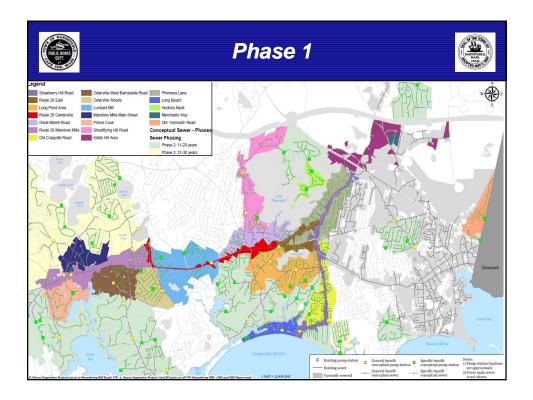


			C	:WM	PP	hases
1	Fable 5-1	: Sewer Expan	sion Plan - Phas	ng Statistics		
		Phase 1 (0-10 Years)	Phase 2 (10-20 Years)	Phase 3 (20-30 Years)	Total	
WW Captured (g	pd)	798,900	810,700	810,700 372,900		
Load N Removed (kg/day)		79	81	37	197	
Number of Parcels Affected		4,735	3,820	2,377	10,932	
Approximate Road Miles		75	60	38 173		
% of N Removed by	Plan	40%	41%	19%	100%	KEY TAKEAWAYS
1	able 5-2	Sewer Expans	ion Plan - Stagin	g Statistics		NET IANEAWATS.
		Stage 1	Stage 2	Stage 3 Total 190 miles		±189 miles of road
WW Captured (g	pd)	37,200	84,500	22,800	144,500	±109 miles 01 10au
Load N Removed (kg/day)		4	8	2	14	44.000
Number of Parcels Affected		253	483	155	891	± 11,823 parcels
Approximate Road	Miles	5	8	3	16	-
						± 87 pump stations
	mber o	f PS in Sev	ver Phase			
Sewer Phase & Stage	Larg	e Mediu	m Small	Total PS		
Phase 1	4	5	19	28		
Phase 2	1	8	27	36		
Phase 3		3	14	17		
Stage 1		2	+	2		
Stage 2		1	3	4		
Grand Total	5	19	63	87		
			Town	of Barnsta	ble. Denai	rtment of Public Works



PUBLIC WORKS DEPT	Phase 1													
Table		1 Traditional					Number of PS in Ph	ase 1 Sev	ver Proiects					
Project	Number of Parcels	Wastewater Captured (gpd)	Total N Removed (kg/dav)	% of Total N Removed in Phase 1	Watershed <sup>1</sup>	Se	wer Project	Large	Medium	Small	Total P			
Merchants Way <sup>2</sup>	7	0	0.0	0.0%	BH	1	Strawberry Hill Road		1		1			
Strawberry Hill Road	Strawberry Hill Road 237 46,467 4.6 5.8% CR		CR	2	Route 28 East	1			1					
Route 28 East	120	19,102	1.9	2.4%	CR	3	Long Pond Area		1	3	4			
Old Yarmouth Road	131	22,603	2.2	2.8%	LB	4	Route 28 Centerville	1			1			
Phinneys Lane	591	85,138	8.5	10.7%	CR & HC	5	Great Marsh Road							
Long Beach	203	37,647	3.7	4.7%	CR & UN	6	Route 28 Marstons Mills	1		2	3			
Route 28 Centerville	80	36,324	3.6	4.5%	CR	7	Old Craigville Road			1	1			
Huckins Neck	148	21,506	2.1	2.6%	CR	8	Empty							
Long Pond Area	606	114,599	11.4	14.4%	CR	9	Osterville-West Barnstable			1	1			
Great Marsh Road	378	51,355	5.1	6.4%	CR	10	Road Osterville Woods	1		2	3			
Old Craigville Road	441	49,234	4.9	6.2%	CR & HC	10	Lumbert Mill			-	2			
Route 28 Marstons Mills	161	36,429	3.6	4.5%	3B			_		2	2			
Osterville Woods	331	60,719	6.0	7.6%	CR & 3B	12	Marstons Mills Main Street							
Shootflying Hill Road	383	57,583	5.7	7.2%	CR & BH	13	Prince Cove			1	1			
Lumbert Mill	350	50,374	5.0	6.3%	CR	14	Shootflying Hill Road		1	2	3			
Osterville-West	154	32,787	3.3	4.2%	3B	15	Kidds Hill Area							
Barnstable Road						16	Phinneys Lane			1	1			
fain Street Marstons Mills	144	24,123	2.4	3.0%	3B	17	Long Beach		1	1	2			
Prince Cove	158	32,972	3.3	4.2%	3B	18	Huckins Neck			2	2			
Kidds Hill Area	97	18,354	1.8	2.3%	BH	19	Merchants Way							
Unassigned	14	1,613	0.2	0.3%	LB	20	Old Yarmouth Road		1	1	2			
Total	4,734	798,929	79.3	100.0%3		Grand Total		4	5	19	28			
BH#Bamstable Harbor, CR#Cen Parcels to be served by this proje Phase 1 is 40% of the Plan.			HC=Halls Creek	, 3B=Three Bays		stable, Departn	nent of Public Work	5						

Phase 1 Schedule												A DE			
COD. M															
				Sewe	r Expansio	n Collectio	n System P	rojects - Ph	ase 1						
				1					Phase 1						I
Project I	FY19	FY20	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	FY31	FY32	TOTAL
Merchants Way	_														\$0
Strawberry Hill Road															\$13,555,0
Route 28 East															\$14,540,0
Long Beach Phinneys Lane															\$9,800,0 \$22,590,0
Old Yarmouth Road															\$7,970,0
Route 28 Centerville															\$11,300,0
Long Pond Area															\$33,245,0
Old Craigville Road															\$19,090,0
Great Marsh Road															\$15,380,0
Route 28 Marstons Mills															\$17,745,0
Osterville Woods Huckins Neck															\$16,830,0
Lumbert Mill															\$8,825,0
Shootflying Hill Road															\$21,680,0
Osterville-West Barns table Road & South															\$9,975,04
County Road															
Marstons Mills Main Street															\$7,360,0
Prince Cove															\$8,870,0
Attucks Lane / Kidds Hill Area	_	-													\$7,670,0
NEW PARCELS CONNECTED COMBINED FLOW(GPD) 1.6	0	7	0	0 1.670.000	237	120	203	722	80 1.917.000	0	1,425	637 2.250.000	887 2.391.000	399	4,717
COMBINED FLOW(GPD) 1,0	,670,000	1,670,000	1,670,000	1,670,000	1,716,000	1,735,000	1,773,000	1,881,000	1,917,000	1,917,000	2,132,000	2,250,000	2,391,000	2,466,000	796,000
Legend															
valuation and/or Preliminary Design	_														
inal Design															
inal Design ionstruction	400,000														
inal Design ionstruction iurrently Funded Project \$4	\$500,000														



