and the	en ente	rit in ti	пе box рі	ovided.			
This C	ŀ	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".																	
	45	<u>Definition:</u> Timing of when project is needed to meet water supply demands, water quality standards, or other regulations.																	
	- 1"	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.																	
	L	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.												r il in t	he box p	rovided.			

PRIORITY SCORE =

Revised: 11/30/10

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Business	s Cente	r/CSD Bldg. Water Main Looping			RAW SCORE =	61				
	Water S	Supply (E 2)	Impact =	М	; Probability = M	51.75				
PRIMARY OBJECTIVE (75%)	A H-	Project maintains existing water utility infrastructure or is required to meet with water quality standards or meet other regulatory requirements, including								
	в 🗓	Project increases operation flexibility, improves maintenance capabilities, water utility infrastructure [Example: improving the systematic reliability of and after a devastating event; improving the systematic flexibility of water add redundancy so infrastructure can be taken off-line for maintenance]. (H, M, L)	structure to continually p	perform during						
	C 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 F	actor - Check if applicable				7.50				
	X	Promotes Emergency Recovery								
SOCIAL ACTOR (7.5%)	Positive	Interaction (E 4) - Check all that apply								
S A	X	With the Community	With other	r age	ncies					
ENVIRONMENTAL FACTORS (7.5%)	Water Q	uality (E 3.2) - Check if applicable				1.88				
		Promotes drinking water quality								
	Natural Resources Sustainability (E 3.2) - Check all that apply									
AC (7		Promotes water use efficiency		romotes energy efficiency or incorporate						
EN		Promotes groundwater basin management	eature	es						
ဟ	Lifecycle	e costs are minimized - Check One				0.00				
ECONOMIC FACTORS (10%)		Annual cost savings of more than \$50,000								
		Annual cost savings of \$10,000 to \$50,000								
		Annual cost savings of less than \$10,000								
	Funding									
		Over 50% of project costs available from other agencies								
		26% to 50% of project costs available from other agencies								
		Up to 25% of project costs available from other agencies								

Priority Ranking Criteria

PRIORITY SCORE = Project Name Here Business Center/CSD Bldg. Water Main Looping RAW SCORE = 100 Water Supply (E 2) ; 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 lighest 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: <u>Definition:</u> Project maintains existing water utility infrastructure or is required to meet the Probability current and future water supply demand, comply with water quality standards or meet other High Med. Low regulatory requirements, including Health and Safety. Impact: then multiplied by a factor of .75. 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 H+ M+ H-퉏 redundancy or backup, or does not meet regulatory requirements. 55 42 30 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, H-M+ M-Med. or the project is related to a backup system. 30 17 Probability of impact occurring: score thus the point received are High - Likely to almost certain 65% - 100% -**WATER SUPPLY OBJECTIVE** Medium - Possible 35% - 65% M+ M-L **ĕ** 30 17 5.5 Low - Unlikely or rare 0% - 35% (75% of Raw Score) 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 lighest possible points are 20 points, with 20 points for "high", 11 points for "medium" and 2 points for "low". Project increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post disaster reliability of total 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 the infrastructure can be taken off-line for maintenance]. of Effect of Project Impact: 75% High (H) - Provides benefits for more than 30,000 customers. counts for Medium (M) - Provides benefits for 10,000 to 30,000 customers. Low (L) - Provides benefits for less than 10,000 customers. 🕒 his Objective 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. <u>Immediate Need</u> (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. <u>.ong-Term Need</u> (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.