



APPENDIX





TABLE OF CONTENTS

A. Trails and Multi-use Paths	A3
B. Documents Referenced	A7
C. Maintenance	A10
D. 2016 Resident Recreation Preference Survey	A29
E. 2016 Comparison Jurisdiction Study	A55
F. Level of Service Recommendations	A59
G. Park Types	A60
H. SWOT Analysis	A66

APPENDIX A

Trails and Multi-use Paths

Trails and multi-use paths are integral to Queen Creek's green infrastructure. They contribute to the social life and health of the community by connecting Queen Creek's ecological and human assets. While paths and trails are usually accessible from any location, trailheads provide a designated point of access where amenities such as parking, water, and restrooms may be available. As Queen Creek grows in population, the Town should prioritize providing a highly-connected network of paths and trails that are easily accessible, able to be accessed by all regardless of ability, and which celebrate the rich history, character, and culture of the Town.

Trails support the economy, contribute to the overall health of individuals within the community, provide community identity, and provide transportation options. Trails, and the activities that take place on them, are overwhelmingly supported by residents. In the July 2016 Resident Recreation Preference Survey, 85% of respondents said they or a member of their household participated in jogging, running, walking, hiking, or rollerblading over the past year, and 47% of respondents stated that they participated in these activities regularly over the past month.

Currently, Queen Creek's trail system includes nine miles of paved multi-use paths and 10 miles of equestrian trails along the wash bottom. The majority of paved trails are located along the Queen Creek and Sonoqui washes, enabling residents to traverse the community and travel from north to south. The Horseshoe Park & Equestrian Centre is located on the northeast side of the Sonoqui Wash and is an important amenity for many equestrians using the park. The 11-mile loop trail, which is partially completed along the Queen Creek and Sonoqui washes, connects residents throughout the Town to the existing Desert Mountain Park, Horseshoe Park & Equestrian Centre, Eagle Park (Phase II of Horseshoe Park & Equestrian Centre), and Mansel Carter Oasis Park. During focus groups held as part of the Master Plan processes, participants stated that Town trails support independent trail-ride businesses, group bicycle rides, scout activities, and community walking groups.



TRAIL DEVELOPMENT FOCUS AREAS

South of the Railroad Tracks

Large portions of the southern area of the Town are considered either low density or undeveloped. This provides a unique opportunity to plan trails with new developments as well as future park properties. The southern area also provides access to San Tan Mountain Regional Park with multiple trails within its boundaries. There are also unique agritourism destinations that may allow close access with adjacent trail systems and future developments and park sites. The south area also allows for an opportunity to connect with portions of the unincorporated San Tan Valley community.

Undeveloped Areas

Large portions of the eastern areas of the Town are currently undeveloped. It will be vital to the Town to work with developers to ensure connectivity to surrounding neighborhoods, current trails and future park sites. The close proximity of these areas to the wash trails and adjacent San Tan Valley community provide a great opportunity for the Town and its residents.

Connecting North and South of Track Areas

The north side of the Town is separated from ideal connectivity by the railroad tracks. It is proposed that three crossings of the railroad tracks and connections for north/south trail systems be located at Sossaman Road, Ellsworth Road, and near the Signal Butte Road alignment. These three crossings are equally distributed through the Town and will provide safe crossings for residents wishing to connect their neighborhoods on the north end of Town with the 11-mile loop and wash trails on the south side of Town.

Interconnectivity

Connecting neighborhoods, businesses, park sites and adjoining communities and attractions are a high priority of this plan. Working with neighboring communities as well as the county parks systems is vital to making an interconnected trail system that has a shared vision among partners.

Roadway Crossings

The trail system along the wash focuses on reducing roadway crossings, building bridges/underpasses at roadway crossings whenever possible. The trail system is ultimately being built to connect all Town residents and businesses. In order to maintain safety and efficiency, all roadway crossings are built and maintained for maximum safety.

In areas where arterial roads intersect with the Town's trail system, this plan recommends HAWK (High-intensity Activated crossWalk) crossings wherever there is not a signalized intersection. For streets with low traffic volumes and/or speed limits, marked and signed crosswalks are recommended.

Connecting to San Tan Mountain Regional Park

Current trailheads at San Tan Mountain Regional Park are located at the Goldmine Trailhead along Wagon Wheel Road and at the main park entrance off of Phillips Road south of Town. These trailheads can be connected to the southern portion of Town trails that will have access

to the wash trails and 11-mile loop. A new trailhead may be built within the Box Canyon development as that area is planned further. Adequate trails through this portion of Town may pose difficulties due to the unincorporated areas and limited public space into the foothills area.

Types of Trails

TYPE NAME	TRAIL TYPE	USE	WIDTH (min.)	SURFACE MATERIAL
T1	Detached Sidewalk	Shared	6'	Concrete
T2	Multi-Use Path	Shared	10'	Compacted ¾" minus decomposed granite
T3	Combined Detached Sidewalk & Multi-Use Path	Shared	6', 10'	Concrete sidewalks; compacted ¾" minus decomposed granite multi-use paths,
T4	Paved Wash Trail	Shared	10'	Asphalt
T5	Equestrian Wash Trail	Equestrian only	18" min.	Native

All trails require a maintained 12' vertical clearance.

T1: Detached Sidewalk

Detached sidewalks are a minimum of 6' wide and run along all arterial streets providing safe non-motorized transportation opportunities. A minimum of 7' buffer between curb and sidewalk is required. Buffer space between the roadway and sidewalk provides a higher quality user experience and is more visually appealing. Detached sidewalks are within and connecting neighborhood trail sections. Future developments should be designed to create easy access to adjacent multi-use paths.

T2: Multi-Use Path

This trail type is a minimum of 10' wide and follows major arterial street corridors, connecting neighborhoods to local and regional destinations. The wider trail allows for a greater number and variety of users. The compacted, non-paved surface provides softer impact on joints. Multi-Use Paths will primarily be along neighborhood trail corridors and often in heavily used equestrian areas.

T3: Combined Detached Sidewalk & Multi-use Path

This combined trail provides the best overall non-motorized transportation. Intended mainly for use along major arterial roadways, the combination is the most effective way to provide multiple travel types and activity (walk, run, skate, rollerblade, bike and horse). Providing an easy and safe connection to destinations encourages families to be active together, and reduces the number of trips in a motorized vehicle. A minimum of 7' buffer between curb and sidewalk is required. The multi-use path, at a minimum of 10' wide, can be set anywhere between the sidewalk and the setback limit.



T4: Paved Wash Trail

These types of trails are the signature feature of what will comprise the 11-mile loop and be adjacent to the major washes in Town. The Queen Creek and Sonoqui Wash Trails have this type of existing trail. They will be at least 10' wide asphalt trails. Trailheads will be placed throughout the Town with some small parking areas included. Small detached rest areas will be included with desert landscaping along the trail. Crossings through the washes should be minimized due to negative effects of flooding. Paved trails along the washes provide excellent opportunities to travel through Town safely and efficiently. The system was designed to minimize crossing roadways, with the use of bridges and trail crossing signals.

T5: Equestrian Wash Trail

Typically located along the bottom of the washes, equestrian wash trails are areas where a minimum of 18" wide and 12' high clearance is kept in order for horseback riders to safely travel through Town. In almost all areas of the wash trails, equestrian users are able to travel under roadways, avoiding at-grade crossings. Where at-grade crossings exist, equestrian friendly crossing instruments (raised activation buttons) shall be included to ensure easy access and use.



APPENDIX B

Documents Referenced

2017 Citizen Survey

www.queencreek.org/home/showdocument?id=26003

2016 Multimodal Transportation Master Plan

www.queencreek.org/home/showdocument?id=23872

2007 Five Parks Master Plan

www.queencreek.org/departments/parks-recreation/parks-trails/five-park-master-plan

2005 Parks, Trails and Open Space Master Plan

www.queencreek.org/departments/parks-recreation/parks-trails/parks-trails-open-space-master-plan



APPENDIX C

Municipal Grounds Division

The overall goal of the Town of Queen Creek Municipal Grounds Division is to provide parks, trails, and facilities that are safe, clean, and aesthetically pleasing. This document acts as a reminder of the basic principles with regards to parks maintenance plans.

Litter: All parks, trail systems, and public facilities should be as free of litter as possible at all times. The removal of litter is everyone's job. No Town employee should neglect removing a piece of litter assuming someone else will pick it up.

Vandalism and Graffiti: Vandalism and graffiti shall be reported to a supervisor immediately and repaired as soon as possible after discovery. The division goal is to remove all graffiti within 24 hours or less. Acts of vandalism causing a hazard shall be repaired or taken out of service immediately. As a general rule, photographs of graffiti incidents are recommended. Any graffiti that could be gang-related or threatening in nature should be photographed and reported to MCSO and the park rangers.

Weed Control: Weeds should be addressed early and often. The ultimate goal should be to have weed-free properties. Regular utilization of chemical and mechanical control methods are vital to achieving this goal. Use of both pre-and post-emergent herbicides are part of the regular routine and why technician level staff in the department are required to become OPM certified. Be proactive in the approach and use the knowledge and resources available to guide actions.

Ramadas: All ramadas are to be inspected on a daily basis. Floors shall be free of dirt, litter, debris, stickiness, and standing water. Structure shall be free of cracked, broken or missing components. Exterior surfaces shall be free of holes, gaps and peeling paint. Roofs shall not leak and shall be free of limbs, litter and debris. Lighting fixtures and electrical outlets shall be in proper working order and timers set per the timer schedule.

Restrooms: All restroom areas are to be inspected on a daily basis. Restrooms are primarily maintained through an outsourced service. However, each restroom must be checked daily and attended to as necessary by grounds staff. Restrooms should be clean, free of any debris or hazards, and in fully operational condition. Paper products need to be stocked and the restrooms need to be free of graffiti. Floors shall be free of dirt, dust, debris, cobwebs, and free of standing water. Ceilings and walls shall be free of debris, dirt, cobwebs, peeling or chipped paint. Toilets and urinals shall be in proper working order. Toilet paper dispensers shall be stocked with paper and firmly attached to the walls. Toilet partitions shall be free of dirt, debris, cobwebs or graffiti. Devices switches, plates and fire alarm



pulls shall be in working order. Signage shall be free of dirt and debris and have no cracked, broken or missing pieces and be clearly legible. Sinks shall be free of dirt and debris. Faucets shall operate per manufacturer's specifications. Drains shall be free of clogs and debris. Soap dispensers shall work as designed, be firmly attached to the wall and be full of soap. Hand dryers shall be free of dirt and debris and shall work as designed by the manufacturer. All fasteners and hardware shall be secure.

Parking Lots, Roadways, Walks, Paths, and Trails: All surfaces shall be free of potholes, cracks, trip hazards, weeds, debris and clippings. Curbs and gutters shall be free of excess trash or debris. All storm drainage components shall be unobstructed and free of cracks and/or missing components. Parking bumpers shall be in their specified location, anchored securely and free of excessive cracks. Pavement markings and parking lot markings shall be legible. Granite pathways/trails shall be free of dips, roots, ruts debris, obstacles, and vegetation encroachment.

Wash Areas: All wash area trail systems shall be safety inspected on a daily basis. Travel paths (wash bottom equestrian trails and paved multi-use paths) shall be free of potholes, cracks, trip hazards, weeds, trash, debris and vegetative obstructions. Typical multi-use path clearance shall be 14' wide by 8' high. Typical equestrian trail clearance (wash bottom trails) shall be 16' wide x 12' high. The primary purpose of the Town's wash areas are the conveyance of storm water. These channels play a critical role in the regional flood control plan. The wash bottoms and banks are to be regularly thinned of excess vegetation and debris that may hinder storm flows.

Commons Lawn Areas: All lawn areas are to be inspected on a daily basis. Turf shall be healthy, free of diseases, pests and invasive species. Turf areas shall be cut uniformly. Turf height should be maintained according to location, type of grass, season, and specific directives from department leadership. Grass is typically maintained at a height of 1.5"-2.5." Turf shall have no holes or trip hazards and free of clumped grass clippings.

Trees: All trees shall be healthy, free of life threatening disease and insect infestations. Trees shall be free of dead, diseased or broken limbs. Tree limbs shall not encroach on utilities, roadways, trails, or walkways. Trees shall be free of suckers and the trunk of the tree shall be free of waterspouts up to the first structural branch. At time of planting, all nursery stakes should be removed and proper staking and wiring shall be installed. All tree stakes and support wires shall be in place, providing adequate structural support. Any unnecessary tree stakes or wire should be removed. Established trees shall be pruned up a minimum of 8 feet in turf areas.

Shrubs/Flowers: All plants shall be free of diseases and pests that affect the aesthetic appearance of the plant or threaten the health of otherwise healthy plants. All flowers and shrubs will be watered immediately after planting. All planters will be watered to maintain optimal moisture content. All planters/beds shall be free of weeds to the greatest extent possible. Beds and planter areas shall be free of trash and dead plant material. Shrubs shall not encroach upon sidewalks and paths. Pruning shall be done so as to produce plants that are aesthetically pleasing with safety and plant health being the primary concerns.



Chain Link Fencing: Fence fabric shall be attached securely with fence ties. Fence fabric shall not be rusted or heavily misshapen. Poles shall be capped. Rails and posts shall be straight and secured together firmly. There shall be no cracked, broken or missing components. Posts shall be plumb and rails shall follow contours of land. Footings shall not be heaved or shall be finished so as to eliminate rough edges if designed to be exposed.

Split Rail Fencing: All rails and posts shall be securely fastened. Posts shall be plumb and rails shall follow the contour of the land. No cracked, broken or missing posts or rails.

Drinking Fountains: Bowls shall be clean and free of dirt and debris. Valves, plumbing valves, and all plumbing shall function as specified and drains shall be free of clogs. The base of the fountain shall be free of dirt and debris.

Benches: All bench components shall be structurally sound and tightly fastened together. Metal frames shall be firmly anchored. Bench boards shall not be cracked, split, broken or missing. Replacement hardware shall meet or exceed the original equipment manufacturers specifications. Plastic coated benches shall not have exposed metal substrates.

Picnic Tables: Picnic tables shall be free of dirt, debris and stains. Bench and table boards shall not be cracked, broken or missing. All picnic table components shall be structurally sound and fastened together firmly. Threads shall not protrude more than ¼ inch. Plastic coated tables shall not have exposed metal substrates.

Bike Racks: Bike racks shall be firmly anchored. All structural components shall be sound. No cracked, broken or missing components.

Grills: Grill posts shall be firmly anchored and grills firmly attached to posts. Grills shall be free of rust, holes, and cracked, broken or missing components. Grills shall be free of ashes, litter and debris. Area around grill shall be free of ashes, litter and debris.

Trash Receptacles: Trash bags/liners of appropriate size and shape shall be used at all times in trash receptacles. Receptacles shall be sound and free of excessive dents or rusted areas. Permanent receptacles shall be securely fastened. Non-permanent receptacles shall be placed on a hard surface in a designated location, except as directed for special events.

Signage: All signs shall be installed plumb and/or level with a firmly fixed base. Signs shall be legible, having no peeling or faded lettering. Signs shall be free of markings, dirt and debris. Signs shall be located so as to be accessible but not blocking paths or roadways.

Athletic Fields (Soccer, Football, Multi-use): All athletic fields shall be inspected on a daily basis. Fields shall be free of holes, trip hazards and excessive wear on turf. Field shall be free of standing water before any scheduled use. Field shall be free of litter and debris. Goals shall be firmly anchored to the ground, and all goal components shall be tight. Nets shall



be free of excessive wear, tears or holes. Painted field lines shall be square, straight and clearly visible. Turf shall be healthy, free of diseases, pests and invasive species. Turf height should be maintained according to location, type of grass, season, and specific directives from department leadership. Grass is typically maintained at height of 1.5"-2.5" (depending on location, type of grass, and season). Turf shall be generally free of holes, trip hazards and clumped grass clippings.

Baseball/Softball Infields: All baseball and softball fields are to be inspected on a daily basis. Wear areas around home plate, bases and pitching rubber shall not be worn or "dished out" but shall be firm and flush with the surrounding field. Infield/outfield transition areas (lips) shall not have a build-up of infield material. Infields shall be graded to minimize standing water. Home plates and pitching rubbers shall not be torn or excessively worn and shall be installed with the top of the rubber or plate flush with or slightly below the surrounding grade. Infields, fence lines and warning tracks shall be free of weeds. Dugouts shall be free of litter and debris. Outfields shall be generally free of holes, litter, debris and clumped grass clippings.

Basketball Courts: All basketball courts shall be inspected on a daily basis. Poles, backstops and rims shall be securely anchored and attached having no cracked, broken or missing components. Nets shall be securely fastened to rims and free of tears. Court surface shall be free of holes, cracks, weeds and foreign surface matter. Court lines shall be clearly visible. Court shall be free of litter and debris.

Skate Park: The Town skate parks shall be inspected on a daily basis. Ramps and other structures shall be securely anchored and attached and have no cracked, broken or missing components. Skating surface shall be free of holes, cracks, weeds and foreign surface matter. Surface shall be free of litter and debris. In case of rain, all of the surfaces within the park must be dry before any park users are allowed access to the facility.

Splash Pad: The Town splash pads shall be inspected on a daily basis prior to opening. All play surfaces and seating areas shall be cleaned free of litter and debris. All bench and table fasteners shall be tight and secured. No loose, broken or missing hardware on any of the water features or pad components. All areas shall be free of sharp edges. All water treatment systems should be in good working condition and water quality verified and adjusted accordingly before opening the park for the day.

Bleachers: Seating area and underneath shall be free of litter and debris. All fasteners shall be tight. No loose, broken or missing components and shall be free of sharp edges. Bleachers shall be in their designated location.

Irrigation: All heads shall be at grade and free of grass and other obstructions. All irrigation components shall be free of leaks. All irrigation components shall be in proper working order. Controller programs shall be maintained to ensure optimal moisture content. Quick couplers shall be in a box with the lid installed flush with or slightly below grade.

Playgrounds: All Town playgrounds shall be safety inspected daily with record of who performed the inspection noted in the individual's daily log book. Play equipment shall comply with ASTM and CPSC guidelines. Play equipment shall have no cracked, broken, overly worn or



missing components. All play equipment components shall be firmly attached to footings. All play equipment fasteners shall be securely tightened. Playground area shall be free of debris. Safety surface shall be at the appropriate height, uniformly level and free of weeds. Replacement components shall meet or exceed original manufacturer's specifications as well as ASTM and CPSC.

Outdoor Lighting: All fixtures shall be in proper working order and free of cracked, broken or missing components. Sports lighting times shall be set per the timer schedule. (Notify department leadership if lighting is on during daylight hours.) Illumination/acceptable lighting levels for activities shall be checked regularly by the park rangers and records kept within the park ranger lighting inspection reports.

Vehicles and Equipment: Vehicles and equipment are to be inspected daily before use. Problems with vehicles or equipment shall be reported to the municipal grounds department mechanic or fleet services upon discovery. Interiors of vehicles shall be cleaned daily of debris and litter. Exteriors and interiors are to be cleaned as needed, but at a minimum of once per month. Beds of trucks shall be emptied of excess tools and materials at the completion of a project or when the vehicle is no longer being used on that project. All tools and equipment will be returned in clean, working condition and properly stored in their designated location. Vehicles shall be at least $\frac{1}{4}$ full with fuel. All equipment shall be properly oiled, lubricated, and determined to be in good working order prior to use. Any questions regarding safe and appropriate use or maintenance of a particular piece of equipment shall be directed towards the municipal grounds mechanic or division leadership staff.

Level of Service – Parks

LEVEL 1

- Little to no trash or debris is visible at the site at any time. Trash receptacles are clean and liners are changed daily. Sidewalks and paths are clean, leveled, broomed, raked, and pressure washed regularly. Very little signs of cracks or elevated concrete over $\frac{1}{2}$ " are present.
- Parking lots and curbs are clean. Asphalt markings are always clear and visible.
- Signage is undamaged, legible, straight, and replaced regularly as needed.
- All playground areas are free of litter (Level 1 trash includes cigarette butts in playground areas), daily inspected, and in excellent working condition. Playgrounds are pressure washed/cleaned/disinfected on a weekly basis.
- Volleyball and basketball courts are raked, blown down, and cleaned daily.
- Turf grass always has freshly cut appearance and maintained at optimum length for specific variety. Turf has uniform color and density with very little signs of stress or disease. Predominantly homogeneous strands of the intended turf grass variety are present with little to no weeds present.



- Irrigation systems are programmed and 100% operational for optimal timing in relation to park usage. It is obvious that the systems produce uniform distribution patterns because there are very few areas suffering from standing water or extremely dry conditions.
- Care is being taken at heavily used areas and damaged locations – repair programs are obviously in place.
- Athletic fields are always kept in a safe, level, playable, and aesthetically pleasing condition. All high-use areas such as ballfields and open turf areas are monitored and repaired daily for holes, mounds, and unlevelled areas.
- Sprinkler heads, and traffic areas are consistently monitored and repaired for optimal playing conditions. Infield areas are always level, clean, freshly drug, and lip areas are sod-cut and regularly worked to provide safe transition areas. Mounds and batters boxes are freshly packed, clayed, and kept at required specifications. Lines are always straight, bright, and completed for all programs requesting this service prior to the event.
- Trees and shrubs are always maintained for optimal health and form. No plant is ever in obvious need of attention. All plant stress and diseases are given immediate attention. Tree stakes are in place. Dead or diseased plant material is removed and replaced immediately.
- There are little to no weeds present throughout the site at any time.
- Granite areas always have a raked and clean appearance.
- Ramadas, restrooms, and picnic areas are always clean with no major damage or graffiti visible. All posts, tables, benches, fence lines, and floors are clean, painted, and free of tape, debris, spills, and stains.
- All lights and locking mechanisms throughout site are in good working order.
- All maintenance equipment and shop areas are clean, organized, and maintained regularly with no visible damage or lingering safety concerns.
- Very seldom are there calls from the community to report a maintenance concern due to proactive inspection programs and level of attention given by staff members.

LEVEL 2

- Trash is regularly monitored and picked up. Some minor trash or small debris may be visible for short periods of time. Receptacles are emptied when 2/3 or more full.
- Sidewalks and paths are blown down or raked semi-regularly, approximately every 2-3 days. All large obstacles and obvious safety concerns are attended to immediately. Relatively minor concerns are given attention as time permits.
- Parking lots and curbs will have minor debris at times, but are on regular maintenance schedule approximately once per week.



APPENDIX

- Signage is kept at relatively good condition; some signage may have small defects, small bends or some worn lettering.
- Turf areas are relatively uniform and maintained at regular intervals. Visual appearance is predominately uniform and regularly maintained at an acceptable height. Some small weed infestations are present and there are some edges with minor irregularities, but nothing too substantial. Safety concerns such as holes and mounds in turf and pedestrian traveled areas are given immediate attention. Top-dressing, fertilization, leveling, and other large field programs are done as time permits. Damaged areas are scheduled and repaired as time permits.
- Irrigation systems are in good working condition with 80-90% uniform distribution patterns. Some minor yellowing and puddling is present in some locations, but majority of areas are working properly.
- Ballfields are regularly monitored for safety issues. Infields and warning tracks are raked 2-3 times weekly.
- Playground areas are inspected and monitored for damage or defects daily. Playgrounds are pressure washed/cleaned/disinfected every 2-3 weeks on average.
- Volleyball and basketball courts are kept relatively clean, most debris are removed regularly, and areas are raked and blown down approximately twice per week.
- Trees and shrubs are maintained semi-regularly with only minor deficiencies noticeable. Some plant stress and diseases are noticeable. Dead or diseased plant material is replaced as time permits.
- There are some weeds present throughout the site, but most are relatively small.
- Ramadas, restrooms, and picnic areas are cleaned regularly with very little major damage or graffiti visible for long periods of time.
- All lights and locking mechanisms throughout site are in relatively acceptable working order with minor deficiencies.
- All maintenance equipment and shop areas are cleaned semi-regularly.
- There are only a few calls from the community to report maintenance concerns and problems associated with the facility.

LEVEL 3

- Trash and debris are picked up semi-regularly according to need. Some trash or small debris will be visible at times. Receptacles are emptied only when full.
- Sidewalks and paths are maintained semi-regularly depending on work load and scheduling. Some granite areas will be thin and in need of attention.



- All large obstacles and obvious safety concerns are attended to as soon as possible. Relatively minor concerns are added to maintenance plans and scheduled when possible.
- Parking lots and curbs will have miscellaneous debris at times, regular maintenance is scheduled approximately 2-3 times per month.
- Signage is kept at fair condition; some signage will have defects, bends, and worn lettering.
- Turf areas are not relatively uniform in color and density and maintained at intervals that reflect some scalping and grass clippings present.
- Some weed infestations are present and there are edges with irregularities. Safety concerns such as holes and mounds are given attention as time permits. Top-dressing, fertilization, leveling, and other large field programs are seldom performed. Damaged areas are scheduled and repaired as time permits.
- Irrigation systems are in fair working condition with 70-80% uniform distribution patterns. Some yellowing and puddling is present in some locations.
- Infields and warning tracks are raked weekly or as time permits.
- Playground areas are inspected, cleaned, and monitored for damage or defects on a weekly basis. Some debris and defects will be noticeable. Some equipment may be missing or in need of replacement.
- Volleyball and basketball courts are raked and blown down twice monthly. Nets and rims may show signs of wear or in need of replacement.
- Trees and shrubs are given attention as time permits with emphasis on safety concerns first and overall health and form issues when time permits. Some plant stress will be noticed. Dead or diseased plant material will be present for a period of time until maintenance schedules allow time for care or replacement (possibly weeks).
- There are weeds present at the site, but most are relatively small. The weed control program is periodic and on an “as-needed” basis.
- Restrooms are cleaned on alternating days. Ramadas and picnic areas are cleaned monthly or as time permits.
- Some minor damage and graffiti will be visible for a period of time before maintenance crews can repair or replace as needed.
- Most lights and locking mechanisms throughout site are in fair condition with a small percentage in non-working order.
- Calls from the community to report maintenance concerns and problems associated with the facility are fielded semi-regularly.



LEVEL 4

- Trash and debris are picked up as time and priorities allow. This will mean that some trash or debris will be visible at times.
- Sidewalks and paths are maintained as needed depending on work load and scheduling. There will be debris on sidewalks at times and the paths will not be raked and leveled regularly.
- Safety concerns are attended to as soon as time permits. Some delay in response may occur.
- All maintenance concerns are added to maintenance plans and scheduled when possible.
- Signage is kept at fair condition; some signage will have defects, bends, worn lettering, or missing in some areas until schedules allow for replacements.
- Damaged areas at the park are scheduled and repaired as time permits. Some delays may occur.
- Irrigation systems are in fair working order with 60-80% working condition.
- Trees and shrubs are given attention as time permits with emphasis on safety concerns first and overall health and form issues when time permits. Some plant stress will be noticed. Dead or diseased plant material will be present for a period of time until maintenance schedules allow time for care or replacement. Planter areas will have some plants missing.
- There will be some weeds present as eradication programs are periodically scheduled.
- Some minor damage and graffiti may be visible for a period of time before maintenance crews can repair or replace as needed.
- Most lights and locking mechanisms throughout site are in fair condition with a small percentage in non-working order.
- Calls from the community to report maintenance concerns and problems associated with the facility are fielded regularly.

LEVEL 5

- Trash and debris removal programs are not on a regular schedule and are performed only when requested. Trash or debris will be visible in some areas.
- Sidewalks and paths are not maintained regularly. Dirt/debris on walks will be visible at times.
- Safety concerns that are reported are attended to as time permits. All maintenance concerns are added to maintenance plan and scheduled when possible.
- Signage is kept at a minimum with some visible defects and missing signs.



- Irrigation systems are generally not present. If present, they are not maintained regularly.
- Trees and shrubs are given little to no attention unless safety concerns are presented. Some plant stress will be noticed. Dead or diseased plant material, as well as bare areas will be present.
- There will be weeds present at the site with minimal eradication programs in place.
- Some damage and graffiti will be visible for extended periods of time before maintenance crews can repair or replace as needed.
- A level 5 area should be relatively unused by the public. Calls from the community to report a maintenance concern or problem associated with the facility are fielded periodically, usually from adjacent property owners.

Level of Service – Wash Trails

LEVEL 1

This LOS is generally reserved for highly-used, highly visible areas that require intense maintenance programs. Staff is on-site daily. Attention to detail is evident.

- No trash is visible at any time.
- Paths are cleaned and pressure washed constantly as needed.
- Rarely are weeds present at any time.
- Plants are regularly pruned and replaced as needed.
- No erosion or bank degradation is present.
- Storm and flow damage is repaired immediately. Public will usually re-gain access within one day of flow subsidence.
- This LOS would generally involve grassed or play areas, lights, drinking fountains, ramadas, etc. These areas would be maintained daily and in excellent condition. Play areas would be cleaned daily. Grass areas would have a freshly cut appearance and maintained at optimum length for specific variety. Turf has uniform color and density with very little signs of stress or disease.
- There are no safety hazards or amenities in obvious need of repair. All surfaces are freshly painted or in like-new condition.



- All granite and riprap are weed-free, debris-free, raked, and level. The rock materials are replenished regularly.
- The irrigation systems are 100% operational.
- Signage is undamaged, legible, straight, and replaced immediately as needed.
- Any graffiti or vandalism is given immediate attention and never present for more than 24 hours.
- Very seldom are there calls from the community to report a maintenance concern due to proactive inspection programs and level of attention given by staff members.

LEVEL 2

This LOS is a high level of maintenance that requires constant attention and available resources. It would be presumed that the wash area is well used and highly valued by the organization.

- The areas maintained at an LOS 2 would receive very regular attention.
- Daily inspections would provide detailed needs of plant and landscape deficiencies for staff to respond to.
- Maintenance staff is on-site about every other day to tend to the needs very quickly.
- Very little trash is visible at any time.
- Paths are cleaned and pressure washed regularly – generally once or twice per week.
- Weeds are rarely present and are small and inconspicuous when noticed.
- Plants are regularly pruned and replaced as needed.
- Very little erosion or bank degradation is present.
- Storm and flow damage is repaired immediately. Public will usually re-gain access within 2 days of flow subsidence.
- Rest areas are inspected, cleaned, and monitored for damage or defects on a daily basis.
- There are no safety hazards or amenities in obvious need of repair. All surfaces are freshly painted or in close-to-new condition.
- All granite and riprap are relatively weed-free, debris-free, raked, and level. The rock materials are replenished regularly.
- The irrigation systems are 90-100% operational.



- Signage is undamaged, legible, straight, and replaced regularly as needed.
- Any graffiti or vandalism is given immediate attention and never present for more than 24 hours.
- There are only a few calls received from the community to report maintenance concerns and problems associated with the area. However most of these will involve issues unrelated to the normal maintenance practices of the staff.

LEVEL 3

- Trash and debris are picked up regularly. Some trash or small debris will be visible at times.
- Paths are cleaned regularly on a weekly schedule. Pressure washing is done monthly.
- Granite areas may be thin in some areas, but adequate coverage is usually present.
- All large obstacles and obvious safety concerns are attended to immediately due to regular, daily inspections.
- There are some signs of erosion or bank degradation, but most is minor.
- Storm and flow damage is repaired as quickly as possible. Public will usually re-gain access within 3 days of flow subsidence.
- Signage is kept at fair condition; some signage will have defects, bends, and worn lettering, but will be present and legible.
- Some weeds will be present, but in low numbers and generally under control. Weed control programs are in place and the population is kept at manageable level.
- Irrigation systems are in fair-good working condition throughout the area.
- Rest areas are inspected, cleaned, and monitored for damage or defects on a twice-weekly basis. Some damage or defects may be noticeable, but usually for a short period of time. If safety-related, the damaged area will be given immediate attention.
- Trees and shrubs are given attention as time permits with emphasis on safety concerns first and overall health and form issues when time permits. Some plant stress will be noticed. Dead or diseased plant material will be present for a period of time until maintenance schedules allow time for care or replacement.
- Some minor damage and graffiti may be visible for a short period of time before maintenance crews can repair or replace as needed. Usually these incidents will be repaired within 24 hours.
- Calls from the community to report maintenance concerns and problems associated with the area are fielded semi-regularly, but are usually relatively minor in nature.



LEVEL 4

- Trash and debris are picked up on a semi-regular schedule. Some trash or small debris will be visible at times.
- Paths are cleaned approx every 2-3 weeks on average. Pressure washing is performed every 2 months on average. Large debris and obstructions on the paths would be removed by inspectors daily. Paths may exhibit some wear and edge crumble in spots.
- Granite areas may be thin in some areas and rip-rap may be missing from some bank areas.
- All large obstacles and safety concerns within the wash bottom are attended to as soon as possible. Not all are seen immediately, so there can be a delay if not obvious.
- There is some erosion and bank degradation visible.
- Storm and flow damage is repaired as quickly as possible. Public will usually re-gain full access within a week of flow subsidence.
- Signage is kept at fair condition; some signage will have defects, bends, and worn lettering. Sign replacements may be delayed depending on staff workloads.
- Weeds will be present, but usually in reasonable numbers and reasonable height. Weed control programs are in place, but the schedule may be sporadic at times resulting in manual eradication/removal periodically. There will be tumbleweeds reported at times.
- Irrigation systems are in fair working condition. Some parts of the system may not be operational at times.
- Rest areas are monitored for damage or defects on a weekly basis. Some damage or defects may be present, but usually for a short period of time. If safety-related, the damaged area will be given attention as soon as possible.
- Trees and shrubs are given attention periodically, but usually for safety or flow management purposes. Some plant stress will be present. Dead or diseased plant material will be present for a period of time until maintenance schedules allow time for care or removal. Replacements are rarely performed.
- Some minor damage and graffiti may be visible before maintenance crews can repair or replace as needed. Some damaged items may not be replaced. Usually incidents will be given attention within 48 hours.
- Calls from the community to report maintenance concerns and problems associated with the area are fielded semi-regularly. Crews will respond to citizen concerns as time and workloads permit.

LEVEL 5

- Trash and debris are picked up as time permits. Scheduled clean-ups will take place quarterly. Use of volunteers may be utilized to assist. Some trash or debris will be visible in some areas.
- Paths are cleaned monthly. Pressure washing is performed once annually. Large debris and obstructions on the paths would be removed by inspectors daily. Paths will exhibit wear.
- Granite areas will be thin in areas and rip-rap may be missing from some bank areas.
- Large obstacles and safety concerns within the wash bottom are attended to when reported. Not all are seen immediately, so delays will be encountered.
- There is some erosion and bank degradation visible.
- Storm and flow damage is repaired when possible. Public will usually re-gain full access within a week or so of flow subsidence. However, not all flood damaged areas will be repaired immediately.
- Signage is maintained when possible. Most will be in reasonable condition, many will have defects, and some signage will be missing at times. Sign replacements will take place depending on staff workloads.
- Weeds will be present in many areas. Weed control programs are sporadic and based on priority schedules depending on severity of area. Manual eradication/removal programs will take place and volunteers will be sought to assist periodically. There will be tumbleweeds reported at times. The Town will fall short of attaining 100% compliance with Town weed ordinances.
- Irrigation systems are in fair-poor working condition. There will be inoperable segments of the system and periodic flooding or stressed plant material due to lack of adequate system maintenance.
- Rest areas are monitored for damage or defects as time permits. Some damage or defects may be present until crews can perform repairs. Some areas may be closed to the public for short periods of time.
- Trees and shrubs are rarely given attention. Focus will be on safety or flow-related thinning or removal. Dead or diseased plant material will be present.
- Some minor damage and/or graffiti may be visible for a period of time before maintenance crews are notified and can repair or replace as needed. Some damaged items may not be replaced.
- Calls from the community to report maintenance concerns and problems associated with the area are fielded regularly. Crews will respond to citizen concerns as time and workloads permit.



Level of Service – Right-of-Ways

LEVEL 1

- Level 1 is top-notch service.
- At this level, little to no trash or debris is visible at the site at any time. Trash receptacles are clean and liners are changed daily.
- Sidewalks and paths are clean, leveled, broomed, raked, and pressure washed regularly. Very little signs of cracks or elevated concrete over ½" are present.
- Parking areas and curbs are clean and freshly painted. Asphalt markings are always clear and visible.
- Signage is undamaged, legible, straight, and replaced regularly as needed.
- All rest areas are free of litter (Level 1 trash includes cigarette butts), daily inspected, and in excellent condition.
- Granite areas are raked, blown down, and cleaned daily.
- Irrigation systems are programmed and 100% operational for optimal timing in relation to community usage. It is obvious that the systems produce uniform distribution patterns because there are very few areas suffering from standing water or extremely dry conditions.
- Care is being taken at heavily used areas and damaged locations. Repair programs are obviously in place.
- All high-use/high visibility areas are monitored daily for holes, mounds, and unlevelled areas.
- Sprinkler heads, and traffic areas are consistently monitored and repaired.
- Trees and shrubs are always maintained for optimal health and form. No plant is ever in obvious need of attention. All plant stress and diseases are given immediate attention.
- Tree stakes are in place.
- Dead or diseased plant material is removed and replaced immediately.
- There are little to no weeds present throughout the site at any time.
- Ramadas, rest areas, posts, benches, fence lines, and concrete are clean, painted, and free of tape, debris, spills, and stains.
- No major damage, vandalism, or graffiti is ever visible.

- No lingering safety concerns are ever present.
- Very seldom are there calls from the community to report a maintenance concern due to proactive inspection programs and level of attention expected from staff members.

LEVEL 2

- Level 2 can be considered a very acceptable level of service.
- The focus of staff is to make sure that the area is never in obvious need of relatively simple fixes. Crews will have adequate time to complete the tasks at hand. The teams will focus on safety, functionality, and aesthetics to provide the best product with the given resources.
- Staff will be somewhat proactive by performing inspections and maintenance tasks 2-3 times per week. Trash is regularly monitored and picked up. Some minor trash or small debris may be visible for short periods of time, but usually no more than a day or two.
- Receptacles are emptied when 2/3 or more full.
- Sidewalks and paths are blown down or raked semi-regularly, usually every 2-3 days.
- All large obstacles and obvious safety concerns are attended to immediately.
- Relatively minor concerns are given attention as time permits.
- Parking lots and curbs will have minor debris at times, but are on regular maintenance schedule approximately 2-3 times per week.
- Signage is kept at relatively good condition; some signage may have small defects, small bends or worn lettering.
- Rest areas and sidewalks are blown down, and cleaned regularly.
- Safety concerns such as holes and mounds in planters or pedestrian traveled areas are given immediate attention.
- Damaged areas are scheduled and repaired as soon as time permits.
- Irrigation systems are in good working condition with 80-90% uniform distribution patterns. Some minor drying and puddling is present in some locations, but majority of areas are working properly. Rest areas, ramadas, benches, and other amenities are inspected, cleaned, and monitored for damage or defects on a weekly basis.
- Granite areas are kept relatively clean, most debris are removed regularly, and areas are raked and blown down approximately 2-3 times per week.
- Trees and shrubs are maintained regularly with only minor deficiencies noticeable. Some plant stress and diseases are noticeable. Dead or diseased plant material is replaced when time permits, but it is a fairly quick turnaround.



- There are some sporadic weeds that can be found at the site, but all are very small and usually go unnoticed between services.
- Ramadas, restrooms, and picnic areas are cleaned regularly with very little major damage or graffiti visible for extended periods of time (always repaired within 48 hours).
- There are only a few annual calls from the community to report maintenance concerns and problems associated with the site.

LEVEL 3

- A level 3 service should be considered the basic “acceptable” service level.
- The main focus is maintaining a reasonably neat appearance and reasonable attention to safety issues. Maintenance will focus around specific planned schedules as opposed to constant attention. Personnel will be given a specific time allotment for a given area to complete a set number of tasks. This will not allow much “extra” time for unexpected issues. Crews will need to have more of a “Run-and-Gun” focus to complete the tasks given in the allotted time.
- Trash and debris are picked up semi-regularly on specific schedules (example: large cups and papers will be picked up on specific days, whereas cigarette butts won’t be). Some trash or debris will be visible at times between scheduled maintenance runs.
- Receptacles are emptied when full. Receptacles and benches are cleaned every other month.
- Sidewalks and paths are blown down semi-regularly (usually once per week) depending on work load and scheduling.
- Usually any large obstacles and obvious safety concerns are attended to as soon as possible- if seen on the normal maintenance runs.
- Relatively minor concerns are added to maintenance plans and scheduled when possible.
- Parking areas and curbs will have miscellaneous debris at times as regular maintenance schedules are based on approximately once or twice per week for most tasks.
- Signage is kept at fair condition; some signage will have defects, bends, and worn lettering.
- Some weed infestations are present, but usually kept within reason.
- Safety concerns such as holes and mounds are given attention when time permits. Damaged areas are scheduled and repaired as time permits.
- Irrigation systems are in fair working condition with 70-80% uniform distribution patterns. Some dry areas and puddling is present in some locations.
- General amenities are briefly inspected and monitored for damage or defects on a monthly basis. Some debris and defects will be noticeable. Some amenities such as benches or trash receptacles may be worn or missing.

- Most concrete is in acceptable condition with minor cracks and chips present.
- Painted surfaces may show some wear and chipping.
- Trees and shrubs are given attention as time permits with emphasis on safety concerns first and overall health and form issues secondary. The pruning practices will be regularly scheduled, but limited to periodic attention. Some plant stress may be noticed. Dead or diseased plant material will be present for a period of time until maintenance schedules allow time for care or replacement.
- There are weeds present at the site, but most are reasonably small. The weed control program is based on a regular schedule, (usually monthly) as opposed to responsive to specific needs. Selective herbicide applications are performed on an “as-needed” basis when nuisance plants are beyond tolerable levels. Some minor damage and graffiti will be visible for a period of time before maintenance crews can repair or replace as needed.
- Most repairs or special attention to safety concerns are performed reactively based on calls from the community.
- Work order requests regarding maintenance concerns are fielded fairly regularly.

LEVEL 4

- A level 4 service is generally limited to low-visibility or restricted funding situations. The services are at a bare minimum for keeping areas from looking extremely unmaintained.
- Trash and debris are picked up as needed or requested. Generally, one could find some trash or debris visible at most times. The trash is never too extreme, but a piece here and there is acceptable.
- Sidewalks and paths are maintained as needed depending on work load and scheduling.
- Safety concerns are attended to as soon as time permits. All maintenance concerns are added to a maintenance plan and scheduled when possible.
- Signage is kept at fair condition; some signage will be missing and some will have defects, bends, and worn lettering. Damaged areas are scheduled and repaired as time permits.
- Most of the irrigation systems are in somewhat reasonable working order with 60-80% working condition. Trees and shrubs are given attention as time permits with emphasis on safety concerns first and overall health and form issues when time permits. Some plant stress will be noticed. Dead or diseased plant material will be present for a period of time until maintenance schedules allow time for care or replacement.
- There will be weeds present at the site and eradication programs are periodically scheduled.
- Some minor damage and graffiti will be visible for a period of time before maintenance crews can repair or replace as needed.
- Calls from the community to report maintenance concerns and problems associated with the site are fielded regularly.



LEVEL 5

- At a level 5, the goal is to barely maintain a site within Town ordinances.
- Very little attention is given to aesthetics and cleanliness. Trash and debris removal programs are not scheduled and performed only when requested.
- Some trash or debris will more than likely be visible at all times.
- Sidewalks and paths are not maintained regularly.
- Safety concerns reported are attended to as time permits. All maintenance concerns are added to maintenance plan and scheduled when possible.
- Signage is kept at a minimum with some visible defects.
- Irrigation systems are not present.
- Trees and shrubs are given little to no attention unless safety concerns are presented. Plant stress will be noticed. Dead or diseased plant material will be present.
- There will be weeds present at the site with minimal, sporadic eradication programs in place.
- Some damage and graffiti will be visible for extended periods of time before maintenance crews can repair or replace as needed.
- These areas are relatively unused and calls from the community to report a maintenance concern or problem associated with the site are fielded periodically, usually from adjacent property owners.

APPENDIX D

2016 Resident Recreation Preference Survey

**TOWN OF QUEEN CREEK
PARKS AND RECREATION SURVEY**

July 2016

Prepared For
Town of Queen Creek

Prepared By



Behavior Research Center, Inc.
45 East Monterey Way
Phoenix, Arizona 85012
(602) 258-4554



TABLE OF CONTENTS

	Page
INTRODUCTION	1
KEY FINDINGS	3
SUMMARY OF THE FINDINGS	11
RECREATIONAL PARTICIPATION	11
EVALUATION OF QUEEN CREEK RECREATIONAL FACILITIES	14
NEED FOR ADDITIONAL RECREATION FACILITIES	15
PARK PREFERENCE – COMMUNITY VS. NEIGHBORHOOD	17
SPENDING PRIORITIES	18
FUNDING OPTIONS	19
APPENDIX	20
SURVEY QUESTIONNAIRE	21

LIST OF TABLES

TABLE 1: RECREATIONAL ACTIVITIES PARTICIPATED IN	12
TABLE 2: USE OF QUEEN CREEK PARKS/RECREATION FACILITIES	13
TABLE 3: USE OF PARKS/RECREATION FACILITIES OUTSIDE QUEEN CREEK	13
TABLE 4: EVALUATION OF QUEEN CREEK RECREATION FACILITIES	14
TABLE 5: NEED FOR ADDITIONAL RECREATIONAL FACILITIES IN QUEEN CREEK	15
TABLE 6: OTHER FACILITIES NEEDED	16
TABLE 7: PARK PREFERENCE – COMMUNITY VS. NEIGHBORHOOD	17
TABLE 8: SPENDING PRIORITIES	18
TABLE 9: FUNDING OPTIONS	19

INTRODUCTION

This study was commissioned by PLAN*et Communities, PLLC on behalf of its client, the Town of Queen Creek to aid in the development of a Parks, Recreation and Trails Master Plan. The primary purpose of this effort was to gather residents' input on current and future parks and recreation needs.

The information contained in this report is based on 400 telephone interviews conducted with Queen Creek heads of household. Household selection on this project was accomplished via a computer-generated pure unweighted (EPSEM) random digit dial telephone sample which selects households on the basis of telephone prefix. This method was used because it ensures a randomly-selected sample of area households proportionately allocated throughout the sample universe. This method also ensures that all unlisted and newly listed telephone households are included in the sample. Both landlines and cell telephones were included in this research.

All of the interviewing on this project was conducted in July 2016 at the Center's computer-assisted telephone interviewing (CATI) facility, where each interviewer worked under the direct supervision of BRC supervisory personnel. All of the interviewers who worked on this project were professional interviewers of the Center. Each had prior experience with BRC and received a thorough briefing on the particulars of this study. During the briefing, the interviewers were trained on (a) the purpose of the study, (b) sampling procedures, (c) administration of the questionnaire and (d) other project-related factors. In addition, each interviewer completed a set of practice interviews to ensure that all procedures were understood and followed.

Interviewing on this study was conducted during an approximately equal cross-section of late afternoon, evening and weekend hours. This procedure was followed to further ensure that all residents were equally represented, regardless of work schedules. Further, during the interviewing segment of this study, up to five separate attempts -- on different days and during different times of day -- were made to contact each selected resident. Only after five unsuccessful attempts was a selected resident substituted in the sample. Using this methodology, the full sample was completed and partially completed interviews were not accepted nor counted toward fulfillment of the total sample quotas.

All surveys are subject to sampling error. Sampling error, stated simply, is the difference between the results obtained from a sample and those which would be obtained by surveying the entire population under consideration. The size of sampling error varies to some extent with the number of interviews completed and with the division of opinion on a particular question.

An estimate of the sampling error range for this study is provided in the following table. The sampling error presented in the table has been calculated at the confidence level most frequently used by social scientists, the 95 percent level. The sampling error figures shown in the table are average figures that represent the maximum error for the sample bases shown (i.e., for the survey findings where the division of opinion is approximately 50%/50%). Survey findings that show a more one-sided distribution of opinion, such as 70%/30% or 90%/10%, are usually subject to slightly lower sampling tolerances than those shown in the table.



As may be seen in the table, the overall sampling error for this study is approximately +/- 5.0 percent when the sample is studied in total (i.e., all 400 cases). However, when subsets of the total samples are studied, the amount of sampling error increases based on the sample size within the subset.

<u>Sample Size</u>	<u>Approximate Sampling Error At A 95% Confidence Level (Plus/Minus Percentage Of Sampling Tolerance)</u>
400	5.0%
300	5.8
200	7.1
100	10.0

The Behavior Research Center has presented all of the data germane to the basic research objectives of the project. However, if Town management requires additional data retrieval or interpretation, we stand ready to provide such input.

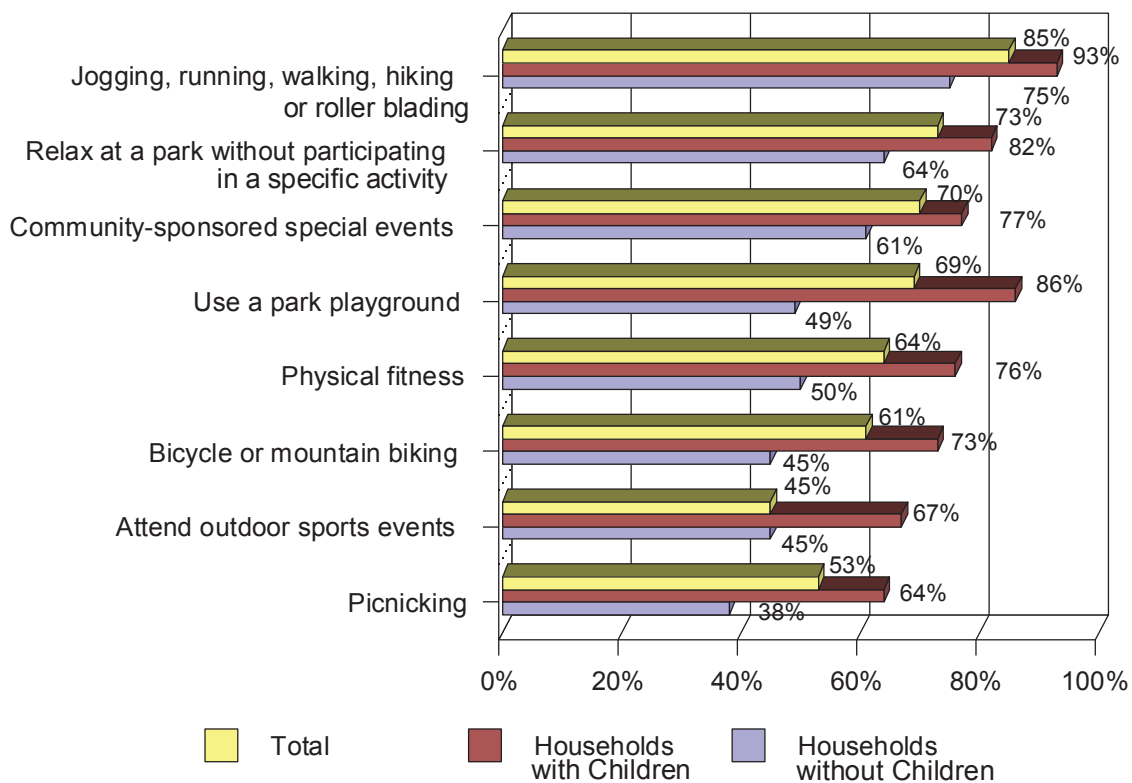
BEHAVIOR RESEARCH CENTER

KEY FINDINGS

RECREATIONAL PARTICIPATION (TABLES 1-3)

When Queen Creek residents were asked to indicate how frequently, if ever, members of their household had participated in each of 26 selected recreational activities in the past year, a majority indicated past participation in eight of the activities tested. None of the remaining activities except for swimming at a public/community pool (42%) and splash pads (42%) received a reading over 31 percent. As might be expected, households with children reveal higher participation than those without children.

TOP EIGHT ACTIVITIES PARTICIPATED IN

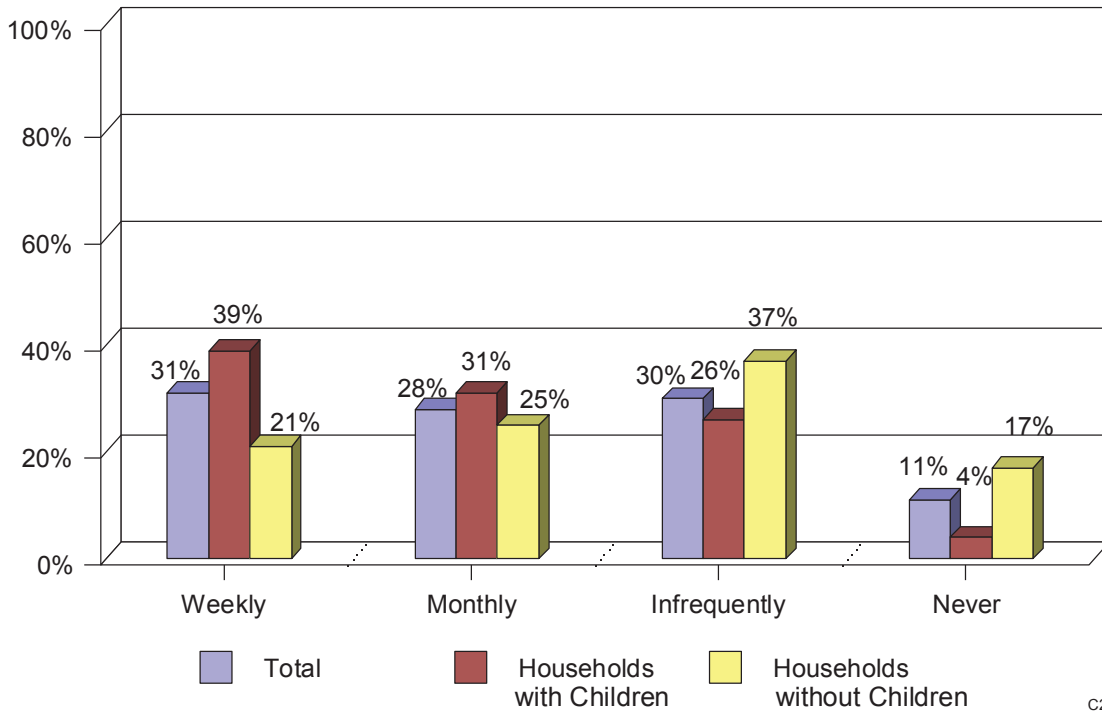


C1



Thirty-one percent of households use the Town's parks and recreation facilities weekly (17% several times a week, 14% once a week) while 28 percent use them monthly, 30 percent infrequently (23% several times a year, 7% once a year) and 11 percent never. Again, households with children report the highest use.

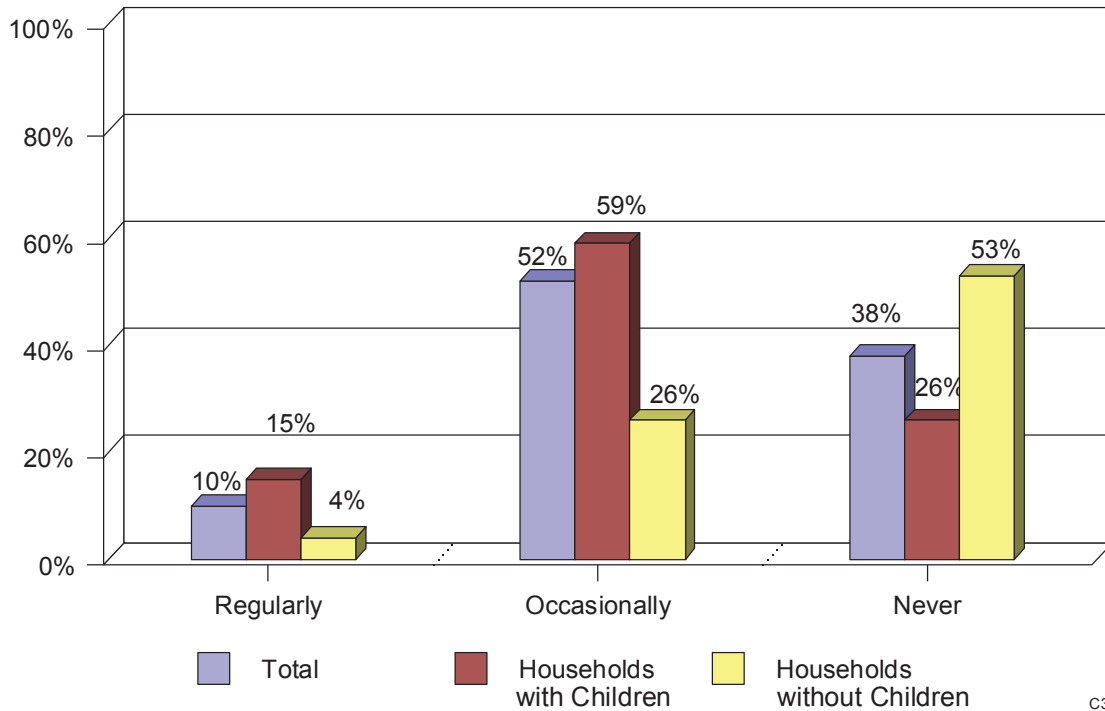
USE OF QUEEN CREEK PARKS/RECREATION FACILITIES



C2

Ten percent of households use parks and recreation facilities located in communities other than Queen Creek on a regular basis, while 52 percent do so occasionally.

USE OF PARKS/RECREATION FACILITIES OUTSIDE QUEEN CREEK



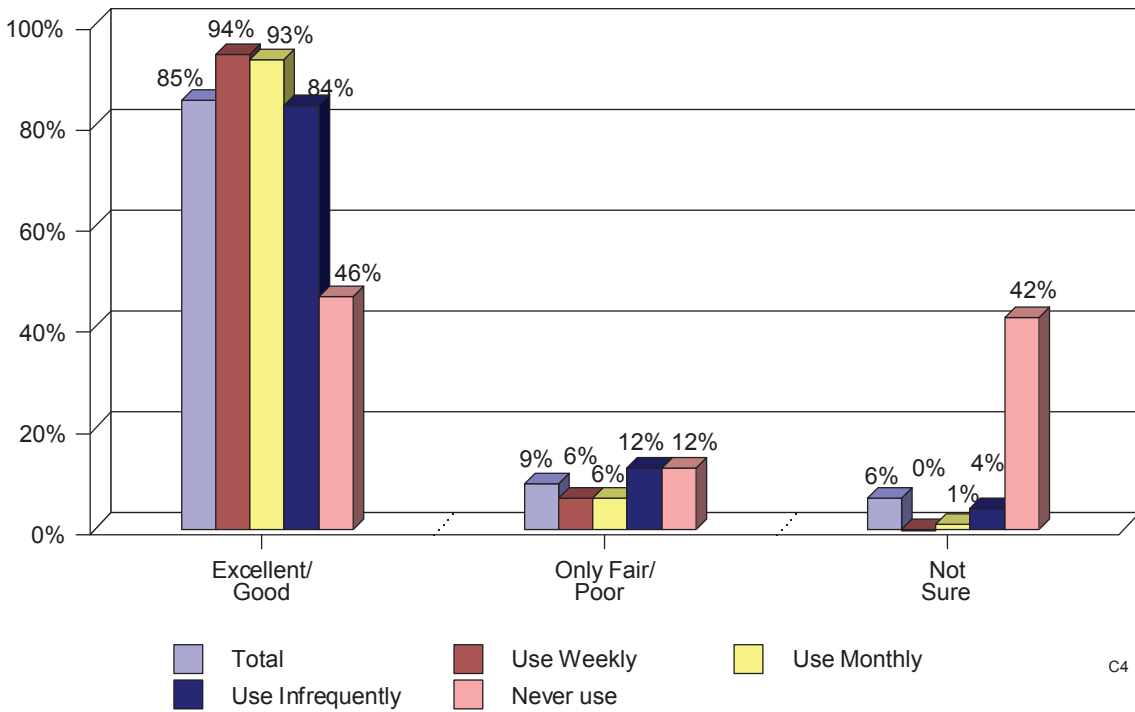
c3



EVALUATION OF QUEEN CREEK RECREATIONAL FACILITIES (TABLE 4)

Eighty-five percent of Queen Creek residents rate the Town's recreational facilities in positive terms (37% excellent, 48% good) while seven percent rate them as only fair and two percent poor. Note that the highest positive readings are recorded by frequent park users.

EVALUATION OF QUEEN CREEK RECREATIONAL FACILITIES



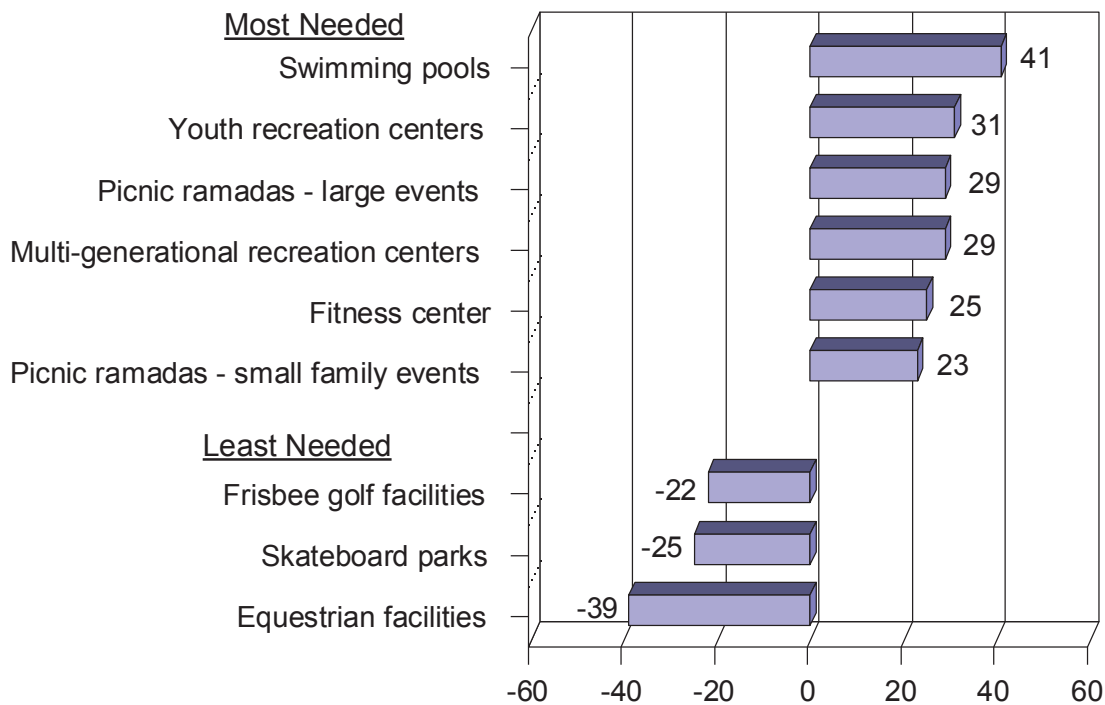
c4

NEED FOR ADDITIONAL RECREATION FACILITIES (TABLES 5-6)

When residents were asked to indicate if they felt Queen Creek needed more of 26 specific recreational facilities, 13 of the facilities tested generate positive Net Need More readings (Need More minus Has Enough) and 13 generate negative Net Need More readings. Generating the highest positive readings are six facilities with readings of +23 or more. On the flip side, three facilities generate negative readings of -22 or more.

NEED FOR ADDITIONAL RECREATIONAL FACILITIES IN QUEEN CREEK

(NET NEEDS MORE)



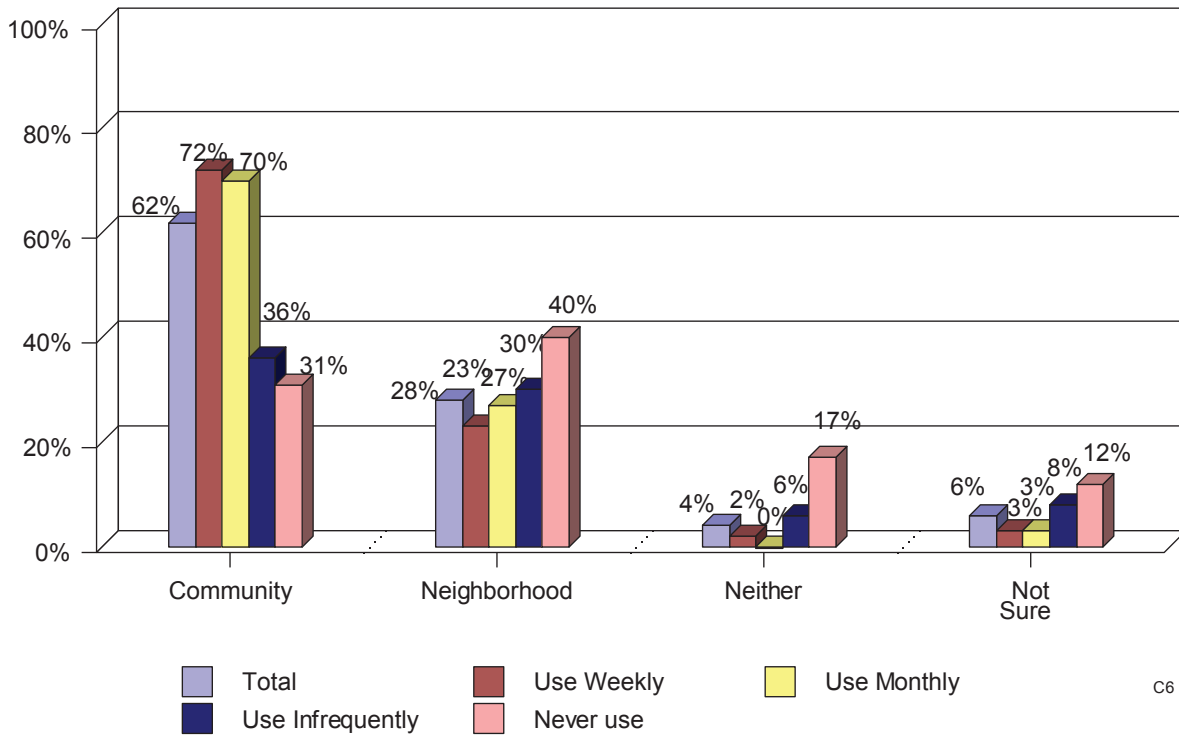
C5



PARK PREFERENCE – COMMUNITY VS. NEIGHBORHOOD (TABLE 7)

By better than a two-to-one margin, residents would prefer to see more community parks (62%) than neighborhood parks (28%) in Queen Creek. This is particularly the case among heavy park users.

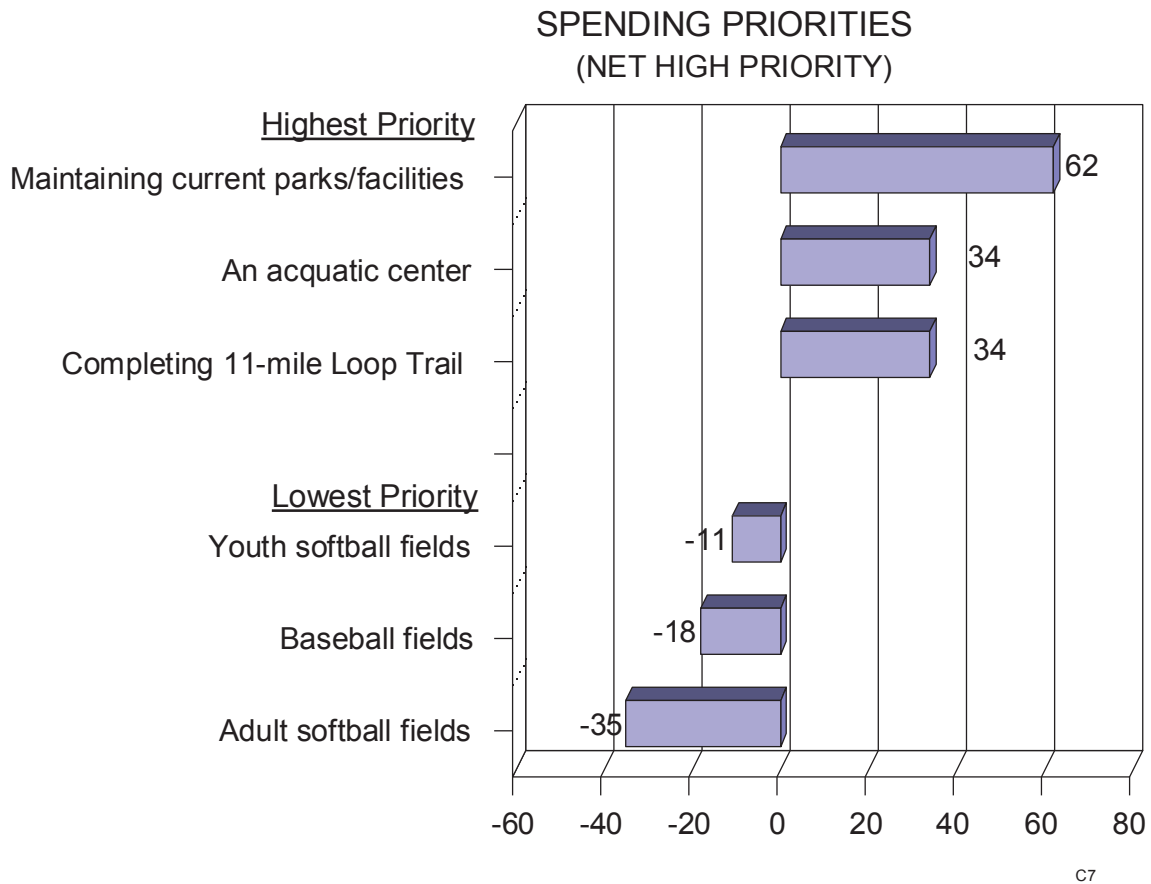
**PARK PREFERENCE --
COMMUNITY VS. NEIGHBORHOOD**



c6

SPENDING PRIORITIES (TABLES 8)

Residents were asked how much spending priority they would give each of 15 aspects of parks and recreation in Queen Creek. This line of questioning reveals that 12 of the priorities receive positive Net High Priority readings (Very High/High minus Low/Very Low) with three of these priorities receiving readings of +34 or more: 1) maintaining existing parks and facilities (+62); 2) aquatic center (+34), and; 3) completing the 11-mile Loop Trail (+34). Receiving the lowest priority readings are 1) adult softball fields (-35); 2) baseball fields (-18), and; 3) youth softball fields (-11).





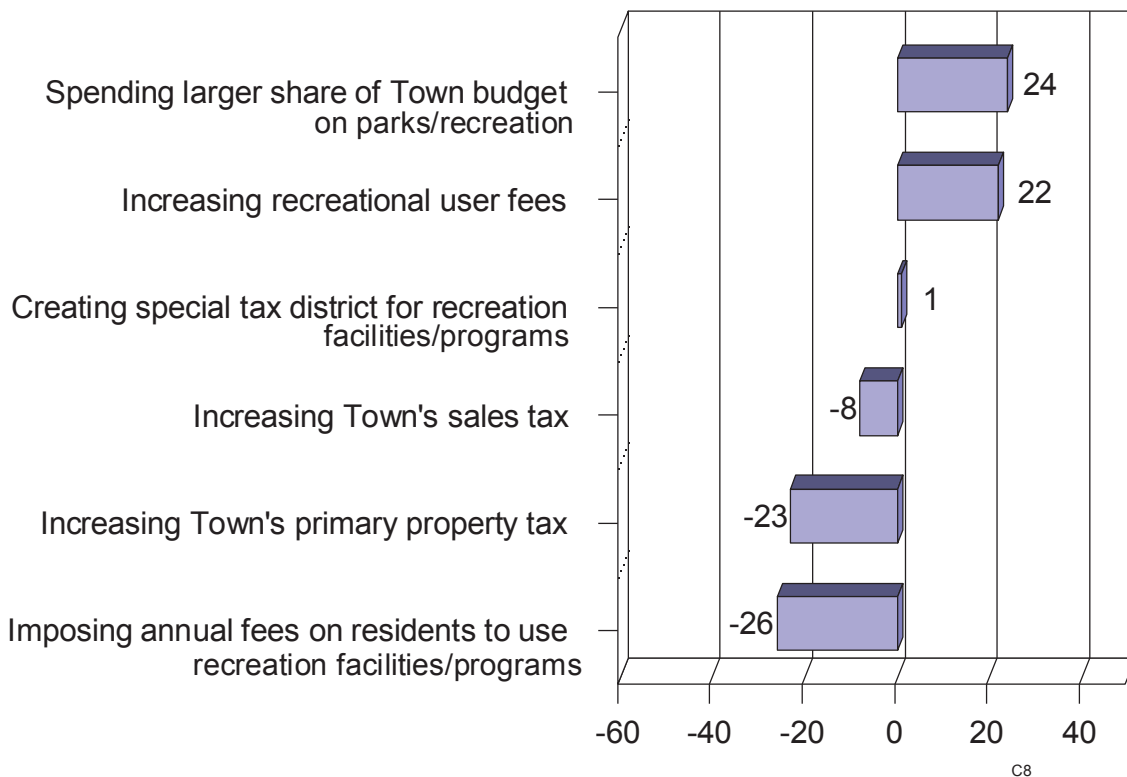
FUNDING OPTIONS (TABLE 9)

Two parks and recreation funding options receive the highest overall support and highest Net Support when residents are probed on their support or opposition to six possible options:

- Spending a larger share of the Town of Queen Creek budget on parks and recreation (+24 with 54% overall support)
- Increasing the fees that people pay to use Town of Queen Creek's recreational facilities and programs (+22 with 55% overall support)

Receiving the least support among residents are: 1) imposing an annual fee on residents to use recreational facilities and programs (-26), and; 2) increasing the Town's primary property tax to fund recreational facilities and programs (-23).

**FUNDING OPTIONS
(NET SUPPORT)**



SUMMARY OF THE FINDINGS

RECREATIONAL PARTICIPATION

Queen Creek residents were asked to indicate how frequently, if ever, members of their household had participated in each of 26 selected recreational activities in the past year. As may be seen on Table 1, a majority of residents indicate past participation in eight of the activities tested:

- Jogging, running, walking, hiking or roller blading (85%)
- Relax at a park without participating in a specific activity (73%)
- Community-sponsored special events (70%)
- Use a park playground (69%)
- Physical fitness (64%)
- Bicycle or mountain biking (61%)
- Attend outdoor sports events (56%)
- Picnicking (53%)

Those activities which reveal the highest “regular” use in the past year are:

- Jogging, running, walking, hiking or roller blading (47%)
- Physical fitness (34%)
- Use a park playground (28%)
- Bicycle or mountain biking (26%)
- Relaxing at a park without participating in a specific activity (20%)

The following table also reveals that, as might be expected, households with children report higher participation levels than empty nester households in every activity area studied.



TABLE 1: RECREATIONAL ACTIVITIES PARTICIPATED IN

“To begin, I'd like to read you a list of recreation activities. As I do, please just tell me if in the past year you or other members of your household participated in each regularly, occasionally or never.”

	% PARTICIPATING IN ACTIVITY			ANY PARTICIPATION ¹		
	Regularly	Occasionally	Never	TOTAL	Have Children Under 18	No Children Under 18
Jogging, running, walking, hiking or roller blading	47%	38%	15%	85%	93%	75%
Relax at a park without participating in a specific activity	20	53	27	73	82	64
Community-sponsored special events	15	55	30	70	77	61
Use a park playground	28	41	31	69	86	49
Physical fitness	34	30	36	64	76	50
Bicycle or mountain biking	26	35	39	61	73	45
Attend outdoor sports events	17	39	44	56	67	45
Picnicking	8	45	47	53	64	38
Swimming at a public or community pool	15	27	58	42	56	24
Splash pads	14	28	58	42	56	22
Equestrian events	7	24	69	31	32	29
Basketball	8	22	70	30	40	17
Leisure programs such as an art or dance class	7	22	71	29	35	22
Soccer	11	17	72	28	41	11
Baseball	8	19	73	27	37	14
Dog parks	7	17	76	24	29	19
Football or rugby	9	13	78	22	30	13
Volleyball	5	15	80	20	28	10
Horseback riding	8	11	81	19	20	18
Skateboarding	4	14	82	18	28	6
Teen programs	5	12	83	17	26	7
Frisbee golf	3	12	85	15	19	10
Youth softball	5	6	89	11	17	4
Tennis	2	9	89	11	14	7
Adult softball	2	8	90	10	12	8
BMX racing	2	4	94	6	8	5

¹ Regularly + Occasionally
~~~~~



Continuing with this line of questioning, we find that 31 percent of households use the Town’s parks and recreation facilities weekly (17% several times a week, 14% once a week) while 28 percent use them monthly, 30 percent infrequently (23% several times a year, 7% once a year) and 11 percent never. Again, as might be expected, households with children report the highest use.

**TABLE 2: USE OF QUEEN CREEK PARKS/ RECREATION FACILITIES**

“How often, if ever, do you or other members of your household use Queen Creek parks and recreation facilities?”

|                       | HAVE CHILDREN UNDER 18 |      |      |
|-----------------------|------------------------|------|------|
|                       | TOTAL                  | Yes  | No   |
| Several times a week  | 17%                    | 20%  | 12%  |
| Once a week           | 14                     | 19   | 9    |
| Several times a month | 28                     | 31   | 25   |
| Several times a year  | 23                     | 23   | 23   |
| Once a year           | 7                      | 3    | 14   |
| Never                 | 11                     | 4    | 17   |
|                       | 100%                   | 100% | 100% |

~~~~~

The study data also reveals that ten percent of households use parks and recreation facilities located in communities other than Queen Creek on a regular basis, while 52 percent do so occasionally. Households with children report the highest outside use.

TABLE 3: USE OF PARKS/RECREATION FACILITIES OUTSIDE QUEEN CREEK

“And how often do you or other members of your household use parks and recreation facilities located in communities other than Queen Creek – regularly, occasionally or never?”

	HAVE CHILDREN UNDER 18		
	TOTAL	Yes	No
Regularly	10%	15%	4%
Occasionally	52	59	43
Never	38	26	53
	100%	100%	100%

~~~~~



**EVALUATION OF QUEEN CREEK RECREATIONAL FACILITIES**

Eighty-five percent of Queen Creek residents rate the Town’s recreational facilities in positive terms (37% excellent, 48% good). In comparison, seven percent rate them as only fair and two percent poor. Also note that the highest positive readings are recorded by households with children, newer residents and frequent park users.

**TABLE 4: EVALUATION OF QUEEN CREEK RECREATION FACILITIES**

“Would you rate the quality of Queen Creek recreation facilities as excellent, good, only fair or poor overall?”

|                                          | Excel-<br>lent | Good | Only<br>Fair | Poor | Not<br>Sure | TOTAL<br>POSITIVE <sup>1</sup> |
|------------------------------------------|----------------|------|--------------|------|-------------|--------------------------------|
| <u>TOTAL</u>                             | 37%            | 48%  | 7%           | 2%   | 6%          | 85%                            |
| <u>HAVE CHILDREN<br/>UNDER 18</u>        |                |      |              |      |             |                                |
| Yes                                      | 37             | 52   | 7            | 1    | 3           | 89                             |
| No                                       | 38             | 44   | 6            | 2    | 10          | 82                             |
| <u>LENGTH OF<br/>RESIDENCE</u>           |                |      |              |      |             |                                |
| Under 5 years                            | 47             | 43   | 5            | 0    | 5           | 90                             |
| 5 to 9 years                             | 36             | 55   | 4            | 1    | 4           | 91                             |
| 10 years or over                         | 33             | 47   | 10           | 3    | 7           | 80                             |
| <u>USE OF QUEEN<br/>CREEK FACILITIES</u> |                |      |              |      |             |                                |
| Weekly                                   | 48             | 46   | 6            | 0    | 0           | 94                             |
| Monthly                                  | 39             | 54   | 6            | 0    | 1           | 93                             |
| Infrequently                             | 34             | 50   | 9            | 3    | 4           | 84                             |
| Never                                    | 12             | 34   | 4            | 8    | 42          | 46                             |

<sup>1</sup>Excellent + Good  
~~~~~

NEED FOR ADDITIONAL RECREATION FACILITIES

Residents were asked to indicate if they felt Queen Creek needed more of 26 specific recreational facilities. Here we find that 13 of the facilities tested generate positive Net Need More readings and 13 generate negative Net Need More readings. Generating the highest positive readings are six facilities with readings of +23 or more.

- Swimming pools (+41)
- Youth recreation centers (+31)
- Picnic ramadas for large events (+29)
- Multi-generational recreation center (+29)
- Fitness center (+25)
- Picnic ramadas for small family events (+23)

On the flip side, three facilities generate negative readings of -22 or more.

- Equestrian facilities (-39)
- Skateboarding parks (-25)
- Frisbee golf facilities (-22)

When reviewing response to this question, keep in mind that sizeable volumes of residents have no opinion on some of the items tested.

TABLE 5: NEED FOR ADDITIONAL RECREATIONAL FACILITIES IN QUEEN CREEK

“Next, do you feel Queen Creek needs more of the following types of recreational facilities, or does it already have enough of each?”

	Needs More	Has Enough	Not Sure	NET NEEDS MORE ¹		
				TOTAL	Have Children Under 18	No Children Under 18
Swimming pools	62%	21%	17%	41%	57%	20%
Youth recreation centers	52	21	27	31	34	30
Picnic ramadas for large events	55	26	19	29	33	22
Multi-generational recreational center	49	20	31	29	27	29
Fitness centers	52	27	21	25	35	10
Picnic ramadas for small family events	53	30	17	23	27	18
Community parks such as Desert Mountain Park and Founders Park which offer a variety of fields and recreation facilities	53	35	12	18	26	10
Splash pads	47	34	19	13	19	6
Senior recreation centers	35	24	41	11	1	25
Places to relax at the park without participating in a specific activity	47	40	13	7	3	13
Walking, jogging and hiking trails	47	41	12	6	0	12
Tennis courts	34	31	35	3	12	-7
Mountain biking trails	38	36	26	2	2	3

(Continued)



(CONT.) TABLE 5: NEED FOR ADDITIONAL RECREATIONAL FACILITIES IN QUEEN CREEK

	Needs More	Has Enough	Not Sure	NET NEEDS MORE ¹		
				TOTAL	Have Children Under 18	No Children Under 18
Neighborhood parks such as Tot Lot or Half Court which only offer one or two recreation centers	33%	39%	28%	-6	-10	-9
Volleyball courts	30	36	34	-6	-5	-8
Basketball courts	30	42	28	-8	-14	-9
Dog parks	31	41	28	-10	-17	-2
BMX bike parks	23	33	44	-10	-10	-11
Football fields	29	40	31	-11	-4	-23
Adult softball fields	24	36	40	-12	-16	8
Youth softball fields	27	39	34	-12	-15	-7
Baseball fields	28	40	32	-12	-12	-12
Soccer fields	29	46	25	-17	-19	-16
Frisbee golf facilities	21	43	36	-22	-25	-20
Skateboarding parks	22	47	31	-25	-29	-20
Equestrian facilities	16	55	29	-39	-46	-29

¹Needs More minus Has Enough

When residents are asked if there are any other recreation facilities that the Town needs, 85 percent say no.

TABLE 6: OTHER FACILITIES NEEDED

“Besides the recreational facilities I just mentioned, are there any others that you feel Queen Creek needs more of?”

	TOTAL	HAVE CHILDREN UNDER 18	
		Yes	No
NONE	85%	84%	87%
Fishing lake/pond	3	3	2
Water park	3	4	1
Courts – badminton, pickle ball	2	1	2
Park amenities – drinking fountains, bathrooms	2	2	2
Golf course	1	1	2
Performing arts space	1	1	1
Bike lanes	1	2	1
Ice skating rink	1	1	1
All other with 1 response	3	3	3

Totals exceed 100% due to multiple responses

PARK PREFERENCE – COMMUNITY VS. NEIGHBORHOOD

By better than a two-to-one margin, residents would prefer to see more community parks (62%) than neighborhood parks (28%) in Queen Creek. This is particularly the case among heavy park users.

TABLE 7: PARK PREFERENCE – COMMUNITY VS. NEIGHBORHOOD

“Next, community parks are large parks like Founders Park or Desert Mountain Park while neighborhood parks are small local parks with limited facilities. Which of these two types of parks would you like to see more of in the Town of Queen Creek – community parks or neighborhood parks?”

	Community	Neighborhood	Neither	Not Sure
<u>TOTAL</u>	62%	28%	4%	6%
<u>HAVE CHILDREN UNDER 18</u>				
Yes	69	24	3	4
No	55	32	6	7
<u>LENGTH OF RESIDENCE</u>				
Under 5 years	60	35	1	4
5 to 9 years	67	27	4	2
10 years or over	61	25	7	7
<u>USE OF QUEEN CREEK FACILITIES</u>				
Weekly	72	23	2	3
Monthly	70	27	0	3
Infrequently	36	30	6	8
Never	31	40	17	12



SPENDING PRIORITIES

Residents were next asked how much spending priority they would give each of 15 aspects of parks and recreation in Queen Creek. This line of questioning reveals that 12 of the priorities receive positive Net High Priority readings with three of these priorities receiving readings of +34 or more: 1) maintaining existing parks and facilities (+62); 2) an aquatic center (+34), and; 3) completing the 11-mile Loop Trail (+34). Receiving the lowest priority readings are: 1) adult softball fields (-35); 2) baseball fields (-18), and; 3) youth softball fields (-11).

Also note that households with children give an aquatic center and community pool particularly high priority.

TABLE 8: SPENDING PRIORITIES

“Next, given the fact that the amount of money available for parks and recreation improvements is limited, how much spending priority do you feel each of the following aspects of parks and recreation should receive in Queen Creek – very high priority, high priority, moderate priority, low priority or very low priority?”

	NET HIGH PRIORITY ¹						TOTAL	Have Children Under 18	No Children Under 18
	Very High	High	Moderate	Low	Very Low	Not Sure			
Maintaining the parks and facilities we currently have	18%	48%	27%	2%	2%	3%	62	63	60
An aquatic center which is a pool complex that may include other amenities such as community and activity rooms, changing rooms and other swimming and fitness amenities	17	32	32	11	4	4	34	46	18
Completing the Queen Creek/ Sonoqui Wash 11-mile Loop Trail	15	32	29	10	3	11	34	31	36
Community pool which is a pool that may include slides and water buckets	11	34	33	14	4	4	27	42	10
Recreation center	8	31	38	15	2	6	22	24	18
Community parks	6	31	42	14	3	4	20	22	17
Festival or event-friendly park	7	27	47	13	2	4	19	16	18
Multi-use trails	6	28	42	16	2	6	16	17	13
Expanding recreation programs and services	5	26	48	13	3	5	15	18	10
Playgrounds	4	28	45	15	2	6	15	20	8
Multi-use fields for soccer and other ball sports	6	25	42	19	2	6	10	16	1
On street bike paths	7	25	37	20	4	7	8	12	4
Youth softball fields	4	14	43	26	3	10	-11	-16	-8
Baseball fields	3	12	42	29	4	10	-18	-18	-16
Adult softball fields	2	8	34	41	4	11	-35	-38	-33

¹Very High/High minus Low/Very Low

~~~~~

**FUNDING OPTIONS**

Two parks and recreation funding options receive the highest overall support and highest Net Support when residents are probed on their support or opposition to six possible options:

- Spending a larger share of the Town of Queen Creek budget on parks and recreation (+24 with 54% overall support)
- Increasing the fees that people pay to use the Town of Queen Creek’s recreational facilities and programs (+22 with 55% overall support)

Receiving the least support among residents are: 1) imposing an annual fee on residents to use recreational facilities and programs (-26), and; 2) increasing the Town’s primary property tax to fund recreational facilities and programs (-23).

TABLE 9: FUNDING OPTIONS

“Generally, there are several ways to raise money for public facilities. If it became necessary to raise additional money in order to fund improved parks and recreation facilities and programs in the Town of Queen Creek, would you support or oppose each of the following methods of doing so? In responding please be aware that none of the funding options I mention are being planned by Queen Creek, we are simply exploring residents’ opinions.”

|                                                                                                                                 | Support | Oppose | Not Sure | NET SUPPORT <sup>1</sup> |                        |                      |
|---------------------------------------------------------------------------------------------------------------------------------|---------|--------|----------|--------------------------|------------------------|----------------------|
|                                                                                                                                 |         |        |          | TOTAL                    | Have Children Under 18 | No Children Under 18 |
| Spending a larger share of the Town of Queen Creek budget on parks and recreation                                               | 54%     | 30%    | 16%      | 24%                      | 32%                    | 12%                  |
| Increasing the fees that people pay to use Town of Queen Creek’s recreational facilities and programs                           | 55      | 33     | 12       | 22                       | 20                     | 25                   |
| Creating a special tax district which can only be used for parks, recreation facilities and programs in the Town of Queen Creek | 44      | 43     | 13       | 1                        | 10                     | -8                   |
| Increasing Town of Queen Creek sales tax and designating the increase specifically for parks and recreation improvements        | 40      | 48     | 12       | -8                       | 0                      | -18                  |
| Increasing the Town of Queen Creek primary property tax to fund recreation facilities and programs                              | 31      | 54     | 15       | -23                      | -10                    | -39                  |
| Imposing an annual fee on residents to use the Town of Queen Creek’s recreational facilities and programs                       | 30      | 56     | 14       | -26                      | -15                    | -36                  |

<sup>1</sup>Support minus Oppose  
~~~~~



APPENDIX

SURVEY QUESTIONNAIRE

BEHAVIOR RESEARCH CENTER, INC.
 45 EAST MONTEREY WAY
 Phoenix, AZ 85012
 (602) 258-4554

TOWN OF QUEEN CREEK
 PARKS/RECREATION SURVEY
 July 2016

JOB ID 2016008

RDD VERSION

Hello, my name is _____ and I'm with the Behavior Research Center. We're conducting a survey among Queen Creek residents on parks and recreation in the community and I'd like to speak with you for a few minutes. The purpose of this survey is simply to seek your opinion on a variety of parks and recreation issues and there are no right or wrong answers to the questions.

(IF ASKED) The survey should take about 10 minutes.

A. Are you the (MALE/FEMALE) head of your household?

YES: CONTINUE NO: ASK TO SPEAK WITH MALE/FEMALE HEAD OF HOUSEHOLD, REINTRODUCE YOURSELF AND CONTINUE. IF NOT AVAILABLE, ARRANGE CALLBACK Male...1
 Female...2

B. Do you receive trash services from the Town of Queen Creek? (IF UNSURE: DO YOU PAY YOUR BILL ON THE TOWN OF QUEEN CREEK UTILITY BILL)?

 (CONTINUE) Yes...1
 (THANK & TERMINATE) No...2
 (THANK & TERMINATE) Don't know...3

C. Do you live in zip code 85142?

 (GO TO Q1) Yes...1
 (THANK & TERMINATE) No...2
 (THANK & TERMINATE) Don't know...3

CELL PHONE VERSION

Hello, my name is _____ and I'm with the Behavior Research Center. We're conducting a survey among Queen Creek residents on parks and recreation in the community and I'd like to speak with you for a few minutes. The purpose of this survey is simply to seek your opinion on a variety of parks and recreation issues and there are no right or wrong answers to the questions.

A. Are you the (MALE/FEMALE) head of your household?

YES: CONTINUE NO: THANK & TERMINATE Male...1
 Female...2

B. Do you receive trash services from the Town of Queen Creek? (IF UNSURE: DO YOU PAY YOUR BILL ON THE TOWN OF QUEEN CREEK UTILITY BILL)?

 (CONTINUE) Yes...1
 (THANK & TERMINATE) No...2
 (THANK & TERMINATE) Don't know...3

C. Do you live in zip code 85142?

 (GO TO Q1) Yes...1
 (THANK & TERMINATE) No...2
 (THANK & TERMINATE) Don't know...3

D. And are you currently driving or doing anything else that would make it unsafe for you to be on the phone?

IF YES: ARRANGE CALLBACK IF NO: GO TO Q1



APPENDIX

1. To begin, I'd like to read you a list of recreation activities. As I do, please just tell me if in the past year you or other members of your household regularly, occasionally or never participated in each. (READ EACH; ROTATE)

	Regularly	Occasionally	Never
A. Picnicking	1	2	3
B. Use a park playground	1	2	3
C. Attend outdoor sports events.....	1	2	3
D. Baseball	1	2	3
E. Jogging, running, walking, hiking or roller blading.....	1	2	3
F. Basketball	1	2	3
G. Tennis.....	1	2	3
H. Physical fitness.....	1	2	3
I. Soccer	1	2	3
J. Football or rugby.....	1	2	3
K. Swimming at a public or community pool	1	2	3
L. Skateboarding	1	2	3
M. Horseback riding.....	1	2	3
N. Bicycling or mountain biking.....	1	2	3
O. Volleyball	1	2	3
P. Leisure programs such as an art or dance class.....	1	2	3
Q. Equestrian events.....	1	2	3
R. Teen programs.....	1	2	3
S. BMX racing.....	1	2	3
T. Community-sponsored special events.....	1	2	3
U. Youth Softball	1	2	3
V. Relax at a park without participating in a specific activity.....	1	2	3
W. Splash pads	1	2	3
X. Dog parks	1	2	3
Y. Adult softball.....	1	2	3
Z. Frisbee golf.....	1	2	3

2. Next, would you rate the quality of Queen Creek parks and recreation facilities as excellent, good, only fair or poor overall?

- Excellent...1
- Good...2
- Only fair...3
- Poor...4
- Not sure...5

3. How often, if ever, do you or other members of your household use Queen Creek parks and recreation facilities? (READ EACH)

- Several times a week...1
- Once a week...2
- Several times a month...3
- Several times a year...5
- Once a year...6
- or Never...7

4. And how often do you or other members of your household use the parks and recreation facilities located in communities other than Queen Creek – regularly, occasionally or never?

- Regularly...1
- Occasionally...2
- Never...3

5. Next, do you feel the Town of Queen Creek needs more of the following types of recreational facilities or does it already have enough of each? (ROTATE)

	Needs More	Has Enough	Not Sure
A. Baseball fields	1	2	3
B. Community parks such as Desert Mountain Park and Founder's Park which offer a variety of fields and recreation facilities	1	2	3
C. Senior recreation centers	1	2	3
D. Walking, jogging and hiking trails	1	2	3
E. Soccer fields	1	2	3
F. Swimming pools	1	2	3
G. Neighborhood parks such as Tot Lot or Half Court which only offer one or two recreational facilities	1	2	3
H. Youth recreation centers	1	2	3
I. Basketball courts	1	2	3
J. Football fields	1	2	3
K. Volleyball courts	1	2	3
L. Youth softball fields	1	2	3
M. Tennis courts	1	2	3
N. Multi-generational recreational center	1	2	3
O. Fitness centers	1	2	3
P. Equestrian facilities	1	2	3
Q. Skateboarding parks	1	2	3
R. Mountain biking trails	1	2	3
S. BMX bike parks	1	2	3
T. Dog parks	1	2	3
U. Splash pads	1	2	3
V. Picnic Ramadas for large events	1	2	3
W. Picnic Ramadas for small family events	1	2	3
X. Places to relax at the park without participating in a specific activity	1	2	3
Y. Adult softball fields	1	2	3
Z. Frisbee golf facilities	1	2	3

5a. Besides the recreational facilities I just mentioned, are there any others that you feel the Town of Queen Creek needs more of? (LIST ALL MENTIONED)

6. Next, given the fact that the amount of money available for parks and recreation improvements is limited, how much spending priority do you feel each of the following aspects of parks and recreation should receive in Queen Creek – very high priority, high priority, moderate priority, low priority or very low priority? (ROTATE)

	Very High	High	Moderate	Low	Very Low	Not Sure
A. Maintaining the parks and facilities we currently have	1	2	3	4	5	6
B. Expanding recreation programs and services	1	2	3	4	5	6
C. Multi-use fields for soccer and other ball sports	1	2	3	4	5	6
D. Baseball fields	1	2	3	4	5	6
E. Youth softball fields	1	2	3	4	5	6
F. Festival or event-friendly park	1	2	3	4	5	6
G. Playgrounds	1	2	3	4	5	6
H. Multi-use trails	1	2	3	4	5	6
I. Community parks	1	2	3	4	5	6
J. An aquatic center which is a pool complex that may include other amenities such as community and activity rooms, changing rooms and other swimming and fitness amenities ..	1	2	3	4	5	6
K. Recreation center	1	2	3	4	5	6
L. Community pool which is a pool that may include slides and water buckets	1	2	3	4	5	6
M. On street bike paths	1	2	3	4	5	6
N. Completing the Queen Creek/ Sonoqui (SO-NO-KEY) Wash 11-mile Loop Trail	1	2	3	4	5	6
O. Adult softball fields	1	2	3	4	5	6



APPENDIX

7. Generally, there are several ways to raise money for public facilities. If it became necessary to raise additional money in order to fund improved parks and recreation facilities and programs in the Town of Queen Creek, would you support or oppose each of the following methods of doing so? In responding, Please be aware that none of the funding options I mention are being planned by Queen Creek, we are simply exploring residents' opinions. (ROTATE)

	<u>Support</u>	<u>Oppose</u>	<u>Not Sure</u>
A. Spending a larger share of the Town of Queen Creek budget on parks and recreation	1	2	3
B. Increasing the fees that people pay to use Town of Queen Creek's recreational facilities and programs	1	2	3
C. Increasing Town of Queen Creek sales tax and designating the increase specifically for parks and recreation improvements	1	2	3
D. Creating a special property tax District which can only be used for parks, recreational facilities and programs in the Town of Queen Creek.....	1	2	3
E. Increasing the Town of Queen Creek primary property tax to fund recreation facilities and programs	1	2	3
F. Imposing an annual fee on residents to use Town of Queen Creek's recreational facilities and programs	1	2	3

8. Next, community parks are large parks like Founders Park or Desert Mountain Park while neighborhood parks are small local parks with limited facilities. Which of these two types of parks would you like to see more of in the Town of Queen Creek – community parks or neighborhood parks?

- Community parks...1
- Neighborhood parks...2
- (DON'T READ) Neither...3
- (DON'T READ) Not sure...4

9. Now before I finish, I need a few pieces of information about yourself for classification purposes only. First, which of the following categories comes closest to your age? (READ EACH EXCEPT REFUSED)

- Under 35...1
- 35 to 49...2
- 50 to 64...3
- 65 or over...4
- Refused...5

10. Are there any individuals currently living in your household in the following age groups? (READ EACH/ MARK ALL THAT APPLY)

- Under 6 years old...1
- 6 to 12 years old...2
- 13 to 17 years old...3
- 65 or over...4

11. How long have you lived in Queen Creek? (CODE UNDER 1, 0)

YEARS: _____

Thank you, that completes this interview. We very much appreciate your help on this project. My supervisor may want to call you to verify that I conducted this interview so may I have your first name so that they may do so? (VERIFY PHONE NUMBER)

NAME: _____ PHONE #: _____

APPENDIX E

2016 Comparison Jurisdiction Study Conducted by PLAN-et

INTRODUCTION

To understand the types and amounts of parks and recreation facilities that would be needed in the future, comparable jurisdictions were identified by the Parks and Recreation Advisory Committee (PRAC) and surveyed regarding their recreation facilities and programs. The jurisdictions selected include Bentonville, AK, Garner, TX, Glendora, CA, Oro Valley, AZ, and Yukon, OK. These jurisdictions were selected based on their similarities to Queen Creek with regards to population, seasons (no hard winter), economy (with the exception of Bentonville, none of the jurisdictions are university towns or have a single major employer), income, education, development patterns, and topography. single major employer), income, education, development patterns, and topography.

The comparison jurisdiction study was conducted by PLAN-et in 2016, with the population at that time. The amenities at Mansel Carter Oasis Park were included in the comparison because it was in the design phase. This study is just one piece of information used to prepare recommended levels of service.

KEY INDICATORS

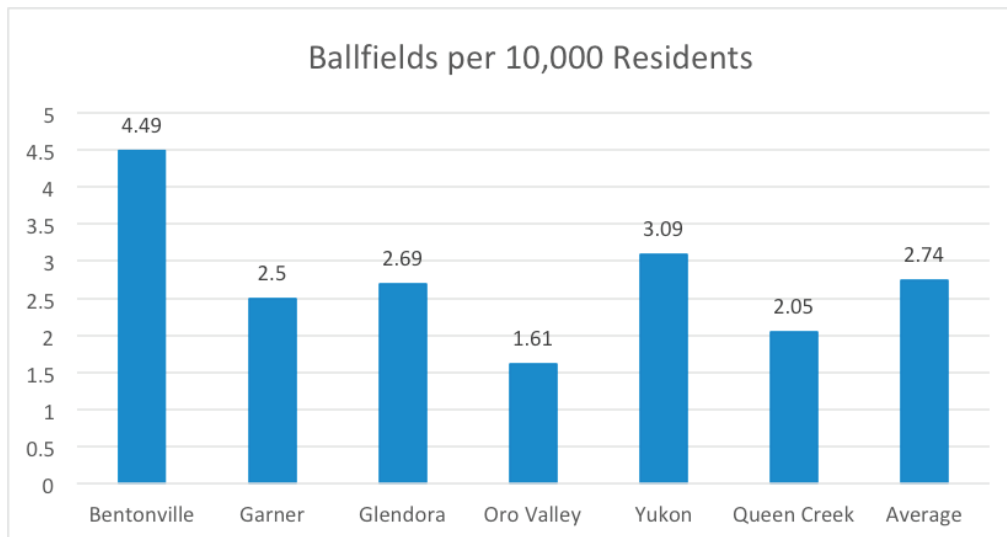
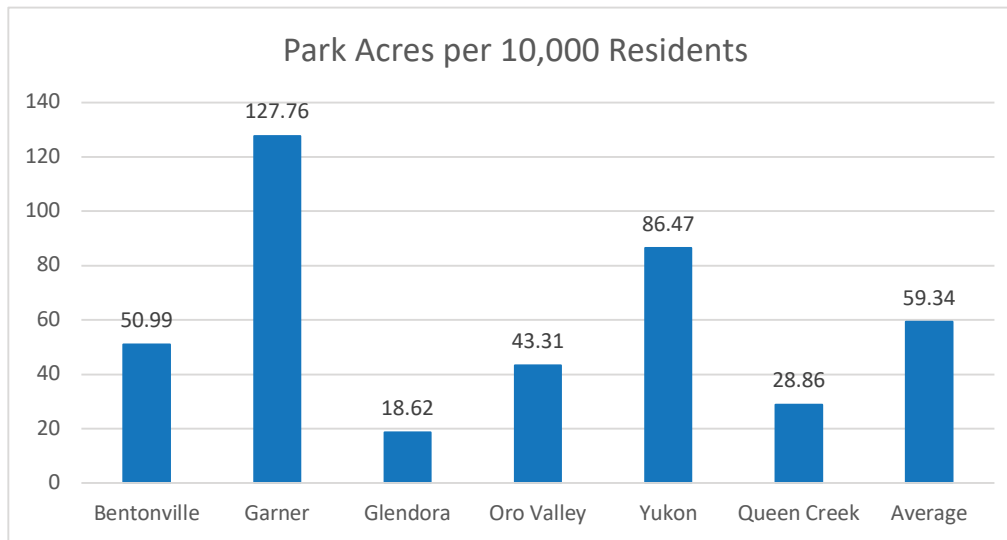
Generally, Queen Creek provides fewer recreation facilities per capita than the comparison jurisdictions. Facilities such as tennis courts, lakes, swimming pools, and community recreation centers that are operated in the comparison jurisdictions are not provided in Queen Creek. The Town provides a lower number of park acres per capita than all the comparison jurisdictions except Glendora, California. While large undeveloped open spaces and parks are not included in the acreage summaries, some of the comparison jurisdictions have larger open spaces that include developed parks with active recreation facilities and large natural areas.

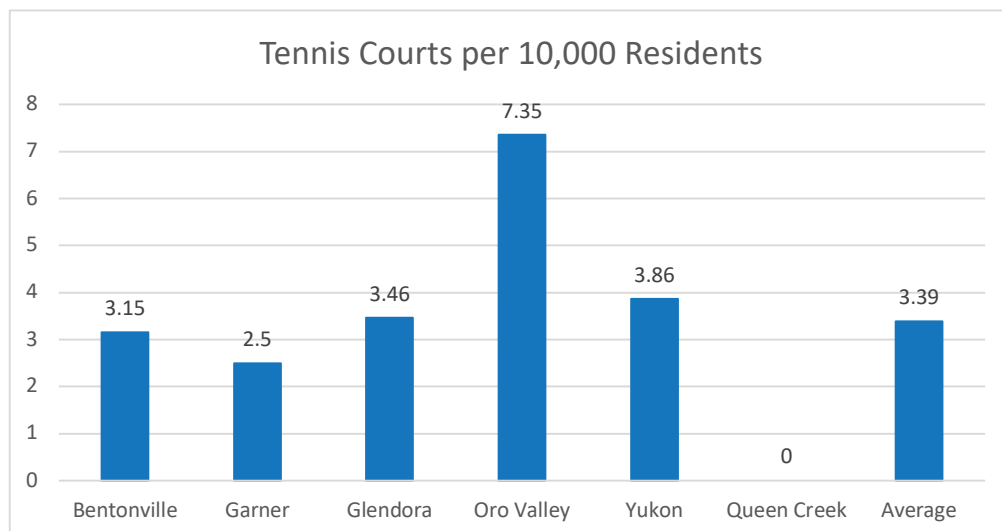
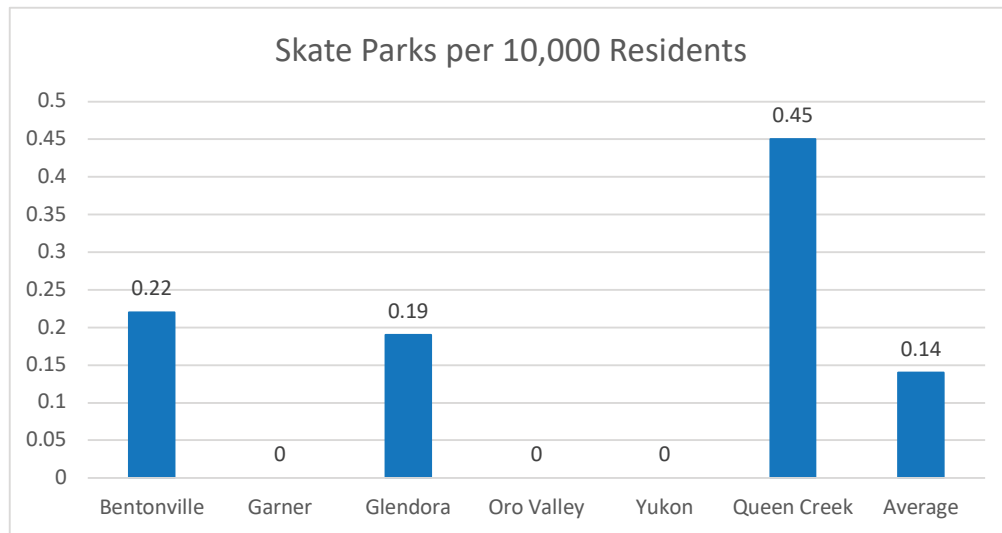
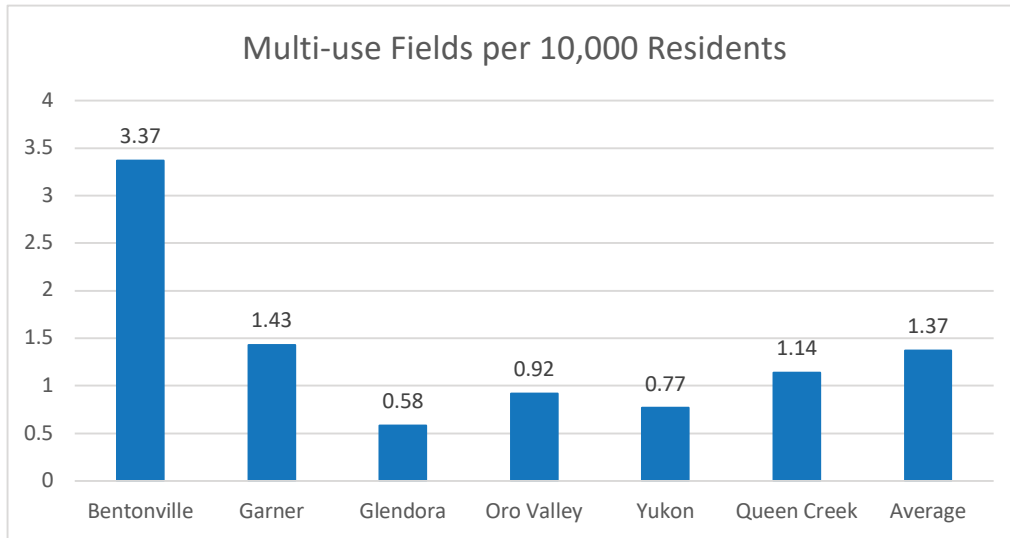
The comparison found that with regards to ballfields and multi-use fields, the Town provides a slightly lower level of service. PRAC recommended an increase to this level of service due to increasing sport league membership and leagues reporting a shortage of field space. Queen Creek has a high percentage of youth population in comparison to surrounding jurisdictions, and it is likely that the demand for these fields will continue to grow in the foreseeable future. The Town provides a high level of service with regards to equestrian facilities and skate parks.

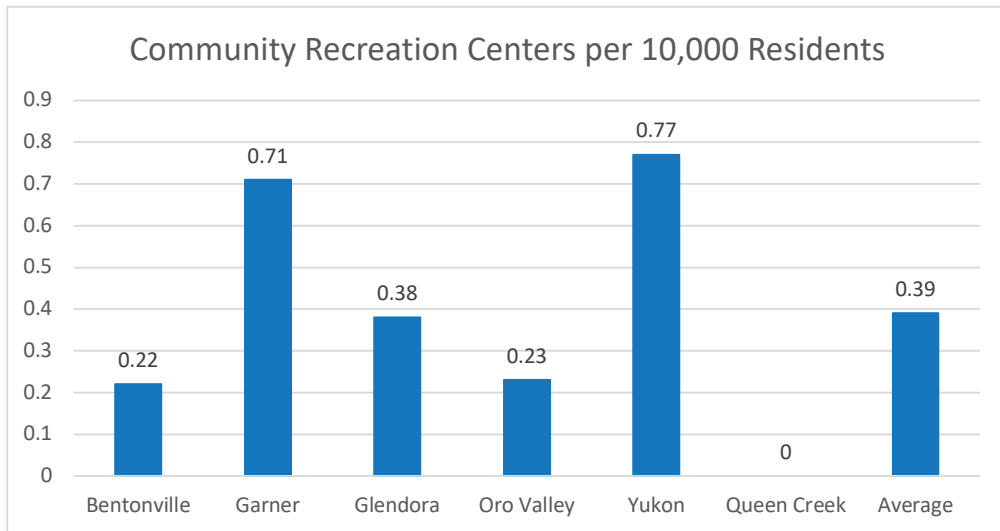
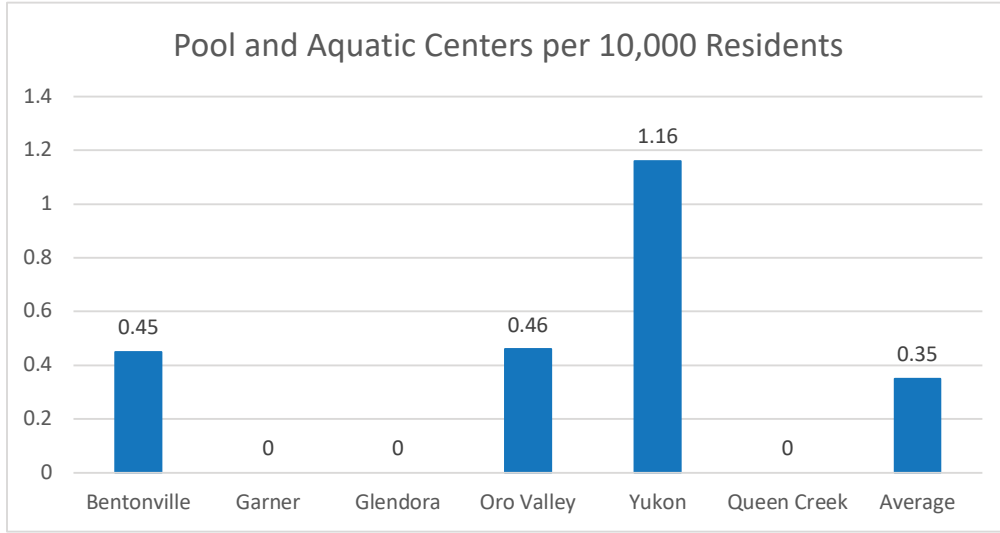
The Town of Queen Creek facilities per 10,000 residents reflect existing facilities and the facilities being constructed at Mansel Carter Oasis Park.



Recreation Amenities per 10,000 Residents							
Community	Parks Acres	Baseball/Softball Fields	Multi-use Fields	Skate Parks	Tennis Courts	Pool and Aquatics Centers	Community Recreation Centers
Bentonville	50.99	4.49	3.37	0.22	3.15	0.45	0.22
Garner	127.76	2.5	1.43	0	2.5	0	0.71
Glendora	18.62	2.69	0.58	0.19	3.46	0	0.38
Oro Valley	43.31	1.61	0.92	0	7.35	0.46	0.23
Yukon	86.47	3.09	0.77	0	3.86	1.16	0.77
Queen Creek	28.86	2.05	1.14	0.45	0	0	0
<i>Average</i>	<i>59.34</i>	<i>2.74</i>	<i>1.37</i>	<i>0.14</i>	<i>3.39</i>	<i>0.35</i>	<i>0.39</i>







APPENDIX F

Level of Service Recommendations

Recommended Level of Service (LOS) per 10,000 Residents					
Facility Type	Recommended LOS per 10,000 pop.	Current Inventory	Cumulative Total Needed		Rationale
			2018 - 2022	2023 - 2027	
Park Acres	40* (51**)	89	268* (342**)	352* (449**)	The Town currently provides the lowest number of park acres per 10,000 residents of all the comparison jurisdictions except Glendora, CA. The land owned by the Town can be used to meet some of the specialty and small park needs of the Town. However, land for an additional community park in the southeast portion of Queen Creek is needed.
Ballfields	3.58	9	24	32	The Town provides slightly less than the average baseball/softball fields per 10,000 residents in the comparison jurisdiction study. Ball leagues report increasing membership, and state that fields are in short supply. School fields are used for practice when available. Currently, fields are so tightly scheduled that when games are canceled due to weather or other reasons, these games cannot be rescheduled. Increasing the supply of fields will help to alleviate this shortage. With the exception of the Queen Creek Sports Complex site, and the addition of a proposed park in southeast Queen Creek, Town-owned land planned for parks is not configured for lighted ballfields.
Basketball Courts	1.76	6	12	16	Basketball courts were not identified as a need in the survey or at community meetings. This plan recommends maintaining the current LOS.
Tennis/Pickleball Courts	2.50	0	17	22	The Town has no public tennis courts or tennis clubs with the exception of eight courts located at Queen Creek High School. Tennis courts were among the top 10 recreation facilities needed by survey respondents. Since the Town has no courts, the lowest level of service was identified. Should additional courts be needed, this level of service could be updated in the future. This plan projects 13 tennis/ pickleball courts (7 at the Queen Creek Sports Complex site and 6 at the proposed park site in southeast Queen Creek). To meet this level of service, the Town could work with schools to use courts during non-school hours or with private development to provide tennis or pickleball courts as a part of new development.
Multi-use Fields	1.41	5	10	12	The Town provides less than the average number of multi-use fields per 10,000 residents than the comparison jurisdictions. Soccer leagues continually report increasing membership and a need for additional fields. Additional multi-use fields could be developed through a partnership, or through reprogramming Founders' Park.
Volleyball Courts	1.16	4	8	10	30% of the survey respondents stated the Town needs more volleyball courts. Focus group participants stated the volleyball court was full all the time, and the Barney Sports Complex is used by a volleyball league. Arizona school sports participation rates over the past six years show that volleyball participation is consistent, and the American Volleyball Coaches Association states that as of 2015, Amateur Athletic Union Girls Volleyball (AAU) participation has increased, and has more participants than any other AAU team sport.
Dog Parks	0.29	1	2	2.5	The Town currently has one dog park. The dog park is well used. In the telephone survey, 31% of respondents said the Town needed more dog parks. In the park facilities survey, many respondents stated a dog park with a pond was desired. This plan recommends that the current level of service for dog parks be retained.
Splash Pads	0.23	2	1.5	2	With the construction of the Mansel Carter Oasis Park, the Town will have two splash pads. This will be the highest level of service provided by any of the comparison jurisdictions, the majority of comparison jurisdictions have at least one aquatic facility. No additional splash pads are envisioned for the Town within the time frame of this plan. This is reflected within the assigned level of service.
Skate Parks	0.20	2	1	2	Skate parks continue to grow as a popular amenity for the Town specifically with teen and young adult residents. The focus for the future is multi-discipline uses by constructing wheel friendly parks to include bikes, scooters, skateboards, etc.

* Transitional plan represents 40 acres per 10,000 residents. **Represents the ultimate goal of 51 acres per 10,000.



APPENDIX G

Park Types

Park Types and Attributes				
Park Type	Neighborhood Park	Community Park	Regional Park	Specialty Park
Size	<ul style="list-style-type: none"> Any privately owned park, of any size, is a neighborhood park 	<ul style="list-style-type: none"> 10 to 40 acres 	<ul style="list-style-type: none"> 40 acres and above 	<ul style="list-style-type: none"> Varies
Level of Service	<ul style="list-style-type: none"> Primary Service Area - 1/2 mile or within 15 minutes walking distance of home Secondary Service Area - Within 5 minute bicycle ride or ~.5-1 mile distance of home Service Area Goal – 90% of all homes at densities greater than 2 dwelling units/acre (du/ac) within ¼ mile of a neighborhood park 	<ul style="list-style-type: none"> Primary Service Area - 2 miles or: <ul style="list-style-type: none"> Within 5 minute drive from home Secondary Service Area - - Within 15 minute bicycle ride of home (2-3 miles) Accessible by transit within 20-30 minutes Service Area Goal: 75% of all homes within 2 miles of a community park 	<ul style="list-style-type: none"> Primary Service Area - 5 miles or: <ul style="list-style-type: none"> Within 10 minute drive from home Within 1/2 hour bicycle ride from home Accessible by transit within 30-40 minutes Service Area Goal: 80% of all homes within 5 miles of a regional park 	<ul style="list-style-type: none"> Varies depending on park

Park Types and Attributes				
Park Type	Neighborhood Park	Community Park	Regional Park	Specialty Park
Description	<ul style="list-style-type: none"> Privately developed, owned and maintained. Serves as a social and recreation focal point of a neighborhood. Within walking distance of homes. To maximize the benefit of this facility to the community, this type of park can be a stand-alone facility, an amenity associated with a trail or open space or located adjacent to an elementary school. 	<ul style="list-style-type: none"> Publicly owned and maintained. Social and recreational focal point for the community. Provide a variety of active, organized, scheduled, and passive recreation activities, events and tournaments. May include concessions. Located on publicly accessible collector streets and are accessible by public transportation, personal vehicle, paths, shared-use trails, bike lanes, and sidewalks. Community parks include the Mansel Carter Oasis Park, Desert Mountain Park, Founder's Park and planned parks in southeast and southwest Queen Creek. 	<ul style="list-style-type: none"> Publicly owned and maintained. Social and recreation focal point for the entire Town and the larger region. Provide a wide choice of active recreation facilities for regional and larger events, tournaments, and scheduled and unscheduled recreation activities. Include concession facilities. Located on arterial streets and accessible by all transportation modes. Queen Creek Sports Complex site is a regional park. 	<ul style="list-style-type: none"> Provided and managed by the Town or through a partnership with non-profit or private entities with unique expertise directly relevant to the specialty park. Unique or single-use facilities designed around a specific function or community asset. Specialty parks include Horseshoe Park & Equestrian Centre, and the planned Sossaman Cloud, Desert Wells Stage Stop, and San Marqui Parks.



Park Types and Attributes				
Park Type	Neighborhood Park	Community Park	Regional Park	Specialty Park
Facility Options	Where multiple park sites are provided in a single subdivision or within a master planned community, the program within each park should be varied to provide a range of recreation facilities.	Common elements such as restrooms, fields, courts, uniform signing and design should identify these parks as Town-owned facilities open to the public. Within each park, unique elements appropriate to the immediate area may be included.	These parks are highly accessible. Regional parks provide community park elements, so residents not within a service area of a community park can use a regional park for their community park needs.	The facilities in these parks are appropriate to the park, historic or cultural resources within the park, and the surrounding neighborhood.
Fields	If fields for team sports are provided, designated areas for on-street parking adjacent to the park should be provided.	30% or more of the total area of the park should be devoted to lighted sports fields.	60% or more of the total area of the park should be devoted to lighted sports fields.	None required. If fields are provided, lighting optional, depending on context, adjacent uses, and park resources.
Court	At least one (1) of the following: <ul style="list-style-type: none"> • Play Court • Basketball Court (may be 1/2 court in parks less than two (2) acres) • Tennis Court • Pickleball Court • Volleyball Court 	Include at least two (2) of the following types of lighted court: <ul style="list-style-type: none"> • Play Court • Basketball • Tennis Court • Pickleball Court • Volleyball Court 	Include at least two (2) of the following types of lighted court: <ul style="list-style-type: none"> • Play Court • Tennis Court • Basketball Court • Sports Court • Volleyball Court • Pickleball Court 	None required. If courts are provided, lighting optional, depending on context, adjacent uses, and park resources.

Park Types and Attributes				
Park Type	Neighborhood Park	Community Park	Regional Park	Specialty Park
Playgrounds/ Play Structures	At least one of the following (shall be varied between parks within a subdivision) <ul style="list-style-type: none"> Shaded multi-function play structure (age 2-5 years) Shaded multi-function play structure (age 5-12 years) 	A minimum of one each: <ul style="list-style-type: none"> Shaded play structure (age 2-5 years) Shaded play structure (age 5-12 years) 	A minimum of one each provided: <ul style="list-style-type: none"> Shaded play structure (age 2-5 years) Shaded play structure (age 5-12 years) 	Not required. As appropriate to the park.
Community Centers/ Multi-Generational Centers	None required.	None required. If appropriate, small (under 20,000 s.f.) multi-generation/fitness centers appropriate to the context and surrounding neighborhood.	Multi-generational center (min. 50,000 s.f.) with fitness center, community recreation rooms, and indoor court.	None required.
Ramadas/Picnic Areas	Picnic area/tables with shade ramada.	All ramadas shall have electric outlets with lights. <ul style="list-style-type: none"> Ramadas with family picnic areas (min. 4) located near amenities or unique features (min. 15'x15') Group ramadas (min. 2) located near amenities or unique features (min. 30'x20') 	All ramadas shall have electric outlets with lights. <ul style="list-style-type: none"> Ramadas with family picnic areas (min. 8) located near amenities or unique features (min. 15'x15') Group ramadas (min. 4) located near amenities or unique features (min. 30'x20') 	None required.



Park Types and Attributes				
Park Type	Neighborhood Park	Community Park	Regional Park	Specialty Park
Access and Parking	<ul style="list-style-type: none"> • Vehicular access from local street. • Designated on-street parking (for parks over 4 acres or parks with fields for team sports). • Access from paths or trails. 	<ul style="list-style-type: none"> • Vehicular access to the park from adjacent collector or arterial street • On-site, marked and striped stalls for motor vehicle parking. The number of parking spaces shall be determined based on park facilities and planned programming. • Parking area design as per Town ordinance. • Signed access and connections to trails, trailheads, paths and transit stops. 	<ul style="list-style-type: none"> • Vehicular access to the park from adjacent arterial street. • On-site, marked and striped stalls for motor vehicle parking. The number of parking spaces shall be determined based on park facilities and planned programming. • Parking area design as per Town ordinance. • Signed access and connections to trailheads and trails. 	<p>Access shall be appropriate to the park. The following shall be provided when practical and feasible:</p> <ul style="list-style-type: none"> • Signed connections to trails and trailheads • Vehicular access and on-site parking • Bicycle parking
Access Control	To be determined by HOA	<ul style="list-style-type: none"> • Special-use areas-fencing determined by the Recreation Division. • Gates at motor vehicle entry locations. • Safety/Access control fencing at fields and other appropriate locations. • Perimeter signs stating hours of operation and park use regulations. 	<ul style="list-style-type: none"> • Special-use areas-fencing determined by the Recreation Division. • Gates at motor vehicle entry locations. • Safety/Access control fencing at fields and other appropriate locations. • Perimeter signs stating hours of operation and park use regulations. 	<p>As appropriate to the park.</p> <ul style="list-style-type: none"> • Access should include gates at motor vehicle entry locations. • Perimeter signs stating hours of operation and park use regulations.

Park Types and Attributes				
Park Type	Neighborhood Park	Community Park	Regional Park	Specialty Park
Site Amenities	Trash receptacles	<ul style="list-style-type: none"> Permanent restroom (min. 1 per 20 acres) Drinking fountain (min. 1 at each restroom location) Benches (with shade) Trash receptacles 	<ul style="list-style-type: none"> Permanent restroom (min. 1 per 20 acres) Drinking fountain (min. 1 at each restroom location) Benches (with shade) Trash receptacles 	As appropriate to the park. Consider: <ul style="list-style-type: none"> Permanent restroom (Min. 1 per 20 acres) Drinking fountain Trash receptacles
Signing	<ul style="list-style-type: none"> Park name signs Maintenance contact signing 	<ul style="list-style-type: none"> Directional/operational/maintenance and safety contact/park rules signing Park name signs Facility identification signs 	<ul style="list-style-type: none"> Directional/operational/maintenance and safety contact/park rules signing Park name signs Facility identification signs 	<ul style="list-style-type: none"> Directional/operational/maintenance and safety contact/park rules signing Park name signs Interpretive signs
Site Lighting	None required	<ul style="list-style-type: none"> Dusk to dawn security lighting Lighting for all sport fields and court (optional) Lit directional/operational/maintenance and safety contact/park rules signing (optional) Lit restrooms (optional) Lit parking areas (in conformance with Town ordinance) 	<ul style="list-style-type: none"> Dusk to dawn security lighting Lighting for all sport fields and court Lit directional/operational/maintenance and safety contact/park rules signing Lit restrooms Lit walking paths Lit parking areas (in conformance with Town ordinance) 	As appropriate to the resource.



APPENDIX H

Parks & Recreation SWOT Analysis

STRENGTHS

- Youth sports programs are high-quality, affordable, and have high participation rates
- Strong partnerships with a long history of success
- Variety of special events and festivals; special events offer an opportunity for community engagement, local business marketing, community group participation
- Events and festivals offer something for all age groups, incomes, interests, abilities
- High utilization of parks
- Expanding trail system to serve pedestrians, equestrians, and bicyclists
- 11-mile loop trail with minimal at-grade crossings
- Majority of residents have access to parks and recreation facilities (town-owned or otherwise), measured by number of residents within walking distance (¼ mile) of a park, open space, or school
- Knowledgeable, passionate, talented staff
- Individual and group volunteerism in all aspects of programming
- The QC Recreation Annex serves as a hub for Town services and information
- Active involvement of volunteer groups, especially church groups
- Excellent park maintenance service levels
- Development code requires developers to build active park space into communities



WEAKNESSES

- During the Great Recession, building towards the approved 2007 Parks and Trails Master Plan was slowed, reducing the current levels of service to well below what was planned
- Current Recreation Annex was designed as a temporary space that will eventually convert to library space meaning the amenities in the facility were not designed for recreation classes/functions
- Limited Special Interest Class variety due to lack of instructors
- Lack of administrative space
- No multi-generational center
- No aquatics program or facility
- No indoor gym space; lacking basketball programs
- Lack of outdoor programming
- Lack of storage space
- Relatively low number of recreation staff
- Very little open space (not including San Tan Mountain Regional Park); all programmed
- Not enough variety in programming; especially Special Interest Classes
- Limited summer recreation programs for youth and adults
- Very limited adult sports opportunities
- Limited space for special interest classes
- Limited space for resident rental/use
- The Town does not have a dedicated funding source for parks/recreation construction (outside of impact fees), administration or maintenance

OPPORTUNITIES

- Queen Creek is a young, active community that values parks and recreation opportunities
- Create / enhance youth sports partnerships to help build portions of future parks. (i.e., soccer complex)
- Collaborative relationships with the school district for field, gym use
- Additional outdoor recreation classes held outdoors in park space during good weather



- Trained / skilled staff can assist to provide diverse Special Interest Classes programs
- Plan and build combined multi-generational and aquatic center for efficiency and cost recovery
- Working with developers/landowners to ensure trail easements for 11-mile loop trail
- Partner with local business owners to provide “snippet” classes for free or low-cost
- Enhanced partnership with the Boys and Girls Club to co-construct and/or co-build a recreation center
- Potential new specialty park in southeast area of Town that includes large amphitheater; complements agritainment district
- Apply for grants to improve park amenities, inclusiveness
- Design new parks for maximum activity and positive health outcomes
- Apply for grants/sponsorships to improve inclusivity of all future public spaces
- Add lighting to the trail system to increase potential hours of use
- Add bridges and tunnels to trail system to make for safer, more efficient travel
- Volunteer groups (churches, non-profits, etc.) can help to add or enhance areas within events to help with growth
- Lake at Mansel Carter Oasis Park offers new outdoor opportunities through AZ Game and Fish Urban Fishing Program

THREATS

- The community’s current need for growth in transportation and public safety pushes park development down the priority list
- Increased attendance at events continues to increase the cost of events due to additional supplies, resources, security, etc.
- Limited parking for special events and festivals
- Full implementation of the plan may require alternative funding sources
- Potential annexations could greatly increase population, increasing the strain on the park system while not providing impact fees to assist funding
- Limited space for current programming and lack of opportunity for new or expanding programming
- Cost of construction continues to grow as the economy improves
- Limited land available for purchase for future parks

THIS PAGE INTENTIONALLY LEFT BLANK.



TOWN OF QUEEN CREEK
QueenCreek.org
480-358-3000