

APPENDIX G: RENEWAL ANALYSIS DATA

Park Renewal

Longmont's parks and the amenities within them vary in age and condition. Parks require different levels of attention, based on the severity and degree of existing issues and use levels. The park renewal assessment relied on existing data available for Longmont's park sites, including the asset inventory/lifecycle analysis (which includes assessment of above ground assets as well as un-seen infrastructure such as irrigation), park usage, observed condition ratings, playground safety, and the amount of time passed since the most recent major investment. Forty-one sites with multiple data points were analyzed by dividing each data point into quartiles and identifying the sites that ranked highly relative to the rest of the system. The analysis relied upon the City's asset inventory/lifecycle analysis which is a work in progress and did not have data available for all sites, including McCall Lake, and many of the District Parks and Greenways. Consideration of the asset conditions at these sites may affect the ranking produced in this document and alter the outcome when factored in. This analysis includes the recreation facilities (such as fields, fencing, and structures) that support competitive play but not any buildings or pools present at the site (these are addressed in the next section). Based on the available data¹, the level of renewal need for parks range from low (Level 1) to high (Level 4).

- Level 1: These are sites that have no critical needs, such as those that have recently been built or renovated. 34% of City parks have no current critical need for renewal.
- Level 2: These are sites that showed at least one data point indicating a need for replacement of features at the park that have reached the end of their useful life. 36% of parks can be categorized as Level 2.
- Level 3: These are sites with multiple renewal issues (more than 2 data points) that should be addressed to avoid future problems. There are 20% of sites in this analysis category.
- Level 4: These are sites with nearly all indicators showing needs that should be addressed as soon as possible to avoid and correct failures of equipment and high priority safety and usability issues. 20% of Longmont's parks in this highest category.

¹ Does not include the parallel ADA assessment and prioritization under development at the time of this plan's completion.

While this analysis provides a way to differentiate the intensity of renewal needs at each site, it does not provide a priority order in which the City should address the needs. Other factors for consideration include the level of use of the site, how essential the site is to providing park enjoyment and use, and how much of the park is in need of renewal. In some cases a single amenity, such as a playground, may be at a Level 4 severity, but the park as a whole is at a lower level of severity. In addition, demographic factors should also play a role. For example, many of the sites with a higher need for renewal are located in areas with diverse socioeconomic characteristics or clustered so that one area of the city is impacted more than others. Other sites have few features which makes the data hinge on limited factors.

Updates

The tables in this appendix include the complete set of data analyzed for this analysis, the results of which appear in Chapter 2 of the Parks, Recreation and Trails Master Plan. Individual data points will continue to change as the City's assets age and investments are made to renew them. This appendix is a snapshot of the data and analysis as of the completion of the Plan. For updated information, please contact Parks and Natural Resources.

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| | % of Inventoried Assets that have failed or reached the end of their life cycle | % of Inventoried Assets that have less than 10 Years of useful life | Average Observed Condition Rating (MG) | Playground Condition | Recent Safety Index | Identified Irrigation System Issue* | Renewal Need |
|---------------------------|---|---|--|----------------------|---------------------|-------------------------------------|--------------|
| Neighborhood Parks | | | | | | | |
| Affolter | 24% | 48% | 1.7 | 89 | 3 | X | Level 4 |
| Alta | 33% | 33% | 1.5 | 37 | 1 | | Level 2 |
| Athletic Field | 20% | 60% | 1.0 | N/A | 1 | | Level 2 |
| Blue Skies | 3% | 42% | 1.0 | 19 | 1 | X | Level 2 |
| Carr | 22% | 30% | 1.4 | 75 | 3 | X | Level 2 |
| Collyer | 21% | 46% | 1.0 | N/A | 1 | X | Level 1 |
| Dawson | 42% | 27% | 1.4 | 53 | 3 | X | Level 2 |
| Flanders | 25% | 50% | 1.2 | N/A | 2 | X | Level 3 |
| Hover | 65% | 30% | 1.6 | 27 | 3 | X | Level 4 |
| Kanemoto | 32% | 35% | 1.4 | N/A | 1 | X | Level 3 |
| Kensington | 91% | 5% | 1.5 | 40 | 1 | X | Level 3 |
| Lanyon | 19% | 24% | 1.3 | 74 | 3 | X | Level 2 |
| Left Hand | 25% | 58% | 1.0 | 48 | 2 | | Level 3 |
| Loomiller | 35% | 41% | 1.3 | 77 | 1 | X | Level 3 |
| Pratt | 17% | 52% | 1.1 | N/A | 3 | | Level 2 |
| Price | | | 1.0 | N/A | 3 | | Level 4 |
| Raber | 30% | 70% | 2.0 | 121 | 3 | X | Level 4 |
| Rothrock Dell | 32% | 41% | 1.5 | 91 | 1 | X | Level 4 |
| Rough & Ready | 0% | 50% | 1.0 | N/A | 1 | X | Level 2 |
| Spangler | 33% | 33% | 2.0 | 30 | 3 | | Level 4 |
| Stephen Day | 17% | 23% | 1.0 | N/A | 1 | X | Level 1 |
| Sunset | 14% | 14% | 1.2 | 73 | 1 | | Level 1 |
| Thompson | 42% | 33% | 1.8 | 80 | 1 | X | Level 4 |
| Valley | 25% | 42% | 1.3 | 94 | 3 | | Level 3 |
| Willow Farm | 0% | 75% | 1.4 | N/A | 2 | | Level 3 |
| Community Parks | | | | | | | |
| Clark | 75% | 13% | 1.4 | 27 | 3 | X | Level 3 |
| Dry Creek | | | | N/A | 1 | | Level 1 |
| Garden Acres | 43% | 21% | 1.9 | 130 | 2 | X | Level 4 |
| Quail Campus | 25% | 25% | 1.4 | 6 | 1 | | Level 2 |
| Roosevelt | 22% | 33% | 1.1 | 73 | 2 | X | Level 2 |
| Sandstone Ranch | 9% | 82% | 1.1 | 23 | 1 | X | Level 2 |

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| | % of Inventoried Assets that have failed or reached the end of their life cycle | % of Inventoried Assets that have less than 10 Years of useful life | Average Observed Condition Rating (MG) | Playground Condition | Recent Safety Index | Identified Irrigation System Issue* | Renewal Need |
|--|---|---|--|----------------------|---------------------|-------------------------------------|-------------------|
| District Parks | | | | | | | |
| Golden Ponds (including Lychins Gulch) | 10% | 90% | 1.3 | 2 | X | | Level 2 |
| Jim Hamm | 0% | 63% | 1.0 | 1 | X | | Level 1 |
| Izaak Walton | 19% | 24% | 1.0 | 1 | | | Level 1 |
| McCall Lake | | | 1.0 | 3 | | | Level 1 |
| McIntosh Lake | | | 1.3 | 1 | | | Level 1 |
| Rogers Grove | 0% | 22% | 1.3 | 2 | X | | Level 1 |
| Sandstone Ranch | | | 1.0 | 1 | | | Level 1 |
| St. Vrain Greenway | | | | | | | Insufficient Data |
| Union Reservoir | | | 1.9 | N/A | 2 | | Level 2 |
| Other City Park Property | | | | | | | |
| Button Rock Reserve | | | | | | | Insufficient Data |
| Dog Park I (21st & Francis) | | | 2.0 | 1 | | | Level 2 |
| Dog Park II (Airport Rd.) | | | 2.0 | 1 | | | Level 2 |
| Dry Creek Park Undeveloped | | | | | | | Insufficient Data |
| Fox Meadows | | | | | | | Insufficient Data |
| Quail Campus Undeveloped | | | | | | | Insufficient Data |
| Sandstone Ranch (Phase 4) | | | | | | | Insufficient Data |
| Sandstone Ranch Undeveloped | | | | | | | Insufficient Data |
| Sisters | | | | | | | Insufficient Data |
| Wertman | | | | | | | Insufficient Data |
| West Grange | | | | | | | Insufficient Data |

*All irrigated sites will need upgraded water management system installed (existing system installed in 1997).
All raw water systems will need new State required flow monitoring to track usage.

| Summary by Renewal Need | Trigger Points | # of Parks |
|-------------------------|---|------------|
| Level 4 | Two or more elements in the highest quartile and a recent renewal rank of 2 or 3 | 8 |
| Level 3 | Up to two highest quartile elements with 3rd quartile elements | 8 |
| Level 2 | One element in the highest quartile or multiple 3rd quartile elements with a recent renewal rank of 2 or 3. | 15 |
| Level 1 | No element in the highest quartile, less than two in the 3rd quartile. | 10 |

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| | Life Cycle FAILED | Life Cycle LIFE CYCLE | Less than 5 yrs useful life | Less than 10 yrs useful life | Total Elements Assessed | % less than 5 yrs useful life | % less than 10 yrs useful life | % Failed | % Life Cycle | Playground Safety Issues (Priority 1) | Playground Safety Issues (Priority 2) | Playground Safety Issues (Priority 3) | Playground Safety Issues (Priority 4) | Playground Safety Index | Year Acquired | Year Developed or Major Investment | Recent Renewal Ranking |
|---------------------------|-------------------|-----------------------|-----------------------------|------------------------------|-------------------------|-------------------------------|--------------------------------|----------|--------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|-------------------------|---------------|------------------------------------|------------------------|
| Neighborhood Parks | | | | | | | | | | | | | | | | | |
| Affolter | 1 | 5 | 7 | 12 | 25 | 28% | 48% | 4% | 20% | 8 | 7 | 10 | 16 | 89 | 1973 | 1978 | 3 |
| Alta | 0 | 2 | 0 | 2 | 6 | 0% | 33% | 0% | 33% | 1 | 1 | 7 | 16 | 37 | 1915 | 1919, 1977, 2011 | 1 |
| Athletic Field | 2 | 0 | 3 | 6 | 10 | 30% | 60% | 20% | 0% | - | - | - | - | | 1999 | 1999, 2012 | 1 |
| Blue Skies | 0 | 1 | 0 | 13 | 31 | 0% | 42% | 0% | 3% | 0 | 0 | 4 | 11 | 19 | 2004 | 2006 | 1 |
| Carr | 1 | 5 | 8 | 8 | 27 | 30% | 30% | 4% | 19% | 4 | 10 | 10 | 9 | 75 | 1973 | 1978 | 3 |
| Collyer | 1 | 4 | 11 | 11 | 24 | 46% | 46% | 4% | 17% | - | - | - | - | | 1871 | 2003 | 1 |
| Dawson | 1 | 10 | 6 | 7 | 26 | 23% | 27% | 4% | 38% | 5 | 3 | 6 | 12 | 53 | 1981 | 1981 | 3 |
| Flanders | 1 | 3 | 4 | 8 | 16 | 25% | 50% | 6% | 19% | - | - | - | - | | 1994 | 1995 | 2 |
| Hover | 0 | 13 | 6 | 6 | 20 | 30% | 30% | 0% | 65% | 2 | 0 | 5 | 9 | 27 | 1983 | 1983 | 3 |
| Kanemoto | 6 | 4 | 4 | 11 | 31 | 13% | 35% | 19% | 13% | - | - | - | - | | 1966 | 1970, 1973, 2004 | 1 |
| Kensington | 0 | 20 | 0 | 1 | 22 | 0% | 5% | 0% | 91% | 1 | 3 | 9 | 9 | 40 | 1963 | 1974, 2008, 2009 | 1 |
| Lanyon | 1 | 3 | 0 | 5 | 21 | 0% | 24% | 5% | 14% | 4 | 4 | 16 | 14 | 74 | 1964 | 1966, 1977, 1980 | 3 |
| Left Hand | 1 | 5 | 7 | 14 | 24 | 29% | 58% | 4% | 21% | 0 | 2 | 11 | 20 | 48 | 1997 | 1998 | 2 |
| Loomiller | 3 | 3 | 2 | 7 | 17 | 12% | 41% | 18% | 18% | 10 | 3 | 6 | 16 | 77 | 1963 | 1963, 1997, 2007 (?) | 1 |
| Pratt | 2 | 2 | 7 | 12 | 23 | 30% | 52% | 9% | 9% | - | - | - | - | | 1972 | 1977 | 3 |
| Price | | | | | | | | | | - | - | - | - | | 1990 | | 3 |
| Raber | 0 | 3 | 4 | 7 | 10 | 40% | 70% | 0% | 30% | 19 | 7 | 7 | 10 | 121 | 1987 | 1987 | 3 |
| Rothrock Dell | 1 | 6 | 8 | 9 | 22 | 36% | 41% | 5% | 27% | 10 | 6 | 11 | 11 | 91 | 1973 | 1978, 2002, 2008 | 1 |
| Rough & Ready | 0 | 0 | 0 | 12 | 24 | 0% | 50% | 0% | 0% | - | - | - | - | | 2003 | 2006 | 1 |
| Spangler | 5 | 1 | 5 | 6 | 18 | 28% | 33% | 28% | 6% | 0 | 4 | 6 | 6 | 30 | 1990 | | 3 |
| Stephen Day | 2 | 3 | 0 | 7 | 30 | 0% | 23% | 7% | 10% | - | - | - | - | | 2003 | 2005 | 1 |
| Sunset | 1 | 0 | 1 | 1 | 7 | 14% | 14% | 14% | 0% | 9 | 3 | 12 | 4 | 73 | 1915 | 1923, 1955, 1964, 2011 | 1 |
| Thompson | 0 | 5 | 3 | 4 | 12 | 25% | 33% | 0% | 42% | 9 | 4 | 12 | 8 | 80 | 1871 | 1890's, 1960's, 2006(?) | 1 |
| Valley | 1 | 2 | 2 | 5 | 12 | 17% | 42% | 8% | 17% | 3 | 18 | 8 | 12 | 94 | 1985 | 1987 | 3 |
| Willow Farm | 0 | 0 | 5 | 9 | 12 | 42% | 75% | 0% | 0% | - | - | - | - | | 1996 | 1999 | 2 |

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| | Life Cycle FAILED | Life Cycle LIFE CYCLE | Less than 5 yrs useful life | Less than 10 yrs useful life | Total Elements Assessed | % less than 5 yrs useful life | % less than 10 yrs useful life | % Failed | % Life Cycle | Playground Safety Issues (Priority 1) | Playground Safety Issues (Priority 2) | Playground Safety Issues (Priority 3) | Playground Safety Issues (Priority 4) | Playground Safety Index | Year Acquired | Year Developed or Major Investment | Recent Renewal Ranking |
|--|-------------------|-----------------------|-----------------------------|------------------------------|-------------------------|-------------------------------|--------------------------------|----------|--------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|-------------------------|------------------|------------------------------------|------------------------|
| Community Parks | | | | | | | | | | | | | | | | | |
| Clark | 0 | 6 | 1 | 1 | 8 | 13% | 13% | 0% | 75% | 3 | 3 | 1 | 4 | 27 | 1971 | 1975 | 3 |
| Dry Creek | | | | | | | | | | - | - | - | - | | 2003, 2006 | 2011/12 | 1 |
| Garden Acres | 3 | 3 | 3 | 3 | 14 | 21% | 21% | 21% | 21% | 5 | 16 | 22 | 18 | 130 | 1989 | 1990, 1993 (?) | 2 |
| Quail Campus | 0 | 4 | 2 | 4 | 16 | 13% | 25% | 0% | 25% | 0 | 0 | 3 | 0 | 6 | 2000 | 2002 | 1 |
| Roosevelt | 1 | 3 | 4 | 6 | 18 | 22% | 33% | 6% | 17% | 4 | 7 | 9 | 18 | 73 | 1892 | 1919, 1930's, 1951, 1976, 1997, | 2 |
| Sandstone Ranch | 1 | 0 | 9 | 9 | 11 | 82% | 82% | 9% | 0% | 1 | 4 | 2 | 3 | 23 | 1998 | 2001, 2004, 2006 | 1 |
| District Parks | | | | | | | | | | | | | | | | | |
| Golden Ponds (including Lychins Gulch) | 1 | 0 | 8 | 9 | 10 | 80% | 90% | 10% | 0% | - | - | - | - | | 1990 | 1990, 1996, 1998 | 2 |
| Jim Hamm | 0 | 0 | 5 | 10 | 16 | 31% | 63% | 0% | 0% | - | - | - | - | | 1974, 2001, 2003 | 1976, 2001, 2006, 2012? | 1 |
| Izaak Walton | 1 | 3 | 0 | 5 | 21 | 0% | 24% | 5% | 14% | - | - | - | - | | 1989 | 1999, 2012 | 1 |
| McCall Lake | | | | | | | | | | - | - | - | - | | 1991 | | 3 |
| McIntosh Lake | | | | | | | | | | - | - | - | - | | 2003 | 2004, 2005, 2009 | 1 |
| Rogers Grove | 0 | 0 | 2 | 2 | 9 | 22% | 22% | 0% | 0% | - | - | - | - | | 1990 | 1995, 1996, 1997 | 2 |
| Sandstone Ranch | | | | | | | | | | - | - | - | - | | 1998 | 2000, 2002 | 1 |
| St. Vrain Greenway | | | | | | | | | | | | | | | | | |
| Union Reservoir | | | | | | | | | | - | - | - | - | | 1990 | 1992, 1993, | 2 |
| Other City Park Property | | | | | | | | | | | | | | | | | |
| Button Rock Reserve | | | | | | | | | | - | - | - | - | | | | |
| Dog Park I (21st & Francis) | | | | | | | | | | - | - | - | - | | | 2002 | 1 |
| Dog Park II (Airport Rd.) | | | | | | | | | | - | - | - | - | | | 2004 | 1 |
| Dry Creek Park Undeveloped | | | | | | | | | | - | - | - | - | | | | |
| Fox Meadows | | | | | | | | | | - | - | - | - | | 2002 | | |
| Quail Campus Undeveloped | | | | | | | | | | - | - | - | - | | | | |
| Sandstone Ranch (Phase 4) | | | | | | | | | | - | - | - | - | | | | |
| Sandstone Ranch Undeveloped | | | | | | | | | | - | - | - | - | | | | |
| Sisters | | | | | | | | | | - | - | - | - | | 2006 | | |
| Wertman | | | | | | | | | | - | - | - | - | | 1996 | | |
| West Grange | | | | | | | | | | - | - | - | - | | | | |