

INFRASTRUCTURE COMMITTEE

REGULAR MEETING Thursday, April 19, 2018 - 10:00 AM 2850 Burton Drive Cambria CA 93428

AGENDA

- A. CALL TO ORDER
- B. ESTABLISH QUORUM
- C. CHAIRMAN'S REPORT

1. PUBLIC COMMENT

Members of the public may now address the Committee on any item of interest within the jurisdiction of the Committee but not on its agenda today. In compliance with the Brown Act, the Committee cannot discuss or act on items not on the agenda. Each speaker has up to three minutes. Speaker slips (available at the entry) should be submitted to the District Clerk.

2. REGULAR BUSINESS

- A. Consideration to Approve the April 10, 2018 Regular Meeting Minutes
- B. Discussion and Consideration Regarding the Wastewater CIP List
- C. Discussion and Consideration to Establish Regular Meeting Dates & Times Limited to 2 Hours
- D. Discussion and Consideration of the Measure of Success and the End Date of the Committee

3. FUTURE AGENDAITEMS

4. ADJOURN



INFRASTRUCTURE COMMITTEE

REGULAR MEETING Tuesday, April 10, 2018 - 10:00 AM 2850 Burton Drive Cambria CA 93428

MINUTES

A. CALL TO ORDER

Jim Bahringer called the meeting to order at 10:18 a.m.

B. ESTABLISH QUORUM

A quorum was established.

Committee members present: Jim Bahringer, Harry Farmer, Muril Clift, Mike Lyons and Karen Dean

Staff present: General Manager Jerry Gruber, District Engineer Bob Gresens and Administrative Services Officer/District Clerk Monique Madrid

C. ELECTION OF CHAIR AND VICE CHAIR

Mike Lyons nominated Jim Bahringer to serve as the Chairman through December 2018.

Muril Clift seconded the motion.

Motion Passed: 4-Ayes (Lyons, Clift, Bahringer, Dean), 0-Nays, 0-Absent, 1- Abstain (Farmer)

Mike Lyons moved to nominate Muril Clift as Vice Chair.

Muril Clift advised he could not commit to the additional time necessary to accept this appointment.

Director Farmer moved to nominate Karen Dean as Vice Chair.

Karen Dean was confirmed as Vice Chair through consensus.

1. PUBLIC COMMENT

None.

2. REGULAR BUSINESS

A. Discussion of Infrastructure Committee Scope of Responsibilities and Functions

Chairman Bahringer introduced the item and asked for public comment.

Committee member Farmer asked to have the committee and public attendees introduce themselves.

Introductions were made by the following individuals: Monique Madrid
Muril Clift

Karen Dean Harry Farmer Mike Lyons

Dewayne Lee

Paul Řeichart (prepared a list)

Jon Martinez

Jerry Gruber

Bob Gresens

A discussion was held to explore the scope of responsibility for the committee.

Muril Clift asked for the Board and the General Manager's expectations of the committee.

The committee defined the following scope of work:

- 1. CIP acceleration
- 2. Grants
- 3. Concentrate on things of which staff do not have time

The committee defined the scope of committee:

- 1. Wastewater is highest priority
- 2. Water distribution
- 3. SWF

District Engineer Bob Gresens asked to allow committee to understand how priorities are set with the CIP list and named these items as high priority:

- 1. Influent Screen
- 2. Nitrate removal

Chairman Bahringer asked to include Paul Reichart's list and the current CCSD CIP list (attached) separated by department in the next agenda. The committee will discuss the Wastewater CIP list at the next meeting and the Water CIP at the following meeting.

Committee member Farmer commented and acknowledged he isn't supposed to, but he talked to John Allchin. He said he would like to talk with Jason Buhl and John Allchin, and would like them to attend these meetings.

The committee reached consensus that all committee members are to go through the General Manager or Chairman to request any information related to the Infrastructure Committee.

B. Discussion of Committee Procedures, Including Agenda Setting Process, Establishment of Regular Meeting Dates & Times, and Responsibilities of Members

Chairman Bahringer suggested the Chairman and Vice Chair discuss what to put on the Agenda and at the next meeting the committee will set the regular meeting schedule with all meetings being limited to two hours. The committee agreed to hold a meeting on Thursday, April 19, 2018 at 10:00 a.m. with the focus on the Wastewater CIP list and having John Allchin attend.

3. FUTURE AGENDA ITEMS

What is the measure of success and the end date of the Committee?

4. ADJOURN

Chairman Bahringer adjourned the meeting at 11:41 a.m.



Wastewater CIP - Capital Improvement Program

DRAFT - For Discussion Only

12/21/2017 Revised

'		Total Project	Outside Grant		Expansion [X], Replacement [iget Year						-			Check	of total
	Line/Project	Estimate	Funding		Operations [O]		•		Year					Proje	ected					NEOR OF THE SERVE
	No.								FY16/17	Y17/18	FY18/19	FY19/20	FY20/21	FY21/22	FY19/20	FY20/21	FY21/22	FY22/23	FY23/24	Total
	Wastewater Projects																			
1A	Electrical engineering design & cost estimate for WWTP's main incoming power breaker & MCC work					20 80		1			\$ 50,000									\$ 50,000
1B	Replace WWTP main power supply breaker and auto-transfer switch; (or, do project 1C.)				R	20 80		1				\$ 30,000								\$ 30,000 \$ 300,000
1C	Replace main incoming power Motor Control Center with Y-configuration supply; (or, do project 1B)			ļ	R	20 80 20 80		2				\$ 300,000			<u> </u>				 	\$ 25,000
2	Incoming power supply monitoring system Neutral wire Installatrion from PG&E-provided delta to wye main replacement transformer to main MCC				R	20 80		1				\$ 20,000								\$ 20,000
4	Replace main WWTP backup power generator					20 80		2				\$ 200,000								\$ 200,000
6	Blower electrical room air filtration/conditioning for moisture & corrosion control					20 80		2					\$ 10,000	<u></u>						\$ 10,000
7	Replace digester catwalk handrailings, clean, and paint				R	20 80		1	\$	70,000			40.000		<u> </u>	 				\$ 70,000 \$ 10,000
8	Cathodic protection replacements at digesters				R R/O	20 80		3 1	ے ۔۔۔	125,000			\$ 10,000		 	 	1			\$ 125,000
9	Influent screen, support platform design, & installation Plant non-potable 3W improvements & non-potable sprays for screw press	-		-	K/O	20 80		1		15,000					\vdash		İ			\$ 15,000
11	Improve grit tank hydraulic capacity (placeholder, insert approx \$10% cost if needed)		1.10-1-1		X/R/O	20 20		1												\$ -
13	Cleaning of pipelines from headworks to aeration tanks (after screen Installation), including cleanout additions						100	1			\$ 30,000									\$ 30,000
14	Cleaning of aeration basins (after screen installation)						100	1			\$ 20,000					 				\$ 20,000 \$ 20,000
15	Repair or replace protective surge tank for plant effluent pipeline					20 80	100	3			\$ 20,000	\$ 40,000		 	 	 				\$ 40,000
16 17	Demo and remove old flow equalization tanks in SW corner of plant Automate aeration D.O. control system (CVs at air headers, press control @ main air header, new DO probes)		1		X/R/O	20 20		2			\$ 150,000	3 40,000		 						\$ 150,000
18	WWTP Update BNR Modeling Update & Value Engineering (early half of FY)			<u> </u>	X/R/O	20 20		1			\$ 40,000									\$ 40,000
19	Aeration tank baffles, anoxic mixers, & ML recirc system (later half of FY)				R/O	20 80		1			\$ 120,000									\$ 120,000 \$ 3,000
20	Clarifier Repairs (replace eastern drive unit's metalic hubs with non-corrosive hubs)					20 80		1		3,000						 				\$ 3,000 \$ 5,000
21	Replace clarifier wear shoes - (western clarifier)	-				20 80		2	\$	5,000	\$ 7,500	<u> </u>								\$ 7,500
22A 22B	Western clarifier - Replace wear strips along bottom of tank Western clarifier - Replace clarifier chain, wear shoes, skid plates, & sprockets after 10 years use	-		1		20 80		3			4 1,500 Y			 					\$ 30,000	\$ 30,000
23	Replace clarifier chain, wear shoes, skid plates, & sprockets after 10 years use (eastern clarifier)					20 80		3			\$ 30,000									\$ 30,000
24	Replace effluent pump (southern pump)					20 80		1	\$	25,000										\$ 25,000
25	Long-term plant upgrades - new sludge digester, flow equalization improvements, denite/phosphorous removal					20 80		3				\$ 250,000	\$ 250,000		\$ 250,000 \$ 60,000		\$ 250,000			\$ 1,500,000 \$ 360,000
26	Annual electrical & instrumentation improvements				X/R/O X/R/O	20 20		2		50,000	\$ 60,000 \$ 50,000	\$ 60,000 \$ 50,000	\$ 60,000 \$ 50,000							\$ 350,000
27	SCADA System - Wastewater Collections & WWTP - long-term improvements Upgrade/replace aeration blowers				X/R/O X/R/O	20 20		2	3	30,000	3 30,000	3 30,000	3 30,000	\$ 30,000						\$ 180,000
29	Vactor truck - replace with new \$450K truck that meets emssion requirements (10 yr loan @ 4.5%)	-				20 80		2			\$ 56,000	\$ 56,000	\$ 56,000				\$ 56,000	\$ 56,000	\$ 56,000	\$ 504,000
30	Replacement Dump Truck (100% of cost now in water)					20 80		2	\$	-										\$ -
31	Engine Driven Portable Pump					20 80		1	\$	54,000			ļ							\$ 54,000 \$ 20,000
32	Effluent P.S. bypass piping					20 80		1			\$ 20,000 \$ 50.000		 	<u> </u>						\$ 50,000
33 34	Collection System smoke testing					 	100	2			\$ 50,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	 			 	\$ 200,000
34	Annual manhole inspections and report on needed corrections (approx. 20% of system/yr) Collection System Phased televising & cleaning	-			R/O		100	2			\$ 100,000	\$ 100,000	\$ 100,000		\$ 100,000					\$ 500,000
35	Collection System Assessment software (E.g., t4 Spatial or other)			6044	.,, -		100	2		İ	\$ 10,000									\$ 10,000
36	Collection System Assessment/engineering for repairs						100	2			·	\$ 30,000	\$ 30,000				4 50 000	ć <u>50.000</u>	\$ 50,000	\$ 150,000
37	Collection System Repairs to reduce i/I & damaged pipe sections					<u> </u>	100	2			\$ 50,000	\$ 50,000	\$ 50,000 \$ 10,000		\$ 50,000		\$ 50,000			\$ 100,000
38	Manhole raising due to street overlays & roadway work			-	X/R/O	20 80		1	\$	10,000	\$ 10,000 \$ 10,000	\$ 10,000 \$ 80,000	\$ 10,000	\$ 10,000	\$ 10,000	3 10,000	3 10,000	3 10,000	\$ 10,000	\$ 90,000
39 40	Lift Station A (Nottingham & Leighton/Park Hill) new control panel at grade el. Lift Station A (Nottingham & Leighton/Park Hill) new submsersible pumps, MCC, bypass piping	-	 		X/R/O	20 20		2			J 10,000	\$ 00,000		\$ 50,000	\$ 350,000		1			\$ 400,000
41	Lift Station A-1 (Sherwood & Harvey/Marine Terrace) new control panel at grade el.			1	X/R/O	20 20		1			\$ 60,000									\$ 60,000
42	Lift Station A-1 (Sherwood & Harvey/Marine Terrace) submersible pumps, MCC, bypass piping				X/R/O	20 20		2						\$ 40,000	\$ 225,000					\$ 265,000 \$ 85,000
43	Lift Sation 4 (DeVault PI/Seaclift Estates) VFDs /new elect panel & 3 phase pump motors			6170	R/O	20	80	3				\$ 25,000	\$ 60,000				-			\$ 30,000
44	Lift Sation B improvements (SR Creek/behind Park Hill) new control panel			6170	X/R/O X/R/O	20 20 20 20		1				\$ 30,000			\$ 300,000		+		-	\$ 300,000
45 46	Lift Station B - new wet well, submersible pumps, and valve vault (placeholder) Lift Station B - replace existing generator	1			X/R/O X/R/O	20 20		2				\$ 60,000			y Jacquese					\$ 60,000
47	Lift Station B-1 (Village Ln/Tin City) relocate away from Feb 2017 landslide area (potential 50% FEMA 406 funding)					20 20						\$ 300,000								\$ 300,000
48	Lift Station B-2 (Wood Dr./E. Lodge Hill) new control panel at grade el.			6170	X/R/O	20 20	80	1				\$ 75,000			A 450 555		\$ 315,000			\$ 425,000 \$ 250,000
50	Lift Station B-3 (Green St./W. Lodge Hill) new control panel followed by future submserible pumps, MCC, bypass piping					20 20						\$ 90,000	 	\$ 20,000	\$ 160,000		+		 	\$ 260,000
51 52	Lift Station B-4 (Green & Gleason/W. Lodge Hill) new submserible pumps, bypass piping Lift station 9 - replace corroded main incoming power breaker				X/R/O	20 20 100		1		+	\$ 8,000		 	⇒ <u>∠0,000</u>	\$ 240,000					
53	Replacement and New PCs for operators						80				\$ 10,000					\$ 10,000				\$ 20,000
54	Seal coat AC pavement at WWTP			-		 		3			\$ 15,000								\$ 15,000	
55	Annual painting of WWTP and lift station facilities							2	\$	10,000		\$ 10,000								\$ 100,000
56	Annual maintenance and upgrading to GIS				R/O		80	3	\$	5,000	\$ 10,000		\$ 10,000 \$ 3,000							\$ 95,000 \$ 66,000
57	Miscl WWTP lab upgrades & investment in electronic self-monitoring reporting			6045	R/O	20		3	\$	25,000	\$ 15,000 \$ 25,000	\$ 5,000 \$ 50,000	φ 3,000	الانارة د	3 3,000	3,000	, 3,000	- J.,000	7 0,000	\$ 75,000
58 59	Finance/billing software upgrade (wastewater est'd @ 50%) Administrative Offices - est'd wastewater proportion @ 1/3 of 20 yr loan payment			0045	X/R/O	20 20		4			+ 20,000	\$ 10,000	\$ 10,000	\$ 10,000						\$ 80,000
	/ehicle Replacement Program				9-9-	100		3		25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000						\$ 250,000
61	ortable equipment replacement program (Vacto, backhoes, generators and pumps)							4		15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 150,000 \$ 15,000
62	iser Fee study (wastewater rates portion)			6080M	0		100	1	\$	15,000			<u> </u>	L	<u> </u>	1	1	<u> </u>	1	15,000
							г		c . lc	452 000	\$ 1.146 500	\$ 2,046,000	\$ 799,000	\$ 859.000	\$ 2,144,000	\$ 594,000	\$ 754,000	\$ 189,000	\$ 234,000	\$ 9,217,500
							1		v - 12.	-102,000	- 111-10,000	7 2,0.10,000								
			Priority Lev	el 1 projects:					\$ - \$			\$ 850,000	\$ 13,000	\$ 13,000	\$ 313,000	\$ 48,000	\$ 328,000	\$ 13,000	\$ 13,000	\$ 2,316,000
			Priority Lev	el 2 projects:	~~~				\$ - \$	65,000	\$ 643,500	\$ 771,000	\$ 406,000	\$ 536,000	\$ 1,521,000	\$ 236,000	\$ 116,000	\$ 116,000	\$ 116,000	\$ 4,526,500
				el 3 projects:		\vdash	 		\$ - \$			\$ 400,000	\$ 355,000	\$ 285,000	\$ 285,000	\$ 285,000	\$ 285,000 \$ 25,000	\$ 35,000		\$ 2,145,000
			Priority Lev	rel 4 projects:					\$ - \$			\$ 25,000				•			- A	
							Г		\$ - \$	452,000	\$ 1,598,500	\$ 3,644,500	\$ 4,443,500	\$ 5,302,500	\$ 7,446,500	\$ 8,040,500	\$ 8,794,500	\$ 8,983,500	\$ 9,217,500	\$ 9,217,500

Wastewater CIP - Capital Improvement Program

DRAFT - For Discussion Only

12/21/2017 Revised

\$ - \$ 452,000 \$ 1,598,500 \$ 3,644,500 \$ 4,443,500 \$ 5,302,500 \$ 7,446,500 \$ 8,040,500 \$ 8,794,500 \$ 8,983,500 \$ 9,217,500 \$ 9,217,500

		W. J. J. D	Outside Grant	02-44	Expansion (X),					Budget Year									Check o	of total
	Line/Project	-	Funding		Operations [0]	5 X	K U	капкв)	Year_					Proj	ected					
	No.	_							FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	FY21/22	FY19/20	FY20/21	FY21/22	FY22/23	FY23/24	Total
	Wastewater Projects							l												
1A	Electrical engineering design & cost estimate for WWTP's main incoming power breaker & MCC work					20		1			\$ 50,000	4		<u> </u>		 				\$ 50,000
1B 1C	Replace WWTP main power supply breaker and auto-transfer switch; (or, do project 1C.)	_	1		R	20 3		1 1	-			\$ 300,000		 		 			 	\$ 300,000
2	Replace main incoming power Motor Control Center with Y-configuration supply; (or, do project 1B) Incoming power supply monitoring system				R	20		2	1			\$ 25,000	1			 				\$ 25,000
3	Neutral wire installatrion from PG&E-provided delta to wye main replacement transformer to main MCC			1	R	20		1				\$ 20,000								\$ 20,000
4	Replace main WWTP backup power generator					20		2				\$ 200,000	<u> </u>				ļ		 	\$ 200,000
6	Blower electrical room air filtration/conditioning for moisture & corrosion control				<u> </u>	20		1		\$ 70,000			\$ 10,000	 		 	 		 	\$ 70,000
8	Replace digester catwalk handrailings, clean, and paint Cathodic protection replacements at digesters	- 			R	20 3		3		\$ 70,000			\$ 10,000							\$ 10,000
9	Influent screen, support platform design, & installation				R/O	20 3		1	1	\$ 125,000										\$ 125,000
10	Plant non-potable 3W improvements & non-potable sprays for screw press					20 3		1		\$ 15,000							1		 	\$ 15,000
11	Improve grit tank hydraulic capacity (placeholder, insert approx \$10K cost if needed)				X/R/O	20 1	20 80				\$ 30,000			 	 		 		+	\$ 30,000
13	Cleaning of pipelines from headworks to aeration tanks (after screen installation), including cleanout additions Cleaning of aeration basins (after screen installation)			ļ		╁	100				\$ 20,000		 		 		 		 	\$ 20,000
15	Repair or replace protective surge tank for plant effluent pipeline	-				20 8		2			\$ 20,000									\$ 20,000
16	Demo and remove old flow equalization tanks in SW corner of plant						100	3				\$ 40,000					<u> </u>		ļ	\$ 40,000
17	Automate aeration D.O. control system (CVs at air headers, press control @ main air header, new DO probes)				X/R/O	20					\$ 150,000		ļ		 	<u> </u>	ļ		+ +	\$ 150,000
18 19	WWTP Update BNR Modeling Update & Value Engineering (early half of FY) Aeration tank baffles, anoxic mixers, & ML recirc system (later half of FY)	 			X/R/O R/O	20 2		1			\$ 40,000 \$ 120,000		 	 	 	 	 	 		\$ 120,000
20	Aeration tank battles, anoxic mixers, & ML recirc system (later half of FY) Clarifier Repairs (replace eastern drive unit's metalic hubs with non-corrosive hubs)				170	20 8		1	1 1	\$ 3,000	7 120,000		 	—						\$ 3,000
21	Replace clarifier wear shoes - (western clarifier)					20 8		2		\$ 5,000										\$ 5,000
22A	Western clarifier - Replace wear strips along bottom of tank	1				20 8		2			\$ 7,500						 		\$ 30,000	\$ 7,500
22B	Western clarifier - Replace clarifier chain, wear shoes, skid plates, & sprockets after 10 years use					20 8		3			<u> </u>					 	 	-	\$ 30,000	\$ 30,000
23 24	Replace clarifier chain, wear shoes, skid plates, & sprockets after 10 years use (eastern clarifier) Replace effluent pump (southern pump)			-		20 8		3		\$ 25,000	\$ 30,000			 	 	<u> </u>	 		 	\$ 25,000
25	Long-term plant upgrades - new sludge digester, flow equalization improvements, denite/phosphorous removal					20 8	_	3		23,000		\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000			\$ 1,500,000
26	Annual electrical & instrumentation improvements	1			X/R/O		20 80	2			\$ 60,000	\$ 60,000	\$ 60,000							\$ 360,000
27	SCADA System - Wastewater Collections & WWTP - long-term improvements				X/R/O		20 80	2		\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000				ļ		4	\$ 350,000
28	Upgrade/replace aeration blowers				X/R/O	_	80	2			\$ 56,000	\$ 56,000	\$ 56,000	\$ 30,000 \$ 56,000	\$ 150,000	\$ 56,000	\$ 56,000	\$ 56,000	\$ 56,000	\$ 504,000
29 30	Vactor truck - replace with new \$450K truck that meets emssion requirements (10 yr Ioan @ 4.5%) Replacement Dump Truck (100% of cost now in water)					20 8		2		\$ -	\$ 56,000	\$ 56,000	\$ 20,000	\$ 36,000	3 30,000	30,000	3 50,000	3 30,000	30,000	\$ -
31	Engine Driven Portable Pump	1				20 8		1		\$ 54,000						Ī				\$ 54,000
32	Effluent P.S. bypass piping					20 8		1			\$ 20,000									\$ 20,000
33	Collection System smoke testing						100				\$ 50,000			40.000	\$ 40,000		1			\$ 50,000
34	Annual manhole inspections and report on needed corrections (approx. 20% of system/yr)				R/O	\vdash	100 100				\$ 40,000 \$ 100,000	\$ 40,000 \$ 100,000	\$ 40,000 \$ 100,000						 	\$ 500,000
34 35	Collection System Phased televising & cleaning Collection System Assessment software (E.g., t4 Spatial or other)	-		6044	R/O	\vdash	100				\$ 10,000	3 100,000	3 100,000	7 100,000	1 200,000					\$ 10,000
36	Collection System Assessment/engineering for repairs			0011			100		-		\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000						\$ 150,000
37	Collection System Repairs to reduce I/I & damaged pipe sections						100	2			\$ 50,000	\$ 50,000	\$ 50,000							\$ 450,000
38	Manhole raising due to street overlays & roadway work					20 8		1		\$ 10,000			\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 100,000
39 40	Lift Station A (Nottingham & Leighton/Park Hill) new control panel at grade el.	-			X/R/O X/R/O	20 2	0 80 0 80	2			\$ 10,000	\$ 80,000		\$ 50,000	\$ 350,000			<u> </u>	1	\$ 400,000
40	Lift Station A (Nottingham & Leighton/Park Hill) new submsersible pumps, MCC, bypass piping Lift Station A-1 (Sherwood & Harvey/Marine Terrace) new control panel at grade el.				X/R/O		0 80				\$ 60,000			30,000	350,000					\$ 60,000
42	Lift Station A-1 (Sherwood & Harvey/Marine Terrace) submersible pumps, MCC, bypass piping				X/R/O		0 80				, , , , , , , , , , , , , , , , , , , ,			\$ 40,000	\$ 225,000					\$ 265,000
43	Lift Sation 4 (DeVault PI/Seaclift Estates) VFDs /new elect panel & 3 phase pump motors			6170	R/O		08 0					\$ 25,000	\$ 60,000							\$ 85,000
44	Lift Sation B improvements (SR Creek/behind Park Hill) new control panel	ļ		6170	X/R/O		0 80					\$ 30,000			\$ 300,000		 	-	 	\$ 300,000
45 46	Lift Station B - new wet well, submersible pumps, and valve vault (placeholder) Lift Station B - replace existing generator	 / 			X/R/O X/R/O		0 80 0 80					\$ 60,000			300,000		 		1	\$ 60,000
47	Lift Station B-1 (Village Ln/Tin City) relocate away from Feb 2017 landslide area (potential 50% FEMA 406 funding)						0 80					\$ 300,000								\$ 300,000
48	Lift Station B-2 (Wood Dr./E. Lodge Hill) new control panel at grade el.			6170	X/R/O		0 80					\$ 75,000			ļ		\$ 315,000			\$ 425,000
50	Lift Station B-3 (Green St./W. Lodge Hill) new control panel followed by future submserible pumps, MCC, bypass piping						0 80					\$ 90,000		\$ 20,000	\$ 160,000		 		 	\$ 250,000
51	Lift Station B-4 (Green & Gleason/W. Lodge Hill) new submserible pumps, bypass piping	 			X/R/O		00 80	1			\$ 8,000			\$ 20,000	\$ 240,000		 			200,000
52 53	Lift station 9 - replace corroded main Incoming power breaker Replacement and New PCs for operators	-	•				0 80				\$ 10,000					\$ 10,000				\$ 20,000
54	Seal coat AC pavement at WWTP						100				\$ 15,000								\$ 15,000	\$ 30,000
55	Annual painting of WWTP and lift station facilities						100			\$ 10,000		\$ 10,000				\$ 10,000				
56	Annual maintenance and upgrading to GIS				R/O		0 80			\$ 5,000	\$ 10,000	\$ 10,000	\$ 10,000 \$ 3,000							\$ 95,000
57 58	Miscl WWTP lab upgrades & investment in electronic self-monitoring reporting Finance/billing software upgrade (wastewater est'd @ 50%)			6045	R/O		0 80			\$ 25,000	\$ 15,000 \$ 25,000	\$ 5,000 \$ 50,000	3,000 د	φ 3,000	3,000	3,000	3,000	2 3,000	7 2,000	\$ 75,000
59	Administrative Offices - est'd wastewater proportion @ 1/3 of 20 yr loan payment			0043	X/R/O		0 80		1		Ş 20,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000		\$ 80,000
60	Vehicle Replacement Program						00	3		\$ 25,000		\$ 25,000	\$ 25,000	\$ 25,000						\$ 250,000
	Portable equipment replacement program (Vacto, backhoes, generators and pumps)							4		\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 150,00 \$ 15,00
62	User Fee study (wastewater rates portion)			6080M	0		100	1		\$ 15,000			L	<u> </u>	1		<u> </u>	<u> </u>		\$ 15,00
									S -	\$ 452,000	\$ 1,146,500	\$ 2,046,000	\$ 799.000	\$ 859.000	\$ 2,144,000	\$ 594,000	\$ 754,000	\$ 189,000	\$ 234,000	\$ 9,217,50
								Ь	1 7 - J	7. 7.2.,000	+ x)x (0)000	7 272 (0,000								
		1	Priority Lev	el 1 projects:					\$ -	\$ 342,000		\$ 850,000				\$ 48,000			\$ 13,000	
				rel 2 projects:				<u> </u>	\$ -	\$ 65,000	\$ 643,500	\$ 771,000	\$ 406,000	\$ 536,000	\$ 1,521,000	\$ 236,000	\$ 116,000		\$ 116,000	\$ 4,526,500
				el 3 projects:		-	—	 		\$ 30,000 \$ 15,000	\$ 105,000	\$ 400,000	\$ 355,000	\$ 285,000	\$ 25,000	\$ 285,000	\$ 25.000	\$ 25,000		\$ 230,000
		L	retority Lev	el 4 projects:				,1	17 -	υ 13 ₇ 000	÷ 13,000	y 20,000	, 4 20,000	1 2 20,000	<u>, 20,000</u>		, ,			