

Table 1. Irondequoit Bay Area Population (Pop.) and Housing Units (H.U.), 1970-1990

Municipality	1970		1980		1990	
	Pop.	H.U.	Pop.	H.U.	Pop.	H.U.
Brighton	35,065	12,403	35,776	15,103	34,455	16,068
Irondequoit	63,675	20,060	57,648	21,904	52,377	22,177
Penfield	23,782	7,039	27,201	9,582	30,219	11,758
Rochester	292,233	105,544	241,741	102,642	231,636	101,154
Webster	24,739	7,078	28,925	10,078	31,636	12,095
Monroe Co.	711,917	228,554	702,238	264,352	713,968	285,524

Source: U.S. Census of Population and Housing, 1970, 1980, 1990.

Table 2. Minimum Bottom Elevations (IGLD-85) for Various Use Activities

Type of Vessel/Facility	Minimum Water Depth (feet)	Required Bottom Elevation (Annual Average Water Level Basis)	Required Bottom Elevation (Ten Year Extreme Water Level Basis)
Power Boats up to 25 ft and Launch Facilities	3.0	241.9	240.8
Larger Power Boats	4.0	240.9	239.8
Fixed Keel Sailboat Docking	6.5	238.4	237.4
Fixed Keel Sailboat Use	8.0	236.9	235.9

Table 3. Summary Description of Confirmed Waste Sites Around Irondequoit Bay

Municipality	Map Number	Description
Irondequoit	I-1	Municipal waste, construction and demolition debris, tree/brush
	I-5	Municipal waste, construction and demolition debris, agricultural/nursery wastes
	I-15	Ash
	I-47	Industrial
Brighton	B-6	Construction and demolition debris
	B-7	Municipal waste, construction demolition debris, tree/brush
Penfield	P-3	Animal waste (rendering plant)
	P-12	Construction and demolition debris
	P-18	Construction and demolition debris
	P-6	Construction and demolition debris
	P-28	Construction and demolition debris
	P-2	Construction and demolition debris
	P-19	Construction and demolition debris
Webster	W-11	Construction and demolition debris
	W-8	Construction and demolition debris
	W-6	Municipal waste, construction demolition debris

Source: Monroe County Environmental Management Council, 2001.

Table 4. Compatibility of Activities with Wetland and Adjacent Area

Item Number	Activity Definition	In Wetland	In Adjacent Area
13	Restoring, reconstructing or modifying existing functional structures or facilities which involves the temporary disturbance of less than 50 square meters (approximately 540 square feet) of ground surface.	C	C
14	Expanding or substantially modifying existing functional structures or facilities involving a ground disturbance in excess of 50 square meters.	N	C
16	Intensive, organized, and repetitive use of all-terrain vehicles, air and motor boats, and snowmobiles.	N	C
20	Filling	X	N
25	Grading and dredging not included under activity 26	X	N
26	Dredging less than 400 cubic meters (approximately 523 cubic yards) to maintain present navigation channels.	C	C
22	Clear cutting of trees.	N	C
23	Clear cutting vegetation other than trees except as part of an agricultural activity.	X	N
28	Constructing roads.	X	N
31	Installing a dock, pier, wharf or other structure built on floats or open-work supports and having a top surface area of 20 square meters (approximately 200 square feet) or less.	C	C
32	Installing a dock, pier, wharf or any other structure used as a landing place on water except for activities covered under number 31	N	N
33	Constructing groins, bulkheads and other shoreline stabilization structures.	X	N
38	Introducing or storing any pollutant including petrochemicals, solid wastes, sewage effluent and toxic materials, except pesticides, which are covered separately.	X	X
42	Construction of residences and related structures or facilities	X	X
43	Construction of commercial or industrial facilities, public buildings, or related structures or facilities.	X	X

C: Usually Compatible; N: Usually Incompatible; X: Incompatible

Table 5. Implementation Schedule

No.	Recommended Action / Project / Policies	Short/Long Term Finite/Ongoing	Priority (1-3)	Potential Responsible/Involved Entities	Potential Funding Sources	Notes
1	Policy 1b--Monitor and evaluate the effectiveness of existing local and state regulatory measures in protecting sensitive areas and propose new measures to <i>control</i> development and <i>protect</i> sensitive natural resources (after Biological Study).	Short, Ongoing	1	NYS DEC, MCSWCD, NYS DOS, IBCC, EMC, USACE	In-kind	
2	A monitoring effort should be initiated to assess the impact of recreational use of the passive areas on habitat and shoreline erosion	Short Term	1	Towns, IBCC	Grants	
3	Adopt zoning and land use recommendations as recommended in the Webster Comprehensive Plan.	Short Term	1	Town of Webster	n/a	
4	Irondequoit Bay biological study	Short Term	1	IBCC, Towns, County, State	State, Local	
5	Include standardized erosion control measures and practices into the local Site Plan and Subdivision codes.	Short Term	1	Towns of Penfield, Irondequoit and Webster, MCSWCD, IBTS	n/a	
6	Establish Water Surface Use Areas	Short Term	1	The Towns	n/a	
7	Create a Harbormaster position.	Short Term	1	The Towns/IBCC	Towns, County, State, Federal	
8	Adoption of Comprehensive Harbor Management Law	Short Term	1	The Towns	n/a	
9	Development of the waterfronts of upland areas should consider access and other aquatic and upland resource protection issues.	Short Term	1	Towns	In-kind	Covered in Water Surface Use Areas, docking ordinance,
10	Provide appropriate public access	Ongoing	1	Towns, County, State	Towns, County, State, Federal, Private	
11	Policy 2a--Monitor water quality and associated impacts including conducting field assessment of existing large scale developments to evaluate the adequacy of their storm water management facilities and preparing periodic corrective measures reports which incorporate the findings of field assessments for use by town officials to <i>bring</i> facilities into compliance. Conduct field inspection and inventory and evaluation of eroded slopes around the Bay.	Ongoing	1	MCHD, MCSWCD	In-kind	

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12	Policy 2b--Facilitate workshops on the findings of corrective measures reports and other studies. Seek funding sources to fix and upgrade storm water management facilities and protect and stabilize eroded slopes where problems are identified.	Ongoing	1	MCSWCD, IBCC	Grants	
13	Policy 3b--Manage woodlots around the Bay to protect views, steep slopes, and wildlife habitats.	Ongoing	1	MCSWCD, Towns, County Parks, DEC, IBCC	n/a	
14	Policy 3c--(Related to significant historical, archeological, aesthetic, or environmental features.) Monitor and assess the impact of development. Conduct a field assessment of recent developments around the Bay to document where deviations from the stated goals have occurred. Institute consistent development regulations to address the findings of the field assessments.	Ongoing	1	State, RMSC	Grants, student interns	per SEQR
15	Coordinated acquisition and protection of environmentally sensitive areas.	Ongoing	1	Towns, County, State, Nature Conservancy, Land Trusts, "Friends of the Bay"	Grants	
16	Maintenance & dredging plan for the boat launch and federal navigation channel	Ongoing	1	USACE	Federal, State, Local, Private, Grants	
17	LaSalle's Landing trail & boardwalk sections	Ongoing	1	Town of Penfield & Irondequoit, State	Federal, State, Local, Private, Grants	
18	Education and signage program	Ongoing	1	IBCC, Towns, County, Water Education Collaborative	Federal, State, Local, Private, Grants	
19	Public waterfront park on the Webster Sandbar	Long Term	1	Town of Webster	Federal, State, Local, Private, Grants	
20	Harbormaster station & vessel	Long Term	1	IBCC, Towns, County		
21	Establish a coordinated permit process for installation of ice prevention systems (including warning notices) to be enforced by Harbormaster.	Short Term	2	IBCC, Towns	In-kind	
22	Irondequoit Bay bluff erosion control pilot project	Short Term	2	MCSWCD, MCDPD, Towns of Webster and Penfield	Grant	
23	"Friends of the Bay" stewardship organization	Short Term	2	IBCC, Towns, County	Private, Grants	
24	Policy 4h--Develop a Bay-wide emergency response plan	Short Term	2	Towns, County, State, Federal agencies	Grants	

No.	Recommended Action / Project / Policies	Short/Long Term Finite/Ongoing	Priority (1-3)	Potential Responsible/Involved Entities	Potential Funding Sources	Notes
25	Sewerage systems for the entire Bay area--based on study conducted by Monroe County (economically feasible for all but 45 units located in difficult areas).	Ongoing	2	Towns/Private developers	NYS DEC's Revolving Loan Program	
26	Sea Breeze boardwalk and public dock	Long Term	2	Town of Irondequoit	Federal, State, Local, Private, Grants	
27	Irondequoit Bay Park master plans	Long Term	2	MC Parks	In-kind	
28	Maintenance & dredging plan for the North Harbor Area	Long Term	3	Towns	Federal, State, Local, Private, Grants	
29	Irondequoit Bay hiking trail	Long Term	3	Towns, County, IBCC	Federal, State, Local, Private, Grants	
30	Newport Cove Park Plan	Long Term	3	Town of Irondequoit	State and Town	
31	New York State Department of Transportation overlook master plan	Long Term	3	State DOT, IBCC	State, Federal	
32	Designation as State Heritage Area/Great Lakes or similar designation--supports regional & National significance as an environmental, cultural, and recreational resource (Policy 1a)	Long Term	3	IBCC, State	n/a	
33	Water taxi/Shuttle stops	Long Term	3	Private	Private	