

# Heber Public Utility District Report to the Board of Directors

**MEETING DATE:** July 21, 2022

**FROM:** Laura Fischer, General Manager

**SUBJECT:** Adopt Resolution Number 2022-09 to Adopt the Modified Five Year Capital Improvement Budget.

**ISSUE:**

Shall the Heber Public Utility Board of Directors adopt Resolution Number 2022-09 to adopt the five-year Capital Improvement Budget?

**GENERAL MANAGER RECOMMENDATION:**

Adopt Resolution Number 2022-09 to adopt the Modified Five-Year Capital Improvement Budget as Presented.

**FISCAL IMPACT:**

The proposed HPUD Five-Ten Year Capital Improvement Budget totals \$25,727,719 not including prior year projects. For Fiscal Year 2022-23 the total Capital Improvement Budget is \$5,166,222 total all funds.

**DISCUSSION:**

The District's Capital Improvement Budget reflects the current and future needs of the District. Staff has developed projects with estimated cost in anticipation of new regulations, population growth projections, the newly adopted Strategic Plan, and other demands on our District. The projects listed include for FY 2022-23 include:

- The FY 20-20 Water Fund has three water line replacement/repair projects with an estimated expenditure of \$2,387,490 in FY 2022-23. We anticipate applying for grant and low interest loans for construction costs. This budget includes soft cost associated with preparations for construction and financing.
  - 1) The installation of water lines on the north side of Highway 86 east of Rockwood Ave to connect existing 8" lines west to Pitzer Road. This will loop the water line and improve service and water quality.
  - 2) Repair and relocate water lines in the Courts. Lines are inferior quality and are breaking.
  - 3) Install AC pipeline from the water treatment plant down the alley behind Ingram East to Heffernan Ave then north to highway 86.
- The Wastewater Fund Project Schedule continues to fund deferred maintenance on the collection system with a manhole replacement project with a total of \$218,157 for FY 2022-23, which is funded 100% by Wastewater Funds.

- The Parks Department has several projects programs for a total estimated expenditure in FY 2022-23 of \$1,935,765. This amount includes some grant funds and HPUD funds for the following projects:
  - Children's Park Renovation that includes replacing play equipment, installing restrooms, splash pad and bioswals and xeriscape. This project is funded by Statewide Park Program funds and the Per Capital Funds. The bid came in about \$750,000 higher than expected and HPUD is researching additional funding opportunities.
  - Improvements to Estancia Park are for the costs to replace the sprinkler system, which will be completed in FY 2022-23 through a grant.
  - Correll Basin Improvements was once again moved forward to include funding in FY 2022-23. HPUD was awarded \$1.6 million of SPP funds for this project.
  - Landscape Over Dogwood Canal. This project was added last year at the request of Director Sandoval. We have included a rough cost estimate to install zero scape over the canal between Highway 86 and Correll Road. Possible grant funds from APCD. This project is unfunded.
- The General Capital Improvement Project schedule includes projects that benefit more than one fund. There are no projects in FY 2022-23.
- Grant Funded Projects in all funds. The District has received several grants under USDA, AB 617, Urban Greening, and Department of Water Resources Urban (DWR). They are listed under each fund and by project description.

**CONCLUSION:**

This presentation is the second draft presented to the Board for review.

It is recommended that the Board review and approve the CIP budget and adopt Resolution 2022-09 to adopt the Five Year Capital Improvement Budget.

**ALTERNATIVES:**

- 1) Do not adopt the Five-Year Capital Improvement Budget, and provide direction to staff to modify. There is no requirement that HPUD adopt the CIP budget by a specific time, but it is advisable so that projects may move forward.
- 2) Direct staff to present the CIP at the next scheduled meeting to allow the Board time to review prior to adopting.

Respectfully Submitted,

Laura Fischer  
General Manager

Attachments: Five Year CIP Budget

**RESOLUTION NO. 2022-09**

**A RESOLUTION OF THE HEBER PUBLIC UTILITY DISTRICT ADOPTING A FIVE-YEAR PROGRAM OF PROJECTS FOR CAPITAL IMPROVEMENT FOR FISCAL YEAR 2022-23**

**WHEREAS**, the General Manager has submitted the Five-Year Capital Improvement Program of Projects for FY 2022-23 to the Board of Directors for review and consideration, and

**WHEREAS**, the Five-Year Program of Projects for Capital Improvement is based upon public comment and direction of the Board of Directors received at scheduled public meetings, and

**WHEREAS**, the Five-Year Program of Projects for Capital Improvement is based upon the recently adopted Strategic Plan and includes projects that meet Goal A - Advocate for quality growth and development in Heber; and

**WHEREAS**, the Five-Year Program of Projects for Capital Improvement is based upon the recently adopted Strategic Plan and includes projects that meet Goal C - Expand parks and recreation facilities and services; and

**WHEREAS**, the Five-Year Program of Projects for Capital Improvement is based upon the recently adopted Strategic Plan and includes projects that meet Goal D Improve and sustain Heber Public Utility District facilities and services; and

**WHEREAS**, in said fiscal year beginning July 1, 2022, the Five-Year Program of Projects for Capital Improvement is attached to this Resolution as Exhibit A; and

**NOW, THEREFORE, THE BOARD OF DIRECTORS OF THE HEBER PUBLIC UTILITY DISTRICT, DOES HEREBY RESOLVE AS FOLLOWS:**

1. That the foregoing is true, correct and adopted.
2. That the Board of Directors finds that the Fiscal Year 2022-23 Five-Year Program of Projects for Capital Improvements reflects the District's Capital needs for the current Fiscal Year and the next five years.
3. That the Board of Directors of the Heber Public Utility District does hereby adopt this Resolution approving the Five-Year Capital Improvement Program of Projects as set forth.
4. That the President of the Board of Directors of the Heber Public Utility District is hereby authorized to sign said Resolution, a copy of which is on file at the District office.

**PASSED AND ADOPTED** at a regular meeting of the Board of Directors of the Heber Public Utility District held on the 21<sup>st</sup> day of July 2022.

\_\_\_\_\_  
Kaine Garcia, Board President

ATTEST:

\_\_\_\_\_  
Moises G. Cardenas, Clerk of the Board

APPROVE AS TO FORM:

\_\_\_\_\_  
Steven M. Walker, General Counsel

STATE OF CALIFORNIA )  
COUNTY OF IMPERIAL )  
HEBER PUBLIC UTILITY )  
DISTRICT )

I, Moises Cardenas, Clerk of the Board of the Heber Public Utility District, County of Imperial, State of California, DO HEREBY CERTIFY that the foregoing resolution was dully passed, approved and adopted by the Board of Directors of the Heber Public Utility District at its regularly scheduled meeting held on the 21st day of July 2022.

By \_\_\_\_\_  
Moises G. Cardenas, Clerk of the Board

# CAPITAL IMPROVEMENT PROJECTS FY 2022-23

Adopted Via Resolution 2022-09

<b>CAPITAL IMPROVEMENT PROJECTS</b>		<b>Project Schedule 2022-23</b>
<i>PARKS DEPARTMENT</i>		<b>FY 2022-23</b>
<i>Children's Park</i>	<i>Replace 40+ year old play equipment, shade structures, benches and tables , restrooms and Splash Pad</i>	<i>1,508,415</i>
<i>Recreation Center Parking Lot</i>	<i>Install new parking lot at the Rec Center</i>	<i>65,540</i>
<i>Estancia Park</i>	<i>Replace Sprinkler System to improve grass and make improvements to retention basin area</i>	<i>130,374</i>
<i>Correll Basin</i>	<i>'Rehab Retention Basin to allow drainage and install a park, walking path, lights, garden, and signage.</i>	<i>80,000</i>
<i>Estancia Park Tree Planting</i>	<i>Plant approximately 54 trees at Estancia Park</i>	<i>34,544</i>
<i>Tito Huerta Park Tree Planting</i>	<i>Plant approximately 95 trees at Tito Huerta Park</i>	<i>51,438</i>
<i>Rec Center Patio</i>	<i>Install new patio behind the Rec Center</i>	<i>60,454</i>
<i>Landscape Over Dogwood Canal</i>	<i>Insall zeroscape over the underground Dogwood Canal between Highway 86 and Correll Road.</i>	<i>5,000</i>
<b>TOTAL PARKS PROJECTS FOR FY 2021-22</b>		<b>\$1,935,765</b>

<b>WATER DEPARTMENT</b>		<b>FY 2021-22</b>
<i>Water Lines Rockwood to Pitzer</i>	<i>Install water lines on the north side of Highway 86 east of Rockwood Ave. to connect existing 8" lines west to Pitzer Road. Loop water lines and improve service and water quality.</i>	<i>199,000</i>
<i>Water Lines Heffernan to HWY 86</i>	<i>Install 1900' of 20" ACP pipeline from WTP down alley behind Ingram East to Heffernan Ave then North to HWY 86.</i>	<i>69,040</i>
<i>Water Treatment Paving Project</i>	<i>Pave approximately 14,210 sq ft of the WTP</i>	<i>116,090</i>

# CAPITAL IMPROVEMENT PROJECTS FY 2022-23

Adopted Via Resolution 2022-09

<b>CAPITAL IMPROVEMENT PROJECTS</b>		<b>Project Schedule 2022-23</b>
<i>Water Treatment Plant Clarifier</i>	<i>System upgrades for Clarifier 1</i>	286,580
<i>Water Treatment Plant Project</i>	<i>Upgrades and Improvements to Water Treatment Plant including SCADA System</i>	124,574
<i>Water Treatment Plant Tree Planting</i>	<i>Plant approximately 7 trees at the WTP</i>	21,302
<i>Repair Relocate Water Lines in Courts</i>	<i>Repair and relocate water lines in the Courts. Lines are inferior quality and are breaking. Line to fire hydrant are located on private property.</i>	2,119,450
<b>TOTAL WATER PROJECTS FOR FY 2021-22</b>		<b>\$2,936,036</b>

<b>WASTEWATER DEPARTMENT</b>		<b>FY 2022-23</b>
<i>Manhole Project</i>	<i>Wastewater Manholes Improvement Project</i>	218,157
<i>AB 617 Urban Greening</i>	<i>Plant Trees at the Wastewater Treatment Plant</i>	76,264
<b>TOTAL WASTEWATER PROJECTS FOR FY 2021-22</b>		<b>\$294,421</b>

<b>GENERAL SERVICES</b>		<b>FY 2022-23</b>
	<i>No plans for Capital Improvement Projects for General Services for FY 22-23.</i>	0
<b>TOTAL GENERAL SERVICES PROJECTS FY 2021-22</b>		<b>0</b>

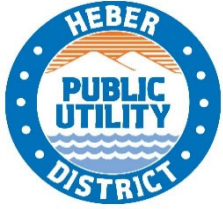
<b>GRAND TOTAL CAPITAL IMPROVEMENT FY 2021-2022</b>	<b>\$5,166,222</b>
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**CAPITAL IMPROVEMENT PROGRAM OF PROJECTS  
FISCAL YEAR 2022-23 - RESOLUTION 2022-09**



	<b>Project Schedule FY 22-23</b>	<b>Project Schedule FY 23-24</b>	<b>Project Schedule FY 24-25</b>	<b>Project Schedule FY 25-26</b>	<b>LONG TERM 6-10 YRS</b>	<b>Project Totals</b>
<b>PARKS DEPT. TOTALS</b>	1,935,765	886,192	1,436,993	0	0	4,258,950
<b>WATER FUND TOTALS</b>	2,936,036	1,789,960	0	0	871,000	5,596,996
<b>SEWER FUND TOTALS</b>	294,421	6,093,889	285,139	100,000	8,593,324	15,366,773
<b>GENERAL FUND TOTALS</b>	0	0	0	0	505,000	505,000

<b>DISTRICT ALL FUND TOTALS</b>	5,166,222	8,770,041	1,722,132	100,000	9,969,324	25,727,719
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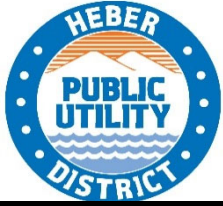
# HPUD Five Year Capital Improvement Project List

Presented to BOD for approval on July 21st, 2022 Via Resolution 2022-09

## PARKS DEPARTMENT

UNFUNDED	PARKS DEPARTMENT										
Funding Source	Jiggs Johnson Park										
<i>Heber Meadows CFD Anticipated \$13,000 per year for Maintenance Only -</i>	Restrooms at Jiggs Johnson Park		Project Cost	Project Schedule FY 20-21	Project Schedule FY 21-22	Project Schedule FY 22-23	Project Schedule FY 23-24	Project Schedule FY 24-25	Project Schedule FY 25-26	LONG TERM 6-10 YRS	Project Totals
			\$ 150,100								
	Project Components										
<b>PROJECT NOT FUNDED IN SPP Grant Application in 2021.</b>	Admin Costs - Design Engineering	12,500						12,500			12,500
	Construction - Install	125,000						125,000			125,000
	CM	7,600						7,600			7,600
	Permits	5,000						5,000			5,000
	<b>TOTAL</b>	<b>\$ 150,100</b>		<b>0</b>	<b>0</b>		<b>0</b>	<b>150,100</b>	<b>0</b>	<b>0</b>	<b>150,100</b>

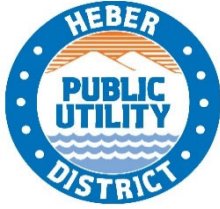




# HPUD Five Year Capital Improvement Project List

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GRANT FUNDED	PARKS DEPARTMENT									
Funding Source	Children's Park	Total Project Cost	Project Schedule FY 20-21	Project Schedule FY 21-22	Project Schedule FY 22-23	Project Schedule FY 23-24	Project Schedule FY 24-25	Project Schedule FY 25-26	LONG TERM 6-10 YRS	Project Totals
<b>STATEWIDE PARK PROGRAM GRANT AWARDED FOR \$700K Additional Funds authorized Per Capita \$178K</b>  <b>HPUD MUST FUND ANY AMOUNT OVER \$700,000+ 178,000=\$878,000</b>  <b>Reserve should include known amount over \$878K</b>  <b>At the May 2021 BOD Meeting, the Board approved the allocation of Per Capita Funds \$178,000 for this project bringing the total project budget to \$878,000. The lowest bid came in at 1.6 million. The construction companies that bid have accepted to hold that bid until September 1st, 2022. HPUD is seeking additional funds from other sources. GAP of approximately \$750,000</b>	<b>Replace 40+ year old play equipment, shade structures, benches and tables &amp; RESTROOMS &amp; SPLASH PAD</b>  <b>Project Components</b>	\$ 1,908,694								
	Mobilizaition of the Project	96,300			96,300					96,300
	Demolition and Adjustment of Exisitng Facilities-Earthwork	43,170			43,170					43,170
	Site Utlity-Sanitary Sewer and Water Piping and Facilities	53,000			53,000					53,000
	Site Grading and Civil Improvements-Concrete Infrastructure, Pad, and Sidewalk	91,445			91,445					91,445
	Irrigation and Lawn Repair	26,500			26,500					26,500
	Electrical Work	145,000			145,000					145,000
	Site Furnishings	49,484				49,484				49,484
	Restroom/Mechanical Room Building	214,000			214,000					214,000
	Sprayground	635,000			500,000	135,000				635,000
	Shade Structure	67,000			67,000					67,000
	Playground and Safe Rubber Surface	115,000			115,000					115,000
	Construction Stalking, Survey Work, and Geotechnical Testing	30,000			30,000					30,000
	On-site parking including Driveway and Acces Path	50,000			50,000					50,000
	Design	107,000	35,000	60,000	12,000					107,000
	Bidding	20,000		10,000	10,000					20,000
	Construction Management	60,000			30,000	30,000				60,000
	Permits	25,000			25,000					25,000
	5% Contingency	80,795				80,795				80,795
	<b>TOTAL</b>	<b>\$ 1,908,694</b>	<b>35,000</b>	<b>70,000</b>	<b>1,508,415</b>	<b>295,279</b>			<b>0</b>	<b>1,908,694</b>

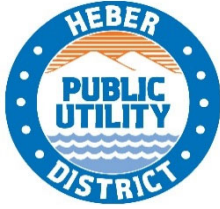


# HPUD Five Year Capital Improvement Project List

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GRANT FUNDED		PARKS DEPARTMENT									
Funding Source		Estancia Park									
DWR Urban and Multibenefit Drought Grant Program 100% grant funded		Replace Sprinkler System to improve grass and make improvements to retention basin area *Currently waiting for Grant Agreement between DWR and HPUD	Total Project Cost	Project Schedule FY 20-21	Project Schedule FY 21-22	Project Schedule FY 22-23	Project Schedule FY 23-24	Project Schedule FY 24-25	Project Schedule FY 25-26	LONG TERM 6-10 YRS	Project Totals
		<i>Project Components</i>									
		Sprinklers	54,374			54,374					54,374
		Tucor Link System	60,000			60,000					60,000
		Adminstration	16,000			16,000					16,000
		<b>TOTAL</b>	<b>\$ 130,374</b>	<b>0</b>	<b>0</b>	<b>130,374</b>	<b>0</b>				<b>130,374</b>

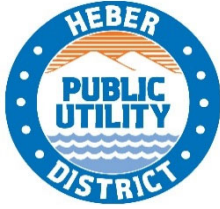
GRANT FUNDED		PARKS DEPARTMENT									
Funding Source		Correll Basin									
February 2022- HPUD Awarded \$1.6 million dollars from State Parks.		Rehab Retention Basin to allow drainage and install a park, walking path, lights, garden, basketball courts, and signage.	Total Project Cost	Project Schedule FY 20-21	Project Schedule FY 21-22	Project Schedule FY 22-23	Project Schedule FY 23-24	Project Schedule FY 24-25	Project Schedule FY 25-26	LONG TERM 6-10 YRS	Project Totals
		<i>Project Components</i>									
		Non-Construction	395,913			80,000	315,913				395,913
		Construct a bio retention basin	337,228					337,228			337,228
		Construct elevated play area	408,925					408,925			408,925
		Construct area for sporting activites	275,000					275,000			275,000
		Construct a 5' wide walkway	148,750					148,750			148,750
		10% Contingency for budget purposes	116,990					116,990			116,990
		<b>TOTAL</b>	<b>\$ 1,682,806</b>			<b>80,000</b>	<b>315,913</b>	<b>1,286,893</b>		<b>0</b>	<b>1,682,806</b>



# HPUD Five Year Capital Improvement Project List

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NOT FUNDED	PARKS DEPARTMENT										
Funding Source	Landscape Over Dogwood Canal east side of Dogwood between Highway 86 and Correll Road										
<b>UNFUNDED</b> No known funding source identified Possible APCD funds or AB 617	<i>Install zero scape on the dirt area over the Dogwood Canal between Highway 115 and Correll Road</i> <b>Total Project Cost</b> \$ 280,000		Project Schedule FY 20-21	Project Schedule FY 21-22	Project Schedule FY 22-23	Project Schedule FY 23-24	Project Schedule FY 24-25	Project Schedule FY 25-26	LONG TERM 6-10 YRS	Project Totals	
	<b>Project Components</b>										
	Non-Construction	0			5,000					5,000	
	Construction	0				250,000				250,000	
	Contingency	0				25,000				25,000	
	<b>TOTAL</b>	<b>\$ -</b>	<b>0</b>	<b>0</b>	<b>5,000</b>	<b>275,000</b>			<b>0</b>	<b>280,000</b>	
GRANT FUNDED	PARKS DEPARTMENT										
Funding Source	Estancia Park										
AB617 Urban Greening Grant	<i>Plant 54 trees at Estancia Park 75% AB 617 Urban Greening &amp; 25% HPUD Total Grant: \$23,893.50</i> <b>Project to be completed October 2022</b>		<b>Total Project Cost</b> \$ 35,044	Project Schedule FY 20-21	Project Schedule FY 21-22	Project Schedule FY 22-23	Project Schedule FY 23-24	Project Schedule FY 24-25	Project Schedule FY 25-26	LONG TERM 6-10 YRS	Project Totals
	<b>Project Components</b>										
	Non-construction	3,186		500	2,686					3,186	
	Construction	28,672			28,672					28,672	
	Contingency	3,186			3,186					3,186	
	<b>TOTAL</b>	<b>\$ 35,044</b>	<b>0</b>	<b>500</b>	<b>34,544</b>					<b>35,044</b>	

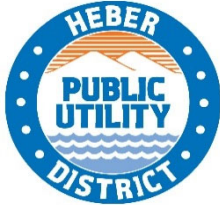


# HPUD Five Year Capital Improvement Project List

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GRANT FUNDED		PARKS DEPARTMENT									
Funding Source		Tito Huerta Park									
AB617 Urban Greening Grant	Plant 95 trees at Tito Huerta Park 75% AB 617 Urban Greening & 25% HPUD Total Grant: \$35,753.50 <i>Project to be completed October 2022</i>	Total Project Cost	Project Schedule FY 20-21	Project Schedule FY 21-22	Project Schedule FY 22-23	Project Schedule FY 23-24	Project Schedule FY 24-25	Project Schedule FY 25-26	LONG TERM 6-10 YRS	Project Totals	
		\$ 52,438									
	<b>Project Components</b>										
	Non-construction	4,767		1,000	3,767					4,767	
	Construction	42,904			42,904					42,904	
Contingency	4,767			4,767					4,767		
<b>TOTAL</b>		<b>\$ 52,438</b>	<b>0</b>	<b>1,000</b>	<b>51,438</b>					<b>52,438</b>	

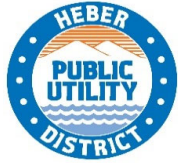
GRANT FUNDED		PARKS DEPARTMENT									
Funding Source		Recreation Center									
USDA Community Facilities Grant	Replace and Repave the parking lot at the Recreation Center <i>Project to be completed by August 2022</i>	Total Project Cost	Project Schedule FY 20-21	Project Schedule FY 21-22	Project Schedule FY 22-23	Project Schedule FY 23-24	Project Schedule FY 24-25	Project Schedule FY 25-26	LONG TERM 6-10 YRS	Project Totals	
		\$ 68,040									
	<b>Project Components</b>										
	Non-construction	5,000		2,500	2,500					5,000	
	Construction	59,800			59,800					59,800	
5% Contingency	3,240			3,240					3,240		
<b>TOTAL</b>		<b>\$ 68,040</b>	<b>0</b>	<b>2,500</b>	<b>65,540</b>					<b>68,040</b>	



# HPUD Five Year Capital Improvement Project List

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GRANT FUNDED		PARKS DEPARTMENT									
Funding Source		Recreation Center									
USDA Community Facilities Grant	Construct shade, handwashing station, and related items behind the recreation center	Total Project Cost	Project Schedule FY 20-21	Project Schedule FY 21-22	Project Schedule FY 22-23	Project Schedule FY 23-24	Project Schedule FY 24-25	Project Schedule FY 25-26	LONG TERM 6-10 YRS	Project Totals	
			\$ 61,454								
<b>Project Components</b>											
	Non-construction	5,000		1,000	4,000					5,000	
	Construction	50,867			50,867					50,867	
	5% Contingency	5,587			5,587					5,587	
	<b>TOTAL</b>	<b>\$ 61,454</b>	<b>0</b>	<b>1,000</b>	<b>60,454</b>					<b>61,454</b>	



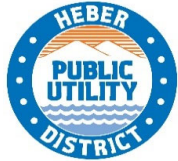
# HPUD Five Year Capital Improvement Project List

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## WATER DISTRIBUTION

UNFUNDED		Water Distribution Lines								
Will work with Developer and/or seek outside funding	<b>Potable Water Distribution Lines and Pressure Reducing Valves (Cost estimates and project development is approximate and updated in 2016)</b>	<b>Total Project Cost</b> <b>\$ 871,000</b>	<b>Project Schedule</b> <b>FY 20-21</b>	<b>Project Schedule</b> <b>FY 21-22</b>	<b>Project Schedule</b> <b>FY 22-23</b>	<b>Project Schedule</b> <b>FY 23-24</b>	<b>Project Schedule</b> <b>FY 24-25</b>	<b>Project Schedule</b> <b>FY 25-26</b>	<b>LONG TERM</b> <b>6-10 YRS</b>	<b>Project Totals</b>
	<b>Project Components</b>									
	Application & follow-ups								15,000	15,000
	Engineering Design								12,000	12,000
	Planning ( CUP, ND,Env, Application)								20,000	20,000
	Bidding & Construction								24,000	24,000
	Construction, Inspection Adm & Survey & Contingency								800,000	800,000
	<b>TOTAL</b>		-	-	-	-	-	-	871,000	871,000

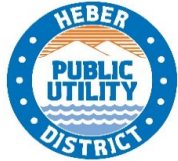
UNFUNDED		Water Distribution Lines								
Apply for USDA Colonia Funds Delayed due to COVID	<b>Install water lines on the north side of Highway 86 east of Rockwood Ave. to connect existing 8" lines west to Pitzer Road. Loop water lines and improve service</b>	<b>Total Project Cost</b> <b>\$ 199,000</b>	<b>Project Schedule</b> <b>FY 20-21</b>	<b>Project Schedule</b> <b>FY 21-22</b>	<b>Project Schedule</b> <b>FY 22-23</b>	<b>Project Schedule</b> <b>FY 23-24</b>	<b>Project Schedule</b> <b>FY 24-25</b>	<b>Project Schedule</b> <b>FY 25-26</b>	<b>LONG TERM</b> <b>6-10 YRS</b>	<b>Project Totals</b>
	<b>Project Components</b>									
	Engineering Design				10,000					10,000
	Bidding & Construction				175,000					175,000
	Construction, Inspection Adm & Survey & Contingency			-	14,000					14,000
	<b>TOTAL</b>		-	-	199,000	-	-	-	-	199,000



# HPUD Five Year Capital Improvement Project List

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UNFUNDED		Water Distribution Lines									
Apply for USDA Colonia Funds Have Not Submitted Application	Repair and relocate water lines in the Courts. Lines are inferior quality and are breaking. Line to fire hydrant are located on private property.	Total Project Cost	Project Schedule FY 20-21	Project Schedule FY 21-22	Project Schedule FY 22-23	Project Schedule FY 23-24	Project Schedule FY 24-25	Project Schedule FY 25-26	LONG TERM 6-10 YRS	Project Totals	
		\$ 2,169,450									
Project Components											
	Engineering Design			50,000	112,000					162,000	
	Bidding & Construction Management			0	198,000					198,000	
	Construction, Inspection Adm & Survey & Contingency			0	1,809,450					1,809,450	
	<b>TOTAL</b>		-	50,000	2,119,450	-	-	-	-	2,169,450	
GRANT FUNDED		Water Distribution Lines									
DWR Urban and Multibenefit Drought Grant Program	Install 1,900 feet of 20" ACP pipeline from WTP down alley behind Ingram east to Heffernan Avenue then North to HWY 86 Awarded \$542,200.00 *Currently waiting for grant agreement	Total Project Cost	Project Schedule FY 20-21	Project Schedule FY 21-22	Project Schedule FY 22-23	Project Schedule FY 23-24	Project Schedule FY 24-25	Project Schedule FY 25-26	LONG TERM 6-10 YRS	Project Totals	
		\$ 542,000									
Project Components											
	Engineering Design	64,040			64,040					64,040	
	Bidding & Construction Management	32,520			5,000	27,520				32,520	
	Construction, Inspection Adm & Survey & Contingency	445,440				445,440				445,440	
	<b>TOTAL</b>	542,000	-	-	69,040	472,960	-	-	-	542,000	
Agreement with HPUD for review											
GRANT FUNDED		Water Plant Upgrades									
AB 617 Urban Greening Grant	Pave approx. 14,210 sq ft at the WTP 75%- AB617 Urban Greening 25%- HPUD Match Project to be completed Aug. 2022	Total Project Cost	Project Schedule FY 20-21	Project Schedule FY 21-22	Project Schedule FY 22-23	Project Schedule FY 23-24	Project Schedule FY 24-25	Project Schedule FY 25-26	LONG TERM 6-10 YRS	Project Totals	
		\$ 121,090									
Project Components											
	Non-Construction costs	5,000		5,000						5,000	
	Labor and Construction	105,536			105,536					105,536	
	Contingency	10,554			10,554					10,554	
	<b>TOTAL</b>	121,090	-	5,000	116,090	-	-	-	-	121,090	



# HPUD Five Year Capital Improvement Project List

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## GRANT FUNDED

### Water Plant Upgrades/Tree Planting

<b>AB 617 Urban Greening Grant</b>	<b>Plant 7 Trees at WTP 75%-AB617 Urban Greening 25%- HPUD Match</b> <i>Project to be completed October 2022</i>	<b>Total Project Cost</b> <b>\$ 21,822</b>	<b>Project Schedule</b> <b>FY 20-21</b>	<b>Project Schedule</b> <b>FY 21-22</b>	<b>Project Schedule</b> <b>FY 22-23</b>	<b>Project Schedule</b> <b>FY 23-24</b>	<b>Project Schedule</b> <b>FY 24-25</b>	<b>Project Schedule</b> <b>FY 25-26</b>	<b>LONG TERM</b> <b>6-10 YRS</b>	<b>Project Totals</b>
	<b>Project Components</b>									
	Non-Construction costs	1,040		520	520					1,040
	Labor and Construction	19,742			19,742					19,742
	5.0% Contingency	1,040			1,040					1,040
	<b>TOTAL</b>	<b>21,822</b>	<b>-</b>	<b>520</b>	<b>21,302</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>21,822</b>

## HPUD Reserves

### Water Plant Upgrades

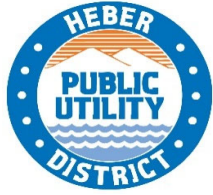
<b>Clarifier #1 was funded through a budget modification on Jan 27, 2022</b>	<b>SYSTEM UPGRADES AT WTP CLARIFIER #1 AND #2 BACKWASH PUMP STATION FLOW METER RELOCATION</b>	<b>Total Project Cost</b> <b>\$ 286,580</b>	<b>Project Schedule</b> <b>FY 20-21</b>	<b>Project Schedule</b> <b>FY 21-22</b>	<b>Project Schedule</b> <b>FY 22-23</b>	<b>Project Schedule</b> <b>FY 23-24</b>	<b>Project Schedule</b> <b>FY 24-25</b>	<b>Project Schedule</b> <b>FY 25-26</b>	<b>LONG TERM</b> <b>6-10 YRS</b>	<b>Project Totals</b>
	<b>Project Components</b>									
	Clarifier #1				181,480					181,480
	Sun Blast Clean & Pain Underdrain				105,100					105,100
	<b>TOTAL</b>	<b>286,580</b>	<b>-</b>	<b>-</b>	<b>286,580</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>286,580</b>

## UNFUNDED

### Water Plant Upgrades

<b>POSSIBLE GRANT for COMPONENTS IN 2023-24</b>	<b>SYSTEM UPGRADES AT WTP BACKWASH PUMP STATION FLOW METER RELOCATION</b>	<b>Total Project Cost</b> <b>\$ 1,441,574</b>	<b>Project Schedule</b> <b>FY 20-21</b>	<b>Project Schedule</b> <b>FY 21-22</b>	<b>Project Schedule</b> <b>FY 22-23</b>	<b>Project Schedule</b> <b>FY 23-24</b>	<b>Project Schedule</b> <b>FY 24-25</b>	<b>Project Schedule</b> <b>FY 25-26</b>	<b>LONG TERM</b> <b>6-10 YRS</b>	<b>Project Totals</b>
	<b>Project Components</b>									
	SCADA Upgrade					250,000				250,000
	Backwash Pump Purchase New and Refurnish old				110,000					110,000
	Flow Meter - Relocation -OR add a pump					500,000				500,000
	SCADA Upgrade					120,000				120,000
	Replace OG Chemical Pumps					20,000				20,000
	Repair / Replace THM stripping system					400,000				400,000
	5.0% Contingency				14,574	27,000				41,574
	<b>TOTAL</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>124,574</b>	<b>1,317,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,441,574</b>



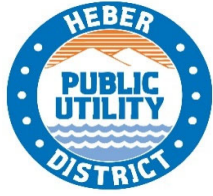


# HPUD Five Year Capital Improvement Project List

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## WASTEWATER DEPARTMENT

Funding Source	Wastewater Tertiary Water Treatment Project	\$ 8,593,324									Project Totals
UNFUNDED	Secondary Treatment for Wastewater water to use as Parks Irrigation and sale to Ormat.	Project Total Cost	Project Schedule FY 20-21	Project Schedule FY 21-22	Project Schedule FY 22-23	Project Schedule FY 23-24	Project Schedule FY 24-25	Project Schedule FY 25-26	LONG TERM 6-10 YRS	Project Totals	
Possible Grant and/or funding the Project with Ormat Contribution.	<b>Project Components</b>										
	Application - costs	25,000							25,000	25,000	
	0.0% Engineering and Design	586,872							586,872	586,872	
	0.0% Bidding	36,680							36,680	36,680	
	0.0% Engineering- Staking, Geo & Elec	22,008							22,000	22,000	
	8.0% Construction Management	586,872							586,872	586,872	
	Construction Costs	6,669,000							6,669,000	6,669,000	
	10.0% Contingency	666,900							666,900	666,900	
	<b>TOTAL</b>	<b>8,593,332</b>							<b>8,593,324</b>	<b>8,593,324</b>	
<b>FUNDED VIA RESERVE RESO 2021</b>	<b>Manhole Repair / Replace Project</b>	<b>\$ 428,685</b>									
<i>Manhole repair/replacement project funded in each Fiscal Year</i>	<i>Wastewater Manholes Improvement Project MOVED FROM 2020-21 TO 2021-22 (8/20/20) This project was bid on June 8th, 2022. The project is before the Board for award on June 16, 2022.</i>	<b>Project Total Cost</b>	<b>Project Schedule FY 20-21</b>	<b>Project Schedule FY 21-22</b>	<b>Project Schedule FY 22-23</b>	<b>Project Schedule FY 23-24</b>	<b>Project Schedule FY 24-25</b>	<b>Project Schedule FY 25-26</b>	<b>LONG TERM 6-10 YRS</b>	<b>Project Totals</b>	
	<b>Project Components</b>										
	Engineering and Design	30,000	0	3,000	7,611	19,389				30,000	
	Bidding	4,916	0		1,916	3,000				4,916	
	Traffic Control	16,585			16,585					16,585	
	Construction Costs	336,616	0		168,308	0	168,308				336,616
	Construction Management	15,322			15,322					15,322	
	5.0% Contingency for budget purposes only	25,246	0		8,415	0	16,831				25,246
	<b>TOTAL</b>	<b>428,685</b>	<b>0</b>	<b>3,000</b>	<b>218,157</b>	<b>22,389</b>	<b>185,139</b>				<b>428,685</b>

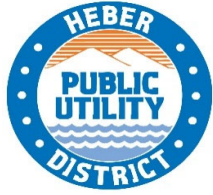


# HPUD Five Year Capital Improvement Project List

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## WASTEWATER DEPARTMENT

UNFUNDED		Lift Station Improvement Projects	\$ 300,000								
Wastewater Funds	Lift Station Improvements	Project Total Cost	Project Schedule FY 20-21	Project Schedule FY 21-22	Project Schedule FY 22-23	Project Schedule FY 23-24	Project Schedule FY 24-25	Project Schedule FY 25-26	LONG TERM 6-10 YRS	Project Totals	
<b>Project Components</b>											
	Engineering and Design & Bidding					10,000	10,000	10,000		30,000	
	Construction Costs					86,150	86,150	86,150		258,450	
5.0%	Contingency for budget purposes only					3,850	3,850	3,850		11,550	
<b>TOTAL</b>			<b>0</b>	<b>0</b>		<b>100,000</b>	<b>100,000</b>	<b>100,000</b>		<b>300,000</b>	
GRANT FUNDED		Wasterwater Improvements/ Tree Planting	\$ 76,264								
AB 617 Urban Greening Grants	Plant 100 Trees at the WWTP (75% AB617 & HPUD 25%) Grant Amount: \$51,997.50 HPUD's Match: \$17,333.50 <b>Project to be completed October 2022</b>	Project Total Cost	Project Schedule FY 20-21	Project Schedule FY 21-22	Project Schedule FY 22-23	Project Schedule FY 23-24	Project Schedule FY 24-25	Project Schedule FY 25-26	LONG TERM 6-10 YRS	Project Totals	
<b>Project Components</b>											
	Engineering and Design	6,933			6,933					6,933	
	Construction Costs	62,398			62,398					62,398	
10.0%	Contingency for budget purposes only	6,933			6,933					6,933	
<b>TOTAL</b>		<b>76,264</b>		<b>0</b>	<b>76,264</b>					<b>76,264</b>	



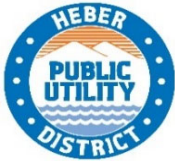
# HPUD Five Year Capital Improvement Project List

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## WASTEWATER DEPARTMENT

**GRANT FUNDED**      **Wasterwater Improvements & Upgrades**      **\$ 5,971,500**

POSSIBLE SB 1215	UPGRADE TO WWTP	Project Total Cost	Project Schedule FY 20-21	Project Schedule FY 21-22	Project Schedule FY 22-23	Project Schedule FY 23-24	Project Schedule FY 24-25	Project Schedule FY 25-26	LONG TERM 6-10 YRS	Project Totals
<i>Project Components</i>										
<p><i>HPUD's wastewater funds will not be able to pay for this project from reserves. If beneficial financing is not secured this project cannot be completed. THE SCADA system must be replaced in 23-24 as a stand alone project even without financing.</i></p>	<b>ENGINEERING / PROJECT DESIGN / BID / CM 15%</b>					675,000				954,000
	Relocate Electrical/Control Panels at Headworks building to new building					1,300,000				1,300,000
	Additional Drying Beds					300,000				300,000
	Upgrade of Laboratory and Office Building					300,000				300,000
	<b>Upgrade Scada System</b>					200,000				200,000
	Rehabilitate Headworks Building Equipment and Piping					400,000				400,000
	Additional Odor Control for Headworks Building					300,000				300,000
	Replace Electrical/Control for Regional Pump Station					400,000				400,000
	Rehabilitate Influent Channel					100,000				100,000
	Rehabilitate the Aerotor Treatment Units					500,000				500,000
	Rabilitate UV System					100,000				100,000
	New Shop Building for Parts and Supply Storage					600,000				600,000
	10.0% Contingency for Budget Purposes					517,500				517,500
<b>TOTAL</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,971,500</b>				<b>5,971,500</b>



# HPUD Five Year Capital Improvement Project List

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**UNFUNDED**

**ALL FUNDS - GENERAL PROJECTS**

**Funding Source**

**New Office Building**

\$ -

All Funds  
Water  
Sewer  
Trash  
Parks

New Office Building Possible Location on Dogwood Rd. Property Owned by HPUD		Project Cost	Project Schedule FY 20-21	Project Schedule FY 21-22	Project Schedule FY 22-23	Project Schedule FY 23-24	Project Schedule FY 24-25	LONG TERM 6-10 YRS	Project Totals
		\$ -							
<b>Project Components</b>									
15%	Admin - Engineering							0	0
	Purchase Property							0	0
	Construction							0	0
<b>TOTAL</b>		-	0					0	0

**UNFUNDED**

**Water/Sewer/Parks - GENERAL PROJECTS**

**Funding Source**

**NEW SHOP**

\$ 505,000

Water  
Sewer  
Parks

NEW Shop for all departments		Project Cost	Project Schedule FY 20-21	Project Schedule FY 21-22	Project Schedule FY 22-23	Project Schedule FY 23-24	Project Schedule FY 24-25	LONG TERM 6-10 YRS	Project Totals
		\$ 505,000							
<b>Project Components</b>									
15%	Admin -	5000						5,000	5,000
	Purchase Price	500000						500,000	500,000
<b>TOTAL</b>		505,000	0					505,000	505,000