

Memorandum  
UltiPlay  
P.O. Box 374  
Uxbridge, Massachusetts 01569

Date: July 22, 2020

To: Mr. Rob Albert  
Regional School District 17  
57 Little City Road  
Higganum, CT 06441

Re: Equipment Audit  
Killingworth Elementary School – Rear Playground  
Killingworth, CT

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Dear Mr. Albert:

We are pleased to enclose the results of our site review of the existing playscape now found at the Killingworth Elementary School – Rear Playground. All findings are based on the condition of the components at the time of the visit only. The report and findings follow and include relevant photographs on disc for your use and review.

Please review the information thoroughly and contact me if you have any questions or require additional information. Also let me know if I can be of further assistance. In the meantime, if there are any future concerns or maintenance requirements we would be more than happy to assist. Thank you.

Jon Jalbert, CPSI  
Mike Parody, CPSI

**UltiPlay**

**Playground Review Report  
For  
Killingworth Elementary School  
Killingworth, CT  
July 22, 2020**

**43 Main Street  
Blackstone, MA 01504**

# Site Review

**Site Review Performed by:** Jon Jalbert/Michael Parody

**Park/Playground Name:** Killingworth Elementary School – Rear Playground

**Playground Location:** Killingworth, CT

**Owner/Operator:** Regional School District 17

**Date of Inspection:** July 20, 2020

Equipment/Item	Observations/Condition	Priority	Recommendations
General	<ol style="list-style-type: none"> <li>1. Posts and railings greater than 2" in width and considered designated playing surface (DPS).</li> <li>2. Support posts visibly rotted at contact with surface and at post tops (caps installed at tops).</li> <li>3. Deck boards in locations warped and non-level.</li> <li>4. Hardware observed as rusted throughout.</li> <li>5. Some splintering of wood observed. Pressure treated structure painted.</li> <li>6. Manufacturer labels or other identifying information not observed. Age-appropriate labels or signage not observed</li> </ol>	<ol style="list-style-type: none"> <li>1</li> <li>1</li> <li>3</li> <li>3</li> <li>3</li> <li>3</li> </ol>	<ol style="list-style-type: none"> <li>1. Retrofit or change to eliminate DPS.</li> <li>2. Replace posts.</li> <li>3. Reset/replace.</li> <li>4. Replace as needed.</li> <li>5. Sand as needed.</li> <li>6. Install manufacturer labels for ID purposes as well as age-appropriate signage.</li> </ol>
General	<ol style="list-style-type: none"> <li>1. Surfacing material (engineered wood fiber) observed as in marginal condition, grass/plants observed as growing, especially along perimeter, resiliency questionable especially within use zones for upper platform. Manufacturer of engineered wood fiber unknown.</li> </ol>		<ol style="list-style-type: none"> <li>1. Upgrade/replace as needed to provide sufficient depth of material.</li> </ol>
1. Tire Swings-3 (Children's Playgrounds)	<ol style="list-style-type: none"> <li>1. Tires: 1 missing, 2 in poor condition.</li> <li>2. Swing clearance to supports insufficient.</li> <li>3. Universal Pendulum not protected by cover or jacket creating potential crush point.</li> <li>4. Standard swing observed as retrofit installation in one tire swing bay.</li> <li>5. Hardware connecting swivel on one of the units contains hardware/threads pointing upward creating entanglement concerns.</li> </ol>	<ol style="list-style-type: none"> <li>2</li> <li>1</li> <li>1</li> <li>2</li> <li>1</li> </ol>	<ol style="list-style-type: none"> <li>1. Replace.</li> <li>2. Replace frame/unit.</li> <li>3. Install proper protective jacket.</li> <li>4. Remove swing.</li> <li>5. Replace w/proper hardware.</li> </ol>
2. Composite Structure (Children's Playgrounds)	<ol style="list-style-type: none"> <li>1. Wave Ramp: No significant concerns identified, but some boards raised.</li> <li>2. Angled Log Bridge: Pinch points at rungs.</li> <li>3. Chain Net Climber: Entrapment at open section at top of barrier/entrance. Hardware securing rungs are double-nut connections/not recommended.</li> <li>4. Upper Platform: Some barriers less than 38" recommended elevation.</li> <li>5. Combination Hand-Over-Hand: S-hooks gapped, chains rusted.</li> <li>6. Combination Open/Tube Slide: Pinch points at entrance/top rail and loose hardware.</li> <li>7. Spiral Slide: Pinch points at entrance/top rail.</li> <li>8. Sliding Pole: Clearance from structure to pole recommended to be between 18"-20". Current distance is 16.5".</li> <li>9. Tire Ramp: Pinch points at times, tires trapping</li> </ol>	<ol style="list-style-type: none"> <li>3</li> <li>2</li> <li>1</li> <li>1</li> <li>3</li> <li>3</li> <li>3</li> <li>3</li> <li>2</li> </ol>	<ol style="list-style-type: none"> <li>1. Reset any raised boards as needed.</li> <li>2. Adjust chains.</li> <li>3. Install infill to eliminate opening. Replace hardware to eliminate.</li> <li>4. Raise barrier height as needed.</li> <li>5. Tighten/replace S-hooks, hardware.</li> <li>6. Secure hardware to eliminate concerns.</li> <li>7. Secure w/hardware.</li> <li>8. Replace with compliant sliding pole or component.</li> <li>9. Adjust as needed and</li> </ol>

	water and debris. 10. Double Balance Chain: Handhold cables frayed. 11. Double Track Ride: Deck board missing.	3 3	clean tires. 10. Replace. 11. Replace board.
3. Swing Structure (Children's Playgrounds)	1. No swings observed.		1. No action required.
4. Chinning Bars	1. No concerns identified.		1. No action required.

**Definitions:**

Priority 1: Any condition of the playground which is life-threatening or can cause severe, permanent disability.

Priority 2: Any condition of the playground which can cause serious, but non-disabling injury.

Priority 3: Any condition of the playground which can cause slight injury OR any Condition which may not have caused injury but does not meet the CPSC Guidelines *Handbook for Public Playground Safety* or ASTM F1487.

**Note:** The results of the site review are based on the condition of the playground at the time of the visit and may not reflect conditions that may have developed since the visit. The site review is completed as thoroughly as possible, but identification of all guideline concerns/issues is not guaranteed.