PRIORITY ITEM:	COST:	PRIORITY:	OF ITV	TIME INE AND NOTES.	
		S/T (ABC)	L/T (ABC)	IIVIELINE AND NOTES:	STEPS:
Short Term Priories:		-			5 - F. C.
1) AIR SUPPLY LINE to	\$75,000	6- month	Needs to	-Materials estimate is \$20-25K 304/stainless schedule 10.	-Investigate total cost if
treatment unit:	Estimate	A-Level	be	-Contractor fabrication estimate is \$25,000	work is done in house.
Replace 250 ft. of 10"			replaced	be	
air supply pipe from blower room to			in 2021	\$25K estimate if done by contractor	Investigate RFP/bid
treatment unit.				One estimate was provided by local contractor. Wahlund	מי סיניים/ נווווכ ווווכ.
				unable to provide cost estimate at this time.	-Investigate engineering time line and costs.
				-If over 25K project will need to go out to bid.	
				Funding Ideas: Most likely equipment reserves /I AIE	
				fund. Further investigation could be done for small, state or local grants.	
-One diffuser still	\$5-10K	1-2 year		-We have the material to repair, replace, and maintain	
one needs repair, one		8-Level		the diffusers. We need to schedule a day for the crane operator, Mike Kelley, and Steve Acker to help.	
maintenance					
2) OUTFALL: Repairs.	\$35-41K	1-Year		-Divers have provided a quote for 3 separate jobs.	-Bring bid to board for
Nov 2020 report	Total	A-level		Requires 1 dive to measure hold down rod lengths. Time	discussion in March or
recommends	-			needed to fabricate brackets, then a dive to install,	April. Consider inclusion
replacing last 6 hold	\$5,475	*************		maybe in August 2021.	in 2021-22 budget.
down brackets and	bracket				Schedule project for
continued annual	fabrication			Funding Ideas: Most likely equipment reserves /LAIF	next fiscal year.
inspections.	\$30 000 			fund. Search state and local grant opportunities.	.
	bracket			-Advise we approve fabrication job and install job this	inspections?
	installation			year. Maybe wait a year on the next inspection. Begin	
				serious work on replacement planning rather than	
				continued inspection and repairs.	

	\$10-16K Annual inspection				
3) CONFINED SPACES:	Unknown.	2 -year,	Needs to	-MCCSD does not have the staff, training, or equipment to	-Request qualifications
Reduction and/or		A-Level	happen	safely conduct confined space entries to maintain	from engineering firms
elimination of	Waiting on		soon. Top	equipment.	to help with search for
confined spaces.	cost		District		planning grants, design,
	estimate		safety	-From a safety and liability stand point reducing and	project funding grants,
a) moving two lift	from		concern		and project admin.
stations above	engineers				
ground, modernize	for lift			-The lift stations function, but are almost 50 years old,	-Secure funding based
equipment, and	stations.			and in need of both equipment upgrade and backup	on engineers estimates,
supply back up power	Pre-fab or			removing the	and go out to bid.
sources.	remodel				What are other small
b) on-site (WWTP) 5	Ç			-Unknown cost, design, and permitting time. Assumed to	WWTP's doing to
confined spaces are	Ladder				address this problem
the top priority to	build and				and where is their
eliminate/improve, by	install			-Starting point is a request for qualification form the	funding source?
adding more access	estimate				•
points and or moving	has been			discuss design. District may have to pay out of pocket for	
equipment.	requested			PER. Two years is sort of a minimum time line.	
Most cost effective fix				Funding Ideas: State grants, USDA Grants/Loan (SHN	
to these 5 spaces is				states we are eligible for 45% USDA Grant funding) (GHD	-Seek estimates on
providing additional					additional fixed ladders.
access points. 5 new,				urces	
fixed ladders.				Grants? Safety grant, or back up power grant? Rater	
				payers, increase in service fees?	
4) POND LINER: for	\$50-150K	2-year	Level B	-The pond still functions as designed. 100% of effluent	-See how realistic Phase
equalization basin.		B-Level	priority for		Il funding is. Can pond
The old liner is			•		300000000000000000000000000000000000000
damaged and has					
multiple holes with					

The state of the s

	Grants?			
	disadvantaged community) CA Dept. of Water Resources			multiple sources.
	believe we may quality for 75% Grand Funding as a	-		reliable source, or
	states we are eligible for 45% USDA Grant funding) (GHD			dependable, and
	Funding Ideas: State grants, USDA Grants/Loan (SHN			rights to a strong,
	with finding a source and securing the right to that water.			Locate and Secure
	plans for a community water system we need to start	A/B Level		SEARCH:
	-If we are going to have discussion or develop future	3/5 Year	555	6) WATER SOURCE
	disadvantaged community)			
	believe we may quality for 75% Grand Funding as a			
	states we are eligible for 45% USDA Grant funding) (GHD			
	Funding Ideas: State grants, USDA Grants/Loan (SHN			
	contamination to a neighboring well.			
	-Rehab of beds would reduce the chances of any potential			
	financially or with local resources.			
	-Trucking wet sludge out of the area is not practical			contact/holding tank.
	is fixed.			recycled water
	real option to maintain plant operations until equipment			for the new 50,000 gal
	-If the belt press or dryer break, drying beds are the only			is the proposed site
be.	operations.			-One of the three beds
phase II funding might	-Beds are an essential emergency backup for plant			
-Check how realistic	-District has no desire to ever use drying beds again.			
alternative solutions.	-Neighbors strongly object to beds being used.			three old beds.
-Continue to explore	collection system.			slab in two of the
first step.	-Beds are lined with sand and have a French-drain water			by pouring a concrete
neighbors is a necessary	-Beds are how this plant operated from 1973-2003.	B/C-Level		Rehabilitate two beds
-Discussion with	-All three (3) drying beds are permitted and usable as is.	2/3-year	200K	5) Drying Beds:
	believe we may quality for 75% Grand Funding as a		-	
	states we are eligible for 45% USDA Grant funding) (GHD			
	Funding Ideas: State grants, USDA Grants/Loan (SHN			funding.
	part of Recycled Water Upgrade.			recent plant upgrade project due to
	recycled water upgrades. Might be able to include this as			was cut from the most
	-GHD Engineers looking to help MCCSD find funding for			through. Replacement

Unit is great but getting old, used two days per week. Company went out of business, no more service tech's. If something breaks we have about one week before we have to start using drying beds. Big problems with neighbors. Newer or more efficient options may be available.	5 –Year B-Level	\$700-900K	9) SLUDGE Dryer: Fenton Sludge Drying Unit added in 2003 Is 18 years old, still functional, used weekly, has some issues.
Funding Ideas: State grants, USDA Grants/Loan (SHN states we are eligible for 45% USDA Grant funding) (GHD believe we may quality for 75% Grand Funding as a disadvantaged community) Consider equipment replacement reserves, LAIF fund. Consider grouping it together as a larger project with the dryer, air piping, and or drying beds.			
The press machine was purchased in 1990. Company is out of business. Unit is 31 years old, parts are hard to find, technology has improved. The unit works ok at this point and is used one day per week. If it breaks we would be forced to use sludge drying beds. Problems with neighbors.	5-Year B-Level	\$200-400K	8) SLUDGE BELT PRESS: Replacement of the 31 year old sludge press.
Funding Ideas: State grants, USDA Grants/Loan (SHN states we are eligible for 45% USDA Grant funding) (GHD believe we may quality for 75% Grand Funding as a disadvantaged community) Consider equipment replacement reserves, LAIF fund.			Totally unknown cost. Estimated around 75K
another. If the airlines fail we have hours to repair before we have major operational problems. If the press or dryer fail we have maybe a week before needing to use the drying beds.			Some in worse shape than others, some valves are frozen or rusted. Will need replacement soon.
-These pipes are old and rusting, staff does a lot of painting and preventative maintenance. Some may last two years and others a bit longerThese air pipes, the belt press, and dryer are all essential pieces of equipment. It is hard to say one is a priority over	5-7 Year A/B Level	\$75,000	7) AIR SUPPLY PIPING in Treatment Unit: Top of treatment unit is a maze of metal air supply piping. The

March or April for purchase.				
used for equipment purchaseSeek Board approval in	Funding Ideas: USDA Grant, current project contingency funds, or District equipment reserves/LAIF, or finance.			
contingency that can be	runs, general utility use.			contingency funds.
will hopefully be \$50K	-Tow jetter for annual sewer cleaning and video dimn			with construction
March of 2021. There	-Primary need is to trailer Biosolids to Novato once a			diesel pickup.
upgrade should finish in	to drive out of town.	A-level		Truck: ¾ ton or larger
-Phase 1 of WWTP	-Current pickup is 2001, has multiple problems, is not safe	6 months	\$50-70K	1) Utility Pick Up
				Short Term Equipment Needs
	mid-sized project with a goal of completion in 5 years.	B-Level	Million	
	Consider combining short term projects, 7-10 into one	5-Year	\$ 1.5	PROPOSAL:
	to USDA or State grants. State energy rebate funding?			
	Funding Ideas: Maybe LAIF/District reserves, or maybe			costs for solar
				current estimate on
	assessment.			photo cell shingles. No
	-Engage Bruce at Mendo Solar to get preliminary			add solar array or
	-Coastal Commission issues?			-Good opportunity to
	-MHRB issues?			
	solar installation and emergency independence.		for solar	at most.
	If roof is being replaced it might be the time to explore		Inknown	Maybe 5 more years
			1	end of its useful life.
	estimated the joh	ט- ניין מאַ	2020	The roof is near the
	-Reawood Roofers observed the roof condition in	5-Year	Detimate in	Office Building
	Grants?			
	believe we may quality for 75% Grand Funding as a			
	states we are eligible for 45% USDA Grant funding) (GHD			
	Funding Ideas: State grants, USDA Grants/Loan (SHN			

	Funding Ideas: State grants, USDA Grants/Loan (SHN states we are eligible for 45% USDA Grant funding) (GHD believe we may quality for 75% Grand Funding as a disadvantaged community) CA Dept. of Water Resources Grants?				
	-Funding and permitting are top concerns -SHN engineers estimated replacement at \$5 million in 2018, per Mike Kelley, but can't locate estimateCould be combined with a new treatment unit as larger project				-996ft Pipe -Cost estimate is rough
	ENV review -Consider horizontal boringAlready spent \$280K on inspections and repairs since	A-Level	only	Million	outfall to the oceanTop priority long term project, based on
	-8 to 10 years for planning, design, funding permitting	8-10 vear	S/T Repair	\$8-10	List 1) OUTFALL: A new
-Seek Board approval in March or April to purchase cabinets from current budget.	We just completed a new lab building but it has not sink, no cabinets, or counter. This is a necessary expense. Funding Ideas: USDA Grant, current project contingency funds, or District equipment reserves/LAIF, or donation.		6 Month A-Level	\$6,000	3) Cabinets and counter for Lab: Quote in hand, just need approval.
-Phase 1 of WWTP upgrade should finish in March of 2021. There will hopefully be \$50K remaining in contingency that can be used for equipment purchaseSeek Board approval in March or April for purchase.	-Currently the district has one composite sampling machine. It is old and worn. Our State Discharge Permit requires both influent and effluent weekly composite samples testing. Our permit makes it necessary to have this equipment, and maintain it in good working order. Funding Ideas: USDA Grant, current project contingency funds, or District equipment reserves/LAIF.		6 months A-Level	\$10,000	2) Auto Sampler: 2 portable composite sample units.

z) SECONDARY/NEW TREATMENT UNIT: Construction of the second treatment unit as originally designed, to replace/supplement our 47-year-old unit. Only secondary to outfall because of outfall condition.	10-12 million at last estimate	Short term N/A	10 Year A-level	-WWTP are typically designed with 200-300% redundancy. MCCSD doesn't have this. Current treatment unit was designed to operate for 30 years, we are almost 20 years past life expectancy. If something breaks we can divert flow for 3-5 days. Not much time to repair. A second unit would allow for maintenance to old unit, provide a backup in the event of problems, likely more efficient. -Can or should the outfall replacement and a new treatment unit be combined into one large project? -Unsure of best location on property for the new unit.	
Only secondary to outfall because of outfall condition.				-Can or should the outfall replacement and a new treatment unit be combined into one large project? -Unsure of best location on property for the new unit. Funding Ideas: State grants, USDA Grants/Loan (SHN states we are eligible for 45% USDA Grant funding) (GHD believe we may quality for 75% Grand Funding as a disadvantaged community) CA Dept. of Water Resources Grants?	
3) RECYCLED WATER SYSTEM UPGRADE: phase two of the WWTP upgrade, recycled water system improvement (about \$2 million per SHN engineer's last estimate)Good P.R. good for the community -Reduces discharge into the ocean.	\$2 million	If GHD can secure funding this could become a high priority short term project	10 Year B-Level	Roughly 5-10% of treated water is currently recycledbig challenges on water quality. Phase two project is tied to school upgrade and fire suppression. Potential to help recharge aquifer but serious challenges. Total outflow averages about 33 million gal. per year. -Currently consulting with GHD engineering on funding sources and a project timeline. -GHD says we need to put out a RFQ (request for qualifications) GHD believes MCCSD may qualify as a DAC (disadvantaged community) allowing up to 75% grant funding).	

	-Evergreen St.; Little Lake between HW1 and Lansing; and a section of Main st.; need to be replaced.			System is 47+ years old, at some point it
	disasters.		······	condition. A few areas need repair.
	system will need to be replaced. Long term most of the system should last another 20 years baring no significant			system is in decent
	-Short term, 2-5 years a few section of the collection			
	cleaning.	B-Level		SYSTEM REPLACEMENT:
		10-30 Year	Unknown	4) COLLECTIONS
	Grants?	***************************************		
	disadvantaged community) CA Dept. of Water Resources			
	states we are eligible for 45% USDA Grant funding) (GHD heliove we may quality for 75% Grand Funding of			
Alexandria de la constanta de	Funding Ideas: State grants, USDA Grants/Loan (SHN			
	board should be aware of the concerns.			1
	Providing recycled water increases District expenses and	***************************************		
	liability for the District, testing, reporting, and managing.			
	-Rooveled water transfors croate a let of outro work and			
	al.pdf			
	ed			un little lake Road
	https://www.waterboards.ca.gov/board_decisions/adopt			need to pump so
		***************************************		reducing the school's
	for-recycled-water-has-ripple-effects/			district use, thus
	https://www.ppic.org/blog/californias-growing-demand-			water for school
	recycling/			and more recycled
	https://casaweb.org/renewable-resources/water-			athletic field irrigation,
	with life suppliession resources.			in town increased
	Recycled water use is good for the school, and can help			-could supply recycled
			_	>

	Raises key questions of do we proceed bit by bit or explore and pursue a comprehensive plan Big issue is exploratory, planning funding in \$2-5 million then \$40-				
	begin construction.				considered.
	Secure funding, secure permitting. RFP's, go out to bid.				Climate changes
	and infrastructure, search for construction funding.		,		2050
	preliminary engineering. Develop a plan, design storage		- American		be surveyed through
	priority. Locate and secure a source. Find funding for		************		Current customers to
	Process: survey, have the majority of users deem it a				source.
			•		Still no good water
	use would still be restricted during drought years.				priority projects.
	you force all members to join and pay for water? Water				and many higher
	No current funding for design or source search. How do				financial resources,
	good wells and don't want to pay for a municipal system.				District has limited
	Very political, "water wars" many private properties have				
en talkanak d	No good water source was found or secured.				majority of customers.
	Problems:	level			but it works for the
		B or C			GWM is not perfect
,	no great water source located.	Year,			The current system of
	the 1990's. It was cost prohibitive, politically divisive, and	20-30	Priority		WATER SYSTEM:
	MCCSD Looked into creating a municipal water system in	Long Term	S/T Low	Unknown	5) COMMUNITY
	Grants?				
	disadvantaged community) CA Dept. of Water Resources	-			
	states we are eligible for 45% USDA Grant funding) (GHD				
	Funding Ideas: State grants, USDA Grants/Loan (SHN				
	Municipal potable water system				
	-This could be basis of comprehensive plan over 10-30	į			
	prior 2036.				replaced.
	-County repaving schedule has nothing in town scheduled				will need to be

-Project 3, recycled water upgrades is closely tied to the school project. With assistance to funding it becomes a priority short term project, with difficult funding it becomes a long term project. Further discussion with GHD engineering will help determine potential funding sources and work load for the District, resulting in how the project is prioritized.		\$2 million	Proposal: 3
-Consider combining long term projects four and five (new collections system, and community water system) into one large project with a 30 year goal of completion.	30-Year B-Level	\$40 million ???	Proposal: 2
-Consider combining long term projects one and two (outfall replacement, secondary treatment unit) into one large project with a 10 year goal of completion.	10- Year A-level	\$25 million	Proposals: 1
Funding Ideas: State grants, USDA Grants/Loan (SHN states we are eligible for 45% USDA Grant funding) (GHD believe we may quality for 75% Grand Funding as a disadvantaged community) CA Dept. of Water Resources Grants? Loans with State matching funds.			
100 million to upgrade whole thing with potable water or some other solution to groundwater issueslong-term big approachl think worth discussion and some estimates on timing and costs could be tied to a replacement of collections system.			