



AUSTIN AQUATIC MASTER PLAN SITE SUITABILITY RANKING PROCESS

JUNE 2017

Learn about the criteria for ranking existing and future parks and programs.

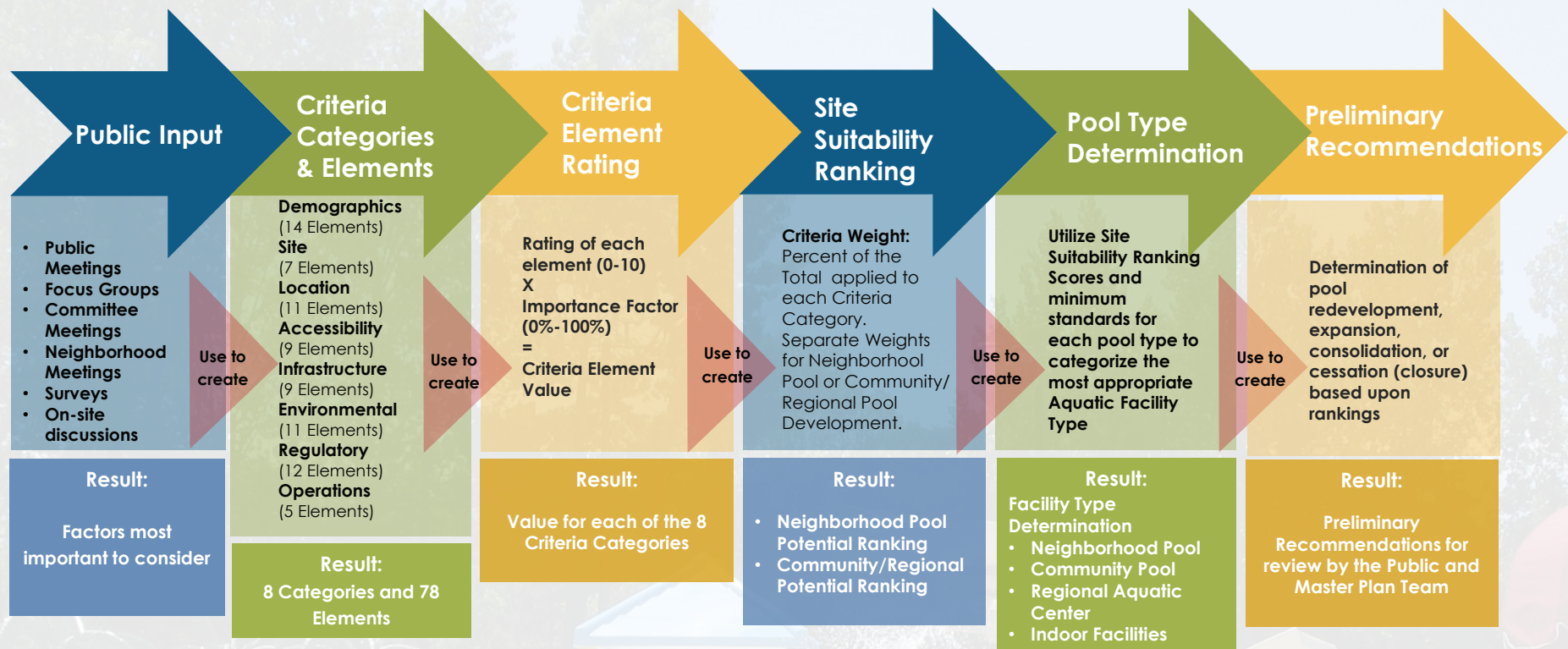
For more information:

Web Site: www.austintexas.gov/department/aquatic-assessment.

Email: swim512@austintexas.gov.



SITE SUITABILITY RANKING PROCESS FLOW CHART



CRITERIA CATEGORIES & ELEMENTS

- Demographics (14 Elements)**
- **20-Minute Walk**
 - Children
 - Seniors
 - Total Population
 - Median Household Income
 - Population Growth (5-year)
 - Social Needs and Conditions Index
 - **10-Minute Drive**
 - Children
 - Seniors
 - Total Population
 - Median Household Income
 - Population Growth (5-Year)
 - **Capacity** (based on surface area)
 - **Attendance** (5-Year Avg.)
 - **Attendance/Capacity Ratio**

- Site Conditions (7 Elements)**
- **Entrance/Drive**
 - **Parking Spaces** (Count)
 - **Site Area** (Acres)
 - **Grade Constraints**
 - **Health, Safety, Welfare Issues**
 - **Designated Historical Features** (Count)
 - **Historical Structure** (Pool House or Pool)

- Infrastructure (9 Elements)**
- **Electric Service Provider**
 - **Electric Service** (Phases)
 - **Water** (Dist. to 4" Line in ft.)
 - **Reclaimed Water** (Dist. in ft.)
 - **Wastewater** (Dist. to 8" Sewer Line in ft.)
 - **Pool Condition**
 - **Bathroom Condition**
 - **Storage Conditions**
 - **COATN Service Area** (Wi-Fi)

- Location (11 Elements)**
- **Heavily Trafficked Roadways** (Traffic Counts)
 - **Distance from Road**
 - **Railroads**
 - **Flight Zones** (Noise Level - Decibels)
 - **Competing Elements** (Count)
 - Other PARC Aquatic Facilities (20 Min. Walk)
 - Service Area Overlap (20 Min. Walk)
 - Private Aquatic Facilities (20 Min. Walk)
 - Programs By HOA/Private Orgs. (20 Min. Walk)
 - **Symbiotic Elements** (Count)
 - Schools/Daycare Providers (5 Minute Walk)
 - Recreation Centers (5 Minute Walk)
 - Other Park Amenities (5 Minute Walk)

- Accessibility (9 Elements)**
- **Adjacent Roadway Class**
 - **Transit Access**
 - **Pedestrian Connectivity**
 - Walkways/Trails
 - Crosswalks
 - Traffic Controls
 - Overall
 - **Bicycle Connectivity**
 - Lanes
 - Trails (Count)
 - Overall

- Environmental (11 Elements)**
- **Trees** (Number)
 - 2" to 19" in Diameter
 - 19" to 24" in Diameter
 - Over 24" in Diameter (Including Heritage)
 - **Grow Zones**
 - **Aquifer Recharge**
 - **Pollinator Habitat**
 - **Wetlands**
 - **Rock Outcrop**
 - **Springs**
 - **Environmental Sensitivity**
 - **Soil Suitability**

- Regulatory (12 Elements)**
- **Flood Zones**
 - 25-Year Floodplain
 - 100-Year Floodplain
 - 500-Year Floodplain
 - **Zoning Designation**
 - **Sub-Chapter E** (Distance from Road in ft.)
 - **Erosion Hazard Review Buffer**
 - **Resource Buffers**
 - **Watershed Regulation Areas**
 - **Water Quality Zones**
 - **Endangered Species**
 - **Bathhouse**
 - **Restrooms** (Distance from Pool in ft.)

- Operations (5 Elements)**
- **Maintenance Staff/Equipment**
 - **Ease of Access**
 - **Simplicity of Equipment**
 - **Equipment Condition/Replacement Cost**
 - **Lawn/Landscaped Area**
 - **Employee Safety Measures**

Site Suitability Ranking Summary

Aquatic Facility Site			Balcones	Bearholme	Big Stacy	Brentwood	Canyon Vista	Civilian	Colony Park ¹	Deep Eddy	Dick Nichols	Dillmar	Dottie Jordan	Dove Springs	Garrison	Gillis	Givens	Govalle	Kennemer	Little Stacy	Mabel Davis	Martin	Meitz	Montopoli	Murchison	Northwest	Parque Zaragoza	Patterson	Ramey	Reed	Rosewood	Shipe	Springwoods	Walnut Creek	West Austin	Westfield	
Criteria	Facility Potential	Weight																																			
Demographics	Neighborhood	20%	40	68	68	55	32	49	57	41	46	52	59	69	61	61	61	50	72	39	56	52	56	68	46	56	68	60	38	22	73	66	34	36	34	51	
	Community or Regional	20%	58	74	68	58	34	54	45	53	49	61	58	58	71	52	63	53	69	36	71	52	54	64	44	59	63	67	43	25	69	68	50	56	31	56	
Site Conditions	Neighborhood	20%	90	96	72	69	52	48	88	74	94	92	84	92	84	44	80	67	76	21	90	85	81	90	94	82	54	62	44	33	73	27	96	92	23	56	
	Community or Regional	20%	86	92	11	26	31	24	82	39	82	28	34	63	66	22	70	23	36	23	79	31	30	45	36	86	23	26	24	28	18	19	35	78	12	27	
Location	Neighborhood	15%	73	69	47	67	70	38	80	56	72	75	74	74	82	55	73	62	62	50	64	67	48	53	67	71	44	61	68	65	59	66	70	78	53	27	
	Community or Regional	15%	48	53	40	49	43	30	60	46	54	54	53	59	67	46	57	43	34	44	39	64	46	46	52	55	52	50	45	42	63	56	45	60	42	22	
Accessibility	Neighborhood	10%	47	47	42	56	58	61	45	70	66	35	31	38	42	37	45	50	40	28	48	51	54	53	58	28	46	58	54	33	62	45	22	28	48	68	
	Community or Regional	10%	45	44	41	56	56	59	44	69	65	35	28	37	42	36	44	50	39	27	45	51	51	53	55	27	46	58	53	30	62	44	22	28	45	68	
Infrastructure	Neighborhood	20%	53	100	56	48	37	43	25	55	61	65	58	62	62	32	49	40	56	44	48	60	52	51	56	47	38	55	48	45	54	36	69	60	66	78	
	Community or Regional	10%	58	100	61	57	49	55	40	66	60	67	66	72	72	46	60	61	57	50	57	69	64	57	61	54	44	65	57	58	64	48	67	58	65	73	
Environmental	Neighborhood	5%	78	91	83	91	81	98	81	77	78	85	80	91	91	78	93	79	93	76	90	89	85	88	72	97	89	84	91	75	77	87	76	94	90	72	
	Community or Regional	10%	77	79	55	88	82	97	77	78	79	83	66	92	88	63	92	73	92	59	89	86	83	88	71	97	88	82	88	42	72	67	77	94	90	70	
Regulatory	Neighborhood	5%	95	89	98	88	74	91	84	76	85	96	60	87	92	81	98	95	95	92	95	94	99	94	95	95	51	90	100	59	90	87	90	95	98	93	
	Community or Regional	12%	92	48	52	53	75	92	69	76	78	91	48	77	92	46	48	45	94	44	94	83	94	94	94	59	47	92	99	52	57	51	62	90	98	92	
Operations	Neighborhood	5%	52	79	41	58	36	41	N/A	23	62	50	48	54	35	30	26	51	60	50	26	30	56	26	66	26	62	66	62	66	30	56	60	35	70	78	
	Community or Regional	3%	29	42	24	32	19	24	N/A	14	35	29	27	31	20	16	14	29	34	29	14	16	32	14	37	14	35	37	35	37	16	32	34	20	39	44	
SITE SUITABILITY RATING SCORE	Neighborhood	100%	63	81	61	62	50	51	62	58	69	68	64	71	69	49	64	57	66	42	63	65	62	65	67	61	53	62	54	43	65	52	64	63	50	60	
	Community or Regional	100%	66	71	NA	51	NA	NA	59	58	65	56	NA	63	69	NA	61	46	NA	NA	67	57	56	60	55	63	NA	NA	NA	NA	NA	NA	49	65	NA	NA	
RANKING BY POOL CLASSIFICATION ²	Neighborhood		14	1	21	17	30	29	17	24	3	5	11	2	3	32	11	25	7	34	14	8	17	8	6	21	27	17	26	33	8	28	11	14	30	23	
	Community		4	1		17			11	12	5	14		7	2		9	19			3	13	14	10	16	7							18	5			
	Regional		4	1					9		5				2		8					3					7									5	

- Top Ranked Neighborhood Pool Sites
- Middle Ranked Neighborhood Pool Sites
- Lowest Ranked Neighborhood Pool Sites

- Score out of 100 - Range 42-81
- Score out of 100 - Range 46-71
- Ranking out of 34 sites
- Ranking out of 10 sites
- Ranking out of 9 sites

1. Much of the infrastructure has not yet been built for the planned Colony Park aquatic facility. Accordingly, some elements including the entire operations category were omitted from the analysis.
 2. Facilities which are of appropriate minimum site size and are not in the 25-year or 100-year flood plain. Ranked with 1 as the top or highest score. Community Pools must have a minimum size of 1.1 acres (2 acres minimum preferred) and Regional Pools must have minimum of 4.0 acres (5 acres minimum preferred).
 NA - Not applicable due to location in a 25 or 100 year flood plain or site size is less than 1 acre. Therefore, the pool cannot be expanded.

Score - A higher number = more suitable for renovation, redevelopment, or expansion.
Rank - Rank compared to the others, with 1 being the highest/best



SUITABILITY FOR IMPROVEMENT (AS A NEIGHBORHOOD POOL)

Legend

Suitability Rank

- High
- Medium
- Low
- Not Ranked
- 1 Dot = 100 People
- City of Austin Parks

Other Pools

- Association/District
- RV/Mobile Home
- Club
- University
- YMCA
- Other Private
- City Limits
- Planning Boundary

