

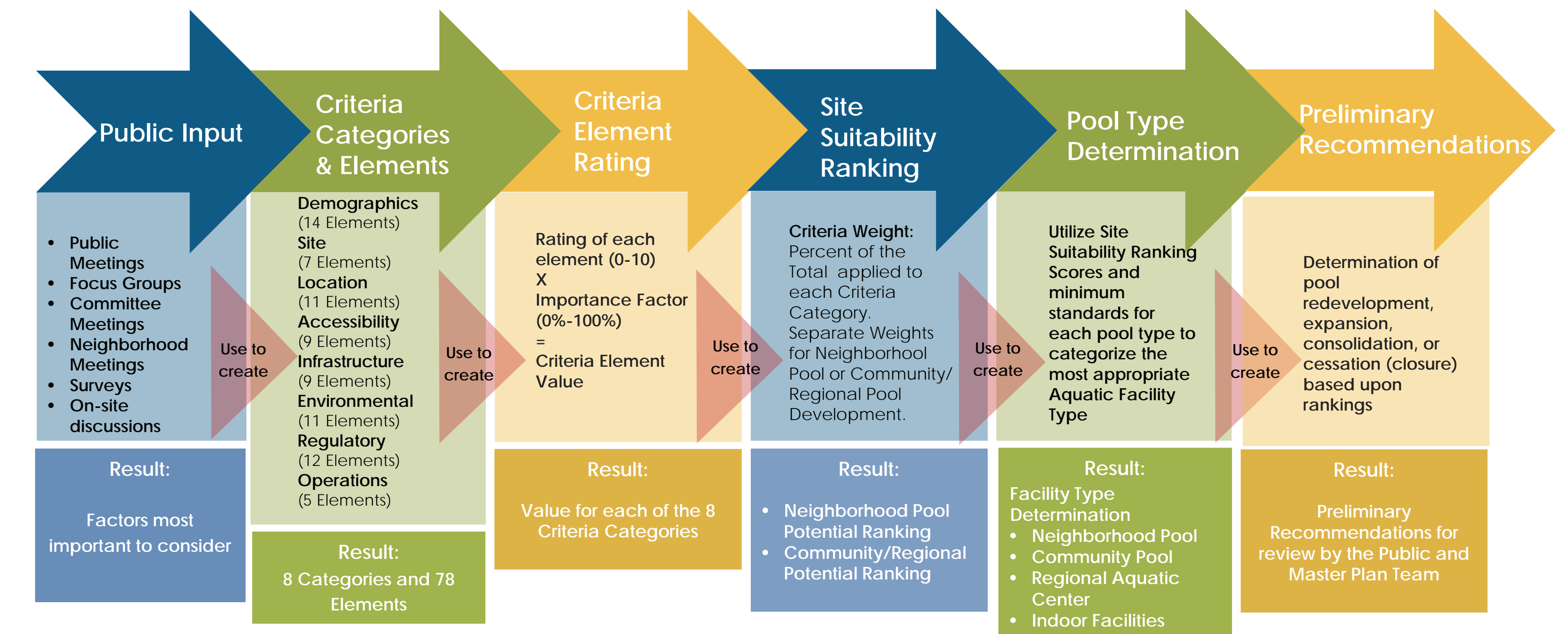


# SITE SUITABILITY RANKING PROCESS

## Process for Determining Site Suitability

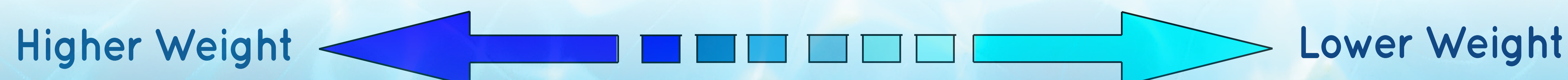
- Establish a **methodology** to rank the **suitability** of:
  - Existing aquatic facilities;
  - Potential sites for development;
  - Renovation, expansion, consolidation, maintaining, or decommissioning (closure) of aquatic facilities.
- Will be used as a **guide** regarding future decision making policies on status of aquatic facilities.

## Site Suitability Ranking Process Flow Chart



## Criteria Categories & Elements

Demographics (14 Elements)	Site Conditions (7 Elements)	Infrastructure (9 Elements)	Location (11 Elements)	Accessibility (9 Elements)	Environmental (11 Elements)	Regulatory (12 Elements)	Operations (5 Elements)
<ul style="list-style-type: none"> <li><b>20-Minute Walk</b> <ul style="list-style-type: none"> <li>- Children</li> <li>- Seniors</li> <li>- Total Population</li> <li>- Median Household Income</li> <li>- Population Growth (5-year)</li> <li>- Social Needs and Conditions Index</li> </ul> </li> <li><b>10-Minute Drive</b> <ul style="list-style-type: none"> <li>- Children</li> <li>- Seniors</li> <li>- Total Population</li> <li>- Median Household Income</li> <li>- Population Growth (5-Year)</li> </ul> </li> <li><b>Capacity</b> (based on surface area)</li> <li><b>Attendance</b> (5-Year Avg.)</li> <li><b>Attendance/Capacity Ratio</b></li> </ul>	<ul style="list-style-type: none"> <li><b>Entrance/Drive</b></li> <li><b>Parking Spaces</b> (Count)</li> <li><b>Site Area</b> (Acres)</li> <li><b>Grade Constraints</b></li> <li><b>Health, Safety, Welfare Issues</b></li> <li><b>Designated Historical Features</b> (Count)</li> <li><b>Historical Structure</b> (Pool House or Pool)</li> </ul>	<ul style="list-style-type: none"> <li><b>Electric Service Provider</b></li> <li><b>Electric Service</b> (Phases)</li> <li><b>Water</b> (Dist. to 4" Line in ft.)</li> <li><b>Reclaimed Water</b> (Dist. in ft.)</li> <li><b>Wastewater</b> (Dist. to 8" Sewer Line in ft.)</li> <li><b>Pool Condition</b></li> <li><b>Bathhouse Condition</b></li> <li><b>Storage Conditions</b></li> <li><b>COATN Service Area</b> (Wi-Fi)</li> </ul>	<ul style="list-style-type: none"> <li><b>Heavily Trafficked Roadways</b> (Traffic Counts)</li> <li><b>Distance from Road</b></li> <li><b>Railroads</b></li> <li><b>Flight Zones</b> (Noise Level - Decibels)</li> <li><b>Competing Elements</b> (Count)               <ul style="list-style-type: none"> <li>- Other PARD Aquatic Facilities (20 Min. Walk)</li> <li>- Service Area Overlap (20 Min. Walk)</li> <li>- Private Aquatic Facilities (20 Min. Walk)</li> <li>- Programs By HOA/Private Orgs. (20 Min. Walk)</li> </ul> </li> <li><b>Symbiotic Elements</b> (Count)               <ul style="list-style-type: none"> <li>- Schools/Daycare Providers (5 Minute Walk)</li> <li>- Recreation Centers (5 Minute Walk)</li> <li>- Other Park Amenities (5 Minute Walk)</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li><b>Adjacent Roadway Class</b></li> <li><b>Transit Access</b></li> <li><b>Pedestrian Connectivity</b> <ul style="list-style-type: none"> <li>- Walkways/Trails</li> <li>- Crosswalks</li> <li>- Traffic Controls</li> <li>- Overall</li> </ul> </li> <li><b>Bicycle Connectivity</b> <ul style="list-style-type: none"> <li>- Lanes</li> <li>- Trails (Count)</li> <li>- Overall</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li><b>Trees</b> (Number)               <ul style="list-style-type: none"> <li>- 2" to 19" in Diameter</li> <li>- 19" to 24" in Diameter</li> <li>- Over 24" in Diameter (Including Heritage)</li> </ul> </li> <li><b>Grow Zones</b></li> <li><b>Aquifer Recharge</b></li> <li><b>Pollinator Habitat</b></li> <li><b>Wetlands</b></li> <li><b>Rock Outcrop</b></li> <li><b>Springs</b></li> <li><b>Environmental Sensitivity</b></li> <li><b>Soil Suitability</b></li> </ul>	<ul style="list-style-type: none"> <li><b>Flood Zones</b> <ul style="list-style-type: none"> <li>- 25-Year Floodplain</li> <li>- 100-Year Floodplain</li> <li>- 500-Year Floodplain</li> </ul> </li> <li><b>Zoning Designation</b></li> <li><b>Sub-Chapter E</b> (Distance from Road in ft.)</li> <li><b>Erosion Hazard Review Buffer</b></li> <li><b>Resource Buffers</b></li> <li><b>Watershed Regulation Areas</b></li> <li><b>Water Quality Zones</b></li> <li><b>Endangered Species</b></li> <li><b>Bathhouse</b></li> <li><b>Restrooms</b> (Distance from Pool in ft.)</li> </ul>	<ul style="list-style-type: none"> <li><b>Maintenance Staff/Equipment</b></li> <li><b>Ease of Access</b></li> <li><b>Simplicity of Equipment</b></li> <li><b>Equipment Condition/Replacement Cost</b></li> <li><b>Lawn/Landscaped Area</b></li> <li><b>Employee Safety Measures</b></li> </ul>





# SITE SUITABILITY RANKING PROCESS

## Site Suitability Ranking Summary

Aquatic Facility Site			Balcones	Bartholomew	Big Stacy	Brentwood	Canyon Vista	Civilian	Colony Park <sup>1</sup>	Deep Eddy	Dick Nichols	Dittmar	Dottie Jordan	Dove Springs	Garrison	Gillis	Givens	Govalle	Kenemer	Little Stacy	Mabel Davis	Martin	Metz	Montopolis	Murchison	Northwest	Parque Zaragoza	Patterson	Ramsey	Reed	Rosewood	Shipe	Springwoods	Walnut Creek	West Austin	Westenfield		
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	NA	63	69	NA	61	46	NA	NA	67	57	56	60	55	63	NA	NA	NA	NA	NA	NA	NA	49	65	NA	NA		
RANKING BY POOL CLASSIFICATION <sup>2</sup>	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																5	

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

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



## Suitability for Improvement (Within Existing Site)

**Legend**

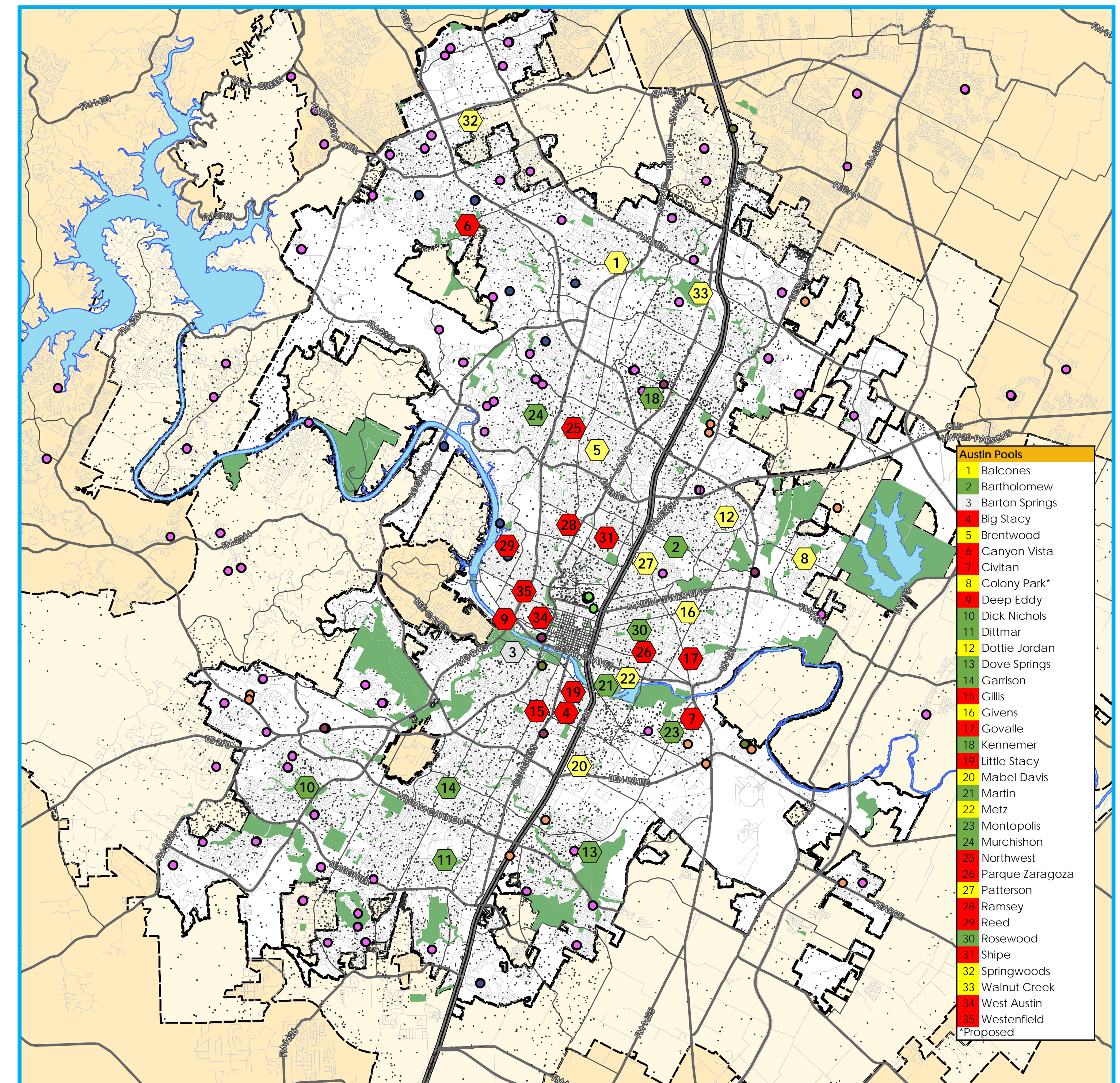
**Suitability Rank**

- High (Green dot)
- Medium (Yellow dot)
- Low (Red dot)
- Not Ranked (Grey dot)
- 1 Dot = 100 People
- City of Austin Parks (Green shaded area)

**Other Pools**

- Association/District (Purple dot)
- RV/Mobile Home (Orange dot)
- Club (Blue dot)
- University (Light Green dot)
- YMCA (Dark Green dot)
- Other Private (Black dot)

City Limits (Dashed line)  
 Planning Boundary (Solid line)



- 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