

## Miami-Dade County

Application	User Name	District	Address	City	Area of Parcel (acre)	Area of Parcel (ft <sup>2</sup> )	Application Rate (in/day)	Quantity of Reuse Water (MGD)	Current Water Consumption (ft <sup>3</sup> )	Current Water Consumption (MGD)	Total Reuse (MGD)	Offset	Comments
<b>Irrigation of Golf Courses</b>													
	Country Club of Miami	North	6701 NW 186th St	Miami	330.2986	14387807.02	0.2857	2.5626					Identified by City Parks Dept for Reuse
	Fairmount Turnbery Isle Resort & Club	North	19999 W Country Club Dr	Aventura	226.562	9869040.72	0.2857	1.7578					
	Don Shula's Golf Club	North	7601 Miami Lakes Drive	Miami Lakes Sunny Isles Beach	188.6407	8217188.892	0.2857	1.4636					
	Haulover Golf Course	North	10800 Collins Ave		174.5746	7604469.576	0.2857	-					Identified by City Parks Dept for Reuse
	Miami Beach Golf Club (Bayshore)	North	2301 Alton Rd	Miami Beach	171.5484	7472648.304	0.2857	1.3310					Uses salt water for irrigation
	Miami Shores Country Club	North	10000 Biscayne Blvd	Miami Shores	141.803	6176938.68	0.2857	1.1002					
	Normandy Shores Golf Course	North	2401 Biarritz Dr	Miami Beach	137.9235	6007947.66	0.2857	1.0701					Uses salt water for irrigation
	Greynolds Golf Course	North	17530 W Dixie Hwy	North Miami Beach	135.0334	5882054.904	0.2857	1.0477					Identified by City Parks Dept for Reuse
	California Golf Club	North	20898 San Simeon Way	North Miami	114.9627	5007775.212	0.2857	0.8919			11.2248		
	Crandon Golf Course	Central	6700 Crandon Blvd	Key Biscayne	876.6435	60	0.2857	-					
	Fontainebleau Golf Course	Central	9603 Fontainebleau Blvd	Miami	346.4755	15092472.78	0.2857	2.6881					
	Fontainebleau Golf Course - residential development				133	5793480	0.2857	1.0319					
	Miccosukee Golf & Country Club	Central	6401 Kendale Lakes Dr	Miami	225.7405	9833256.18	0.2857	1.7514					
	Miami Springs Golf & Country Club	Central	650 Curtiss Parkway	Miami Shores	187.2863	8158191.228	0.2857	1.4531					
	Miami Springs Golf & Country Club (RIT)				18.72863			3.6911					
	Calusa Country Club	Central	9400 SW 130th Ave	Miami	184.3318	8029493.208	0.2857	1.4301					
	Killians Greens Golf Course	Central	9980 SW 104th St	Miami	135.3914	5897649.384	0.2857	1.0504					Has 3 65' deep wells in the Biscayne Aquifer to supply irrigation for the golf course. Said demand is about 2in/wk but depends on weather. Water quality is monitored from wells by SFWMD and tested annually for permit.
	Biltmore Golf Course	Central	1210 Anastasia Ave	Coral Gables	132.9514	5791362.984	0.2857	1.0315					
	International Links Miami Melreese Golf Course	Central	1802 NW 37th Ave	Miami	128.2680	5587354.08	0.2857	0.9952					
	Palmetto Golf Course	Central	9300 SW 152nd St	Miami	116.8288	5089062.528	0.2857	0.9064					Identified by City Parks Dept for Reuse
	Costa Greens Golf Club	Central	100 Costa del Sol Blvd	Miami	77.5900	3379820.4	0.2857	0.6020					
	Granada Golf Course	Central	2001 Granada Blvd	Coral Gables	71.4060	3110445.36	0.2857	0.5540					
	Rivera Country Club	Central			62.7164	2731926.384	0.2857	0.4866					
	Bair Bay Golf Course	Central	9375 SW 134th St	Miami	50.4188	2196242.928	0.2857	0.3912					Identified by City Parks Dept for Reuse
	Doral Golf Course	Central/North	4400 NW 87th Ave	Miami	702.0937	30583201.57	0.2857	5.4472			23.5101		
	Keys Gate Golf and Tennis Club	South	2300 Palm Dr	Homestead	162.4117	7074653.652	0.2857	1.2601					
	Redland Golf & Country Club	South	24451 SW 177th Ave	Homestead	126.1399	5494654.044	0.2857	0.9787			2.2387		
	Miami Lakes Country Club		6842 Main St	Hialeah					30,986	0.06	0.031752545		Assumed 50% irrigation area. Average Consumption for 2002-2004
											<b>37.00534588</b>		
<b>Irrigation of Parks</b>													
	Dade Co Parks & Rec		6700 Crandon Blvd	Key Biscayne					127,478	0.26	0.130629858		Assumed 50% irrigation area. Average Consumption for 2002-2004
	Dade Co Parks & Rec (2nd Area)		6700 Crandon Blvd	Key Biscayne					58,135	0.12	0.059572527		Assumed 50% irrigation area. Consumption for 2004
	Dade Co Parks & Rec		4000 Crandon Blvd	Key Biscayne					30,279	0.06	0.031027721		Assumed 50% irrigation area. Average Consumption for 2003-2004
	Dade Co Parks & Rec		24775 SW 87th Ave	Homestead					30,019	0.06	0.030761292		Assumed 50% irrigation area. Consumption for 2002
	Dade Co Parks & Rec		3251 S Miami Ave	Miami					32,470	0.07	0.033272899		Assumed 50% irrigation area. Average Consumption for 2002-2003
	Dade Co Parks & Rec		11201 SW 24th St	Miami					25,667	0.05	0.026301678		Assumed 50% irrigation area. Consumption for 2004
	City of Miami Beach	North						3.2000					
	Miami Beach	North			736.82198	32095965.3	0.2857	5.7166					
	Milton E Thompson Park	North	16665 NW 177th Ave		640.6566	27907001.5	0.2857	4.9705					Identified by City Parks Dept for Reuse
	Amelia Earhart Park	North	11900 NW 42nd Ave		530.22447	23096578.1	0.2857	4.1137					Identified by City Parks Dept for Reuse
	Amelia Earhart Park (RIB)				53.022447		0.788333333	41.7994					
	Country Club of Miami	North			333.53695	14528869.65	0.2857	2.5877					
	Haulover Park	North	10801 Collins Ave		251.4946	10955104.7	0.2857	1.9512					Identified by City Parks Dept for Reuse
	Haulover Park (RIB)				25.14946		0.788333333						
	Greynolds Park	North			163.83699	7136739.45	0.2857	1.2711					
	Greynolds Park (RIB)				16.383699		0.788333333	12.9158					
	Ives Estates Park	North	NE 16th Ave & NE 209th St		94.233528	4104812.476	0.2857	0.7311					Identified by City Parks Dept for Reuse
	Ives Estates Park (RIB)				9.4233528		0.788333333	7.4287					
	Surfside Beach	North			91.800321	3998821.97	0.2857	0.7122					
	Sunny Isles Beach	North			78.134828	3403553.123	0.2857	0.6062					
	Bal Harbour Beach	North			66.587296	2900542.613	0.2857	0.5166					

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Irrigation of Parks	Haulover Beach	North			48.527093	2113840.153	0.2857	0.3765					
	East Greynolds Park	North			42.064815	1832343.345	0.2857	0.3264					
	Gwen Cherry Park	North			38.550828	1679274.072	0.2857	0.2991					
	Highland Oaks Park	North			35.465809	1544890.638	0.2857	0.2752					
	Snake Creek Trail	North			22.100556	962700.2071	0.2857	0.1715					
	Oak Grove Park	North			21.294059	927569.211	0.2857	0.1652					
	Norman & Jean Reach Park	North			20.262015	882613.3645	0.2857	0.1572					
	Country Lake Park	North			18.809922	819360.2017	0.2857	0.1459					
	Arcola Lakes Park	North			18.237269	794415.4343	0.2857	0.1415					
	Pelican Harbor Marina	North			18.02905	785345.4073	0.2857	0.1399					
	Country Village Park	North			16.743014	729325.6702	0.2857	0.1299					
	Monterrey Park	North			11.745593	511638.035	0.2857	0.0911					
	Little River Park	North			10.280388	447813.7077	0.2857	0.0798					
	Miami Shores Optimist Club	North			10.113098	440526.5668	0.2857	0.0785					
	West Little River Elementary	North			9.391021	409072.8728	0.2857	0.0729					
	Arch Creek Park	North			9.259652	403350.4432	0.2857	0.0718					
	Martin Luther King Blvd (NW 62 ST)	North			8.6332024	376062.2974	0.2857	0.0670					
	Martin Luther King Memorial Park	North			8.6244216	375679.8057	0.2857	0.0669					
	Joseph Caleb Community Center	North			7.8632197	342521.8488	0.2857	0.0610					
	Model Cities Trail	North			7.7001272	335417.5387	0.2857	0.0597					
	Country Club of Miami South- Tract A	North			7.0706135	307995.9235	0.2857	0.0549					
	Spanish Lake	North			6.498905	283092.301	0.2857	0.0504					
	Country Club of Miami South- Tract D	North			6.2576249	272582.1412	0.2857	0.0485					
	Biscayne Shores and Gardens Park	North			6.1565543	268179.5062	0.2857	0.0478					
	Olinda Park	North			6.1404959	267480.0013	0.2857	0.0476					
	Acadia Park	North			5.9914497	260987.5492	0.2857	0.0465					
	Pelican Island	North			5.8027614	252768.2854	0.2857	0.0450					
	Country Club of Miami Community Ctr.	North			5.5822838	243164.2836	0.2857	0.0433					
	Country Club of Miami South- Tract C	North			5.507662	239913.7587	0.2857	0.0427					
	Arcola Park	North			4.9473218	215505.3392	0.2857	0.0384					
	Ives Estates Tennis Center	North			4.812908	209650.2726	0.2857	0.0373					
	Larchmont Park	North			4.6158383	201065.9175	0.2857	0.0358					
	Drew Park	North			4.5538377	198365.1701	0.2857	0.0353					
	Marva Y. Bannerman Park & Pool	North			3.9994921	174217.8768	0.2857	0.0310					
	North Glade Park	North			3.980579	173394.022	0.2857	0.0309					
	African Heritage Cultural Arts Cntr	North			3.5366264	154055.4454	0.2857	0.0274					
	Biscayne Gardens Park	North			3.5263655	153608.4807	0.2857	0.0274					
	Partners Park	North			3.4007622	148137.2007	0.2857	0.0264					
	Soar Park	North			3.1455598	137020.5833	0.2857	0.0244					
	Country Club of Miami South- Tract B	North			2.9327017	127748.4872	0.2857	0.0228					
	Sierra Park	North			1.9474931	84832.80122	0.2857	0.0151					
	Broadmoor Park	North			1.7782827	77461.99401	0.2857	0.0138					
	Jefferson Reaves, Sr. Park	North			1.7087798	74434.44853	0.2857	0.0133					
	Ojus Park	North			1.6700762	72748.51979	0.2857	0.0130					
	Jeb Estates Park	North			1.6132613	70273.66214	0.2857	0.0125					
	Military Trail Park	North			1.5812865	68880.84199	0.2857	0.0123					
	27th Avenue Teen Center (Boxing)	North			1.3918703	60629.86901	0.2857	0.0108					
	Gratigny Plateau Park	North			0.969849	42246.62452	0.2857	0.0075					
	Gladeview Park	North			0.9636476	41976.49063	0.2857	0.0075					
	Northwest Highlands Park	North			0.7302293	31808.78727	0.2857	0.0057					
	Glenwood Park	North			0.6006666	26165.03587	0.2857	0.0047					
	Area 222	North			0.5774525	25153.83056	0.2857	0.0045					
	North Shorecrest Park	North			0.5347426	23293.38552	0.2857	0.0041					
	Fernville Park	North			0.470117	20478.29599	0.2857	0.0036					
	Claire Rosichan Park	North			0.3950067	17206.49362	0.2857	0.0031					
	Area 225	North			0.3830483	16685.5833	0.2857	0.0030					
	Country Club of Miami Tot Lot	North			0.3024813	13176.08666	0.2857	0.0023					
	Oak Park	North			0.2928425	12756.21976	0.2857	0.0023					
	Alonzo Kelly Park	North			0.2898934	12627.75824	0.2857	0.0022					
	Rocky Creek Park	North			0.2576507	11223.26434	0.2857	0.0020					
	Area 226	North			0.2386253	10394.51878	0.2857	0.0019					
	Ives Estates Tot Lot	North			0.2189928	9539.327807	0.2857	0.0017					
	Area 223	North			0.159829	6962.15125	0.2857	0.0012					
	Area 227	North			0.1131123	4927.170393	0.2857	0.0009					
	North Miami Stadium	North			35	1524600	0.2857	0.2715			92.4107		
	Crandon Park	Central			972.90042	42379542.19	0.2857	7.5482					
	R. Hardy Matheson Preserve	Central			790.98095	34455130.27	0.2857	6.1368					
	Trail Glades Range	Central	SW 8th St & 177th Ave		706.77978	30787327.33	0.2857	5.4835					Identified by City Parks Dept for Reuse
	RIT				70.677978			13.9295					
	Miami Metrozoo	Central			290	12632400	0.2857	2.2500					
	Chapman Field Park	Central			576.40188	25108066.06	0.2857	4.4720					

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Irrigation of Parks	Matheson Hammock Park	Central			461.35127	20096461.52	0.2857	3.5794					
	Charles Deering Estate	Central			453.71515	19763831.95	0.2857	3.5201					
	Larry & Penny Thompson Park	Central			441.34381	19224936.31	0.2857	3.4242					
	Tropical Park	Central			283.20222	12336288.88	0.2857	2.1972					
	Tamiami Park	Central			251.89008	10972331.84	0.2857	1.9543					
	Black Point Park and Marina	Central			204.404	8903838.349	0.2857	1.5859					
	West Kendall District Park	Central			155.75673	6784763.024	0.2857	1.2084					
	Black Creek Trail	Central			152.07946	6624581.472	0.2857	1.1799					
	Nixon Smiley Pineland Preserve	Central			129.99466	5662567.589	0.2857	1.0086					
	Kendall Indian Hammocks Park	Central			128.01071	5576146.384	0.2857	0.9932					
	Kendall Indian Hammocks Park RIT				1	43560	1.2857	0.0349					
	Kendall Indian Hammocks Park RIT				1	43560		0.7883					
	Tree Island Park	Central	SW 24th St & SW 147th Ave		119.67889	5213212.634	0.2857	0.9285					Identified by City Parks Dept for Reuse
	Palmetto Golf Course	Central			111.54632	4858957.695	0.2857	0.8654					
	Lakes by the Bay Park	Central	SW 216th St & SW 85th Ave		103.97067	4528962.5	0.2857	0.8067					Identified by City Parks Dept for Reuse
	Fairchild Tropical Botanic Garden	Central			82.633505	3599515.474	0.2857	0.6411					
	A.D. "Doug" Barnes Park	Central			59.426417	2588614.718	0.2857	0.4611					
	Biscayne Trail	Central			53.286513	2321160.499	0.2857	0.4134					
	Snapper Creek Trail	Central			48.978336	2133496.312	0.2857	0.3800					
	Gold Coast Railroad Museum Park	Central			47.201068	2056078.51	0.2857	0.3662					
	Kendall Soccer Park	Central			42.862315	1867082.429	0.2857	0.3325					
	Virginia Key	Central			39.892266	1737707.124	0.2857	0.3095					
	Chuck Pezoldt Park	Central			39.882727	1737291.57	0.2857	0.3094					
	Briar Bay Golf Course	Central			33.323166	1451557.132	0.2857	0.2585					
	Goulds Park	Central			30.569834	1331621.978	0.2857	0.2372					
	Old Cutler Bike Path	Central			29.232348	1273361.064	0.2857	0.2268					
	Winston Linear Park	Central			27.737394	1208240.885	0.2857	0.2152					
	Bill Sadowski Preserve	Central			25.880697	1127363.172	0.2857	0.2008					
	K-Land	Central			22.866255	996054.0885	0.2857	0.1774					
	North South Trail	Central			22.731875	990200.4593	0.2857	0.1764					
	Camp Matecumbe	Central			21.432666	933606.9112	0.2857	0.1663					
	Westwind Lakes Park	Central			20.749532	903849.6216	0.2857	0.1610					
	Continental Park	Central			17.199398	749205.7841	0.2857	0.1334					
	Roberta Hunter Park	Central			16.241879	707496.236	0.2857	0.1260					
	Hammocks Community Park	Central			15.900087	692607.78	0.2857	0.1234					
	Three Lakes Park	Central	SW 134th Ave & SW 136th St		15.653168	681851.9884	0.2857	0.1214					Identified by City Parks Dept for Reuse
	Kendale Lakes Park	Central			15.534348	676676.1891	0.2857	0.1205					
	The Womens Park	Central			15.155155	660158.5391	0.2857	0.1176					
	Ruben Dario Park	Central			14.885033	648392.0567	0.2857	0.1155					
	Southridge Park	Central			14.542129	633455.1406	0.2857	0.1128					
	North Trail Park	Central			14.016936	610577.7295	0.2857	0.1088					
	Ron Ehmann Park	Central			13.608601	592790.6582	0.2857	0.1056					
	Millers Pond Park	Central			12.854272	559932.0962	0.2857	0.0997					
	Southern Estates Park	Central			12.779864	556690.8818	0.2857	0.0992					
	Devon Aire Park	Central			12.429634	541434.8717	0.2857	0.0964					
	Wild Lime Park	Central			11.809655	514428.5806	0.2857	0.0916					
	Ned Glenn Nature Preserve	Central			11.350459	494425.9759	0.2857	0.0881					
	Lago Mar Park	Central			11.073876	482378.0188	0.2857	0.0859					
	Deerwood Park	Central			11.025716	480280.1705	0.2857	0.0855					
	Cutler Ridge Park	Central			10.892759	474488.5855	0.2857	0.0845					
	Rock Pit #57	Central			10.571386	460489.5931	0.2857	0.0820					
	Sgt. Joseph Delancy Park	Central			10.148875	442084.9911	0.2857	0.0787					
	Pine Ridge B.M.X. Park	Central			9.7707733	425614.8852	0.2857	0.0758					
	Miami-Dade County Auditorium	Central			9.7023875	422635.9981	0.2857	0.0753					
	Eden Lakes Park	Central			9.6379533	419829.2445	0.2857	0.0748					
	Colonial Drive Park	Central			9.4515608	411709.987	0.2857	0.0733					
	WESTWIND LAKES SP TX DIST TR A	Central			9.2020849	400842.8179	0.2857	0.0714					
	West Perrine Park	Central			9.1423385	398240.2634	0.2857	0.0709					
	Tropical Estates Park	Central			9.0802519	395535.7748	0.2857	0.0704					
	McMillan Park	Central			8.9405549	389450.5695	0.2857	0.0694					
	Concord Park	Central			8.8572638	385822.4102	0.2857	0.0687					
	Sugarwood Park	Central			8.8557898	385758.2059	0.2857	0.0687					
	Bird Lakes Park	Central			8.033811	349952.8057	0.2857	0.0623					
	Fairwood Park	Central			7.9311351	345480.2465	0.2857	0.0615					
	Pine Shore Pineland Preserve	Central			7.5671649	329625.7037	0.2857	0.0587					
	Arvida Park	Central			7.5465127	328726.0926	0.2857	0.0585					
	Sun Lakes Park	Central			7.1364669	310864.4968	0.2857	0.0554					
	Olympic Park	Central			7.0801329	308410.5903	0.2857	0.0549					
	Calusa Club Estates Park	Central			6.9920923	304575.5425	0.2857	0.0542					
	Briar Bay Trail	Central			6.7102734	292299.5092	0.2857	0.0521					

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Irrigation of Parks	Kings Grant Park	Central			6.4193777	279628.0936	0.2857	0.0498					
	Blue Lakes Park	Central			6.3967286	278641.4997	0.2857	0.0496					
	Brothers To The Rescue Memorial Park	Central			6.0130513	261928.513	0.2857	0.0467					
	Bent Tree Park	Central			5.9780073	260401.9961	0.2857	0.0464					
	South Miami Heights Park	Central			5.9710301	260098.071	0.2857	0.0463					
	Forest Lakes Park	Central			5.6680027	246898.1991	0.2857	0.0440					
	Snapper Creek Park	Central			5.6235662	244962.5458	0.2857	0.0436					
	Area 318	Central			5.5335096	241039.6772	0.2857	0.0429					
	Caribbean Park	Central			5.4783442	238636.6744	0.2857	0.0425					
	Kings Meadow Park	Central			5.4353467	236763.7019	0.2857	0.0422					
	Eureka Villas Park	Central			5.302325	230969.278	0.2857	0.0411					
	Eureka Park	Central			5.271713	229635.8166	0.2857	0.0409					
	International Gardens Park	Central			5.258489	229059.78	0.2857	0.0408					
	Coral Estates Park	Central			5.2578033	229029.9127	0.2857	0.0408					
	Whispering Pines Hammock Preserve	Central			5.1980678	226427.8319	0.2857	0.0403					
	Water Oaks Park	Central			5.1770207	225511.0224	0.2857	0.0402					
	Saga Bay Park	Central			5.1526223	224448.2291	0.2857	0.0400					
	WESTWIND LAKES SP TX DIST TR GP1 &	Central			5.1188606	222977.5689	0.2857	0.0397					
	Tamiami Lakes Park	Central			5.0574976	220304.5951	0.2857	0.0392					
	WESTWIND LAKES SP TX DIST TR G	Central			5.039512	219521.1407	0.2857	0.0391					
	Oak Creek Park	Central			5.0326189	219220.8797	0.2857	0.0390					
	West Kendale Lakes Park	Central			5.0285364	219043.047	0.2857	0.0390					
	Saga Lake Park	Central			5.00452	217996.8934	0.2857	0.0388					
	Serena Lakes Park	Central			4.9408758	215224.552	0.2857	0.0383					
	Franjo Park	Central			4.844119	211009.823	0.2857	0.0376					
	Bel Aire Park	Central			4.8341139	210574.0028	0.2857	0.0375					
	Briar Bay Park	Central			4.769438	207756.7209	0.2857	0.0370					
	Sandpiper Park	Central			4.7362936	206312.9504	0.2857	0.0367					
	Rock Ridge Park	Central			4.5428678	197887.3235	0.2857	0.0352					
	MedSouth Park	Central			4.484414	195341.0748	0.2857	0.0348					
	Goulds Wayside Park	Central			4.4195965	192517.622	0.2857	0.0343					
	Westwood Park	Central			4.3258858	188435.5869	0.2857	0.0336					
	Sabal Chase Park	Central			4.2844125	186629.0083	0.2857	0.0332					
	Area 258	Central			3.9678653	172840.212	0.2857	0.0308					
	Miller Drive Park	Central			3.9314166	171252.5064	0.2857	0.0305					
	Kendale Park	Central			3.85865	168082.7953	0.2857	0.0299					
	Rock Pit #77	Central			3.8034013	165676.1596	0.2857	0.0295					
	Cutler Ridge Skate Park	Central			3.6038246	156982.5999	0.2857	0.0280					
	Royale Green Park	Central			3.3773837	147118.8324	0.2857	0.0262					
	Banyan Park	Central			3.0873985	134487.0789	0.2857	0.0240					
	Rockdale Park	Central			2.9988117	130628.2361	0.2857	0.0233					
	Kendalwood Park	Central			2.711247	118101.9187	0.2857	0.0210					
	WESTWIND LAKES SP TX DIST TR FP2	Central			2.7036976	117773.0687	0.2857	0.0210					
	Area 323	Central			2.6719245	116389.0309	0.2857	0.0207					
	West Perrine Senior Center	Central			2.5920027	112907.6388	0.2857	0.0201					
	Sunset Park	Central			2.4748076	107802.6171	0.2857	0.0192					
	Quail Roost Park	Central			2.4651054	107379.9923	0.2857	0.0191					
	Francisco Human Rights Park	Central			2.3738257	103403.8473	0.2857	0.0184					
	Area 316	Central			2.3288345	101444.0327	0.2857	0.0181					
	Area 47	Central			2.1916456	95468.08167	0.2857	0.0170					
	Westbrook Park	Central			2.1015344	91542.84025	0.2857	0.0163					
	Rockway Park	Central			1.8921139	82420.48093	0.2857	0.0147					
	Area 324	Central			1.8720009	81544.36118	0.2857	0.0145					
	Tamiami Trail Park (North)	Central			1.8066911	78699.46383	0.2857	0.0140					
	Schenley Park	Central			1.6775335	73073.359	0.2857	0.0130					
	Walter A.White Park	Central			1.6440535	71614.96829	0.2857	0.0128					
	Pinewoods Park	Central			1.4516556	63234.11598	0.2857	0.0113					
	Cherry Grove Park	Central			1.4233399	62000.68418	0.2857	0.0110					
	Whispering Pines Park	Central			1.382461	60220.00215	0.2857	0.0107					
	Coral Gables Wayside Park	Central			1.3358958	58191.61992	0.2857	0.0104					
	Area 259	Central			1.1734316	51114.681	0.2857	0.0091					
	Area 312	Central			1.1401961	49666.94083	0.2857	0.0088					
	Banyan Drive Park	Central			1.1159092	48609.00384	0.2857	0.0087					
	Area 338	Central			1.0936728	47640.38861	0.2857	0.0085					
	Sudlow Park	Central			0.9387662	40892.65713	0.2857	0.0073					
	Area 313	Central			0.9135988	39796.36558	0.2857	0.0071					
	San Jacinto Park	Central			0.8958445	39022.98744	0.2857	0.0070					
	Ben Shavis Park	Central			0.8555851	37269.28792	0.2857	0.0066					
	Lincoln Estates Park	Central			0.8152646	35512.9254	0.2857	0.0063					

## Miami-Dade County

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Irrigation of Parks	Lincoln City Park #2	Central			0.6954115	30292.12581	0.2857	0.0054					
	Richmond Triangle Park	Central			0.5979256	26045.64088	0.2857	0.0046					
	Sunkist Park	Central			0.5727268	24947.97913	0.2857	0.0044					
	Losner Park	Central			0.552773	24078.794	0.2857	0.0043					
	Lincoln City Park #1	Central			0.495536	21585.54949	0.2857	0.0038					
	Humble Mini Park	Central			0.4806571	20937.42286	0.2857	0.0037					
	Snapper Creek Lake Parkway	Central			0.4124696	17967.1754	0.2857	0.0032					
	Sunset Heights Park	Central			0.3689774	16072.65412	0.2857	0.0029					
	Hammock Lake Park	Central			0.1353629	5896.408725	0.2857	0.0011					
	Old Cutler Bike Rest Stop	Central			0.0116982	509.5723677	0.2857	0.0001					
	Kendall Indian Hammocks Park										74.1407		
	Mangrove Preserve	South			401.80593	17502666.26	0.2857	3.1174					
	Homestead Bayfront Park	South			268.86205	11711630.95	0.2857	2.0860					
	Navy Wells Pineland Preserve	South			261.56093	11393593.96	0.2857	2.0293					
	Homestead Air Reserve Park	South	SW 268th & SW 122nd Ave		216.49783	9430645.595	0.2857	1.6797					Identified by City Parks Dept for Reuse
	Homestead Air Reserve Park (RIT)	South	SW 268th & SW 122nd Ave		216.49783	9430645.595 NA		10.0000					
	Camp Owaissa Bauer	South			93.905361	4090517.51	0.2857	0.7286					
	PLANT	South			69.815446	3041160.84	0.2857	0.5417					
	Castellow Hammock Preserve	South			60.46551	2633877.623	0.2857	0.4691					
	Redland Fruit & Spice Park	South			32.338082	1408646.849	0.2857	0.2509					
	Royal Colonial Park	South			26.273215	1144461.247	0.2857	0.2038					
	Seminole Wayside Park	South			24.420771	1063768.78	0.2857	0.1895					
	Fuchs Hammock Preserve	South			24.000285	1045452.423	0.2857	0.1862					
	Everglades Archers Range	South			18.913531	823873.4241	0.2857	0.1467					
	Pine Island Lake Park	South			17.445037	759905.8188	0.2857	0.1353					
	Hattie Bauer Hammock Preserve	South			14.449942	629439.4749	0.2857	0.1121					
	Plaza Licenciado Benito Juarez	South			10.342625	450524.7627	0.2857	0.0802					
	Area 291	South			9.9709165	434333.1228	0.2857	0.0774					
	Cinco de Mayo Park	South			9.5374638	415451.9241	0.2857	0.0740					
	Modello Park	South			9.2864756	404518.8777	0.2857	0.0720					
	Leisure Lakes Park	South			8.303398	361696.0184	0.2857	0.0644					
	Naranja Park	South			8.1381458	354497.6318	0.2857	0.0631					
	South Dade Park	South			8.0529994	350788.6558	0.2857	0.0625					
	Sharman Park	South			6.7471667	293906.5813	0.2857	0.0523					
	Princetonian Park	South			6.5434274	285031.6966	0.2857	0.0508					
	Kevin Broils Park	South			5.1907077	226107.2261	0.2857	0.0403					
	Palmland Park	South			5.0917764	221797.7799	0.2857	0.0395					
	Bonanza Ranch Estates Park	South			4.8475251	211158.1947	0.2857	0.0376					
	Biscado Park	South			4.1364649	180184.4098	0.2857	0.0321					
	Modello Wayside Park	South			2.6880508	117091.4917	0.2857	0.0209					
	Leisure Park	South			1.8549715	80802.56027	0.2857	0.0144					
	Naranja Lakes Park	South			1.554685	67722.07659	0.2857	0.0121					
	Southern Memorial Cemetery					470047	0.2857	0.0837			22.6699		
	Key Biscayne Park					161172	0.2857	0.0287	0.0684		189.5329		

## Miami-Dade County

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						126871	0.2857	0.0226					
Irrigation Residential						95991	0.2857	0.0171					From Water Billing records in Manatee County, FL for irrigation vs. in-house use it is a 78% reduction in residential potable water demand
New Developments	Providence Parkland Florida City	South South South	NA NA NA	NA NA NA	NA NA NA	NA NA NA	NA NA NA	NA NA NA	NA NA NA	NA NA NA			These developments are outside UDB and applications are not approved.
	Biscayne Landings	North	with concentration around US-1	North Miami	1500	9801000	0.244857143	1.4961					Assume 15% green space for residential. Application rate calculated from FDEP 2004 Reuse Inventory
	South-Miami Dade Watershed Area - Residential	South			4526	29572884	0.244857143	4.5142					Assume 15% green space for residential. Application rate calculated from FDEP 2004 Reuse Inventory
	South-Miami Dade Watershed Area - Park Irrigation	South	Southwest Miami-Dade		884	5776056	0.244857143	0.8817					
	South-Miami Dade Watershed Area - Park RIT				221		0.788333333	174.2217					Assume 25% of the parks available for infiltration trenches and application rate similar to Homestead (6 MGD for 4.73 acres)
	South-Miami Dade Watershed Area - Commercial Cnetury Builders: Islands at Doral	South	Southwest Miami-Dade		1062 96	2313036 209088	0.244857143 0.244857143	0.3531 0.0319			181.4668		Assume 5% green space for commercial
Irrigation Agricultural (Nonedible & pasture)													Application rate calculated from FDEP 2004 Reuse Inventory
	Improved pastures	North			1648.9929	71830131.37	0.194147395	-					
	Herbaceous (Dry Prairie)	North			1099.5274	47895411.96	0.194147395	-					
	Hardwood / Conifererous Mixed	North			1051.4696	45802017.75	0.194147395	-					
	Ornamentals	North			521.2311	22704826.93	0.194147395	-					
	Upland Shrub and Brush land	North			519.793	22642183	0.194147395	-					
	Tree nurseries	North			498.40818	21710660.12	0.194147395	-					
	Upland Hardwood Forest	North			236.63722	10307917.13	0.194147395	-					
	Mixed Rangeland	North			231.45432	10082149.97	0.194147395	-					
	Unimproved pastures	North			158.63659	6910209.657	0.194147395	-					
	Nurseries and Vineyards	North			63.293329	2757057.417	0.194147395	-					
	Specialty Farms	North			45.338892	1974962.145	0.194147395	-					
	Pine Flatwoods	North			39.670921	1728065.329	0.194147395	-					
	Woodland pastures	North			17.419516	758794.1354	0.194147395	-					
	Coastal Scrub	North			11.123837	484554.3583	0.194147395	-					
	Ornamentals	Central			3878.1317	168931417.1	0.194147395	20.4466					
	Upland Shrub and Brush land	Central			1286.1262	56023658.62	0.194147395	6.7808					
	Herbaceous (Dry Prairie)	Central			1224.6196	53344431.67	0.194147395	6.4565					
	Tree nurseries	Central			1129.2998	49192301.36	0.194147395	5.9540					
	Improved pastures	Central			581.05937	25310946.13	0.194147395	3.0635					
	Cemeteries	Central			467.35737	20358086.94	0.194147395	2.4640					
	Commercial and Services Under Construction	Central			270.08165	11764756.88	0.194147395	1.4239					
	Unimproved pastures	Central			111.36907	4851236.641	0.194147395	0.5872					
	Hardwood / Conifererous Mixed	Central			91.376595	3980364.487	0.194147395	0.4818					
	Horse farms	Central			52.366886	2281101.536	0.194147395	0.2761					
	Forest Regeneration Areas	Central			12.255662	533856.6216	0.194147395	0.0646					
	Tree Plantations	Central			5.870015	255697.853	0.194147395	0.0309					
	Upland Shrub and Brush land	South			7795.2678	339561865.5	0.194147395	41.0988			48.0299		
	Ornamentals	South			5458.5065	237772542.2	0.194147395	28.7787					
	Tree nurseries	South			3717.5915	161938287.3	0.194147395	19.6002					
	Herbaceous (Dry Prairie)	South			527.4329	22974977.04	0.194147395	2.7808					
	Upland Hardwood Forest	South			395.40529	17223854.51	0.194147395	2.0847					
	Mixed Rangeland	South			241.76783	10531406.82	0.194147395	1.2747					
	Horse farms	South			97.616694	4252183.174	0.194147395	0.5147					
	Improved pastures	South			74.191999	3231803.469	0.194147395	0.3912					
	Pine Flatwoods	South			47.383542	2064027.082	0.194147395	0.2498					
	Unimproved pastures	South			29.474444	1283906.766	0.194147395	0.1554					
					27494.553								
											96.9288		
											144.9588		

# Miami-Dade County

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Application rate calculated from FDEP 2004 Reuse Inventory													
(Edible crops)													
	Field crops	Central			17220.268	750114893	0.052666507	24.6287					
	Row crops	Central			5152.121	224426392.3	0.052666507	7.3686					
	Fruit Orchards	Central			2857.9709	124493214.2	0.052666507	4.0875					
	Fallow cropland	Central			1311.8111	57142490.11	0.052666507	1.8762					
	Citrus groves	Central			926.65503	40365093.2	0.052666507	1.3253					
	Sod farms	Central			577.46827	25154517.8	0.052666507	0.8259					
	Specialty Farms	Central			224.10614	9762063.259	0.052666507	0.3205					
	Sugar Cane	Central			7.6945605	335175.0539	0.052666507	0.0110			40.4437		
	Field crops	South			17841.951	777195387.4	0.052666507	25.5178					
	Row crops	South			12466.445	543038347.1	0.052666507	17.8297					
	Citrus groves	South			5907.176	257316587.4	0.052666507	8.4485					
	Fruit Orchards	South			5469.9207	238269747.4	0.052666507	7.8232					
	Sod farms	South			1077.2347	46924343.82	0.052666507	1.5407					
	Fallow cropland	South			1000.4019	43577505.31	0.052666507	1.4308					
	Mixed Crops	South			310.95735	13545302.31	0.052666507	0.4447					
	Specialty Farms	South			23.785982	1036117.373	0.052666507	0.0340					
	Aquaculture	South			14.364036	625697.3978	0.052666507	0.0205					
											63.0899		
											103.5336		
Irrigation Landscapes													
(Office, Commercial, Median)													
	Florida Turn Pike	North				17914954.4	0.2857	3.1908					Assumed FDEP application rate. Assumed 28' Landscape Median
	Florida Turn Pike	Central				8679512.8	0.2857	1.5459					
	Florida Turn Pike	South				2235559.2	0.2857	0.3982					
Residential	Village of Key Biscayne	Central			32	1393920	0.244857143	0.2128			5.1349		
Vehicle Washing													
Garbage Trucks	Dade Co Solid Waste		6990 NW 97th Ave	Miami					61,798	0.13	0.025330441		Assumed 20% reuse for washing equipment. Average Consumption for 2003-2004
Marinas													
Airports (Airplanes & Rental Cars)	Miami Dade Co Aviation		Miami International Airport Water	Miami					846,930	1.74	0.34714895		Assumed 20% reuse for washing equipment. Consumption for 2004
North Miami Beach Vehicle Wash Rack												0.1	
Laundry Facilities													
	Baptist Health Systems		5000 University Dr	Coral Gables					27,661	0.06			Consumption for 2004
	Baptist Hospital Of Miami		8900 SW 88th St	Miami					72,774	0.15			Average Consumption for 2002-2004
	Bass Miami Int Arpt #17		950 NW 42nd Ave	Miami					30,665	0.06			Average Consumption for 2002-2004
	Cedars Medical Center Inc		1400 NW 12th Ave	Miami					81,576	0.17			Average Consumption for 2002-2004
	Coral Reef Gen Hosp		9333 SW 152nd St	Miami					31,071	0.06			Average Consumption for 2002-2004
	Cp Miami Hotel Operating		1601 Biscayne Blvd	Miami					45,728	0.09			Average Consumption for 2002-2004
	Doctors Hospital		5000 University Dr	Coral Gables					28,737	0.06			Consumption for 2002
	Doubletree Hotel		2651 S Bayshore Dr	Miami					27,436	0.06			Average Consumption for 2002-2004
	Dupont Plaza Center Inc		300 SE 4th St	Miami					32,066	0.07			Average Consumption for 2002-2003
			3974 NW South River Dr	Miami									
	Embassy Suites			Miami					42,650	0.09			Average Consumption for 2002-2004
	G B H Joint Venture		2669 S Bayshore Dr	Miami					33,140	0.07			Average Consumption for 2002-2004
	G B Hotel Partners Ltd		455 Grand Bay Dr	Key Biscayne					40,759	0.08			Average Consumption for 2002-2004
	Galen Health Care Inc Db		20900 Biscayne Blvd	Miami					32,937	0.07			Average Consumption for 2002-2004
	Hyatt Regency Of Miami		400 SE 2nd Ave	Miami					57,026	0.12			Average Consumption for 2002-2004
	Inter-Contin Fla Opr Corp		100 Chopin Plz	Miami					56,118	0.12			Average Consumption for 2002-2004
	Jackson Memorial Hospital		1730 NW 10th Ave	Miami					290,421	0.60			Average Consumption for 2002-2004
	Jackson Memorial Hospital		1701 NW 12th Ave	Miami					73,890	0.15			Average Consumption for 2002-2004
	Jackson Memorial Hospital		1500 NW 12th Ave	Miami					31,930	0.07			Average Consumption for 2002-2004
	Kendall Regional Med Ctr		11750 SW 40th St	Miami					31,182	0.06			Average Consumption for 2002-2004
	Ksl Hotel Corp		4400 NW 87th Ave	Miami					98,244	0.20			Average Consumption for 2002-2004
	Malibu Lodging Investment		679 NW 79th St	Miami					26,583	0.05			Consumption for 2003
	Marriott Corp		1201 NW 42nd Ave	Miami					67,999	0.14			Average Consumption for 2002-2004
	Marriott Hotels		1633 N Bayshore Dr	Miami					45,641	0.09			Average Consumption for 2002-2004
	Mdm Brickell Hotel Group		1109 Brickell Ave	Miami					30,716	0.06			Consumption for 2004
	Mdm Hotel Group Ltd		9090 S Dadeland Blvd	Miami					30,281	0.06			Average Consumption for 2002-2004
	79 Mercy Hospital Inc		3663 S Miami Ave	Miami					41,932	0.09			Average Consumption for 2002-2004

# Miami-Dade County

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Laundry Facilities	Miami Airport Hilton		5101 Blue Lagoon Dr	Miami					38,226	0.08			Average Consumption for 2002-2004
	Miami Children's Hospital		6125 SW 31st St	Miami					35,819	0.07			Average Consumption for 2002-2004
	Miami Hotel Inv Corp		5800 Blue Lagoon Dr	Miami					42,983	0.09			Average Consumption for 2002-2004
	Palace Laundry Inc AKA Lines of the Week		1415 NW 21st Ter	Miami					49,735	0.10	0.091736056		ssumed 90% reuse all for washing. Average Consumption for 2002-2004
	Renaissance Business Professional Center		1200 Anastasia Ave	Coral Gables					40,391	0.08			Average Consumption for 2002-2004
	Sheraton Brickell Point		495 Brickell Ave	Miami					44,650	0.09			Average Consumption for 2002-2004
	Sheraton River House		3900 NW 21st St	Miami					33,696	0.07			Average Consumption for 2002-2004
	South Florida Hotel Inc		711 NW 72nd Ave	Miami					42,649	0.09			Average Consumption for 2002-2004
	South Miami Hospital Inc		6200 SW 73rd St	South Miami					57,141	0.12			Average Consumption for 2002-2004
	Swire Brickell Key Hotel		500 Brickell Key Dr	Miami					48,375	0.10			Average Consumption for 2002-2004
	Tropero Inv Nv Goldbloom		244 Biscayne Blvd	Miami					28,493	0.06			Consumption for 2002
	Veterans Admin Hospital		1201 NW 16th St	Miami					97,227	0.20			Average Consumption for 2002-2004
Construction Activities													
Concrete Production													
	Pinker Materials Corp		1656 N Miami Ave	Miami					40,008	0.08	0.2925		Average Consumption for 2002-2004
Industrial	Beverage Manufacturing		3550 NW 110th St	Miami					87,168	0.18			Average Consumption for 2002-2004
	Canada Dry Bltg Co Fla		5900 NW 72nd Ave	Miami					36,289	0.07			Consumption for 2004
	Florida Power & Light Co		14925 SW 67th Ave	Miami					41,313	0.08			Average Consumption for 2002-2004
	Gcc Beverages Inc		7777 NW 41st St	Miami					53,086	0.11			Consumption for 2002
	81 Mearthur Dairy Inc		6801 NE 2nd Ave	Miami					75,743	0.16			Average Consumption for 2002-2004 for both meters
	North Shore Hospital		1100 NW 95th St	Miami					31,625	0.06			Consumption for 2002
	Rainbow Mills		5120 NW 165th St	Hialeah					64,850	0.13			Consumption for 2002
	The Miami Herald Pub Co		1325 N Bayshore Dr	Miami					42,791	0.09			Average Consumption for 2002-2004
	82 Winn Dixie Stores Inc		3000 NW 123rd St	Miami					38,017	0.08			Average Consumption for 2002-2004
Zoos/Aquariums													
	Dade Co Parks & Rec (Zoo)		12400 SW 152nd St	Miami					38,958	0.08	0.003		Average Consumption for 2003-2004
	Marine Exhibit Corp		4400 Rickenbacker Cswy	Key Biscayne					36,200	0.07	0.003		Average Consumption for 2002-2004
Athletic Stadiums													
	Calder Race Track		21001 NW 27th Ave	Opa Locka					139,497	0.29			Average Consumption for 2002-2004
Irrigation Landscaping - Municipal Environmental/Aquifer Recharge Wetlands													
CERP	Biscayne Bay Coastal Wetlands (EMB)	South			9000			270					Based on Palm Beach County's man-made wetlands permitted capacity (3 MGD for 50 acres) and for a conservative estimate, 50% of the total was estimated
	West Miami-Dade Reuse	Central											
	Everglades Mitigation Bank												
Infiltration trenches Canal Recharge	Infiltration trenches at Northwest and West Wellfields	Central						17					
	Countywide: Maximum Reuse Scenario												
	Countywide: Minimum/Low Reuse Scenario												
	C-2	Central											
	C-4	Central											
	C-6	Central											
Industrial	L-31	South											
	Indirect recharge (Using ROW as infiltration gallery)				158400		18	1.7775					
	FPL - Turkey Point	South						130 - 195					
	NDWWTP	North											
Salt Water Intrusion Barriers	CDWWTP	Central											
	SDWWTP	South											
MDWASD									20				10 wells, 2 MGD each



# Miami-Dade County

User Name	District	Address	City	Area of Parcel (acre)	Area of Parcel (ft²)	Application Rate (in/day)	Quantity of Reuse Water (MGD)	Comments
Ives Estates Park	North	NE 16th Ave & NE 209th St	Miami	94.23352792	4104812.476	0.2857	0.7311	Identified by City Parks Dept for Reuse; however, was not considered before because it was not among top users.
Ives Estates Park Update	North	1475 NE 205th Terrace	Miami	5	217800			Address per MDPH website. Per Contacts, 92.5 total acres. 1 Well irrigates 5 acres. MDPH is planning to use City water.
Greynolds Golf Course and Park	North	17530 W Dixie Hwy	North Miami Be.	135.0334	5882054.904	0.2857	1.0477	Identified by City Parks Dept for Reuse
Greynolds Golf Course - previous				199	8668440	0.142857143	0.8700	
Greynolds Golf Course Upate				43	1873080			4 Wells: 3 wells water 9-hole golf course; the Hill has irrigation (1 well)
East Greynolds Park	North	16700 Biscayne Blvd.	Miami	42.06481509	1832343.345	0.2857	0.3264	Proximity to WTP and other major users; however, was not considered previous study because it was not among top users.
East Greynolds Park Update				0	0			Contact stated of 75 acres, 8.25 acres are maintained. Proposal to connect to city water from Biscayne Blvd.
California Golf Club	North	20898 San Simeon Way	North Miami	114.9627	5007775.212	0.2857	0.8919	
California Golf Club							0.3900	Per CUP and Survey response
California Golf Club Update		9375 SW 134th St.	Miami	68	2962080	450 mil gal/mo		Contact stated 70 Total Acres. Lake/surface water permitted by SFWMD.
California Golf Club using irrigable area								
Miami Shores Country Club	North	10000 Biscayne Blvd	Miami Shores	141.803	6176938.68	0.2857	1.1002	
Miami Shores Country Club Update				80	3484800	400,000 gal/day		Per Contact, about 100 Total acres. 2 Wells supply irrigation. Ponds part of SW system
Miami Shores Country Club - previous							0.1900	Per CUP and survey response
Miami Shores Country Club - Calculated using irrigable area				119.0000	5183640	0.2857	0.9233	
Amelia Earhart Park	North	11900 NW 42nd Ave		530.2244742	23096578.1	0.2857	4.1137	Identified by City Parks Dept for Reuse
Amelia Earhart Park - previous				200	8712000	0.107142857	0.5819	
Amelia Earhart - Calculated using irrigable area				200	8712000	0.2857	1.5517	
Haulover Golf Course and Park Irrigation	North	10800 Collins Ave	Sunny Isles Be.	174.5746	7604469.576	0.2857	1.3544	Identified by City Parks Dept for Reuse.
Haulover Golf Course - previous							0.2700	Per CUP
Haulover Park - previous				85	3702600	0.142857143	0.3298	
Haulover Golf Course and Park Irrigation Update				25	1089000			Per Contacts, 177 Total acres. Water supplied by North Miami Beach.
Haulover Golf Course and Park - Calculated using irrigable area				97	4225320	0.2857	0.7526	Based on Irrigable area and area of golf course
Fairmount Turnbery Isle Resort & Club	North	19999 W Country Club Dr	Aventura	226.562	9869040.72	0.2857	1.7578	
Fairmount Turnbery Isle Resort & Club - previous							0.6200	Per CUP
Fairmount Turnbery Isle Resort & Club - Calculated using irrigable area				180	7840800	0.2857	1.3965	
Fairmount Turnbery Isle Resort & Club Update				295	12850200			City water and ponds supply irrigation; permitted by SFWMD.
Country Club of Miami	North	6801 NW 186th St	Miami	330.2986	14387807.02	0.2857	2.5626	Identified by City Parks Dept for Reuse; however, N17 was not considered before.
Country Club of Miami (Cost Greens Golf Club) Update				288	12545280	750,000 gpd		Surface water - lakes, canals. Permitted by SFWMD
Don Shula's Golf Club	North	7601 Miami Lakes Drive	Miami Lakes	188.6407	8217188.892	0.2857	1.4636	
Don Shula's Golf Club Update				150	6534000			Per Contact, 200 Total acres. Lake water; no drilled wells.
Crandon Park and Golf Course	Central	6700 Crandon Blvd	Key Biscayne	876.6435	38186590.86	0.2857	6.8014	
Crandon Park and Golf Course - previous				90	3920400	0.142857143	0.3491	
Crandon Park and Golf Course - Calculated using irrigable area				90	3920400	0.2857	0.6983	
Tree Island Park	Central	SW 24th St & SW 147th Ave	Miami	119.6788943	5213212.634	0.2857	0.9285	Per Contact, not yet built; conceptual planning stage.
Tropical Park	Central	7900 SW 40th St. (Bird Road)	Miami	283.2022241	12336288.88	0.2857	2.1972	No irrigation. Identified by City Parks Dept for Reuse
Tropical Park Update				7	304920			Per Contact, 275 Total acres. Football and soccer fields, and equestrian areas irrigated.
Trail Glades Range	Central	SW 8th St & 177th Ave		706.7797825	30787327.33	0.2857	5.4835	Identified by City Parks Dept for Reuse
Trail Glades Range Regional Park Update								1 Well; 0 acres irrigated
Kendall Indian Hammocks Park	Central	11395 SW 79 St.		128.0107067	5576146.384	0.2857	0.9932	
Kendall Indian Hammocks Park - previous								
Kendall Indian Hammocks Park Update								
Calusa Country Club	Central	9400 SW 130th Ave	Miami	184.3318	8029493.208	0.2857	1.4301	Course still closed
Calusa Country Club Updte							0.9200	Per CUP
Calusa Country Club - previous								

# Miami-Dade County

User Name	District	Address	City	Area of Parcel (acre)	Area of Parcel (ft <sup>2</sup> )	Application Rate (in/day)	Quantity of Reuse Water (MGD)	Comments
Miccosukee Golf & Country Club	Central	6401 Kendale Lakes Dr	Miami	225.7405	9833256.18	0.2857	1.7514	
Miccosukee Golf & Country Club Update								Contact reported lakes connected to canal system from which they receive water. SFWMD oversees canal water. Ponds are part of stormwater management system.
Killians Greens Golf Course	Central	9980 SW 104th St	Miami	135.3914	5897649.384	0.2857	1.0504	
Killians Greens Golf Course Update				50	2178000			115 Total acres. 5 Wells supply irrigation. Doing calibration report for SFWMD.
Biltmore Golf Course	Central	1210 Anastasia Ave	Coral Gables	132.9514	5791362.984	0.2857	1.0315	Has 3 65' deep wells in the Biscayne Aquifer to supply irrigation for the golf course. Said demand is about 2 in/wk but depends on weather.
Biltmore Golf Course - previous							0.1300	per CUP
Granada Golf Course	Central	2001 Granada Blvd	Coral Gables	71.4060	3110445.36	0.2857	0.5540	
Granada Golf Course - previous							0.0600	May be from CUP but survey says 20.4 mgd (??)
Miami Springs Golf & Country Club	Central	650 Curtiss Parkway	Miami Shores	187.2863	8158191.228	0.2857	1.4531	
Miami Springs Golf & Country Club Update							0.3000	Per CUP
Miami Springs Golf & Country Club - previous							1.9543	
Tamiami Park	Central	11201 SW 24th St.	Miami	251.8900789	10972331.84	0.2857	0.3540	
Tamiami Park - previous				73	3179880	0.178571429		Per Contacts, 241.86 Total Acres; ballfields irrigated. 2 Wells provide irrigation water. Most use manual quick coupler irrigation system; new ballfields on separate well.
Tamiami Park Update				24				
Tamiami Park - Calculated using irrigable area				73	3179880	0.2857	0.5664	
Doral Golf Course	Central/North	4400 NW 87th Ave	Miami	702.0937	30583201.57	0.2857	5.4472	
Doral Golf Course - previous							0.9400	Per CUP
Doral Golf Course - Calculated using irrigable area				500	21780000	0.2857	3.8792	
Costa Greens Golf Club	Central	100 Costa del Sol Blvd	Miami	77.5900	3379820.4	0.2857	0.6020	
Riviera Country Club	Central	11565 Blue Road	Coral Gables	62.7164	2731926.384	0.2857	0.4866	OK, based on area
Riviera Country Club Update								
International Links Miami Melreese Golf Course	Central	1802 NW 37th Ave	Miami	128.2680	5587354.08	0.2857	0.9952	ok based on area
International Links Miami Melreese Golf Course - previous							0.1700	Per CUP
International Links Miami Melreese Golf Course - Update				100.0000	4356000			Per Contact, 135 total acres. Lakes and rainfall provide irrigation.
Chapman Field Park	Central	13601 Old Cutler Rd.	Miami	576.4018838	25108066.06	0.2857	4.4720	Not considered previously: Biscayne Bay Contact reported of 561 total acres. Share well with USDA which is about 15 ft. from property line. Saltwater intrusion of concern.
Chapman Field Park Update				15	653400			
West Kendall District Park	Central	SW 120 St. and SW 167th Ave.	Miami	155.7567269	6784763.024	0.2857	1.2084	
West Kendall District Park Update								Per Contact, not yet built. At end of runway so needs FAA approval; about 6 yrs away from development. No irrigation.
Homestead Air Reserve Park	South	SW 268th & SW 122nd Ave		216.4978328	9430645.595	0.2857	1.6797	Identified by City Parks Dept for Reuse.
Homestead Air Reserve Park - previous				100	4356000	0.107142857	0.2910	Based on 0.75 in/wk application rate
Homestead Air Reserve Park Update				0	0			Per Contact, just beginning to plan and design facilities.
Homestead Air Reserve Park - Calculated using irrigable area				100	4356000	0.2857	0.7758	
Palmetto Golf Course	Central	9300 SW 152nd St	Miami	116.8288	5089062.528	0.2857	0.9064	Identified by City Parks Dept for Reuse. OK based on area
Palmetto Golf Course				120.0000	5227200	0-250,000 mgd		Canal (C-28?) run through golf course. Groundwater level ponds supply irrigation.
Palmetto Golf Course - previous							0.3100	Per CUP. OK based on area
Briar Bay Golf Course	Central			33.32316648	1451557.132	0.2857	0.2585	
Briar Bay Golf Course - previous								
Miami Metrozoo	Central			290	12632400	0.2857	2.2500	OK, area is same as based on irrigable area
Miami Metrozoo - previous							1.3000	Based on 1.25 in/wk application rate
Goulds Park	Central			30.56983422	1331621.978	0.2857	0.2372	OK based on irrigable area
Castellow Hammock Preserve	South	22301 SW 162nd Ave.	Miami	60.46551017	2633877.623	0.2857	0.4691	
Castellow Hammock Preserve - previous							0.0800	Based on application rate of 1.25 in/wk
Castellow Hammock Preserve - Calculated based on irrigable area				16	696960	0.2857	0.1241	
Castellow Hammock Preserve Update				0	0	0	-	120 Total acres per Contacts. 1 Well
Three Lakes Park	Central	SW 134th Ave & SW 136th St		15.65316778	681851.9884	0.2857	0.1214	1 Well irrigates 5 acres. Identified by City Parks Dept for Reuse

## SUMMARY OF SURVEY RESPONDENTS

Name Of Facility	Total Acres	Irrigated Acres	Water Usage (gpm)	Type Water Supply	No. of Wells	Ponds as Possible Storage for Irrigation Water	Pond - SW Mgmt System	Additional Information
<b>Public Parks:</b>								
Castellow Hammock Park	120	0	Very Low	GW	1			
Chapman Field Park	561	15	(1)	GW	1	N	N	Share well with USDA; near Biscayne Bay; saltwater intrusion concern
East Greynolds Park	75	0	(1)					No potable water this section of park; using portolets for several years. MDPR working on proposal to connect to city water from Biscayne Blvd.
Fruit & Spice Park	35	15	(1)	GW	6			Plus irrigate 2 greenhouses and a nursery. Could be more wells (agricultural property)
Greynolds Park	249	43	(1)	GW	4			Golf 9 holes has irrigation, 3 wells golf course, "The Hill" has irrigation 1 well
Homestead Air Reserve Park	212.73	0	(2)			N	N	
Ives Estates Park	92.5	5	(1)	GW	1	Maybe	Y	Per Randy Koper, MDPR is planning to use city water. Former landfill site.
Kendall Indian Hammocks Park	116	1	(1)	?				3 Ballfields irrigated.
Lakes By The Bay Park	92.65	0	(2)					3 Baseball and soccer fields planned. Per Paul Carey, MDPR, fields will probably be irrigated with pump and wells.

(1) Information not available; private groundwater well not metered.

(2) Not yet built.

(3) Private facility.

GW Groundwater

## SUMMARY OF SURVEY RESPONDENTS

Name Of Facility	Total Acres	Irrigated Acres	Water Usage (gpm)	Type Water Supply	No. of Wells	Ponds as Possible Storage for Irrigation Water	Pond - SW Mgmt System	Additional Information
Snapper Creek Trail	556	0	(1)					Randy Koper doesn't think park is irrigated.
Tamiami Park	241.86	24	(1)	GW	2			MD County Fair leases about 87 acres of which parking is irrigated
Three Lakes Park	15	9	(1)	GW	1	N		Phase I - 3 Soccer fields irrigated
Trail Glades Range Regional Park	675	0	(1)	GW	1			Less than 1/5 of park developed as it is in Everglades natural area (wetlands).
Tree Island Park	70	0	(2)					
Tropical Park	275	7	(1)	GW	3			Football and soccer fields (5 acres) and equestrian area (2 acres) irrigated.
West Kendall District Park	164	0	(2)					Randy Koper, MDPR, West Kendall being farmed via 2 permits; use wells to irrigate crops. No city water lines extended there. Paul Carey, MDPR, said plans in progress for fields which will probably be irrigated with pumps and wells.

(1) Information not available; private groundwater well not metered.

(2) Not yet built.

(3) Private facility.

GW Groundwater

## SUMMARY OF SURVEY RESPONDENTS

Name Of Facility	Total Acres	Irrigated Acres	Water Usage (gpm)	Type Water Supply	No. of Wells	Ponds as Possible Storage for Irrigation Water	Pond - SW Mgmt System	Additional Information
<b>Golf Courses:</b>								
California Club Golf Course <sup>(3)</sup>	70	68	450 mg/mo	Lake		N		SFWMD Surface water permit
Calusa Country Club (Closed)								
The Country Club of Miami (Costa Greens Golf Club)	288	288	750,000 gpd	Lakes, Canals		Y	Y	SFWMD Surface water permit
Don Shula's Golf Club <sup>(3)</sup>	200	150	<sup>(1)</sup>	Lake			Y	No drilled wells
Doral Golf Resort <sup>(3)</sup>	650	500	800 gpm		0	N	N	SFWMD Surface water permit
Fairmont Turnberry Isle Resort & Club <sup>(3)</sup>	<300	295	<sup>(1)</sup>	City Water & Ponds			Y	
International Links Miami Melreese Golf Course <sup>(3)</sup>	135	100	<sup>(1)</sup>	Lakes & Rainwater	0			
Haulover Golf Course and Marina	177	30	<sup>(1)</sup>	N Miami Beach		N	N	
Killian Greens Golf Club <sup>(3)</sup>	115	50		GW	5			Doing calibration report for SFWMD.
Miami Shores Country Club	110	80	400,000 gpd	GW	2	N	Y	
Miccosukee Golf and Country Club			100 mgd	Lakes			Y	SFWMD Surface water permit
Palmetto Golf Course	120	120	0-250,000 gpd	GW	3			
Riviera Country Club								

<sup>(1)</sup> Information not available; private groundwater well not metered.

<sup>(2)</sup> Not yet built.

<sup>(3)</sup> Private facility.

GW Groundwater

## **SURVEY RESPONSES**

**Miami-Dade County Parks and Recreation Department**

## Update to the 1992 MD-WASD Reuse Feasibility Study

Name & Location: Castellow Hammock Preserve  
22301 SW 162 Ave.  
Miami, FL

Person Contacted: Pete Dinger, Natural Areas Management  
[Note: Roger Hammer, Park Mgr. - 305-242-7688]

Phone Number: 305-257-0933

e-mail: ding@miamidade.gov

Owner: Private ☐ Public ☒

Area: 120 Total Acres 0 Acres under Irrigation

Water Usage (GPM): Very low water use; have to open faucets for water to run to correct the chlorine level

Type of Irrigation Water Supply: Well (Garden Hose)

If Groundwater:

Number of Wells: 1 Well

Are there any existing ponds that could be used to store irrigation water?:

Are ponds part of the stormwater management system:

Additional Information/Problems:

Potable (restrooms included)

Non-potable (testing water without chlorinization)

## **Update to the 1992 MD-WASD Reuse Feasibility Study**

Name & Location: Chapman Field Park  
13601 Old Cutler Rd.  
Miami, FL

Person Contacted: Steve Grant

Phone Number: 305-665-3837

Owner: Private Public

Area: 561 Total Acres 15 Acres under Irrigation

Water Usage (GPM): Don't know

Type of Irrigation Water Supply: Well (new pump). Share well with USDA; well is located on USDA property, about 15 feet off MDC park site.

If Groundwater:

Are there any existing ponds that could be used to store irrigation water?:

Park is near an inlet to Biscayne Bay. Saltwater intrusion a concern. USDA is uphill from Chapman Field Park.

Are ponds part of the stormwater management system?:

Additional Information/Problems:

3 Ballfields, canoe & kayak launching area



## MD-WASD 1992 Reuse Feasibility Study Update

Name & Location: East Greynolds Park  
16700 Biscayne Blvd.  
Miami FL

Person Contacted: Jorge Aleman

Phone Number: (305) 945-3425

e-mail: jaleman@miamidade.gov

Owner: Private

Public

Area: 75 Total Acres of which 8.25 are maintained 0 Acres under Irrigation

Water Usage (GPM): ? [Jorge will try to obtain info]

Type of Irrigation Water Supply: No irrigation

If Groundwater:

Number of Wells:

Are there any existing ponds that could be used to store irrigation water?

Are ponds part of the stormwater management system?

Additional Information/Problems:

Water to other section of Park comes off Biscayne Blvd., Restrooms at East Greynolds closed several years ago due to concern about drainfield problems; have been using portable toilets since that time. Knows MDPR working on proposal to connect to city water from Biscayne Blvd.

## MD-WASD 1992 Reuse Feasibility Study Update

Name & Location: Fruit & Spice Park  
24801 S.W. 187th Avenue  
Homestead, Florida 33031

Person Contacted: Chris Rollins, Park Manager  
Linda, Marie (assistants)

Phone Number: 305-247-5727

e-mail: fsp@miamidade.gov

Owner: Private

Public

Area: 35 Total Acres      15 Acres under Irrigation, plus a nursery and  
2 greenhouses

Water Usage (GPM): Unsure. Irrigate during dry season, irrigate 2 or 3 days/week for 45 minutes to 1 hr/day.

Type of Irrigation Water Supply: Groundwater

If Groundwater:

Number of Wells: 6 of which he is aware. This is former agricultural area

Are there any existing ponds that could be used to store irrigation water?

No. However, they are getting ready to put out to bid construction of an approximate 2 acre lake at groundwater level to incorporate a waterfall.

Are ponds part of the stormwater management system? No; ornamental purposes only.

Additional Information/Problems:

*"The Fruit & Spice Park is the only tropical botanical garden of its kind in the United States. The unique 35-acre public facility is owned and operated by the Miami-Dade County Park and Recreation Department. Located in South Florida. The Park's tropical climate can be found nowhere else in the continental U.S. and hosts over 500 varieties of fruits, vegetables, spices, herbs, and nuts, and other commercially important plant specimens from around the world. The Park showcases 125 varieties of mango, 75 varieties of bananas, 70 bamboo varieties, and numerous other exotic edibles. Visitors are invited to munch at our tasting counter inside our Park Store." Source: <http://www.fruitandspicepark.org/index.php>*

## MD-WASD 1992 Reuse Feasibility Study Update

Name & Location: Greynolds Park  
17530 West Dixie Highway, North  
Miami Beach FL 33160

Person Contacted: Need to contact - Region #3 Tim Byrnes  
Diane Smith, MDPR Constr. & Maint. Division, Irrigation Supervisor  
(305-596-4460); rds@miamidade.gov

Phone Number: (305) 945-3425

e-mail: —

Owner: Private Public

Area: 249 Total Acres Est. 43 Acres under Irrigation

Water Usage (GPM):

Type of Irrigation Water Supply: Groundwater

If Groundwater:

Number of Wells: 4

Are there any existing ponds that could be used to store irrigation water?

Are ponds part of the stormwater management system?

Additional Information/Problems: Golf 9 holes has irrigation, 3 wells golf course, the Hill has irrigation 1 well

## Update to the 1992 MD-WASD Reuse Feasibility Study

Name & Location: Haulover Golf Course and Marina  
10800 Collins Avenue  
Miami Beach, FL

Person Contacted: Andrew Clarke                      Tim Byrnes, Region 3 Manager,  
MDC Parks and Recreation Dept.

Paul Carey, MDPR Planning, (305) 755-7915

Phone Number: (305) 947-3525                      (305) 365-3016

e-mail:                      andrewccclarke@miamidade.gov                      byrnes@ miamidade.gov

Owner:                      Private                      Public

Area:                      75 Total Acres                      30 Acres under Irrigation (9-hole golf executive  
course)

Water Usage (GPM):

Type of Irrigation Water Supply:                      North Miami Beach

If Groundwater:                      NA

Number of Wells:

Is golf course within a high chloride area:

Grass or vegetation behavior with high chloride:

Are there any existing ponds that could be used to store irrigation water? No;  
surrounded by ocean both sides. On the east side of the Intracoastal  
Waterway, Golden Beach to the north.

Are ponds part of the stormwater management system?:  
No ponds or lakes; only when it rains.

Additional Information/Problems:

## MD-WASD 1992 Reuse Feasibility Study Update

Name & Location: Homestead Air Reserve Park  
SW 268th St. and SW 122nd Ave.  
Homestead, FL 33032

Person Contacted: Enrique Sanchez  
Alex Cann/Carolyn Watson/Penny (305) 233-3150,  
cann@miamidade.gov  
Paul Carey, MDPH Planning

Phone Number: (305) 258-4092

e-mail: es93@miamidade.gov

Owner: Private

Public

Area: 212.73 Total Acres 0 Acres under Irrigation

Water Usage (GPM):

Type of Irrigation Water Supply:

If Groundwater:

Number of Wells:

Are there any existing ponds that could be used to store irrigation water?:

Are ponds part of the stormwater management system?:

Additional Information/Problems:

Just beginning planning and design of facilities. Just started using irrigation for the Rib Festival, special event last fall.

"Homestead Air Reserve Park was originally part of the Air Force Base. This park planned to have several roller hockey rinks and an aggressive skating area. Homestead Skate Park development is currently unfunded and seems to be several years away." - [http://www.co.miamidade.fl.us/parks/skate\\_park.asp#West%20Kendall%20Dist.%20Skate%20Park](http://www.co.miamidade.fl.us/parks/skate_park.asp#West%20Kendall%20Dist.%20Skate%20Park)

## Update to the 1992 MD-WASD Reuse Feasibility Study

Name & Location: Ives Estates Park  
1475 NE 205 Terrace  
Miami, FL

Person Contacted: Tim Byrnes, Region 3 Manager, MDC Parks and Recreation Dept.  
(305) 365-3016

Phone Number: (305) 652-7260

e-mail: byrnes@miami-dade.gov

Owner: Private ☒ Public

Area: 92.5 Total Acres 5 Acres under Irrigation

Water Usage (GPM):

Type of Irrigation Water Supply: Groundwater

If Groundwater:

Number of Wells: 1

Are there any existing ponds that could be used to store irrigation water?: Possibly

Are ponds part of the stormwater management system?: Yes

Additional Information/Problems:

Tennis, Golf, after school programs. Per Randy Koper, MDPR, Ivest E.P. could use well water, but MDPR is planning to use city water.

" Ives Estate Park is a new park that was formerly a landfill. It is adjacent to Interstate 95 and the County Line. This park is planned to have several roller hockey rinks and an aggressive skate scene. This park is currently unfunded and will be developed sometime during 2005." - [http://www.co.miami-dade.fl.us/parks/skate\\_park.asp#West%20Kendall%20Dist.%20Skate%20Park](http://www.co.miami-dade.fl.us/parks/skate_park.asp#West%20Kendall%20Dist.%20Skate%20Park)

## Update to the 1992 MD-WASD Reuse Feasibility Study

Name & Location: Kendall Indian Hammocks Park  
11395 SW 79 St.  
Miami, FL

Persons Contacted: Ricky  
Brey Aubreu, Park Manager  
Fernando Marquez 305-755-7847 MAR01@miamidade.gov  
Diane Smith, MDPR Constr. & Maint. Division, Irrigation Supervisor  
(305-596-4460); rds@miamidade.gov

Phone Number: 305-596-9324

Owner: Private ☐ Public ☒

Area: 116 Total Acres 1 Acre under Irrigation (3 ballfields)

Water Usage (GPM):

Type of Irrigation Water Supply: ?

If Groundwater:

Number of Wells:

Are there any existing ponds that could be used to store irrigation water?:

Are ponds part of the stormwater management system?:

Additional Information/Problems:

Baseball fields, picnic area, playground, 18-hole disc golf course

"Kendall Indian Hammocks Park has a new 18-hole disc golf course, laid out on the eastern end of the park. Players use a competitive frisbee or disk, which can soar up to 400 feet with each toss. They aim for the "hole," low posts supporting a three-foot chain basket. As with regular golf, there are varying yardages from each tee, and the object is to have your disc land in the basket. The only equipment you'll need is a regular or competition frisbee, and a pencil to record your score.

"Disc golf is easy and fun. Kendall Indian Hammocks, with its wealth of shady trees and stretches of open meadow, is ideal for this entertaining new sport. There are only four disc golf courses in all of South Florida, and Kendall Indian Hammocks has the only complete 18-hole facility in Miami-Dade County." - <http://www.miamidade.gov/parks/sports/disc.asp>

"2 full 18-hole courses line this pleasant park..." - [http://www.discgolf.com/component/option,com\\_mtree/task,viewlink/link\\_id,1117/Itemid,101/](http://www.discgolf.com/component/option,com_mtree/task,viewlink/link_id,1117/Itemid,101/)

## Update to the 1992 MD-WASD Reuse Feasibility Study

Name & Location: Lakes by the Bay Park (not yet built)

Person Contacted: Paul Carey, MDPR Planning

Phone Number: (305) 755-7915

Owner: Private

Public

Either Miami-Dade County or  
City of Cutler

Area: 92.65 Total Acres \_\_\_\_\_ Acres under Irrigation

Water Usage (GPM):

Type of Irrigation Water Supply: None at this time

If Groundwater:

Number of Wells:

Are there any existing ponds that could be used to store irrigation water?:

Are ponds part of the stormwater management system?:

Additional Information/Problems:

Plans include 3 baseball and soccer fields. Irrigation will probably occur by pump and well.



## Update to the 1992 MD-WASD Reuse Feasibility Study

Name & Location: Snapper Creek Trail  
SW 112th St. and Old Cutler  
Miami, FL

Person Contacted: Randy Koper, MDPR  
George Parrado, Region 4 Manager (305) 223-7070,  
georgep@miamidade.gov  
Howard Gregg, Asst. Dir. Plan & Dev (305) 755-7877

Phone Number: (305) 755-7860

Owner: Private ☐ Public ☒

Area: 556 Total Acres 0 Acres under Irrigation  
Randy doesn't think park is irrigated

Water Usage (GPM):

Type of Irrigation Water Supply:

If Groundwater:

Number of Wells:

Are there any existing ponds that could be used to store irrigation water?:

Are ponds part of the stormwater management system?:

Additional Information/Problems:

## MD-WASD Reuse Feasibility Study

Name & Location: Tamiami Park  
11201 SW 24 St.  
Miami, FL

Person Contacted: Joseph Greene, Park Manager  
Mr. Luna, Maintenance - 305-222-2101  
Eddie Martinez - 786-315-5293  
Pabla Williams (in Caroline Gibson, Region 2 Manager's office) -  
305-654-1169

Phone Number: 786-315-5295

e-mail: greenej@miamidade.gov

Owner: Private ☐ Public ☒

Area: 241.86 Total Acres 24 Acres under Irrigation  
▪ 4 Little League ballfields on separate well  
▪ 8 Older regulation ballfields have manual quick coupler system

Water Usage (GPM): Unsure

Type of Irrigation Water Supply: Wells

If Groundwater:

Number of Wells: 2 Wells

Are there any existing ponds that could be used to store irrigation water?:

Are ponds part of the stormwater management system?:

Additional Information/Problems:

Tennis Courts, Baseball, Basketball, Football, Soccer fields

New ballfield irrigation system has been dysfunctional since 1st day, inadequate heads. Trying to get upgrade and better irrigation system in place.

MD County Fair leases about 87 acres of which parking area is irrigated

## MD-WASD 1992 Reuse Feasibility Study Update

Name & Location: Three Lakes Park  
13375 SW 136th St.  
Miami FL

Person Contacted: Brey Abreu; Ricky Jackson, (305) 596-9325  
Diane Smith, MDPR Constr. & Maint., Irrigation Supervisor  
(305) 596-4460; rds@miamidade.gov  
Paul Carey, MDPR Planning, (305) 755-7915

Owner: Private ☐ Public ☒

Area: 15 Total Acres 9 Acres under Irrigation (Phase 1 - 3 ballfields)

Water Usage (GPM):

Type of Irrigation Water Supply:

If Groundwater:

Number of Wells: 1

Are there any existing ponds that could be used to store irrigation water: No

Are ponds part of the stormwater management system:

Additional Information/Problems:

Soccer field

## MD-WASD 1992 Reuse Feasibility Study Update

Name & Location: Trail Glades Range Regional Park (Region 3)  
17601 SW 8th ST.  
Miami FL

Person Contacted: Horatio Quinterro (305) 226-1823 deferred to Region 3 office  
Tim Byrnes and Donald Lutton (305) 365-3016  
Diane Smith, MDPR Constr. & Maint., Irrigation Supervisor  
(305) 596-4460; rds@miamidade.gov  
Paul Carey, MDPR Planning, (305) 755-7915

e-mail: byrnes@miamidade.gov  
lutton@miamidade.gov

Owner: Private

Public

Area: 675 Total Acres 0 Acres under Irrigation

Water Usage (GPM):

Type of Irrigation Water Supply: n/a

If Groundwater:

Number of Wells: 1

Are there any existing ponds that could be used to store irrigation water?

Are ponds part of the stormwater management system?

Additional Information/Problems:

Per Paul Carey, MDPR Planning, less than 1/5 of park developed as it in Everglades natural area (wetlands).

" The Trail Glades Gun Range offers a 7-yard to 100-yard pistol range, a 25 to 100-yard rifle range, five skeet fields, six trap fields, a 69 position pistol/rifle range and a 12 station sporting clays course." -

<http://www.miamidade.gov/filmiami/gallery/TrailGGR8403FE.asp>

## Update to the 1992 MD-WASD Reuse Feasibility Study

Name & Location: Tree Island Park (Not yet built)  
SW 24th St. and SW 147th Ave.  
District 11  
City of Miami, FL

Person Contacted: Renae Nottage, MDPR, Region 1 Manager  
Diane Smith, MDPR Constr. & Maint., Irrigation Supervisor  
(305) 596-4460; rds@miamidade.gov

Phone Number: (305) 820-8555

Owner: Private ☐ Public ☒

Area: 70 Total Acres 0 Acres under Irrigation

Water Usage (GPM):

Type of Irrigation Water Supply:

If Groundwater:

Number of Wells:

Are there any existing ponds that could be used to store irrigation water?:

Are ponds part of the stormwater management system?:

Additional Information/Problems:

Per Renae Nottage, MDPR, a community meeting was held for public input in development of master plan. About 6 years away from reality.

## Update to the 1992 MD-WASD Reuse Feasibility Study

Name & Location: Tropical Park  
7900 SW 40th St. (Bird Road)  
Miami, FL

Persons Contacted: Tom Morgan 305-223-8710  
Randy Koper 305-755-7812  
Fernando Marquez 305-755-7847 MAR01@miamidade.gov  
Li Gurau 305-755-7834 gurau@miamidade.gov

Phone Number: 305-223-8710

Owner: Private ☐ Public ☒

Area: 275 Total Acres 7 Acres under Irrigation  
(3 acres of football field, 2 acres soccer fields, 2 acres equestrian area)

Water Usage (GPM):

Type of Irrigation Water Supply: Wells???

If Groundwater:

Number of Wells:

Are there any existing ponds that could be used to store irrigation water?:

Are ponds part of the stormwater management system?:

Additional Information/Problems:

Tennis courts, playground, horseback riding, canoeing, baseball fields, basketball courts, swimming, fishing, soccer fields

" The Skate Park at Tropical Park is the next planned skate park. Located at 7900 SW 40<sup>th</sup> Street (Bird Road). Tropical Park Skate Park will have a roller hockey rink and an aggressive skating facility. " - [http://www.co.miamidade.fl.us/parks/skate\\_park.asp#Tropical%20Skate%20Park](http://www.co.miamidade.fl.us/parks/skate_park.asp#Tropical%20Skate%20Park)

## Update to the 1992 MD-WASD Reuse Feasibility Study

Name & Location: West Kendall District Park (Not yet built)  
SW 120 St. and SW 167 Ave.  
District 11  
City of Miami, FL

Person Contacted: Renae Nottage, MDPR, Region 1 Manager  
Diane Smith, MDPR Constr. & Maint., Irrigation Supervisor  
(305) 596-4460; rds@miamidade.gov  
Paul Carey, MDPR, Planning, (305) 755-7915

Phone Number: (305) 820-8555

Owner: Private ☐ Public ☒

Area: 164 Total Acres 0 Acres under Irrigation

Water Usage (GPM):

Type of Irrigation Water Supply:

If Groundwater:

Number of Wells:

Are there any existing ponds that could be used to store irrigation water?:

Are ponds part of the stormwater management system?:

Additional Information/Problems:

Per Randy Koper, MDPR, West Kendall being farmed via 2 permits; use wells to irrigate crops. No city water lines extended there.

Per Paul Carey, MDPR, Planning, Plans include digging a lake onsite within next 5 years. Want to construct ball fields, bicycle and motocross trails, picnic area by the lake, pool or aquatic area, large community center, tennis and basketball courts. Will probably have pump(s) and well(s) for irrigation.

Per Renae Nottage, MDPR, the property is at the end of the Tamiami Airport runway, so needs FAA approval. No community meetings have occurred yet; no master plan developed. About 6 years away from reality.

## **SURVEY RESPONSES**

### **Golf Courses in Miami-Dade County**



## Update to the 1992 MD-WASD Reuse Feasibility Study

Name & Location: California Club Golf Course  
9375 SW 134thSt.  
Miami, FL

Person Contacted: Rick Williams

Phone Number: (305) 651-3590

e-mail:

Owner: ☒ Private ☐ Public

Area: 70 -Total Acres 68 - Acres under Irrigation

Water Usage (GPM): 450 mg/mo

Type of Irrigation Water Supply: Lake/Surface Water permitted by SFWMD

If Groundwater: NA

Number of Wells:

Is golf course within a high chloride area:

Grass or vegetation behavior with high chloride:

Are there any existing ponds that could be used to store irrigation water?

Are ponds part of the stormwater management system?:  
No; very small.

Additional Information/Problems:

## Update to the 1992 MD-WASD Reuse Feasibility Study

Name & Location: Calusa Country Club (still closed)

Person Contacted: Recording

Phone Number: (305) 386-5533

e-mail:

Owner: ☒ Private ☐ Public

Area: \_\_\_\_\_ Total Acres \_\_\_\_\_ Acres under Irrigation

Water Usage (GPM):

Type of Irrigation Water Supply:

If Groundwater:

Number of Wells:

Is golf course within a high chloride area:

Grass or vegetation behavior with high chloride:

Are there any existing ponds that could be used to store irrigation water?

Are ponds part of the stormwater management system?:

Additional Information/Problems:

## Update to the 1992 MD-WASD Reuse Feasibility Study

Name & Location: Country Club of Miami (Costa Greens Golf Club)  
6801 NW 186th St.  
Miami, FL 33015

Person Contacted: Robert Montecito, Head Superintendent

Phone Number: (305) 829-4700

e-mail:

Owner: Private ☐ Public ☒

Area: 288 -Total Acres 288 - Acres under Irrigation (2 courses)

Water Usage (GPM): 750,000 gpd

Type of Irrigation Water Supply: Lake/Canals controlled by SFWMD

If Groundwater: NA

Number of Wells:

Is golf course within a high chloride area:

Grass or vegetation behavior with high chloride:

Are there any existing ponds that could be used to store irrigation water? Yes

Are ponds part of the stormwater management system?: Yes

Additional Information/Problems:

## Update to the 1992 MD-WASD Reuse Feasibility Study

Name & Location: Don Shula's Golf Club  
7601 Miami Lakes Dr.  
Miami Lakes, FL 33014

Person Contacted: Tim Sticco, Superintendent

Phone Number: (800) 247-4852, x 331

e-mail:

Owner: ☒ Private ☐ Public

Area: 200 Total Acres 150 Acres under Irrigation

Water Usage (GPM): "No idea."

Type of Irrigation Water Supply: Lake water (no drilled wells)

If Groundwater:

Number of Wells:

Is golf course within a high chloride area:

Grass or vegetation behavior with high chloride :

Are there any existing ponds that could be used to store irrigation water:

Are ponds part of the stormwater management system: Yes

Type of Grass:

Additional Information/Problems:

## MD-WASD Reuse Feasibility Study

Name & Location: Doral Golf Resort  
4400 NW 87th Ave.  
Miami, FL 33178

Person Contacted: Eric Von Hofen

Phone Number: (305) 592-2000

e-mail: ericvonhofen@marriott.com

Owner: ☒ Private ☐ Public

Area: 650 Total Acres 500 Acres under Irrigation

Water Usage (GPM): 800

Type of Irrigation Water Supply: Groundwater (South Florida Water Management District)

If Groundwater:

Number of Wells: none

Is golf course within a high chloride area: No

Grass or vegetation behavior with high chloride : None

Are there any existing ponds that could be used to store irrigation water: No

Are ponds part of the stormwater management system: No.

Type of Grass: Bermuda grass

Additional Information/Problems:

## MD-WASD Reuse Feasibility Study

Name & Location: Fairmont Turnberry Isle Resort & Club  
19999 W. Country Club Dr.  
Aventura, FL 33180

Person Contacted: Tom Card, Director of Golf (Naggi, Admin Asst)  
David Bailey, Golf Superintendent (no longer w/club)  
Dave Park, Dir. Of Engineering, Bldg. Maintenance

Phone Number: (305) 932-6200 / (305) 933-6916

e-mail:

Owner: ☒ Private ☐ Public

Area: <300 Total Acres 295 Acres under Irrigation

Water Usage (GPM):

Type of Irrigation Water Supply: City water and ponds

If Groundwater:

Number of Wells:

Is golf course within a high chloride area:

Grass or vegetation behavior with high chloride :

Are there any existing ponds that could be used to store irrigation water:

Are ponds part of the stormwater management system: Yes

Type of Grass:

Additional Information/Problems:

## MD-WASD Reuse Feasibility Study

Name & Location: International Links Miami Melreese Golf Course  
1802 NW 37th Ave.  
Miami, FL 33125

Person Contacted: John Roland, Superintendent

Phone Number: (305) 633-8380

e-mail:

Owner: ☒ Private ☐ Public

Area: 135 Total Acres 100 Acres under Irrigation

Water Usage (GPM): "Don't know, not metered."

Type of Irrigation Water Supply: Lakes and rain water

If Groundwater:

Number of Wells: none

Is golf course within a high chloride area: No

Grass or vegetation behavior with high chloride : No

Are there any existing ponds that could be used to store irrigation water: Just existing

Are ponds part of the stormwater management system:

Type of Grass: Bermuda grass

Additional Information/Problems:

## Update to the 1992 MD-WASD Reuse Feasibility Study

Name & Location: Killian Greens Golf Club  
9980 SW 104th St.  
Miami, FL 33176-2847

Person Contacted: Mark Thomas, Owner / Russell Breiner, Pres.

Phone Number: (305) 271-0917/ (786) 367-2201

e-mail:

Owner: ☒ Private ☐ Public

Area: 115 -Total Acres 50 - Acres under Irrigation

Water Usage (GPM): Doing calibration report for SFWMD

Type of Irrigation Water Supply: Groundwater

If Groundwater:

Number of Wells: 5

Is golf course within a high chloride area:

Grass or vegetation behavior with high chloride:

Are there any existing ponds that could be used to store irrigation water? Yes

Are ponds part of the stormwater management system?: Yes

Additional Information/Problems:



## MD-WASD Reuse Feasibility Study

Name & Location: Miccosukee Golf and Country Club  
6401 Kendale Lakes Dr.  
Miami, FL 33178

Person Contacted: Bob Burns, Superintendent, Maintenance

Phone Number: (305) 382-3916

e-mail:

Owner: Private

Public

Area: 222 Total Acres      \_\_\_\_ Acres under Irrigation

Water Usage (GPM): 100 mgd annually

Type of Irrigation Water Supply: Lakes receive water from a canal system, stormwater and runoff. SFWMD oversees canal water.

If Groundwater:

Number of Wells: none

Is golf course within a high chloride area:

Grass or vegetation behavior with high chloride :

Are there any existing ponds that could be used to store irrigation water: No

Are ponds part of the stormwater management system: Yes

Type of Grass: Bermuda grass

Additional Information/Problems:

27 Hole golf course, tennis courts, swimming pool on grounds

## Update to the 1992 MD-WASD Reuse Feasibility Study

Name & Location: Palmetto Golf Course  
9300 SW 152nd St.  
Miami, FL 33157

Person Contacted: Marcus Prevate

Phone Number: (305) 238-2922

e-mail:

Owner: Private ☐ Public ☒

Area: 120 -Total Acres 120 - Acres under Irrigation

Water Usage (GPM): 0 - 250,000 gpd

Type of Irrigation Water Supply: Groundwater

If Groundwater:

Number of Wells: 3

Is golf course within a high chloride area:

Grass or vegetation behavior with high chloride:

Are there any existing ponds that could be used to store irrigation water? Yes

Are ponds part of the stormwater management system?:

Additional Information/Problems:

## Update to the 1992 MD-WASD Reuse Feasibility Study

Name & Location: Riviera Country Club  
1155 Blue Rd.  
Coral Gables, FL

Person Contacted: Brian Singleton, Golf Course Superintendent

Phone Number: (305) 666-7767

e-mail:

Owner: Private ☐ Public ☒

Area: 112.13 Total Acres \_\_\_\_ Acres under Irrigation

Water Usage (GPM):

Type of Irrigation Water Supply:

If Groundwater:

Number of Wells:

Is golf course within a high chloride area:

Grass or vegetation behavior with high chloride:

Are there any existing ponds that could be used to store irrigation water?

Are ponds part of the stormwater management system?:

Additional Information/Problems: