



Figure IV-6. Land use-specific unattenuated nitrogen load (by percent) to the overall Madaket Harbor System watershed. "Overall Load" is the total nitrogen input within the watershed including atmospheric deposition to the estuary and nitrogen from natural surfaces (forests, grassland, etc), while the "Local Control Load" represents those nitrogen sources that could potentially be under local regulatory control.

Table IV-2. Madaket Harbor System (Madaket Harbor, Hither Creek, Madaket Ditch and Long Pond) Nitrogen Loads. Present annual nitrogen loading represents current conditions. Buildout nitrogen loads are based on projections of additional development allowed relative to current zoning minimum lot sizes. All values are kg N yr⁻¹.

Watershed Name	Watershed ID#	<i>Madaket Harbor N Loads by Input (kg/y):</i>							% of Pond Outflow	<i>Present N Loads</i>			<i>Buildout N Loads</i>		
		Wastewater	Landfill	Fertilizers	Impervious Surfaces	Water Body Surface Area	"Natural" Surfaces	Buildout		UnAtten N Load	Atten %	Atten N Load	UnAtten N Load	Atten %	Atten N Load
Madaket Harbor System		1904	777	272	346	4128	387	453		7814	7814	8267		8267	
Hither Creek	1	1061		167	163	26	56	125		1475	1475	1600	0	1600	
Hither Creek Estuary Surface						195				195		195		195	
Madaket Ditch Total		703	777	81	154	766	281	250		2762	2762	3012		3012	
Madaket Ditch	2	551		61	70	158	47	137		888	888	1025	0	1025	
Long Pond	4	125	777	16	79	0	181	62		1179	1179	1241	0	1241	
Long Pond Estuary Surface						356				356		356		356	
North Head Long Pond		26	0	4	5	253	52	51		340	340	390		390	
North Head Long Pond	3	26		4	5	0	52	51		87	87	138	0	138	
North Head Long Pond Estuary Surface						253				253		253		253	
Madaket Harbor South	5	47		8	3	0	11	16		69	69	84	0	84	
Madaket Harbor North	6	93		16	26	0	39	62		173	173	236	0	236	
Harbor Surface Area						3140				3140		3140		3140	