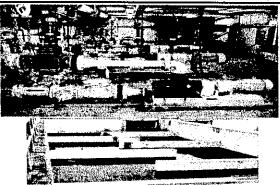
TOWN ADMINISTRATOR PROPOSED 2021-2030 Capital Improvement Program

Page #											
110	WASTEWATER FUND	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
111	Wastewater Facilities Plan	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000
112	WWTP Major Components Contingency	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000
113	Collection System Repair/Upgrade (Town/UNH)	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000
114	Collection System Repair/Upgrade (Town Only)	65,000	65,000	65,000	65.000	65,000	65,000	65,000	65,000	65,000	65,000
115	Backhoe Replacement (Cost split with Sanitation & Water)	28,500					,				
116	Commercial Lawnmower Replacement		17,500								
117	Sewer Jet/Vac Truck Replacement			340,000							
118	WWTP Phase III				2,850,000						
119	Pickup Truck Replacement (One Ton)									41,000	` 42,000
	WASTEWATER FUND TOTALS	598,500	587,500	910,000	3,420,000	570,000	570,000	570,000	570,000	611,000	612,000

PROJECT YEAR	2021-2030	PROJECT COST			\$425,000
DESCRIPTION	Wastewater Facilities Plan	DEPARTMENT	-		Public Works - Wastewate
IMPETUS FOR PROJEC	T (IE. MANDATED, COUNCI	L GOAL, DEPT INITIATI	VE, E	TC.)	
Dept Initiative					
DESCRIPTION (TO INCL	UDE JUSTIFICATION)				
•	ity Plan Update which will be completed	In 2020. The following projects are	Immedi	iate prioritles	as determined from prellminary sit
2021 - \$425,000 - Primary Clarifiers	and Mechanisms				
<u> 2022</u> - \$425,000 - Secondary Clarifi	er Mechanical Upgrade 1				
2023 - \$425,000 - Secondary Clarifi	er Mechanical Upgrade 2				
<u>2024</u> - \$425,000 - Aeration Tanks S	tructural Concrete and Mechanical				
	Per current Agreement, these pr	rojects would be funded 2/3 U	NH ar	id 1/3 Towr	1.
ESTIMATED COSTS:	PRELIMINARY STUDY, DES	GIGN AND ENGINEERING	\$	-	
	FINAL DESIGN AND ENGINEERING			-	
	CONSTRUCTION ENGINEER	RING OVERSIGHT	\$	-	
	CONSTRUCTION COSTS		\$	425,000	
	CONTINGENCY		\$	-	_
·	TOTAL PROJECT COST		\$	425,000	
FINANCING	OPERATING BUDGET		\$	-	
	UNH - CASH		\$	•	
	BOND - TOWN PORTION		\$	141,667	
	BOND - UNH PORTION		\$	283,333	
	FEDERAL/STATE GRANT			-	
	CAPITAL RESERVE ACCOUNT			-	_
·	TOTAL FINANCING COS	TS	\$	425,000	
IF BONDED:	NUMBER OF YEARS			10	
	TOTAL PRINCIPAL			425,000	
	TOTAL INTEREST		\$	46,750	_
	TOTAL ESTIMATED COS	ST ·	\$	471,750	



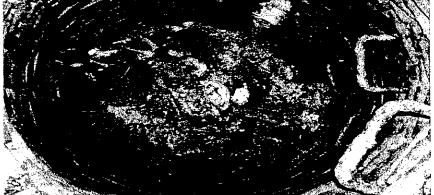
PROJECT YEAR	2021-2030	PROJECT COST		\$50	0,000
DESCRIPTION	WWTP Major Components Contingency	DEPARTMENT		Public Works	s - Wastewater
IMPETUS FOR PROJEC	T (IE. MANDATED, COUNC	IL GOAL, DEPT INITIA	TIVE, E	TC.)	
Dept Initiative					
DESCRIPTION (TO INCI	LUDE JUSTIFICATION)	· · · · · · · · · · · · · · · · · · ·		·····	
WWTP efficiently. The mech	ally mechanical, laboratory or proce anical equipment within the waster nese major components when they	water division is used 24 h	nents/upg ours a dag	rades necessary to contir / - 7 days a week. This ac	uing running the count is used for
	Per current Agreement, these pr	rojects would be funded 2/3	3 UNH an	d 1/3 Town.	
ESTIMATED COSTS:	PRELIMINARY STUDY, DESIG	N AND ENGINEERING	s	<u> </u>	
	FINAL DESIGN AND ENGINEE		s	-	
	CONSTRUCTION ENGINEERIN	NG OVERSIGHT	s		
	CONSTRUCTION COSTS		Š	50.000	
	CONTINGENCY		Ś		
	TOTAL PROJECT COST		<u>,</u>	50,000	
FINANCING	OPERATING BUDGET		<u> </u>		
	UNH - CASH		s		
	BOND - TOWN PORTION		ŝ		
	BOND - UNH PORTION		Ś		
	FEDERAL/STATE GRANT		s		
	CAPITAL RESERVE ACCOUN	г	Ś	50,000	
	TOTAL FINANCING COSTS		<u>,</u>	50,000	
IF BONDED:	NUMBER OF YEARS		*	N/A	
			\$	-	
	TOTAL INTEREST				
	TOTAL ESTIMATED COST		<u> </u>		



PROJECT YEAR	2021-2030 PI	ROJECT COST			\$30,000
DESCRIPTION	Collection System Repair/				
DESCRIPTION	, , , , , , , , , , , , , , , , , , ,				ublic Works - Wastewater
IMPETUS FOR PROJEC	T (IE. MANDATED, COUNCIL	GOAL, DEPT INITIATIN	/E, ET	C.)	
Dept Initiative					
DESCRIPTION (TO INCL					
	LUDE JUSTIFICATION)				
Repairs will be made to the To	own/UNH shared wastewater collecti	ion system including line rep	blaceme	ent and line rep	airs, engineering
investigation, sewer manhole system. Inflow is the illegal co	rehabilitation or replacement. This p nnection of plumbing such as a sum	roject also includes inflow a p pump into the Wastewate	nd infilt r Collec	ration within the	e wastewater collection of infiltration is the seenad
of groundwater or stormwater	into the Wastewater Collection System	em.The amount of staff time	spent	on collection sy	stem maintenance will
decrease as these problem an				á	- 4 - 1 M - 1 M - 1 M - 1 - 1
park.	st End Sewer Study to look at wastev	water capacity on the west	side of	town with the p	otential for future research
	Per current Agreement, these proj	ects would be funded 2/3 U	NH and	l 1/3 Town.	
ESTIMATED COSTS:	PRELIMINARY STUDY, DESIG	N AND ENGINEERING	\$	-	
	FINAL DESIGN AND ENGINEE	RING	\$	-	
	CONSTRUCTION ENGINEERIN	IG OVERSIGHT	\$	-	
	CONSTRUCTION COSTS		\$	30,000	
	CONTINGENCY		\$	-	
	TOTAL PROJECT COST		\$	30,000	
FINANCING	OPERATING BUDGET		\$	-	
	UNH - CASH		\$	-	
	BOND - TOWN PORTION		\$	-	
	BOND - UNH PORTION		\$	-	
	FEDERAL/STATE GRANT		\$	-	
	CAPITAL RESERVE ACCOUNT	г	\$	30,000	
	TOTAL FINANCING COSTS		\$	30,000	
IF BONDED:	NUMBER OF YEARS			N/A	
	TOTAL PRINCIPAL			-	
	TOTAL INTEREST		\$	-	
	TOTAL ESTIMATED COST	·····	\$	-	
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Town Administrator Proposed October 31, 2020

PROJECT YEAR		CT COST	\$65,000
DESCRIPTION		TMENT	Public Works - Wastewa
IMPETUS FOR PROJEC	T (IE. MANDATED, COUNCIL GOAI	L, DEPT INITIATIVE, I	ETC.)
Dept Initiative		. /	
DESCRIPTION (TO INCI	UDE JUSTIFICATION)		
manhole rehabilitation or repl illegal connection of plumbing stormwater into the Wastewa problem areas are corrected.	own's wastewater collection system includi acement. This project also includes inflow a such as a sump pump into the Wastewate er Collection System.The amount of staff t The last inflow/infiltration study was comple apairs/improvements. Sewer tv'ing work wil	and infiltration within the w r Collection System and i ime spent on collection sy eted in 2013 and will be u	vastewater collection system. Inflow is t infiltration is the seepage of groundwate ystem maintenance will decrease as the pdated in 2021 to prioritize future areas
	Per current Agreement, this project	will be funded 100% by th	ne Town.
ESTIMATED COSTS:	Per current Agreement, this project PRELIMINARY STUDY, DESIGN AND		e Town.
ESTIMATED COSTS:			e Town. - -
ESTIMATED COSTS:	PRELIMINARY STUDY, DESIGN AND	DENGINEERING \$	ne Town. - - -
ESTIMATED COSTS:	PRELIMINARY STUDY, DESIGN AND FINAL DESIGN AND ENGINEERING	DENGINEERING \$	e Town. - - - 65,000
ESTIMATED COSTS:	PRELIMINARY STUDY, DESIGN AND FINAL DESIGN AND ENGINEERING CONSTRUCTION ENGINEERING OV	DENGINEERING \$	-
ESTIMATED COSTS:	PRELIMINARY STUDY, DESIGN AND FINAL DESIGN AND ENGINEERING CONSTRUCTION ENGINEERING OV CONSTRUCTION COSTS	DENGINEERING \$	-
	PRELIMINARY STUDY, DESIGN AND FINAL DESIGN AND ENGINEERING CONSTRUCTION ENGINEERING OV CONSTRUCTION COSTS CONTINGENCY	DENGINEERING \$ \$ FERSIGHT \$ \$ \$	- - - 65,000 -
	PRELIMINARY STUDY, DESIGN AND FINAL DESIGN AND ENGINEERING CONSTRUCTION ENGINEERING OV CONSTRUCTION COSTS CONTINGENCY TOTAL PROJECT COST	DENGINEERING \$ \$ FERSIGHT \$ \$ \$	- - - 65,000 -
	PRELIMINARY STUDY, DESIGN AND FINAL DESIGN AND ENGINEERING CONSTRUCTION ENGINEERING OV CONSTRUCTION COSTS CONTINGENCY TOTAL PROJECT COST OPERATING BUDGET	DENGINEERING \$ \$ FERSIGHT \$ \$ \$	- - - 65,000 -
	PRELIMINARY STUDY, DESIGN AND FINAL DESIGN AND ENGINEERING CONSTRUCTION ENGINEERING OV CONSTRUCTION COSTS CONTINGENCY TOTAL PROJECT COST OPERATING BUDGET UNH - CASH	DENGINEERING \$ \$ FERSIGHT \$ \$ \$	- - 65,000 - 65,000 - -
	PRELIMINARY STUDY, DESIGN AND FINAL DESIGN AND ENGINEERING CONSTRUCTION ENGINEERING OV CONSTRUCTION COSTS CONTINGENCY TOTAL PROJECT COST OPERATING BUDGET UNH - CASH BOND - TOWN PORTION	DENGINEERING \$ \$ FERSIGHT \$ \$ \$	- - 65,000 - 65,000 - -
	PRELIMINARY STUDY, DESIGN AND FINAL DESIGN AND ENGINEERING CONSTRUCTION ENGINEERING OV CONSTRUCTION COSTS CONTINGENCY TOTAL PROJECT COST OPERATING BUDGET UNH - CASH BOND - TOWN PORTION BOND - UNH PORTION	DENGINEERING \$ \$ FERSIGHT \$ \$ \$	- - 65,000 - 65,000 - -
	PRELIMINARY STUDY, DESIGN AND FINAL DESIGN AND ENGINEERING CONSTRUCTION ENGINEERING OV CONSTRUCTION COSTS CONTINGENCY TOTAL PROJECT COST OPERATING BUDGET UNH - CASH BOND - TOWN PORTION BOND - UNH PORTION FEDERAL/STATE GRANT	DENGINEERING \$ \$ FERSIGHT \$ \$ \$	- - 65,000 - 65,000 - -
FINANCING	PRELIMINARY STUDY, DESIGN AND FINAL DESIGN AND ENGINEERING CONSTRUCTION ENGINEERING OV CONSTRUCTION COSTS CONTINGENCY TOTAL PROJECT COST OPERATING BUDGET UNH - CASH BOND - TOWN PORTION BOND - UNH PORTION FEDERAL/STATE GRANT CAPITAL RESERVE ACCOUNT	DENGINEERING \$ \$ FERSIGHT \$ \$ \$	- - - 65,000 - - - 65,000 - - - - 65,000 - -
FINANCING	PRELIMINARY STUDY, DESIGN AND FINAL DESIGN AND ENGINEERING CONSTRUCTION ENGINEERING OV CONSTRUCTION COSTS CONTINGENCY TOTAL PROJECT COST OPERATING BUDGET UNH - CASH BOND - TOWN PORTION BOND - TOWN PORTION FEDERAL/STATE GRANT CAPITAL RESERVE ACCOUNT TOTAL FINANCING COSTS	DENGINEERING \$ \$ FERSIGHT \$ \$ \$	- - 65,000 - 65,000 - 65,000 - - 65,000 10
ESTIMATED COSTS: FINANCING	PRELIMINARY STUDY, DESIGN AND FINAL DESIGN AND ENGINEERING CONSTRUCTION ENGINEERING OV CONSTRUCTION COSTS CONTINGENCY TOTAL PROJECT COST OPERATING BUDGET UNH - CASH BOND - TOWN PORTION BOND - UNH PORTION FEDERAL/STATE GRANT CAPITAL RESERVE ACCOUNT TOTAL FINANCING COSTS NUMBER OF YEARS	DENGINEERING \$ \$ FERSIGHT \$ \$ \$	- - - 65,000 - - 65,000 - - - 65,000 - - - 65,000



Town Administrator Proposed October 31, 2020

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PROJECT YEAR	2021	PRO		+;+++
DESCRIPTION	Backhoe Replacement	DEP	ARTMEN	Public Works- Sanitation, T Water, WW
DESCRIPTION (TO INC	CLUDE JUSTIFICATION):			
The 2006 JCB was on a 12 2013, we were able to push machine is an essential pie	year replacement schedule, how this out further due to the excava ce of equipment for all Public Wo (\$63,000), 25% Water (\$31,000)	ever w ator pic rks Div	ith the pure king up a isions and	cheduled for replacement in 2021. chase of the rubber tired excavator i good percentage of the jobs. The l programs and is used year round. ter (\$31,000 of which is 2/3 funded b
ESTIMATED COST	PURCHASE PRICE	\$	31.000	Wastewater Fund Portion Only
	ACCESSORIES*	\$	-	Mastewater rund Fortion Only
	LESS TRADE-IN**	\$	(2,500)	
•	NET PURCHASE PRICE	\$	28,500	-
	*Accessories include lighting,	radio	s, striping	g, misc. equipment.
FINANCING	OPERATING BUDGET	\$		
	UNH - CASH	\$	-	
	BOND - TOWN PORTION	\$	9,500	
	BOND - UNH PORTION	\$	19,000	
	FEDERAL/STATE GRANT	\$	-	
	CAPITAL RESERVE ACCOUN	\$	-	_
	TOTAL FINANCING COSTS	\$	28,500	
F BONDED:	NUMBER OF YEARS		5 ່	
	TOTAL PRINCIPAL	\$.	28,500	
	TOTAL INTEREST (EST'D)	\$	1,300	. .
	TOTAL PROJECT COST	\$	29,800	162 F. W. 198

PROJECT YEAR	2022	EQ	JIPMENT COST	\$17,500
DESCRIPTION	Commercial Lawnmower Replacemen		PARTMENT	Public Works - Wastewater
DESCRIPTION (TO II	NCLUDE JUSTIFICATION):			
Replacement of 2013 zer The current mower will be routine maintenance is es	o turning radius commercial lawn mower a 9 years old in 2022 and due to wear and stimated at \$300/year.	ieeded tear ar	to maintain the five a d reduced performan	cre Wastewater Treatment site, ce needs to be replaced. Minor
Equipment to Replace:	2013 John Deere			
	Per current Agreement, these projects wo	uld be f	unded 2/3 UNH and 1	I/3 Town.
ESTIMATED COST	PURCHASE PRICE	\$	17,500	
	ACCESSORIES*	\$	-	
	LESS TRADE-IN**	\$	-	
	NET PURCHASE PRICE	\$	17,500	
	*Accessories include lighting, radio	s, stripi	ng, misc. equipmen	t.
FINANCING	OPERATING BUDGET	\$	5,833	
	UNH - CASH	\$	11,667	
	BOND - TOWN PORTION	\$	-	
	BOND - UNH PORTION	\$	-	·
	FEDERAL/STATE GRANT	\$	-	
	CAPITAL RESERVE ACCOUNT	\$	<u> </u>	
	TOTAL FINANCING COSTS	\$	17,500	
IF BONDED:	NUMBER OF YEARS		N/A	
	TOTAL PRINCIPAL	\$	-	
	TOTAL INTEREST (EST'D)	\$	•	
	TOTAL PROJECT COST	\$	•	



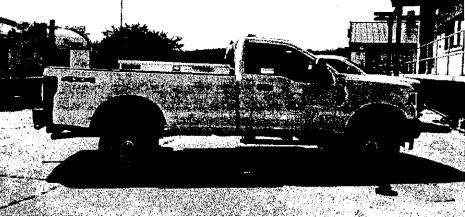
PROJECT YEAR	2023	PRC	JECT COST	\$340,000
DESCRIPTION	Sewer Jet/Vac Truck	DEF	PARTMENT	Wastewater
DESCRIPTION (TO IN	ICLUDE JUSTIFICATION):	4 ,		· · · · · · · · · · · · · · · · · · ·
Roads Department. The p UNH sewers annually. It is	ning truck is used by the Wastewater E present unit was purchased in 2008 and s a prime emergency response vehicle skages for the Town and UNH. New E mately \$350,000.	d is use that ha	d to clean 14 miles of T s been very successful	own sewers and 4 miles c in responding to and
Vehicle to be Replaced:	2008 International Jet/Vac Truck			
ESTIMATED COST	PURCHASE PRICE	\$	350,000	
	ACCESSORIES*	\$	•	
	LESS TRADE-IN**	\$	(10,000)	
	NET PURCHASE PRICE	\$	340,000	
	*Accessories include lighting, rac	dios, st	riping, misc. equipme	ent.
FINANCING	OPERATING BUDGET	\$		
	UNH - CASH	\$	-	
	BOND - TOWN PORTION	\$	113,333	
	BOND - UNH PORTION	\$	226,667	
	FEDERAL/STATE GRANT	\$	-	
	CAPITAL RESERVE ACCOUNT	\$	-	
	TOTAL FINANCING COSTS	\$	340,000	
IF BONDED:	NUMBER OF YEARS	\$	10	
	TOTAL PRINCIPAL	\$	340,000	
	TOTAL INTEREST (EST'D)	\$	37,400	
	TOTAL PROJECT COST	\$	377,400	



Town Administrator Proposed October 31, 2020

DESCRIPTION WWTP Phase III Public Works - Westewater IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.) Mandated DESCRIPTION (TO INCLUDE JUSTIFICATION) Image: Construction of the provided in the treatment of the provided in the treatment facilities of the provided in the treatment facilities of the provided in the treatment facilities (WWTP Ts) that discharge treated wastewater containing nitrogen within the Great Bay wastewater threatment facilities (WWTP Ts) that discharge treated wastewater containing nitrogen within the Great Bay wastewater of an analy 7, 2020, EPA Region 1 issued a Draft Great Bay Total Nitrogen General Permit (Draft GBTN GP) for 13 eligible wastewater treatment facilities in New Hampshire. The discharge of all policitants other treatment facilities (WWTP Ts) that discharge treated wastewater reatment facilities in New Hampshire. The discharge of all policitants other requirements received. The MPDES dischards different invitions and monitoring requirements for total nitrogen, mainter monitoring requirements for total nitrogen, and wind the Schedule is for EPA released the draft permit on January 7, 2020 and the Town submitted comments on the draft permit on May 8, 2020. It is unknown what the schedule is for EPA released and comments received. Wastewater Facilities Plan update prepared by Wright-Pierce recommended upgrading the Treatment Plan to an enhanced biological nutrient removal probes and cary out a plot test to evaluate the best treatment options. This was completed in 2014 with the Sludge Dewatering and Four Stage Bardenpho Nurient Removal PNENENG \$ 2,850,000 FINAL DESIGN AND ENGINEERING \$ 2,850,000 \$ 000 - TOW PORTION \$ 2,850	IMPETUS FOR PROJEC	WWTP Phase III			
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.) Mandated DESCRIPTION (TO INCLUDE JUSTIFICATION) The NPDES discharge permit is a federal permit which allows the Town of Durham Wastewater Treatment Facility to safely discharge (treated effluent into the Oyster River. On January 7, 2020, EPA Region 1 Issued a Draft Great Bay Total Nitrogen General Permit (Draft GBTN GP) for 13 eligible wastewater treatment facilities (WWTFs) that discharge treated wastewater containing nitrogen within the Great Bay watershed in New Hampshire. The treatment facilities (WWTFs) that discharge treated wastewater containing nitrogen within the Great Bay watershed in New Hampshire. The treatment facilities (WWTFs) that discharge treated wastewater treatment facilities in New Hampshire. The discharge of all pollutants other requirements and standard conditions for 13 eligible wastewater treatment facilities in New Hampshire. The discharge of all pollutants other requirements realities Plan update prepared by Wright-Plerce recommended upgrading the Treatment Plan to an enhanced biological nutrient removal process and carry out a pilot test to evaluate the best treatment options. This was completed in 2014 with the Sludge Dewatering and Four Stage Bardenpho Nutrient Removal Pilot Project. Per current Agreement, these projects would be funded 2/3 UNH and 1/3 Town. ESTIMATED COSTS: PRELIMINARY STUDY, DESIGN AND ENGINEERING \$ 350,000 CONSTRUCTION ENGINEERING OVERSIGHT \$ - CONSTRUCTION ENGINEERING \$ \$2,860,000 FINANCING OPERATING BUDGET \$ 2,860,000 FINANCING OPERATING BUDGET \$ - UNH - CASH \$ - UNH - CASH \$ - UNH - CASH \$ - EDERAL/STATE GRANT \$ - CONTAL PROJECT COST \$ 2,860,000 FEDERAL/STATE GRANT \$ - CONTAL PROJECT COST \$ 2,860,000 FEDERAL/STATE GRANT \$ - CONTAL FINANCING OPERATING \$ 1,900,000 FEDERAL/STATE GRANT \$ - CONTAL FINANCING COSTS \$ 2,860,000 FINANCING OPERATING BUDGET \$ - UNH - CASH \$ - UNH - CASH \$ - EDERAL/STATE GRANT \$ - CONTAL FINANCING COSTS \$ 2,860,000 FEDERAL/STATE GRANT \$ - CONTAL FINANCING COSTS \$ 2			DEPARTMENT		Public Works - Wastewa
DESCRIPTION (TO INCLUDE JUSTIFICATION) The NPDES discharge permit is a federal permit which allows the Town of Durham Wastewater Treatment Facility to safely discharge (treated diffuent into the Oyster River. On January 7, 2020, EPA Region 1 issued a Draft Great Bay Total Nitrogen General Permit (Draft GBTN GP) for 13 eligible wastewater reatment facilities (WWTFs) that discharge treated wastewater containing nitrogen within the Great Bay watershed in New Hampshire. The Draft GBTN GP establishes effutuent limitations and monitoring requirements for total nitrogen, ambient monitoring requirements, reporting requirements for total nitrogen from these WWTFs will continue to be authorized by each WWTFs respective individual NPDES permit. EPA released the draft permit on January 7, 2020 and the Town submitted comments on the draft permit on May 8, 2020. It is unknown what the schedule is for EPA respond to comments received. Yeasewater Facilities Plan update prepared by Wright-Pierce recommended upgrading the Treatment Plan to an enhanced biological nutrain termoval process and carry out a pilot test to evaluate the best treatment options. This was completed in 2014 with the Sludge Dewatering and Four Stage Bardenpho Nutrient Removal Pilot Project. ESTIMATED COSTS: PRELIMINARY STUDY, DESIGN AND ENGINEERING \$ 350,000 CONSTRUCTION ENGINEERING OVERSIGHT \$ - - CONSTRUCTION COSTS \$ 2,500,000 - CONSTRUCTION ENGINEERING OVERSIGHT \$ - - UNH - CASH \$ - - BOND - TOWN PORTION \$ 9550,000 - <	Vandated	T (IE. MANDATED, COUNC		FIVE, EI	
The NPDES discharge permit is a federal permit which allows the Town of Durham Wastewater Treatment Facility to safely discharge (treated affluent into the Oyster River. On January 7, 2020, EPA Region 1 issued a Draft Great Bay Total Nitrogen General Permit (Oraft GBTN GP) for 13 eligible wastewater containing nitrogen within the Great Bay watershed in New Hampshire. The Draft GBTN GP establishes effluent limitations and monitoring requirements for total nitrogen, ambient monitoring requirements, reporting requirements and standard conditions for outrements, reporting dequirements within the Great Bay watershed in New Hampshire. The discharge of all pollutants other then introgen from these WWTFs will continue to be authorized by each WVTF's respective individual NPDES permit. EPA released the draft permit on January 7, 2020 and the Town submitted comments on the draft permit on May 8, 2020. It is unknown what the schedule is for EPA released the draft permit on January 7, 2020 and the Town submitted comments on the draft permit on May 8, 2020. It is unknown what the schedule is for EPA released the draft permit on January 7, 2020 and the Town submitted comments on the draft permit on May 8, 2020. It is unknown what the schedule is for EPA released the draft permit on May 8, 2020. It is unknown what the schedule is for EPA released to more more science with the Studge Dewatering and "our Stage Bardenpho Nutrient Removal Pitol Project.	nandated				
The NPDES discharge permit is a federal permit which allows the Town of Durham Wastewater Treatment Facility to safely discharge (treated offluent into the Cyster River. On January 7, 2020. EPA Region 1 issued a Draft Great Bay Total Nitrogen General Permit (Oraft GBTN GP) for 13 eligible wastewater treatment facilities (WWTFs) that discharge treated wastewater containing nitrogen within the Great Bay watershed in New Hampshire. The treatment facilities (WWTFs) that discharge treated wastewater treatments for total nitrogen, ambient monitoring requirements, reporting requirements for total nitrogen, ambient monitoring requirements, reporting the nitrogen from these WWTFs will continue to be authorized by each WWTFs respective individual NPDES permit. EPA released the draft permit on January 7, 2020 and the Town submitted comments on the draft permit on May 8, 2020. It is unknown what the schedule is for EPA respond to comments received. Wastewater Facilities Plan update prepared by Wright-Pierce recommended upgrading the Treatment Plan to an enhanced biological nutrient removal process and carry out a pilot test to evaluate the best treatment options. This was completed in 2014 with the Sludge Dewatering and Four Stage Bardenpho Nutrient Removal Plot Project. Per current Agreement, these projects would be funded 2/3 UNH and 1/3 Town. ESTIMATED COSTS: PRELIMINARY STUDY, DESIGN AND ENGINEERING \$ 350,000 CONSTRUCTION ENGINEERING S \$ 2,500,000 CONSTRUCTION COSTS \$ 2,850,000 FINAL DESIGN AND ENGINEERING OVERSIGHT \$ - TOTAL PROJECT COST \$ 2,850,000 FINANCING OPERATING BUDGET	DESCRIPTION (TO INCL	UDE JUSTIFICATION)			
offluent into the Oyster River. On January 7, 2020, EPA Region 1 issued a Draft Great Bay Total Nitrogen General Permit (Draft GBTN GP) for 13 eligible wastewater containing nitrogen within the Great Bay watershed in New Hampshire. The Draft GBTN GP establishes effluent limitations and monitoring requirements for total nitrogen, ambient monitoring requirements, reporting requirements and standard conditions for 13 eligible wastewater treatment facilities in New Hampshire. The discharge of all pollutants other than nitrogen from these WWTFs will continue to be authorized by each WWTFs respective individual NPDES permit. EPA released the draft permit on January 7, 2020 and the Town submitted comments on the draft permit on May 8, 2020. It is unknown what the schedule is for EPA released to draft permit on January 7, 2020 and the Town submitted comments on the draft permit on May 8, 2020. It is unknown what the schedule is for EPA released to draft permit out a pilot test to evaluate the best treatment options. This was completed in 2014 with the Sludge Dewatering and Four Stage Bardenpho Nutrient Removal Pilot Project. Per current Agreement, these projects would be funded 2/3 UNH and 1/3 Town. ESTIMATED COSTS: PRELIMINARY STUDY, DESIGN AND ENGINEERING \$ 350,000 CONSTRUCTION ENGINEERING OVERSIGHT \$ 350,000 CONSTRUCTION COSTS \$ 2,500,000 CONTINGENCY \$ - TOTAL PROJECT COST \$ 2,850,000 BOND - TOWN PORTION \$ 950,000 BOND - TOWN PORTION \$ 950,000 BOND - UNH PORTION \$ 1,900,000 FEDERAL/STATE GRANT	· ·	,			
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CAPITAL RESERVE ACCOUNT \$ TOTAL FINANCING COSTS \$ 1F BONDED: NUMBER OF YEARS TOTAL PRINCIPAL \$ TOTAL INTEREST \$		BOND - UNH PORTION		\$	1,900,000
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				\$	
IUTAL ESTIMATED COST \$ 3,598,000			ст.	\$	
		TUTAL ESTIMATED CO		\$	3,598,000
				n de Station	

PROJECT YEAR	2029	VEHIC	CLE COST	\$41,000
DESCRIPTION	One Ton Pick-Up Replacement	DEPA	RTMENT	Public Works - Wastewater
DESCRIPTION (TO IN	ICLUDE JUSTIFICATION):			······································
truck fleet is on a 10 -12 y 2029. This Division is res Pump Stations.	ear replacement plan, according ponsible for the maintenance of ments, normal future maintenan	to this p the Trea	lan the 2019 1- tment Plant, Wa	are utilized by five employees. The Fon Pick-up Truck will be replaced in Istewater Collection System and five y, oil, filters). This division has
Vehicle to be Replaced:	Truck # WW-1- 2019 Ford F3	50		
Per cu	urrent Agreement, these projects	would b	e funded 2/3 UN	
ESTIMATED COST	PURCHASE PRICE	\$	45,000	
	ACCESSORIES*	\$	1,000	
	LESS TRADE-IN**	\$	(5,000)	
	NET PURCHASE PRICE	\$	41,000	
	*Accessories include lighting, radios	s, striping,	misc. equipment.	
FINANCING	OPERATING BUDGET	\$	13,667	
	UNH - CASH	\$	27,333	
	BOND - TOWN PORTION	\$	-	
	BOND - UNH PORTION	\$	-	
	FEDERAL/STATE GRANT	\$	-	
	CAPITAL RESERVE ACCOUNT	\$		
	TOTAL FINANCING COSTS	\$	41,000	
IF BONDED:	NUMBER OF YEARS		N/A	
	TOTAL PRINCIPAL	\$	-	
	TOTAL INTEREST (EST'D)	\$	<u> </u>	
	TOTAL PROJECT COST	\$		



Town Administrator Proposed October 31, 2020

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PROJECT YEAR	2030	VEHI	CLE COST	\$42,000
DESCRIPTION	1-Ton Pick-Up Replacement	DEP	ARTMENT	Public Works - Wastewater
	ICLUDE JUSTIFICATION):			T UDIC WORKS - WASIEWALE
ruck fleet is on a 10 -12 y 2030. This Division is res Pump Stations.	rear replacement plan, according ponsible for the maintenance of the m	to this the Trea	plan the 2019 1- atment Plant, Wa	are utilized by five employees. The Ton Pick-up Truck will be replaced in astewater Collection System and five ry, oil, filters). This division has
/ehicle to be Replaced:	Truck # WW-2- 2019 Ford F3	350		
Per ci	urrent Agreement, these projects	would	be funded 2/3 U	NH and 1/3 Town.
ESTIMATED COST	PURCHASE PRICE	\$	45,000	
	ACCESSORIES*	\$	1,000	
	LESS TRADE-IN**	\$	(4,000)	
	NET PURCHASE PRICE	\$	42,000	
	*Accessories include lighting, radio	s, striping	, misc. equipment.	
FINANCING	OPERATING BUDGET	\$	14,000	
	UNH - CASH	\$	28,000	
	BOND - TOWN PORTION	\$	-	
	BOND - UNH PORTION	\$	-	
	FEDERAL/STATE GRANT	\$	-	
	CAPITAL RESERVE ACCOUNT	\$		
	TOTAL FINANCING COSTS	\$	42,000	
IF BONDED:	NUMBER OF YEARS		N/A	· · · · · · · · · · · · · · · · · · ·
	TOTAL PRINCIPAL	\$	-	
	TOTAL INTEREST (EST'D)	\$	<u> </u>	
	TOTAL PROJECT COST	\$		



Town Administrator Proposed October 31, 2020

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