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June 6, 2016

Alison Kirk
Parks and Marina Administrator
The City of Lewes
114 East Third Street
Lewes, DE 19958

Subject: Playground Inspections – Lewes, DE

Dear Alison:

Compliance Management International (CMI) is pleased to enclose the attached records that document the playground safety inspection that was conducted at Canal Park and George Smith Park in Lewes, Delaware on May 10, 2016.

The playground at Canal Park and George Smith Park were inspected on May 10, 2016. The audit checklists are included as attachments to this letter and summarize the findings at the parks along with the summary of priority rating concerns.

All inspections were conducted in accordance with the guidelines presented in the US Consumer Products Safety Commission document "Public Playground Safety Handbook", American Society of Testing and Materials (ASTM) F1487-11 "Standard Consumer Safety Performance Specification for Playground Equipment for Public Use" as well as other related ASTM standards as referenced in F1487-11.

The portions of the audit checklists that refer to Accessibility requirements for disabled persons are not included in this report as the playgrounds that were evaluated in Lewes, DE are not designed to be completely compliant with the Department of Justice 2010 ADA Standards for Accessible Design (2010 Standards) for Title II (28 CFR Part 35) and Title III (28 CFR Part 36), Sections 240 and 1008 Play Areas. This federal law became enforceable in March of 2011. If the playgrounds are redesigned in the future, the design and layout of the play area must comply with these standards.

Canal Park

In summary, the major findings for the playground are summarized as follows:

- The level of protective surfacing in the entire playground is not sufficient. Wood chip mulch should be maintained at a minimum level of 9 inches to attain a fall height of 10 feet. The playground should be raked to remove stones and other debris from the mulch and the level replenished to suggested levels.
- There is a concern of the location of the playground to the adjacent canal, parking lot, Pilot Town Road and tennis court. Signage outside the playground would alert motorists and other people in the park of the location of the area where children are at play.



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- The park should have signage that will indicate the recommended age of use for the playground, along with other recommended warning signs that are outlined in the CPSC document.
- The swing hardware should be replaced as it is showing wear on the S hooks.
- There are crush / shear hazards on the roof of the boat area and the tower floor.
- The use zone between the walkway and the bridge is only 42 inches apart. A guardrail could be placed on the side of the walkway to eliminate this area as an entrance / egress point from the play equipment.
- The wood components of the playground show some weathering and should be treated with a protectant to shield the wood from UV and salt exposures.

George Smith Park

In summary, the major findings for the playground are summarized as follows:

- The level of protective surfacing in the entire playground is not sufficient. Wood chip mulch should be maintained at a minimum level of 9 inches to attain a fall height of 10 feet. The playground should be raked to remove stones and other debris from the mulch and the level replenished to suggested levels.
- The park should have signage that will indicate the recommended age of use for the playground,
- The majority of the metal components show varying degrees of rust and wear.
- The majority of the wood components have not been treated to protect from the elements and therefore some pieces are warped, rotten or split.
- Tree roots are exposed in the play areas of the street side play unit.
- Both clutter bridges present with a head entrapment hazard where the bridge meets the platform. This should be corrected by adjusting the bridge hang chain.
- Both play areas have bolt fasteners and protruding nails on different areas that present an entanglement hazard.
- Some planks on some platforms and bridges present a crush or shear hazard.
- The concrete footer is exposed under the steps on the play area on the street side.



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This evaluation should be placed into the site summary file for each playground as record of the inspection. Any follow up maintenance that occurs based from this audit should also be documented in the site summary file.

Thank you for the opportunity to assist you with this assessment. Please contact me if you should have any questions or require any additional information.

Sincerely,

A handwritten signature in dark ink, appearing to read "Deborah Kravatz".

Deborah Kravatz, OHST, CPSI
Associate Health and Safety Specialist



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ATTACHEMENT

SITE AUDIT INSPECTION CHECKLIST

Playground Safety Compliance Audit Form

Inspector (print) Deborah Kravatz Signature _____ CPSI # 31092-518
Date 05/10/2016 Time 09:30 am Weather 60 degrees F and overcast
Playground Name and/or Identification Number Canal Park Lewes, DE

Injuries to children may occur from many types of playground equipment and environmental conditions. The checklist on the following pages will help you to assess and correct safety concerns that may be present on or near your playground. While it does not cover every potential safety concern in a children's environment, it is an overview of most known playground safety concerns. The checklist does not apply to home playground equipment, amusement park equipment, or to equipment normally intended for sports use. The checklist also does not address the many important issues of child development that pertain to play.

The playground safety compliance audit form is not a regulatory standard, but a compilation of suggested guidelines based upon the *Public Playground Safety Handbook* written by the U.S. Consumer Product Safety Commission (CPSC)¹ Revised November 2010; American Society for Testing and Materials (ASTM)² F1487-11 Standard; Department of Justice 2010 ADA Standards for Accessible Design (2010 Standards) for Title II (28 CFR Part 35) and Title III (28 CFR Part 36), Sections 240 and 1008 Play Areas³ (These accessibility standards published in the Federal Register on September 15, 2010 can be found at: <http://www.ada.gov/regs2010/2010ADASTandards/2010ADAstandards.htm>) and expert opinions from individuals with a vast amount of experience in the field of playground safety.

Acknowledgments:

- Created from the "Statewide Comprehensive Injury Prevention Program" (SCIPP), Department of Public Health, 150 Trecost Street, Boston, MA 02111
- Adapted as Wheaton Park District's "Initial Playground Safety Audit" September, 1989, Revised December 20, 1990 and November, 1991, Ken Kutska, CPRP
- Edited and updated June, 1992, by Ken Kutska, CPRP, and Kevin Hoffman, ARM, Park District Risk Management Agency
- Edited and updated March, 1998, by Ken Kutska, CPRP, CPSI; Kevin Hoffman, ARM, CPSI, and Tony Malkusak, CPRP, CPSI
- Edited and updated March, 1998, by Ken Kutska, CPRP, CPSI; Kevin Hoffman, ARM, CPSI, and Tony Malkusak, CPRP, CPSI
- Edited and updated March, 2003, by Ken Kutska, CPRP, CPSI; Kevin Hoffman, ARM, CPSI, and Tony Malkusak, CPRP, CPSI
- Excel™ formatted 2004, revised citations to 2008 CPSC *Handbook* and ASTM F1487-07ae¹ Standard, August, 2008, by Steve Plumb, CPRP, CPSI
- Revised September 2008 by IPSI, LLC, Ken Kutska, CPRP, CPSI, Executive Director
- Revised August 2011 by IPSI, LLC, Ken Kutska, CPRP, CPSI, Executive Director

1. U.S. Consumer Product Safety Commission, (CPSC), 4330 East West Highway, Bethesda, MD 20814
2. American Society for Testing and Materials (ASTM), 100 Barr Harbor Drive West Conshohocken, Pennsylvania 19428
3. U.S. Access Board, 1331 F Street, NW, Suite 1000, Washington, DC, 20004
(<http://www.ada.gov/regs2010/ADAregs2010.htm>)

Five Level Safety Concern Priority Rating System

Rating Safety Concern Priority	Description Condition Likely to Cause
Priority 1 Safety Concern	Non-compliant safety concern that may result in permanent disability, loss of life or body part. Condition should be corrected immediately.
Priority 2 Safety Concern	Non-compliant safety concern that may result in temporary disability. Condition should be corrected as soon as possible.
Priority 3 Safety Concern	Non-compliant safety concern that is likely to cause a minor (non-disabling) injury. Condition should be corrected when time permits.
Priority 4 Safety Concern	Non-compliant safety concern whose potential to cause an injury is very minimal. Condition should be corrected if it worsens.
Priority 5	The item has been determined to be compliant with the owner/operator's operating policy and standard of care. Continued ongoing preventive maintenance is recommended.

Playground Safety Audit Forms

Background Information

Page 1

IMPORTANT: This information has been prepared to assist the agency's attorney in defending potential litigation. Do not release to any person except an agency official, insurance representative, or an investigating police officer.

Play Area: <u>Canal Park</u>	Date: <u>5/10/2016</u>
Eqpt Type: <u>Wooden Composite Play structure</u>	Surface: <u>Wood Chips / Mulch</u>
Audited By: <u>Deborah Kravatz</u>	Intended User Age: <u>2 - 5 ?</u>

General Environment

1. Category of Playground: (check all that apply)

Community Park
 Public School
 Childcare Center
 Neighborhood Park/Tot Lot
 Private School
 Other: _____

2. Equipment Inventory: (indicate the number of equipment pieces that exist)

A. Composite Structures

stairways/step ladders 1
 stairways/step ladders _____
 rigid climbers 1
 flexible climbers _____
 decks/platforms 10
 play panels _____
 slides 2
 sliding poles _____
 horizontal ladders _____
 horizontal rings _____
 track rides _____
 crawl tunnels 1
 clatter/other bridges 1
 ramps _____
 transfer stations _____
 roofs 1
 other _____
 other _____

B. Freestanding Eqpt

swings (to-fro) 3
 rotating swings _____
 seesaws _____
 slides _____
 rigid climbers _____
 flexible climbers _____
 upper body eqpt _____
 rocking eqpt _____
 merry-go-round _____
 spinner (< 20" D) _____
 sand play area _____
 backhoe digger _____
 play panels _____
 stepping pods 2
 net climber _____
 other _____
 other _____
 other _____

C. Site Amenities

benches x
 tables x
 water fountains x
 bicycle racks _____
 wheelchair parking _____
 signs (safety) _____
 litter barrels x
 fencing _____
 accessible route to play area x
 other _____
 other _____
 other _____

General Environment (continued)

3. Playground Perimeter Concerns

Directions: Check all potential concerns that exist, and indicate the actual distance item is from play area border. The owner/operator shall evaluate each border concern for possible mitigation.

Playground Perimeter Concerns	Distance from Border	Priority Rating	Comments
1st public street	100'	4	Pilot town Road
2nd public street			
3rd public street			
4th public street			
streets with heavy traffic			
water (ponds/streams/ditch)	25'	3	Canal
soccer/football field			
baseball/softball field (home plate)			
basketball court			
parking lot	25'	3	
railroad tracks			
trees (not pruned up at least 84" within playground area)			
golf course			
quarry pit (cliff-like condition)			
contaminated area/landfill			
other (specify)	10'	3	Tennis court
other (specify)			
other (specify)			

General Environment (continued)

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August 2011

General Environment Conditions	Compliant (YES)	Non-comp (NO)	Priority Rating	Comments
4. If needed, fence is provided for perimeter concerns. See Pg 2 for list of concerns. (CPSC 2.1) (Fencing Reference ASTM F2049)		x	3	No fence is provided on side that faces the canal.
5. Shaded area is provided. (CPSC 2.1.1)	x		5	
6. Play area is visible to deter inappropriate behavior. (CPSC 2.2.4)	x		5	
7. Equipment not recommended on public playgrounds include... climbing ropes not secured at both ends, trampolines, swinging gates, giant strides, heavy metal swings (animal swings), rope swings, swinging dual exercise rings and trapeze bars. (CPSC 2.3.1)	x		5	
8. Playground is accessed safely by a sidewalk that is free of standing water, pea gravel, and low branches and complies with the DOJ 2010 Standard for Accessible Design (min. 80" overhead clearance, 60" min. width, max. cross slope of 1:50 and max. running slope of 1:20, max. gaps of 1/2" and no vertical rise greater than 1/4" without a beveled edge, and finally there should be no depressions greater than 1/2").	x		5	
9. Seating (benches, tables) is in good condition (free of splinters, missing hardware/slats, sharp edges, etc). (exempt from ASTM F1487)	x		5	
10. Signs on all bordering streets advise motorists that a playground is nearby.	x		5	
11. Trash receptacles are provided and located outside of play area use zone.	x		5	

Materials and Manufacture

General Conditions	Compliant (YES)	Non-comp (NO)	Priority Rating	Comments
1. Playground equipment is manufactured and constructed only of materials that have a demonstrated durability and comply with the Consumer Product Safety Improvement Act of 2008). (ASTM 4.1.2; CPSC 2.5.1)	x		5	
2. Metals subject to structural degradation such as rust or corrosion are painted, galvanized or otherwise treated. (ASTM 4.1.1; CPSC 2.5.1)	x		5	
3. Wood materials are naturally rot-resistant or treated to avoid deterioration. (ASTM 4.1.3; CPSC 2.5.5)		x	4	Wood portions are not treated regularly and show some weathering.
4. Plastics and other materials that experience ultraviolet (UV) degradation are UV protected. (ASTM 4.1.1)	x		5	
5. Users cannot ingest, inhale, or absorb any potentially hazardous amounts of substances through body surfaces as a result of contact with the equipment. (ASTM 4.1.2 and 4.1.3; CPSC 2.5.4)	x		5	
6. Moving suspended elements are connected to the fixed support w/ bearings or bearing surfaces that serve to reduce friction and wear. (ASTM 4.2.3; CPSC 2.5.2)	x		5	
7. Steel cable permanently affixed to a hanger assembly performs as a bearing surface. Cable ends are inaccessible or capped. Cables or steel-cored ropes are protected to prevent fraying, loosening, unraveling, or excessive shifting. (ASTM 4.2.3.1)	x		5	
8. Creosote-treated wood and coatings that contain pesticides are not used. (ASTM 4.1.3; CPSC 2.5.5)	x		5	
9. CCA-treated wood is not used, or is regularly coated (min. once/year) w/ a penetrating sealant or stain. (CPSC 2.5.5.1)	x		5	
10. Play structures are anchored to the ground and not intended to be relocated. (ASTM 5.3)	x		5	

Use Zones

General Conditions	Compliant (YES)	Non-comp (NO)	Priority Rating	Comments
A. Stationary Equipment				
1. Use zone extends min. 72" on all sides of structure. Equipment intended for user to maintain contact w/ the ground during play (i.e. talk tubes, activity panels) is exempt from use zone requirements. (ASTM 9.2.1; CPSC 5.3.9)	x		5	
2. Use zones for 2 or more stationary structures that are play-functionally linked are treated as if separate components are part of a composite unit. (ASTM 9.2.2; CPSC 5.3.9)	x		5	
3. Use zones of stationary equipment and other equipment may overlap. If adjacent designated play surfaces of each structure are < 30", the min. distance between equipment is 72". If adjacent designated play surfaces of either structure are > 30", the min. distance between equipment is 108". (ASTM 9.2.3; CPSC 5.3.10)		x	2	The walkway and the bridge are only 42 inches apart from each other.
B. Rotating Equipment				
1. Minimum use zone for rotating eqpt is 72" from perimeter. No other structure may overlap this use zone. Rotating eqpt < 20" diameter are exempt and may be 72" apart when each have designated play surfaces < 30" high, or 108" apart when one or both have designated play surfaces > 30" high. (ASTM 9.3.2; CPSC 5.3.4.1)			n/a	
2. Single user equipment (i.e. sand diggers) where user maintains contact w/ the ground are exempt from use zone requirements. (ASTM 9.2.1)			n/a	
3. No other structure overlaps the use zone of eqpt that rotates around a horizontal axis w/ a designated play surface > 30". (ASTM 9.3.5)			n/a	

Use Zones (continued)

General Conditions	Compliant (YES)	Non-comp (NO)	Priority Rating	Comments
C. To-Fro Swings				
1. Use zone to front and rear of to-fro swing is 2X where X = distance between pivot point and surfacing by width of beam. (ASTM 9.4.1.1; CPSC 5.3.8.3.3) Combination Swing Use Zone should be composed of the individual use zones as defined in 9.4.1 and 9.4.2 or both for the individual suspended elements. (ASTM 9.4.3)	X		5	
2. For swings w/ fully enclosed To-Fro swing seats, use zone is 2W where W = distance between pivot point and top of occupied sitting surface. (ASTM 9.4.1.2; CPSC 5.3.8.3.3)	X		5	
3. No other play structure overlaps the front-to-rear use zone of a to-fro swing. (ASTM 9.4.1.3; CPSC 5.3.8.3.3)	X		5	
4. Use zone width is at least as wide as the swing top beam. T-swings use zones have special conditions. (ASTM 9.4.1.4)	X		5	
5. Use zone around support structure is min. 72" in all directions from the structure. Support structure use zones for adjacent to-fro swings may overlap (6' apart). Support structure use zones may overlap w/ other equipment w/ min. 108" between structures. (ASTM 9.4.1.5; CPSC 5.3.8.3.3)	X		5	
D. Rotating Swings				
1. Use zone is min. horizontal distance of Y+72", where Y = vertical distance between pivot point and top of swing seat. (ASTM 9.4.2.1; CPSC 5.3.8.4.1)			n/a	
2. No other play structure use zone overlaps rotating swing use zone. (ASTM 9.4.2.2; CPSC 5.3.8.4.1)			n/a	
3. Use zone around support structure is min.72" in all directions from the structure. (ASTM 9.4.2.3; CPSC 5.3.8.4.1)			n/a	
4. Support structures of adjacent rotating swings may overlap (6' apart), however, swing bay clearances (Y+30") are not overlapped. (ASTM 9.4.2.4; CPSC 5.3.8.4.1)			n/a	
5. Support structure use zone may overlap use zone of other equipment w/ min. 108" between structures. (ASTM 9.4.2.5; CPSC 5.3.9)			n/a	

Use Zones (continued)

General Conditions	Compliant (YES)	Non-comp (NO)	Priority Rating	Comments
E. Rocking/Springing Equipment				
1. Use zone for equipment intended for sitting is min. 72" in all directions from at-rest perimeter. (ASTM 9.5.1.1; CPSC 5.3.7)			n/a	
2. Use zone of adjacent eqpt may overlap when each structure has max. seat height and/or designated playing surface of less than or equal to 30". (ASTM 9.5.1.2; CPSC 5.3.7)			n/a	
3. Use zone of rocking/springing eqpt may overlap to 72" apart when each structure has max. designated play surface height < 30"; and to 108" apart when either has a designated play surface higher than 30" unless otherwise specified in ASTM Section 9. (ASTM 9.5.1.3; CPSC 5.3.7)			n/a	
4. Use zone for rocking/springing eqpt intended for standing is min. 84" in all directions from the at-rest perimeter. (ASTM 9.5.2.1)			n/a	
5. No other play structure use zone overlaps the standing rocking/springing structure use zone. (ASTM 9.5.2.2)			n/a	
6. Equipment w/ limited movement or eqpt on which user cannot develop enough force to launch or propel themselves away from the eqpt is exempt from these requirements. (ASTM 9.5.2.3)			n/a	
F. Slides				
1. Use zone around steps or ladder, chute, platform or slide bed of straight, wavy, or spiral slides is min. 72" from perimeter. (ASTM 9.6.1; CPSC 5.3.6.5)	x		5	
2. Use zone at exit is min. X where X = vertical distance from highest point of sliding surface to surfacing. Use zone at slide exit is min. 72" and need not be > 96". (ASTM 9.6.2, 9.6.2.1; CPSC 5.3.6.5)	x		5	
3. A clear zone, free of equipment, extends min. 21" from inside of each side wall from the end of the slide to the perimeter of the slide use zone. Clearance zones for two or more parallel slide beds may overlap. Clearance zones for converging slides may not overlap. (ASTM 8.5.6, 9.6.3)	x		5	

Use Zones (continued)

General Conditions	Compliant (YES)	Non-comp (NO)	Priority Rating	Comments
G. Track Rides				
1. Track ride use zones are min. 72" in all directions from equipment. (ASTM 9.9.1)			n/a	
H. Composite Structures				
1. Use zone is min. 72" from structure perimeter, and complies w/ use zones established for individual types of eqpt. (ASTM 9.7.1 and 9.7.2; CPSC 5.3.9)		x	2	The walkway and the bridge are only 42 inches apart from each other.
2. Professional judgment may be used to eliminate hazards created by circulation conflicts or adjacent structures that are in close proximity. (ASTM 9.7.2)	x		5	
I. Placement of Equipment				
1. Sufficient space is provided between all adjacent structures and individual play eqpt for the purposes of play and circulation. (ASTM 9.8; CPSC 2.2.4)	x		5	
2. In settings where periodic overcrowding is likely, a supplemental circulation area beyond the use zone is provided, using professional judgement of owner/operator. (ASTM 9.8.2 and CPSC 2.2.4)	x		5	
3. Moving equipment such as swings and rotating equipment are located near the periphery away from circulation routes. (ASTM 9.8.3; CPSC 2.2.4)	x		5	
4. Overhead obstructions within play structure usezones are min. 84" from each designated play surface, the use zone, or the pivot point of swings. (ASTM 9.8.4.1)	x		5	
5. Overhead utility line clearances comply w/ all local, state, and national codes such as National Electrical Safety Code. (ASTM 9.8.4.2)	x		5	

Maintenance, Surfacing, Labeling, Signage

General Conditions	Compliant (YES)	Non-comp (NO)	Priority Rating	Comments
A. Maintenance				
1. Owner/Operator maintains detailed installation, inspection, maintenance, and repair records for each playground area. (ASTM 13.3; CPSC 4)	x		5	
B. Protective Surfacing				
1. Owner/Operator maintains the protective surfacing within the use zone of each play structure in accordance w/ ASTM F1292 w/ a critical height appropriate for the fall height of each structure, and ASTM F1951 where applicable (ASTM 13.2.1; CPSC 2.4) and the Accessible Route in accordance w/ DOJ 2010 Standard (Section 1008.2.6)		x	2	The play surface needs more mulch - the current level is around 5 inches.
2. Protective surfacing is maintained free from extraneous materials that could cause injury, infection, or disease. (ASTM 13.2.2; CPSC 4)		x	2	Numerous rocks could be found in the surface material throughout.
3. Surfacing is well-drained and free of standing water. (ASTM 13.2.2; CPSC 2.4.2.2)	x		5	
4. Written documentation available of laboratory compliance testing ASTM F1292 and F1951 and F2075 for EWF. (ASTM 13.2, 13.3)			n/a	
5. Written documentation available of post installation compliance to the appropriate ASTM Standards. (ASTM 13.3)			n/a	
C. Labeling				
1. On or near all play structures where applicable have posted a warning label containing... 1) signal word WARNING , 2) safety alert symbol (triangle w/ exclamation point inside) preceding signal word, and 3) warning message "Installation over a hard surface such as concrete, asphalt, or packed earth may result in serious injury or death from falls." (ASTM 14.2.5)		x	3	No signage could be found in the play area.
2. Manufacturer's identification appears, is durable, and is placed on the play structure. (ASTM 15)		x	3	No signage could be found in the play area.
D. Information Signage				
1. Signs or labels provide information for age appropriateness of playground. (ASTM 14.2.1)		x	3	No signage could be found in the play area. +
2. Signs or labels provide information stating adult supervision is recommended. (ASTM 14.2.2)		x	3	No signage could be found in the play area.
3. Sign posted to communicate warning for the need to remove helmets, drawstrings and items around the neck due to strangulation. (ASTM 14.2.3)		x	3	No signage could be found in the play area.
4. Sign posted to communicate warning about hot play surfaces and surfacing can cause severe burns to young children. (ASTM 14.2.4; CPSC 2.2.6, 2.5.3, 3.2.1)		x	3	No signage could be found in the play area.
5. Freestanding signs are located outside the equipment use zone to alert the user of the concern in time to take action. (ASTM 14.1.1.2, 14.1.2, 14.1.3)		x	3	No signage could be found in the play area.

Access and Egress

General Equipment Conditions	Compliant (YES)	Non-comp (NO)	Priority Rating	Comments
1. Steps/rungs are evenly spaced w/in $\pm .25"$ and horizontal w/in $\pm 2^\circ$. (ASTM 7.2.1)	X		5	
2. Steps do not allow accumulation of water or debris. (ASTM 7.2.2; CPSC 5.2.1)	X		5	
3. Stairways, step/rung ladders conform w/ access slope; tread, rung, ramp width; tread depth; rung diameter; and vertical rise for intended user group per ASTM Table 2. (ASTM 7.2.3; CPSC 5.2.1)	X		5	
4. Ramps intended for access have a max. horizontal run of 144". (ASTM 7.2.4)			n/a	
5. Landings w/ play components include wheelchair parking space w/ an adjacent circulation path $\geq 36"$. (ASTM 7.2.5)			n/a	
6. Continuous handrails are provided on both sides of stairs w/ > 1 tread; stairs w/ 1 tread have handrail or alternate means of support; Handrail height between 22-38" beginning at 1st step. (ASTM 7.2.6; CPSC 5.2.3)	X		5	
7. Handrails have diameter between .95-1.55". (ASTM 7.2.6.4; CPSC 5.2.2)	X		5	
8. Arch and flexible climbers not sole means of access for users 2-5. (ASTM 7.3.2.1; CPSC 5.2.1, 5.3.2.2, Table 5)	X		5	
9. Climbers used as access provide a means of hand support for use while climbing. (ASTM 7.3.2.5; CPSC 5.2.2)	X		5	
10. Stairways and stepladders have continuous handrails from access to platform. (ASTM 7.4.1; CPSC 5.2.3)	X		5	
11. Accesses w/o handrails (rung ladders, arch climbers, flexible components, etc.) have alternate hand gripping component to facilitate this transition to platform. (ASTM 7.4.2; CPSC 5.2.4)	X		5	
12. Stepping surface for final access on rung ladders, arch climbers, and flexible components are not connected above the designated play surface they serve. (ASTM 7.4.3; CPSC 5.2.1)	X		5	

Access and Egress (continued)

General Equipment Conditions	Compliant (YES)	Non-comp (NO)	Priority Rating	Comments
13. Head Entrapment... All components pass entrapment and partially-bounded opening tests. Partially bounded openings < 24" H exempt. (ASTM 6.1, 6.1.4, 6.1.4.7(3))	x		5	
14. Sharp Points and Edges... Eqpt free of splinters, sharp points, edges; tubing is capped; bolts free of burrs, sharp points, and edges. (ASTM 6.2; CPSC 3.4)	x		5	
15. Protrusions... All components pass protrusion test. Nuts, bolts, screws recessed, covered, or sanded smooth and level. (ASTM 6.3; CPSC 3.2)	x		5	
16. Entanglements... No protrusions project upwards > 1/8" from horizontal plane; max. 2 fastener threads protrude through any nut perpendicular to initial surface; any protrusion increasing in diameter from initial surface less than or equal to 1/8" in width and 1/8" in depth is exempt. (ASTM 6.4.2, 6.4.3, 6.4.4)	x		5	
17. Entanglements... All connecting devices (S-hooks, C-hooks, etc.) are closed to within .04"; lower loop of S-hooks does not protrude past the upper loop; lower loop does not overlap. (ASTM 6.4.5.1) Connectors whose interior spaces are completely infilled are exempt. (ASTM 6.4.5.2.1)		x	2	Some of the swing hardware is open and shows wear and breakdown.
18. Crush/Shear... All components pass crush shear tests. (ASTM 6.5; CPSC 3.1)		x	2	The boat roof and landing of tower have crush hazards.
19. Hardware/General Concerns				
Fasteners are corrosion-resistant or have a corrosion-resistant coating. Fasteners cannot be loosened without tools; nuts and bolts are self-locking or have a means to prevent detachment. (ASTM 4.2.1, 4.2.2; CPSC 2.5.2)	x		5	
Tires do not trap water; tires have no exposed steel belts. (ASTM 4.3; CPSC 3.7)			n/a	
Equipment is free of rust/chipping paint. (CPSC 2.5.4)	x		5	
Play area is free of tripping hazards. All anchoring devices are installed below ground level and beneath protective surfacing. Surfacing containment border is highly visible. (ASTM 7.3.2.2; CPSC 3.6)	x		5	

Platforms, Landings, and Walkways

General Equipment Conditions	Compliant (YES)	Non-comp (NO)	Priority Rating	Comments
1. Platforms are horizontal w/in a tolerance of $\pm 2^\circ$. (ASTM 7.5.1; CPSC 5.1.1)	x		5	
2. Platforms, landings, walkways, and ramps do not trap water and accumulate debris. (ASTM 7.5.2; CPSC 5.1.1)	x		5	
3. Platforms, landings, walkways, and ramps, and other elevated surfaces that are accessible to wheelchairs provide a min. 36" clear width; clear width may be reduced to 32" for max. 24". (ASTM 7.5.3)			n/a	
4. Turning and parking spaces provided at a transfer point do not overlap. (ASTM 7.5.4)			n/a	
5. Guardrails contain no designated play surfaces. (ASTM 7.5.5)	x		5	
6. Guardrails are present on elevated surfaces > 20" when intended for 2-5, and > 30" when intended for 5-12. (ASTM 7.5.5.1; CPSC 5.1.3)	x		5	
7. Guardrails surround elevated surface except for access and egress openings; max. clear opening w/o a horizontal top rail is 15". (ASTM 7.5.5.2; CPSC 5.1.3)	x		5	
8. Top surface of guardrails min. 29" when intended for 2-5, and 38" when intended for 5-12. (ASTM 7.5.5.3; CPSC 5.1.3)	x		5	
9. Lower edge of guardrails max. 23" when intended for 2-5, and 28" when intended for 5-12. (ASTM 7.5.5.4; CPSC 5.1.3)	x		5	
10. Wheelchair accessible ramps requiring guardrails for either 2-5 or 5-12 year olds have one handrail on both sides between 20-28" H. (DOJ 2010 Standard Section 1008.2.5)			n/a	
11. Wheelchair accessible ramps have 2" curb at both edges, unless guardrails and barriers don't extend to w/in 1" of ramp surface, or ramp has 2 rails and no barrier, or if barrier is beyond edge of ramp surface. (ASTM 7.5.5.6)			n/a	
12. Barriers contain no designated surface and minimize climbing. (ASTM 7.5.6; CPSC 5.1.3)	x		5	

Platforms, Landings, and Walkways (continued)

General Equipment Conditions	Compliant (YES)	Non-comp (NO)	Priority Rating	Comments
13. Barriers provided on elevated surfaces > 30" when intended for 2-5, and > 48" when intended for 5-12. (ASTM 7.5.6.1)	x		5	
14. Wheelchair accessible ramps that require barriers have one handrail on both sides between 20-28" H. (DOJ 2010 Standard Section 1008.2.5)			n/a	
15. Barriers surround elevated surface except for access and egress openings; max. clear opening w/o a horizontal top rail is 15". (ASTM 7.5.6.3)	x		5	
16. Top surface of barrier is 29" min. when intended for 2-5, and 38" max. when intended for 5-12. (ASTM 7.5.6.4)	x		5	
17. Adjacent platforms w/ height difference > 12" when intended for 2-5 or > 18" when intended for 5-12 have an access component. (ASTM 7.5.7.1)	x		5	
18. Head Entrapment... All components pass entrapment and partially-bounded opening tests. Partially bounded openings < 24" H exempt. (ASTM 6.1, 6.1.4, 6.1.4.7(3))	x		5	
19. Sharp Points and Edges... Eqpt free of splinters, sharp points, edges; tubing is capped; bolts free of burrs, sharp points, and edges. (ASTM 6.2; CPSC 3.4)	x		5	
20. Protrusions... All components pass protrusion test. Nuts, bolts, screws recessed, covered, or sanded smooth and level. (ASTM 6.3; CPSC 3.2)	x		5	
21. Entanglements... No protrusions project upwards > 1/8" from horizontal plane; max. 2 fastener threads protrude through any nut perpendicular to initial surface; any protrusion increasing in diameter from initial surface less than or equal to 1/8" in width and 1/8" in depth is exempt. (ASTM 6.4.2, 6.4.3, 6.4.4)	x		5	
22. Entanglements... All connecting devices (S-hooks, C-hooks, etc.) are closed to within .04"; lower loop of S-hooks does not protrude past the upper loop; lower loop does not overlap. (ASTM 6.4.5.1) Connectors whose interior spaces are completely infilled are exempt. (ASTM 6.4.5.2.1)	x		5	
23. Crush/Shear... All components pass crush shear tests. (ASTM 6.5; CPSC 3.1)		x	2	The boat roof and floor of tower have crush hazards.

Platforms, Landings, and Walkways (continued)

General Equipment Conditions	Compliant (YES)	Non-comp (NO)	Priority Rating	Comments
24. Hardware/General Concerns				
Fasteners are corrosion-resistant or have a corrosion-resistant coating. Fasteners cannot be loosened without tools; nuts and bolts are self-locking or have a means to prevent detachment. (ASTM 4.2.1, 4.2.2; CPSC 2.5.2)	x		5	
Tires do not trap water; tires have no exposed steel belts. (ASTM 4.3; CPSC 3.7)			n/a	
Equipment is free of rust/chipping paint. (CPSC 2.5.4)	x		5	
Play area is free of tripping hazards. All anchoring devices are installed below ground level and beneath protective surfacing. Surfacing containment border is highly visible. (ASTM 7.3.2.2; CPSC 3.6)	x		5	

Climbers

General Equipment Conditions	Compliant (YES)	Non-comp (NO)	Priority Rating	Comments
1. Rungs used for hand gripping are .95 – 1.55" in diameter and do not twist or rotate. (ASTM 8.2.1; CPSC 5.2.2)	X		5	
2. No climbing bars in interior of structure onto which a child may fall from H > 18". (CPSC 5.3.2.1.5)	X		5	
3. Freestanding arch and flexible climbers are not recommended for 2-5. (CPSC 5.3.2.2, 5.3.3.3)	X		5	
4. Head Entrapment... All components pass entrapment and partially-bounded opening tests. Partially bounded openings < 24" H exempt. (ASTM 6.1, 6.1.4, 6.1.4.7(3))	X		5	
5. Sharp Points and Edges... Eqpt free of splinters, sharp points, edges; tubing is capped; bolts free of burrs, sharp points, and edges. (ASTM 6.2; CPSC 3.4)	X		5	
6. Protrusions... All components pass protrusion test. Nuts, bolts, screws recessed, covered, or sanded smooth and level. (ASTM 6.3; CPSC 3.2)	X		5	
7. Entanglements... No protrusions project upwards > 1/8" from horizontal plane; max. 2 fastener threads protrude through any nut perpendicular to initial surface; any protrusion increasing in diameter from initial surface less than or equal to 1/8" in width and 1/8" in depth is exempt. (ASTM 6.4.2, 6.4.3, 6.4.4)	X		5	
8. Entanglements... All connecting devices (S-hooks, C-hooks, etc.) are closed to within .04"; lower loop of S-hooks does not protrude past the upper loop; lower loop does not overlap. (ASTM 6.4.5.1) Connectors whose interior spaces are completely infilled are exempt. (ASTM 6.4.5.2.1)	X		5	
9. Crush/Shear... All components pass crush shear tests. (ASTM 6.5; CPSC 3.1)	X		5	
10. Hardware/General Concerns				
Fasteners are corrosion-resistant or have a corrosion-resistant coating. Fasteners cannot be loosened without tools; nuts and bolts are self-locking or have a means to prevent detachment. (ASTM 4.2.1, 4.2.2; CPSC 2.5.2)	X		5	
Tires do not trap water; tires have no exposed steel belts. (ASTM 4.3; CPSC 3.7)	X		5	
Equipment is free of rust/chipping paint. (CPSC 2.5.4)	X		5	
Play area is free of tripping hazards. All anchoring devices are installed below ground level and beneath protective surfacing. Surfacing containment border is highly visible. (ASTM 7.3.2.2; CPSC 3.6)	X		5	

Miscellaneous Equipment

Miscellaneous Equipment Conditions	Compliant (YES)	Non-comp (NO)	Priority Rating	Comments
A. Balance Beams				
1. Top surface of beam is 12" max. for 2-5 and 16" max. for 5-12. (ASTM 8.1.1; CPSC 5.3.1)	x		2	With the correct level of mulch, this will be compliant.
2. Support posts contain no tripping hazards. (ASTM 8.1.2)	x		5	
B. Sliding Poles				
1. Clearance between structure and pole is 18-20". (ASTM 8.4.1; CPSC 5.3.2.6)			n/a	
2. Upper access is from one elevation only. (ASTM 8.4.2; CPSC 5.3.2.6)			n/a	
3. Sliding pole accessed from a platform is min. 60" above platform. (ASTM 8.4.3; CPSC 5.3.2.6)			n/a	
4. Max. pole diameter is 1.9" (ASTM 8.4.4; CPSC 5.3.2.6)			n/a	
5. Pole is continuous w/ no protruding welds, joints, or abrupt changes in direction. (ASTM 8.4.5; CPSC 5.3.2.6)			n/a	
6. Guardrail or barrier at platform entrance/exit has max. 15" opening. (ASTM 8.4.6; CPSC 5.3.2.6)			n/a	
7. Sliding poles are not recommended for 2-5. (CPSC 5.3.2.6)			n/a	
C. Swinging Gates and Doors				
1. Swinging gates and doors are not recommended for public playgrounds. (ASTM 8.7; CPSC 2.3.1)			n/a	
D. Log Rolls				
1. Handgripping components w/ diameter between .95-1.55" are provided. (ASTM 8.12.1; CPSC 5.3.3)			n/a	
2. Log rolls are not recommended for ages 2-5. (ASTM 8.12.2, 8.12.3; CPSC 5.3.3)			n/a	
3. Max. roller height is 18". (ASTM 8.12.3; CPSC 5.3.3)			n/a	

Miscellaneous Equipment (continued)

Miscellaneous Equipment Conditions	Compliant (YES)	Non-comp (NO)	Priority Rating	Comments
E. Roller Slides				
1. There are no crush, shear, entrapment, entanglement, or catch points between the junctures caused by 2 or more components that will admit the 3/16" dowel. (ASTM 8.9.2; CPSC 5.3.6.3.2)			n/a	
F. Roofs				
1. Roofs that are < 84" above the designated play surface contain no designated play surfaces. (ASTM 8.14.2)	x		5	
2. Support members are designed to discourage climbing and have no designated play surface. (ASTM 8.14.3)	x		5	
G. Stepping Forms				
1. Stepping forms have min. 10" dia. designated play surface, and max. slope of 30°. (ASTM 8.15.1, 8.15.2)	x		5	
2. Stepping forms are max. 20" high when intended for 2-5, and max. 30" high when intended for 5-12. (ASTM 8.15.3)	x		5	
3. Hand supports are present when 2-5 forms are > 20" high; 5-12 forms are > 30" high. Hand supports are between 22-38" above form surface. (ASTM 8.15.3 and .4)	x		5	
4. Stepping forms intended for 2-5 are stationary. Forms above 30" intended for 5-12 are stationary. (ASTM 8.15.5)	x		5	
5. Stepping forms for 2-5 are max. 12" apart. Forms for 5-12 are max. 18" apart. (ASTM 8.15.6)	x		5	
H. Parallel Bars				
1. Parallel bars are not recommended for 2-5. (CPSC 5.3.2)			n/a	

Slides

General Equipment Conditions	Compliant (YES)	Non-comp (NO)	Priority Rating	Comments
1. Transition platform depth is min. 14"; width is \geq slide bedway width. (ASTM 8.5.2.2, 8.5.2.3; CPSC 5.3.6.2)	x		5	
2. Handrails or means of hand support are provided at chute entrance. A means to channel users into sitting position exists. (ASTM 8.5.3.1, 8.5.3.2; CPSC 5.3.6.2)	x		5	
3. Height/Length ratio $< .577$ (30°); no span of sliding surface $> 50^\circ$. (ASTM 8.5.4.1, 8.5.4.2; CPSC 5.3.6.3.4)	x		5	
4. Slide chute width is min. 12" for 2-5, and min. 16" for 5-12. (ASTM 8.5.4.3; CPSC 5.3.6.3.4)	x		5	
5. Slides w/ flat and open chutes have continuous sidewall min. 4" high on both sides. (ASTM 8.5.4.4; CPSC 5.3.6.3.4)	x		5	
6. Tube slides have min. diameter of 23" w/ texture or barrier to prevent sliding on outside. (ASTM 8.5.4.7; CPSC 5.3.6.3.5)	x		5	
7. Slides have min. 11" exit region length; exit region slope is between 0 and -4° . (ASTM 8.5.5.1, 8.5.5.2; CPSC 5.3.6.4)	x		5	
8. Slides $< 48"$ high have max. 11" height at exit; slides $> 48"$ have exit height between 7-15"; slide exit edges are rounded or curved. (ASTM 8.5.5.3, 8.5.5.5; CPSC 5.3.6.4)	x		5	
9. Slide non-entanglement zone has no projections that extend $> .12"$ in any orientation. (ASTM 6.4.1.1.2; CPSC 5.3.6.7)	x		5	
10. Sliding surface is smooth and continuous (except roller slides) and has no spaces that may create an entanglement hazard. (ASTM 6.4.1.2; CPSC 5.3.6.7)	x		5	
11. A clear area, free of obstacles, surrounds the slide chute; clear area extends through slide exit use zone. (ASTM 8.5.6.1)	x		5	
12. Spiral slides w/ open chutes have a clear area 21" wide from the inside edge of sidewall for the entire length. (ASTM 8.5.6.2)	x		5	
13. Slides are accessed by evenly spaced stairs, ladders, or platforms $< 9"$ (2-5) or $< 12"$ (5-12) apart, and pass entrapment test. (ASTM Table 2, CPSC 5.2.1, Table 6)	x		5	
14. Slide bedway is shaded and avoid direct sun exposure to metal decks and chutes. (CPSC 5.3.6)	x		5	

Slides (continued)

General Equipment Conditions	Compliant (YES)	Non-comp (NO)	Priority Rating	Comments
15. Long spiral slides (> 1 360° turn) are not recommended for 2-5. (CPSC 5.3.6.3.3)	X		5	
16. Head Entrapment... All components pass entrapment and partially-bounded opening tests. Partially bounded openings < 24" H exempt. (ASTM 6.1, 6.1.4, 6.1.4.7(3))	X		5	
17. Sharp Points and Edges... Eqpt free of splinters, sharp points, edges; tubing is capped; bolts free of burrs, sharp points, and edges. (ASTM 6.2; CPSC 3.4)	X		5	
18. Protrusions... All components pass protrusion test. Nuts, bolts, screws recessed, covered, or sanded smooth and level. (ASTM 6.3; CPSC 3.2)	X		5	
19. Entanglements... No protrusions project upwards > 1/8" from horizontal plane; max. 2 fastener threads protrude through any nut perpendicular to initial surface; any protrusion increasing in diameter from initial surface less than or equal to 1/8" in width and 1/8" in depth is exempt. (ASTM 6.4.2, 6.4.3, 6.4.4)	X		5	
20. Entanglements... All connecting devices (S-hooks, C-hooks, etc.) are closed to within .04"; lower loop of S-hooks does not protrude past the upper loop; lower loop does not overlap. (ASTM 6.4.5.1) Connectors whose interior spaces are completely infilled are exempt. (ASTM 6.4.5.2.1)	X		5	
21. Crush/Shear... All components pass crush shear tests. (ASTM 6.5; CPSC 3.1) Roller slides do not admit 3/16" neoprene rod. (CPSC 5.3.6.3.2)	X		5	
22. Hardware/General Concerns				
Fasteners are corrosion-resistant or have a corrosion-resistant coating. Fasteners cannot be loosened without tools; nuts and bolts are self-locking or have a means to prevent detachment. (ASTM 4.2.1, 4.2.2; CPSC 2.5.2)	X		5	
Tires do not trap water; tires have no exposed steel belts. (ASTM 4.3; CPSC 3.7)	X		5	
Equipment is free of rust/chipping paint. (CPSC 2.5.4)	X		5	
Play area is free of tripping hazards. All anchoring devices are installed below ground level and beneath protective surfacing. Surfacing containment border is highly visible. (ASTM 7.3.2.2; CPSC 3.6)	X		5	

Swings

General Equipment Conditions	Compliant (YES)	Non-comp (NO)	Priority Rating	Comments
1. All suspended elements are located away from other play structures and circulation areas; are not attached to composite structures. (ASTM 8.6.1)	x		5	
2. Support structure discourages climbing and has no designated play surfaces. (ASTM 8.6.2)	x		5	
3. Maximum (2) and/or (1) multiple occupancy or multi-axis suspended element per bay and are finished w/ blunt or rounded edges. (ASTM 6.2 and 8.6.4.4, and .5)	x		5	
4. Hangers have bearings, bushings, or other means of reducing friction and wear. (ASTM 8.6.3)	x		5	
5. Horizontal distance between adjacent suspended elements at rest is min. 24" when measured 60" above surfacing. (ASTM 8.6.5.1.2)	x		5	
6. Horizontal distance between support structure & adjacent to-fro seat min. 30" measured 60" above surfacing. (ASTM 8.6.5.1.3)	x		5	
7. Swing hangers are min. 20" apart, and spaced wider than suspended element. (ASTM 8.6.5.1.4)	x		5	
8. Vertical distance between underside of suspended element and surfacing min. 12" and 24" for enclosed suspended elements. (ASTM 8.6.5.1.5)	x		5	
9. All suspended elements must comply w/ laboratory test for max. impact. ($\leq 100\text{gs}/\leq 500\text{HIC}$) (ASTM 8.6.4.2)	x		5	
10. (1) single-axis or multi-axis suspended element (per bay) and w/ limited lateral movement must maintain min. 30" clearance to support structure during use measured 24" from top of seat surface. (ASTM 8.6.5.1.3)	x		5	
11. All parts of a suspended element $\leq 84"$ at its lowest point during use must meet impact requirements. ($\leq 100\text{g}/\leq 500\text{HIC}$) (ASTM 8.6.4.3)	x		5	
12. Combination suspended elements must have a $> 30"$ clearance zone to support structure at rest or full range of motion of other suspended element through its dynamic range of motion during use. (ASTM 8.6.5.3.2)	x		5	

Swings (continued)

General Equipment Conditions	Compliant (YES)	Non-comp (NO)	Priority Rating	Comments
13. Multi-axis suspended elements have Y + 30" cylindrical, unobstructed clearance zone, where Y= vert. distance from pivot point to top of swing seat. Min. 12" from bottom of swing seat and surfacing. (ASTM 8.6.5.2)			n/a	
14. Head Entrapment... All components pass entrapment and partially-bounded opening tests. Partially bounded openings < 24" H exempt. (ASTM 6.1, 6.1.4, 6.1.4.7(3))	x		5	
15. Sharp Points and Edges... Eqpt free of splinters, sharp points, edges; tubing is capped; bolts free of burrs, sharp points, and edges. (ASTM 6.2; CPSC 3.4)	x		5	
16. Protrusions... All components pass protrusion test. Nuts, bolts, screws recessed, covered, or sanded smooth and level. (ASTM 6.3; CPSC 3.2)	x		5	
17. Entanglements... No protrusions project upwards > 1/8" from horizontal plane; max. 2 fastener threads protrude through any nut perpendicular to initial surface; any protrusion increasing in diameter from initial surface less than or equal to 1/8" in width and 1/8" in depth is exempt. (ASTM 6.4.2, 6.4.3, 6.4.4)	x		5	
18. Entanglements... All connecting devices (S-hooks, C-hooks, etc.) are closed to within .04"; lower loop of S-hooks does not protrude past the upper loop; lower loop does not overlap. (ASTM 6.4.5.1) Connectors whose interior spaces are completely infilled are exempt. (ASTM 6.4.5.2.1)	x		5	
19. Crush/Shear... All components pass crush shear tests. (ASTM 6.5; CPSC 3.1)	x		5	
20. Hardware/General Concerns				
Fasteners are corrosion-resistant or have a corrosion-resistant coating. Fasteners cannot be loosened without tools; nuts and bolts are self-locking or have a means to prevent detachment. (ASTM 4.2.1, 4.2.2; CPSC 2.5.2)		x	2	Wear is evident on the S hooks.
Tires do not trap water; tires have no exposed steel belts. (ASTM 4.3; CPSC 3.7)	x		5	
Equipment is free of rust/chipping paint. (CPSC 2.5.4)	x		5	
Play area is free of tripping hazards. All anchoring devices are installed below ground level and beneath protective surfacing. Surfacing containment border is highly visible. (ASTM 7.3.2.2; CPSC 3.6)	x		5	

Summary of Non-Compliances and Comments

Auditor: Deborah Kravatz Supervisor: _____ Date: 05/10/2016

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Summary of Priority 1 Safety Concerns	
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Summary of Priority 2 Safety Concerns	
1.	The S hooks on the swings show wear and breakdown at key points.
2.	The surface material throughout the playground should be increased and raked to remove rocks.
3.	There is a crush/shear hazard on the roof of the boat and on the floor of the standing tower.
4.	The use zone between the walkway and bridge is only 42 inches apart.
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Summary of Priority 3 Safety Concerns	
1.	There is no signage near or in the park that indicates indented age use and general safety warnings.
2.	The park is close to an open body of water (canal) and parking lot with no fencing to protect users from hazard. +
3.	The park is close to a tennis court where users could be struck from a ball that may come over the fence. +
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Summary of Priority 4 Safety Concerns
1. The park is adjacent to Pilot town Road, which appeared to be a heavier traveled road.
2. Some of the wood materials in the play area show weathering and are not protected against weather.
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Reset Form

Print Form

Save Form

Playground Safety Compliance Audit Form

Inspector (print) Deborah Kravatz Signature _____ CPSI # 31092-518
Date 05/10/2016 Time 11:00 am Weather 60 degrees F and overcast
Playground Name and/or Identification Number George Smith Park Lewes, DE

Injuries to children may occur from many types of playground equipment and environmental conditions. The checklist on the following pages will help you to assess and correct safety concerns that may be present on or near your playground. While it does not cover every potential safety concern in a children's environment, it is an overview of most known playground safety concerns. The checklist does not apply to home playground equipment, amusement park equipment, or to equipment normally intended for sports use. The checklist also does not address the many important issues of child development that pertain to play.

The playground safety compliance audit form is not a regulatory standard, but a compilation of suggested guidelines based upon the *Public Playground Safety Handbook* written by the U.S. Consumer Product Safety Commission (CPSC)¹ Revised November 2010; American Society for Testing and Materials (ASTM)² F1487-11 Standard; Department of Justice 2010 ADA Standards for Accessible Design (2010 Standards) for Title II (28 CFR Part 35) and Title III (28 CFR Part 36), Sections 240 and 1008 Play Areas³ (These accessibility standards published in the Federal Register on September 15, 2010 can be found at: <http://www.ada.gov/regs2010/2010ADASTandards/2010ADAstandards.htm>) and expert opinions from individuals with a vast amount of experience in the field of playground safety.

Acknowledgments:

- Created from the "Statewide Comprehensive Injury Prevention Program" (SCIPP), Department of Public Health, 150 Trecoast Street, Boston, MA 02111
- Adapted as Wheaton Park District's "Initial Playground Safety Audit" September, 1989, Revised December 20, 1990 and November, 1991, Ken Kutska, CPRP
- Edited and updated June, 1992, by Ken Kutska, CPRP, and Kevin Hoffman, ARM, Park District Risk Management Agency
- Edited and updated March, 1998, by Ken Kutska, CPRP, CPSI; Kevin Hoffman, ARM, CPSI, and Tony Malkusak, CPRP, CPSI
- Edited and updated March, 1998, by Ken Kutska, CPRP, CPSI; Kevin Hoffman, ARM, CPSI, and Tony Malkusak, CPRP, CPSI
- Edited and updated March, 2003, by Ken Kutska, CPRP, CPSI; Kevin Hoffman, ARM, CPSI, and Tony Malkusak, CPRP, CPSI
- Excel™ formatted 2004, revised citations to 2008 CPSC *Handbook* and ASTM F1487-07ae¹ Standard, August, 2008, by Steve Plumb, CPRP, CPSI
- Revised September 2008 by IPSI, LLC, Ken Kutska, CPRP, CPSI, Executive Director
- Revised August 2011 by IPSI, LLC, Ken Kutska, CPRP, CPSI, Executive Director

1. U.S. Consumer Product Safety Commission, (CPSC), 4330 East West Highway, Bethesda, MD 20814
2. American Society for Testing and Materials (ASTM), 100 Barr Harbor Drive West Conshohocken, Pennsylvania 19428
3. U.S. Access Board, 1331 F Street, NW, Suite 1000, Washington, DC, 20004
(<http://www.ada.gov/regs2010/ADAregs2010.htm>)

Five Level Safety Concern Priority Rating System

Rating Safety Concern Priority	Description Condition Likely to Cause
Priority 1 Safety Concern	Non-compliant safety concern that may result in permanent disability, loss of life or body part. Condition should be corrected immediately.
Priority 2 Safety Concern	Non-compliant safety concern that may result in temporary disability. Condition should be corrected as soon as possible.
Priority 3 Safety Concern	Non-compliant safety concern that is likely to cause a minor (non-disabling) injury. Condition should be corrected when time permits.
Priority 4 Safety Concern	Non-compliant safety concern whose potential to cause an injury is very minimal. Condition should be corrected if it worsens.
Priority 5	The item has been determined to be compliant with the owner/operator's operating policy and standard of care. Continued ongoing preventive maintenance is recommended.

Playground Safety Audit Forms

Background Information

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IMPORTANT: This information has been prepared to assist the agency's attorney in defending potential litigation. Do not release to any person except an agency official, insurance representative, or an investigating police officer.

Play Area: <u>George Smith Park</u>	Date: <u>05/10/2016</u>
Eqpt Type: <u>Wood, metal and plastic components</u>	Surface: <u>Wood Chips / mulch</u>
Audited By: <u>Deborah Kravatz</u>	Intended User Age: <u>5-12 ?</u>

General Environment

1. Category of Playground: (check all that apply)

<input checked="" type="checkbox"/> Community Park	<input type="checkbox"/> Public School	<input type="checkbox"/> Childcare Center
<input type="checkbox"/> Neighborhood Park/Tot Lot	<input type="checkbox"/> Private School	Other: _____

2. Equipment Inventory: (indicate the number of equipment pieces that exist)

A. Composite Structures	B. Freestanding Eqpt	C. Site Amenities
stairways/step ladders <u>2</u>	swings (to-fro) _____	benches <u>X</u>
stairways/step ladders <u>3</u>	rotating swings _____	tables <u>X</u>
rigid climbers <u>1</u>	seesaws _____	water fountains _____
flexible climbers _____	slides _____	bicycle racks _____
decks/platforms <u>12</u>	rigid climbers _____	wheelchair parking <u>X</u>
play panels _____	flexible climbers _____	signs (safety) <u>X</u>
slides <u>3</u>	upper body eqpt _____	litter barrels <u>X</u>
sliding poles <u>1</u>	rocking eqpt _____	fencing <u>X</u>
horizontal ladders <u>1</u>	merry-go-round _____	accessible route to play area <u>X</u>
horizontal rings <u>1</u>	spinner (< 20" D) _____	other _____
track rides <u>1</u>	sand play area _____	other _____
crawl tunnels <u>1</u>	backhoe digger _____	other _____
clatter/other bridges <u>1</u>	play panels _____	other _____
ramps <u>1</u>	stepping pods _____	
transfer stations _____	net climber _____	
roofs <u>1</u>	other _____	
other _____	other _____	
other _____	other _____	

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General Environment (continued)

3. Playground Perimeter Concerns

Directions: Check all potential concerns that exist, and indicate the actual distance item is from play area border. The owner/operator shall evaluate each border concern for possible mitigation.

Playground Perimeter Concerns	Distance from Border	Priority Rating	Comments
1st public street	10'	5	Dupont Street
2nd public street			
3rd public street			
4th public street			
streets with heavy traffic			
water (ponds/streams/ditch)	50'		pond blockhouse
soccer/football field			
baseball/softball field (home plate)			
basketball court			
parking lot	25'		School District Building
railroad tracks			
trees (not pruned up at least 84" within playground area)	x		Tree roots exposed in the playground
golf course			
quarry pit (cliff-like condition)			
contaminated area/landfill			
other (specify)			
other (specify)			
other (specify)			

General Environment (continued)

General Environment Conditions	Compliant (YES)	Non-comp (NO)	Priority Rating	Comments
4. If needed, fence is provided for perimeter concerns. See Pg 2 for list of concerns. (CPSC 2.1) (Fencing Reference ASTM F2049)	x		5	
5. Shaded area is provided. (CPSC 2.1.1)	x		5	
6. Play area is visible to deter inappropriate behavior. (CPSC 2.2.4)	x		5	
7. Equipment not recommended on public playgrounds include... climbing ropes not secured at both ends, trampolines, swinging gates, giant strides, heavy metal swings (animal swings), rope swings, swinging dual exercise rings and trapeze bars. (CPSC 2.3.1)	x		5	
8. Playground is accessed safely by a sidewalk that is free of standing water, pea gravel, and low branches and complies with the DOJ 2010 Standard for Accessible Design (min. 80" overhead clearance, 60" min. width, max. cross slope of 1:50 and max. running slope of 1:20, max. gaps of 1/2" and no vertical rise greater than 1/4" without a beveled edge, and finally there should be no depressions greater than 1/2").	x		5	
9. Seating (benches, tables) is in good condition (free of splinters, missing hardware/slats, sharp edges, etc). (exempt from ASTM F1487)	x		5	
10. Signs on all bordering streets advise motorists that a playground is nearby.	x		5	
11. Trash receptacles are provided and located outside of play area use zone.	x		5	

Materials and Manufacture

General Conditions	Compliant (YES)	Non-comp (NO)	Priority Rating	Comments
1. Playground equipment is manufactured and constructed only of materials that have a demonstrated durability and comply with the Consumer Product Safety Improvement Act of 2008). (ASTM 4.1.2; CPSC 2.5.1)	x		5	
2. Metals subject to structural degradation such as rust or corrosion are painted, galvanized or otherwise treated. (ASTM 4.1.1; CPSC 2.5.1)		x	3	Metal parts show rust.
3. Wood materials are naturally rot-resistant or treated to avoid deterioration. (ASTM 4.1.3; CPSC 2.5.5)		x	3	Wood planks on both play areas are rotten and broken from exposure.
4. Plastics and other materials that experience ultraviolet (UV) degradation are UV protected. (ASTM 4.1.1)	x		5	
5. Users cannot ingest, inhale, or absorb any potentially hazardous amounts of substances through body surfaces as a result of contact with the equipment. (ASTM 4.1.2 and 4.1.3; CPSC 2.5.4)	x		5	
6. Moving suspended elements are connected to the fixed support w/ bearings or bearing surfaces that serve to reduce friction and wear. (ASTM 4.2.3; CPSC 2.5.2)	x		5	
7. Steel cable permanently affixed to a hanger assembly performs as a bearing surface. Cable ends are inaccessible or capped. Cables or steel-cored ropes are protected to prevent fraying, loosening, unraveling, or excessive shifting. (ASTM 4.2.3.1)	x		5	
8. Creosote-treated wood and coatings that contain pesticides are not used. (ASTM 4.1.3; CPSC 2.5.5)	x		5	
9. CCA-treated wood is not used, or is regularly coated (min. once/year) w/ a penetrating sealant or stain. (CPSC 2.5.5.1)	x		5	
10. Play structures are anchored to the ground and not intended to be relocated. (ASTM 5.3)	x		5	

Use Zones

General Conditions	Compliant (YES)	Non-comp (NO)	Priority Rating	Comments
A. Stationary Equipment				
1. Use zone extends min. 72" on all sides of structure. Equipment intended for user to maintain contact w/ the ground during play (i.e. talk tubes, activity panels) is exempt from use zone requirements. (ASTM 9.2.1; CPSC 5.3.9)	x		5	
2. Use zones for 2 or more stationary structures that are play-functionally linked are treated as if separate components are part of a composite unit. (ASTM 9.2.2; CPSC 5.3.9)	x		5	
3. Use zones of stationary equipment and other equipment may overlap. If adjacent designated play surfaces of each structure are < 30", the min. distance between equipment is 72". If adjacent designated play surfaces of either structure are > 30", the min. distance between equipment is 108". (ASTM 9.2.3; CPSC 5.3.10)	x		5	
B. Rotating Equipment				
1. Minimum use zone for rotating eqpt is 72" from perimeter. No other structure may overlap this use zone. Rotating eqpt < 20" diameter are exempt and may be 72" apart when each have designated play surfaces < 30" high, or 108" apart when one or both have designated play surfaces > 30" high. (ASTM 9.3.2; CPSC 5.3.4.1)			n/a	
2. Single user equipment (i.e. sand diggers) where user maintains contact w/ the ground are exempt from use zone requirements. (ASTM 9.2.1)			n/a	
3. No other structure overlaps the use zone of eqpt that rotates around a horizontal axis w/ a designated play surface > 30". (ASTM 9.3.5)			n/a	

Use Zones (continued)

General Conditions	Compliant (YES)	Non-comp (NO)	Priority Rating	Comments
C. To-Fro Swings				
1. Use zone to front and rear of to-fro swing is 2X where X = distance between pivot point and surfacing by width of beam. (ASTM 9.4.1.1; CPSC 5.3.8.3.3) Combination Swing Use Zone should be composed of the individual use zones as defined in 9.4.1 and 9.4.2 or both for the individual suspended elements. (ASTM 9.4.3)			n/a	
2. For swings w/ fully enclosed To-Fro swing seats, use zone is 2W where W = distance between pivot point and top of occupied sitting surface. (ASTM 9.4.1.2; CPSC 5.3.8.3.3)			n/a	
3. No other play structure overlaps the front-to-rear use zone of a to-fro swing. (ASTM 9.4.1.3; CPSC 5.3.8.3.3)			n/a	
4. Use zone width is at least as wide as the swing top beam. T-swings use zones have special conditions. (ASTM 9.4.1.4)			n/a	
5. Use zone around support structure is min. 72" in all directions from the structure. Support structure use zones for adjacent to-fro swings may overlap (6' apart). Support structure use zones may overlap w/ other equipment w/ min. 108" between structures. (ASTM 9.4.1.5; CPSC 5.3.8.3.3)			n/a	
D. Rotating Swings				
1. Use zone is min. horizontal distance of Y+72", where Y = vertical distance between pivot point and top of swing seat. (ASTM 9.4.2.1; CPSC 5.3.8.4.1)			n/a	
2. No other play structure use zone overlaps rotating swing use zone. (ASTM 9.4.2.2; CPSC 5.3.8.4.1)			n/a	
3. Use zone around support structure is min.72" in all directions from the structure. (ASTM 9.4.2.3; CPSC 5.3.8.4.1)			n/a	
4. Support structures of adjacent rotating swings may overlap (6' apart), however, swing bay clearances (Y+30") are not overlapped. (ASTM 9.4.2.4; CPSC 5.3.8.4.1)			n/a	
5. Support structure use zone may overlap use zone of other equipment w/ min. 108" between structures. (ASTM 9.4.2.5; CPSC 5.3.9)			n/a	

Use Zones (continued)

General Conditions	Compliant (YES)	Non-comp (NO)	Priority Rating	Comments
E. Rocking/Springing Equipment				
1. Use zone for equipment intended for sitting is min. 72" in all directions from at-rest perimeter. (ASTM 9.5.1.1; CPSC 5.3.7)			n/a	
2. Use zone of adjacent eqpt may overlap when each structure has max. seat height and/or designated playing surface of less than or equal to 30". (ASTM 9.5.1.2; CPSC 5.3.7)			n/a	
3. Use zone of rocking/springing eqpt may overlap to 72" apart when each structure has max. designated play surface height < 30"; and to 108" apart when either has a designated play surface higher than 30" unless otherwise specified in ASTM Section 9. (ASTM 9.5.1.3; CPSC 5.3.7)			n/a	
4. Use zone for rocking/springing eqpt intended for standing is min. 84" in all directions from the at-rest perimeter. (ASTM 9.5.2.1)			n/a	
5. No other play structure use zone overlaps the standing rocking/springing structure use zone. (ASTM 9.5.2.2)			n/a	
6. Equipment w/ limited movement or eqpt on which user cannot develop enough force to launch or propel themselves away from the eqpt is exempt from these requirements. (ASTM 9.5.2.3)			n/a	
F. Slides				
1. Use zone around steps or ladder, chute, platform or slide bed of straight, wavy, or spiral slides is min. 72" from perimeter. (ASTM 9.6.1; CPSC 5.3.6.5)	x		5	
2. Use zone at exit is min. X where X = vertical distance from highest point of sliding surface to surfacing. Use zone at slide exit is min. 72" and need not be > 96". (ASTM 9.6.2, 9.6.2.1; CPSC 5.3.6.5)	x		5	
3. A clear zone, free of equipment, extends min. 21" from inside of each side wall from the end of the slide to the perimeter of the slide use zone. Clearance zones for two or more parallel slide beds may overlap. Clearance zones for converging slides may not overlap. (ASTM 8.5.6, 9.6.3)	x		5	

Use Zones (continued)

General Conditions	Compliant (YES)	Non-comp (NO)	Priority Rating	Comments
G. Track Rides				
1. Track ride use zones are min. 72" in all directions from equipment. (ASTM 9.9.1)	x		5	
H. Composite Structures				
1. Use zone is min. 72" from structure perimeter, and complies w/ use zones established for individual types of eqpt. (ASTM 9.7.1 and 9.7.2; CPSC 5.3.9)	x		5	
2. Professional judgment may be used to eliminate hazards created by circulation conflicts or adjacent structures that are in close proximity. (ASTM 9.7.2)	x		5	
I. Placement of Equipment				
1. Sufficient space is provided between all adjacent structures and individual play eqpt for the purposes of play and circulation. (ASTM 9.8; CPSC 2.2.4)	x		5	
2. In settings where periodic overcrowding is likely, a supplemental circulation area beyond the use zone is provided, using professional judgement of owner/operator. (ASTM 9.8.2 and CPSC 2.2.4)	x		5	
3. Moving equipment such as swings and rotating equipment are located near the periphery away from circulation routes. (ASTM 9.8.3; CPSC 2.2.4)	x		5	
4. Overhead obstructions within play structure usezones are min. 84" from each designated play surface, the use zone, or the pivot point of swings. (ASTM 9.8.4.1)	x		5	
5. Overhead utility line clearances comply w/ all local, state, and national codes such as National Electrical Safety Code. (ASTM 9.8.4.2)	x		5	

Maintenance, Surfacing, Labeling, Signage

General Conditions	Compliant (YES)	Non-comp (NO)	Priority Rating	Comments
A. Maintenance				
1. Owner/Operator maintains detailed installation, inspection, maintenance, and repair records for each playground area. (ASTM 13.3; CPSC 4)	x		5	
B. Protective Surfacing				
1. Owner/Operator maintains the protective surfacing within the use zone of each play structure in accordance w/ ASTM F1292 w/ a critical height appropriate for the fall height of each structure, and ASTM F1951 where applicable (ASTM 13.2.1; CPSC 2.4) and the Accessible Route in accordance w/ DOJ 2010 Standard (Section 1008.2.6)		x	2	The mulch in each play area needs to be maintained at the proper level.
2. Protective surfacing is maintained free from extraneous materials that could cause injury, infection, or disease. (ASTM 13.2.2; CPSC 4)		x	2	Street Side - Tree roots are exposed in the use zones.
3. Surfacing is well-drained and free of standing water. (ASTM 13.2.2; CPSC 2.4.2.2)	x		5	
4. Written documentation available of laboratory compliance testing ASTM F1292 and F1951 and F2075 for EWF. (ASTM 13.2, 13.3)			n/a	
5. Written documentation available of post installation compliance to the appropriate ASTM Standards. (ASTM 13.3)			n/a	
C. Labeling				
1. On or near all play structures where applicable have posted a warning label containing... 1) signal word WARNING , 2) safety alert symbol (triangle w/ exclamation point inside) preceding signal word, and 3) warning message "Installation over a hard surface such as concrete, asphalt, or packed earth may result in serious injury or death from falls." (ASTM 14.2.5)	x		5	
2. Manufacturer's identification appears, is durable, and is placed on the play structure. (ASTM 15)		x	5	The ID could not be located.
D. Information Signage				
1. Signs or labels provide information for age appropriateness of playground. (ASTM 14.2.1)		x	4	Intended age use signs not found.
2. Signs or labels provide information stating adult supervision is recommended. (ASTM 14.2.2)	x		5	
3. Sign posted to communicate warning for the need to remove helmets, drawstrings and items around the neck due to strangulation. (ASTM 14.2.3)	x		5	
4. Sign posted to communicate warning about hot play surfaces and surfacing can cause severe burns to young children. (ASTM 14.2.4; CPSC 2.2.6, 2.5.3, 3.2.1)	x		5	
5. Freestanding signs are located outside the equipment use zone to alert the user of the concern in time to take action. (ASTM 14.1.1.2, 14.1.2, 14.1.3)	x		5	

Access and Egress

General Equipment Conditions	Compliant (YES)	Non-comp (NO)	Priority Rating	Comments
1. Steps/rungs are evenly spaced w/in $\pm .25"$ and horizontal w/in $\pm 2^\circ$. (ASTM 7.2.1)	X		5	
2. Steps do not allow accumulation of water or debris. (ASTM 7.2.2; CPSC 5.2.1)	X		5	
3. Stairways, step/rung ladders conform w/ access slope; tread, rung, ramp width; tread depth; rung diameter; and vertical rise for intended user group per ASTM Table 2. (ASTM 7.2.3; CPSC 5.2.1)	X		5	
4. Ramps intended for access have a max. horizontal run of 144". (ASTM 7.2.4)			n/a	
5. Landings w/ play components include wheelchair parking space w/ an adjacent circulation path $\geq 36"$. (ASTM 7.2.5)			n/a	
6. Continuous handrails are provided on both sides of stairs w/ > 1 tread; stairs w/ 1 tread have handrail or alternate means of support; Handrail height between 22-38" beginning at 1st step. (ASTM 7.2.6; CPSC 5.2.3)	X		5	
7. Handrails have diameter between .95-1.55". (ASTM 7.2.6.4; CPSC 5.2.2)	X		5	
8. Arch and flexible climbers not sole means of access for users 2-5. (ASTM 7.3.2.1; CPSC 5.2.1, 5.3.2.2, Table 5)	X		5	
9. Climbers used as access provide a means of hand support for use while climbing. (ASTM 7.3.2.5; CPSC 5.2.2)	X		5	
10. Stairways and stepladders have continuous handrails from access to platform. (ASTM 7.4.1; CPSC 5.2.3)	X		5	
11. Accesses w/o handrails (rung ladders, arch climbers, flexible components, etc.) have alternate hand gripping component to facilitate this transition to platform. (ASTM 7.4.2; CPSC 5.2.4)	X		5	
12. Stepping surface for final access on rung ladders, arch climbers, and flexible components are not connected above the designated play surface they serve. (ASTM 7.4.3; CPSC 5.2.1)	X		5	

Access and Egress (continued)

General Equipment Conditions	Compliant (YES)	Non-comp (NO)	Priority Rating	Comments
13. Head Entrapment... All components pass entrapment and partially-bounded opening tests. Partially bounded openings < 24" H exempt. (ASTM 6.1, 6.1.4, 6.1.4.7(3))		x	2	Park and Street Side - The clutter bridge presents with a head entrapment.
14. Sharp Points and Edges... Eqpt free of splinters, sharp points, edges; tubing is capped; bolts free of burrs, sharp points, and edges. (ASTM 6.2; CPSC 3.4)	x		5	
15. Protrusions... All components pass protrusion test. Nuts, bolts, screws recessed, covered, or sanded smooth and level. (ASTM 6.3; CPSC 3.2)		x	3	Park and Street Side - bolt extenders and exposed nails are present at different areas.
16. Entanglements... No protrusions project upwards > 1/8" from horizontal plane; max. 2 fastener threads protrude through any nut perpendicular to initial surface; any protrusion increasing in diameter from initial surface less than or equal to 1/8" in width and 1/8" in depth is exempt. (ASTM 6.4.2, 6.4.3, 6.4.4)		x	3	Park and Street Side - bolt extenders and exposed nails are present at different areas.
17. Entanglements... All connecting devices (S-hooks, C-hooks, etc.) are closed to within .04"; lower loop of S-hooks does not protrude past the upper loop; lower loop does not overlap. (ASTM 6.4.5.1) Connectors whose interior spaces are completely infilled are exempt. (ASTM 6.4.5.2.1)	x		5	
18. Crush/Shear... All components pass crush shear tests. (ASTM 6.5; CPSC 3.1)		x	3	Street Side - some platforms have planks that present crush hazard.
19. Hardware/General Concerns				
Fasteners are corrosion-resistant or have a corrosion-resistant coating. Fasteners cannot be loosened without tools; nuts and bolts are self-locking or have a means to prevent detachment. (ASTM 4.2.1, 4.2.2; CPSC 2.5.2)	x		5	
Tires do not trap water; tires have no exposed steel belts. (ASTM 4.3; CPSC 3.7)			n/a	
Equipment is free of rust/chipping paint. (CPSC 2.5.4)		x	3	metal components show rust.
Play area is free of tripping hazards. All anchoring devices are installed below ground level and beneath protective surfacing. Surfacing containment border is highly visible. (ASTM 7.3.2.2; CPSC 3.6)		x	2	Concrete footer under the steps for the street side area is exposed.

Platforms, Landings, and Walkways

General Equipment Conditions	Compliant (YES)	Non-comp (NO)	Priority Rating	Comments
1. Platforms are horizontal w/in a tolerance of $\pm 2^\circ$. (ASTM 7.5.1; CPSC 5.1.1)		x	4	Some platforms are bowed and are not horizontal.
2. Platforms, landings, walkways, and ramps do not trap water and accumulate debris. (ASTM 7.5.2; CPSC 5.1.1)	x		5	
3. Platforms, landings, walkways, and ramps, and other elevated surfaces that are accessible to wheelchairs provide a min. 36" clear width; clear width may be reduced to 32" for max. 24". (ASTM 7.5.3)			n/a	
4. Turning and parking spaces provided at a transfer point do not overlap. (ASTM 7.5.4)			n/a	
5. Guardrails contain no designated play surfaces. (ASTM 7.5.5)	x		5	
6. Guardrails are present on elevated surfaces > 20" when intended for 2-5, and > 30" when intended for 5-12. (ASTM 7.5.5.1; CPSC 5.1.3)	x		5	
7. Guardrails surround elevated surface except for access and egress openings; max. clear opening w/o a horizontal top rail is 15". (ASTM 7.5.5.2; CPSC 5.1.3)	x		5	
8. Top surface of guardrails min. 29" when intended for 2-5, and 38" when intended for 5-12. (ASTM 7.5.5.3; CPSC 5.1.3)	x		5	
9. Lower edge of guardrails max. 23" when intended for 2-5, and 28" when intended for 5-12. (ASTM 7.5.5.4; CPSC 5.1.3)	x		5	
10. Wheelchair accessible ramps requiring guardrails for either 2-5 or 5-12 year olds have one handrail on both sides between 20-28" H. (DOJ 2010 Standard Section 1008.2.5)			n/a	
11. Wheelchair accessible ramps have 2" curb at both edges, unless guardrails and barriers don't extend to w/in 1" of ramp surface, or ramp has 2 rails and no barrier, or if barrier is beyond edge of ramp surface. (ASTM 7.5.5.6)			n/a	
12. Barriers contain no designated surface and minimize climbing. (ASTM 7.5.6; CPSC 5.1.3)	x		5	

Platforms, Landings, and Walkways (continued)

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General Equipment Conditions	Compliant (YES)	Non-comp (NO)	Priority Rating	Comments
13. Barriers provided on elevated surfaces > 30" when intended for 2-5, and > 48" when intended for 5-12. (ASTM 7.5.6.1)	x		5	
14. Wheelchair accessible ramps that require barriers have one handrail on both sides between 20-28" H. (DOJ 2010 Standard Section 1008.2.5)			n/a	
15. Barriers surround elevated surface except for access and egress openings; max. clear opening w/o a horizontal top rail is 15". (ASTM 7.5.6.3)	x		5	
16. Top surface of barrier is 29" min. when intended for 2-5, and 38" max. when intended for 5-12. (ASTM 7.5.6.4)	x		5	
17. Adjacent platforms w/ height difference > 12" when intended for 2-5 or > 18" when intended for 5-12 have an access component. (ASTM 7.5.7.1)	x		5	
18. Head Entrapment... All components pass entrapment and partially-bounded opening tests. Partially bounded openings < 24" H exempt. (ASTM 6.1, 6.1.4, 6.1.4.7(3))		x	2	Park and Street Side - The clutter bridge presents with a head entrapment.
19. Sharp Points and Edges... Eqpt free of splinters, sharp points, edges; tubing is capped; bolts free of burrs, sharp points, and edges. (ASTM 6.2; CPSC 3.4)	x		5	
20. Protrusions... All components pass protrusion test. Nuts, bolts, screws recessed, covered, or sanded smooth and level. (ASTM 6.3; CPSC 3.2)		x	3	Park and Street Side - bolt extenders and exposed nails are present at different areas.
21. Entanglements... No protrusions project upwards > 1/8" from horizontal plane; max. 2 fastener threads protrude through any nut perpendicular to initial surface; any protrusion increasing in diameter from initial surface less than or equal to 1/8" in width and 1/8" in depth is exempt. (ASTM 6.4.2, 6.4.3, 6.4.4)		x	3	Park and Street Side - bolt extenders and exposed nails are present at different areas.
22. Entanglements... All connecting devices (S-hooks, C-hooks, etc.) are closed to within .04"; lower loop of S-hooks does not protrude past the upper loop; lower loop does not overlap. (ASTM 6.4.5.1) Connectors whose interior spaces are completely infilled are exempt. (ASTM 6.4.5.2.1)	x		5	
23. Crush/Shear... All components pass crush shear tests. (ASTM 6.5; CPSC 3.1)		x	3	Street Side - some platforms have planks that present crush hazard.

Platforms, Landings, and Walkways (continued)

General Equipment Conditions	Compliant (YES)	Non-comp (NO)	Priority Rating	Comments
24. Hardware/General Concerns				
Fasteners are corrosion-resistant or have a corrosion-resistant coating. Fasteners cannot be loosened without tools; nuts and bolts are self-locking or have a means to prevent detachment. (ASTM 4.2.1, 4.2.2; CPSC 2.5.2)	x		5	
Tires do not trap water; tires have no exposed steel belts. (ASTM 4.3; CPSC 3.7)			n/a	
Equipment is free of rust/chipping paint. (CPSC 2.5.4)		x	3	metal components show rust.
Play area is free of tripping hazards. All anchoring devices are installed below ground level and beneath protective surfacing. Surfacing containment border is highly visible. (ASTM 7.3.2.2; CPSC 3.6)		x	2	Street side - tree roots are present in the use area.

Climbers

General Equipment Conditions	Compliant (YES)	Non-comp (NO)	Priority Rating	Comments
1. Rungs used for hand gripping are .95 – 1.55" in diameter and do not twist or rotate. (ASTM 8.2.1; CPSC 5.2.2)	X		5	
2. No climbing bars in interior of structure onto which a child may fall from H > 18". (CPSC 5.3.2.1.5)	X		5	
3. Freestanding arch and flexible climbers are not recommended for 2-5. (CPSC 5.3.2.2, 5.3.3.3)			n/a	
4. Head Entrapment... All components pass entrapment and partially-bounded opening tests. Partially bounded openings < 24" H exempt. (ASTM 6.1, 6.1.4, 6.1.4.7(3))	X		5	
5. Sharp Points and Edges... Eqpt free of splinters, sharp points, edges; tubing is capped; bolts free of burrs, sharp points, and edges. (ASTM 6.2; CPSC 3.4)	X		5	
6. Protrusions... All components pass protrusion test. Nuts, bolts, screws recessed, covered, or sanded smooth and level. (ASTM 6.3; CPSC 3.2)	X		5	
7. Entanglements... No protrusions project upwards > 1/8" from horizontal plane; max. 2 fastener threads protrude through any nut perpendicular to initial surface; any protrusion increasing in diameter from initial surface less than or equal to 1/8" in width and 1/8" in depth is exempt. (ASTM 6.4.2, 6.4.3, 6.4.4)	X		5	
8. Entanglements... All connecting devices (S-hooks, C-hooks, etc.) are closed to within .04"; lower loop of S-hooks does not protrude past the upper loop; lower loop does not overlap. (ASTM 6.4.5.1) Connectors whose interior spaces are completely infilled are exempt. (ASTM 6.4.5.2.1)	X		5	
9. Crush/Shear... All components pass crush shear tests. (ASTM 6.5; CPSC 3.1)	X		5	
10. Hardware/General Concerns				
Fasteners are corrosion-resistant or have a corrosion-resistant coating. Fasteners cannot be loosened without tools; nuts and bolts are self-locking or have a means to prevent detachment. (ASTM 4.2.1, 4.2.2; CPSC 2.5.2)	X		5	
Tires do not trap water; tires have no exposed steel belts. (ASTM 4.3; CPSC 3.7)	X		5	
Equipment is free of rust/chipping paint. (CPSC 2.5.4)	X		5	
Play area is free of tripping hazards. All anchoring devices are installed below ground level and beneath protective surfacing. Surfacing containment border is highly visible. (ASTM 7.3.2.2; CPSC 3.6)	X		5	

Flexible Components

General Equipment Conditions	Compliant (YES)	Non-comp (NO)	Priority Rating	Comments
1. No single non-rigid component (cable, rope, chain, etc.) is suspended between play units or from ground to play unit within 45° of horizontal, unless > 7' from surface and min. 1" wide. Recommended that suspended components be brightly colored. (ASTM 6.6; CPSC 3.5)	x		5	
2. Ropes are secured at both ends. Not able to create a loop > 5" inside perimeter. (ASTM 6.6.1; CPSC 3.5)	x		5	
3. Cable ends are inaccessible or capped; cables and steel-cored ropes are protected to prevent fraying, loosening, unraveling, or excessive shifting of joints. (ASTM 4.2.3.1)	x		5	
4. Flexible climbers are not the sole means of access to other eqpt components for 2-5 users. (ASTM 7.3.2.1; CPSC 5.2.1, Table 5)	x		5	
5. Flexible components used for access are securely connected at both ends; when one end is connected to the ground, component is anchored beneath the surfacing material. (ASTM 7.3.2.2)	x		5	
6. Flexible components used for access for 2-5 users allow users to bring both feet to the same level. (ASTM 7.3.2.4)	x		5	
7. Flexible components have alternate hand gripping support to facilitate transition to the platform. (ASTM 7.4.2)	x		5	
8. Stepping surface used for final access on flexible climbers is not connected above the designated play surface it serves. (ASTM 7.4.3; CPSC 5.2.4)	x		5	
9. Freestanding flexible climbers, chain and cable walks are not recommended for 2-5. (CPSC 5.2.4)	x		5	
10. Head Entrapment... All components pass entrapment and partially-bounded opening tests. Partially bounded openings < 24" H exempt. (ASTM 6.1, 6.1.4, 6.1.4.7(3))		x	2	Both clutter bridges present a head entrapment at the space near the exit platform.
11. Sharp Points and Edges... Eqpt free of splinters, sharp points, edges; tubing is capped; bolts free of burrs, sharp points, and edges. (ASTM 6.2; CPSC 3.4)		x	5	

Flexible Components (continued)

General Equipment Conditions	Compliant (YES)	Non-comp (NO)	Priority Rating	Comments
12. Protrusions... All components pass protrusion test. Nuts, bolts, screws recessed, covered, or sanded smooth and level. (ASTM 6.3; CPSC 3.2)	X		5	
13. Entanglements... No protrusions project upwards > 1/8" from horizontal plane; max. 2 fastener threads protrude through any nut perpendicular to initial surface; any protrusion increasing in diameter from initial surface less than or equal to 1/8" in width and 1/8" in depth is exempt. (ASTM 6.4.2, 6.4.3, 6.4.4)	X		5	
14. Entanglements... All connecting devices (S-hooks, C-hooks, etc.) are closed to within .04"; lower loop of S-hooks does not protrude past the upper loop; lower loop does not overlap. (ASTM 6.4.5.1) Connectors whose interior spaces are completely infilled are exempt. (ASTM 6.4.5.2.1)	X		5	
15. Crush/Shear... All components pass crush shear tests. (ASTM 6.5; CPSC 3.1)	X		5	
16. Hardware/General Concerns				
Fasteners are corrosion-resistant or have a corrosion-resistant coating. Fasteners cannot be loosened without tools; nuts and bolts are self-locking or have a means to prevent detachment. (ASTM 4.2.1, 4.2.2; CPSC 2.5.2)	X		5	
Tires do not trap water; tires have no exposed steel belts. (ASTM 4.3; CPSC 3.7)	X		5	
Equipment is free of rust/chipping paint. (CPSC 2.5.4)		X	3	Metal chains show rust.
Play area is free of tripping hazards. All anchoring devices are installed below ground level and beneath protective surfacing. Surfacing containment border is highly visible. (ASTM 7.3.2.2; CPSC 3.6)	X		5	

Miscellaneous Equipment

Miscellaneous Equipment Conditions	Compliant (YES)	Non-comp (NO)	Priority Rating	Comments
A. Balance Beams				
1. Top surface of beam is 12" max. for 2-5 and 16" max. for 5-12. (ASTM 8.1.1; CPSC 5.3.1)			n/a	
2. Support posts contain no tripping hazards. (ASTM 8.1.2)			n/a	
B. Sliding Poles				
1. Clearance between structure and pole is 18-20". (ASTM 8.4.1; CPSC 5.3.2.6)	x		5	
2. Upper access is from one elevation only. (ASTM 8.4.2; CPSC 5.3.2.6)	x		5	
3. Sliding pole accessed from a platform is min. 60" above platform. (ASTM 8.4.3; CPSC 5.3.2.6)	x		5	
4. Max. pole diameter is 1.9" (ASTM 8.4.4; CPSC 5.3.2.6)	x		5	
5. Pole is continuous w/ no protruding welds, joints, or abrupt changes in direction. (ASTM 8.4.5; CPSC 5.3.2.6)	x		5	
6. Guardrail or barrier at platform entrance/exit has max. 15" opening. (ASTM 8.4.6; CPSC 5.3.2.6)	x		5	
7. Sliding poles are not recommended for 2-5. (CPSC 5.3.2.6)		x	4	No age signage on equipment.
C. Swinging Gates and Doors				
1. Swinging gates and doors are not recommended for public playgrounds. (ASTM 8.7; CPSC 2.3.1)			n/a	
D. Log Rolls				
1. Handgripping components w/ diameter between .95-1.55" are provided. (ASTM 8.12.1; CPSC 5.3.3)			n/a	
2. Log rolls are not recommended for ages 2-5. (ASTM 8.12.2, 8.12.3; CPSC 5.3.3)			n/a	
3. Max. roller height is 18". (ASTM 8.12.3; CPSC 5.3.3)			n/a	

Miscellaneous Equipment (continued)

Miscellaneous Equipment Conditions	Compliant (YES)	Non-comp (NO)	Priority Rating	Comments
E. Roller Slides				
1. There are no crush, shear, entrapment, entanglement, or catch points between the junctures caused by 2 or more components that will admit the 3/16" dowel. (ASTM 8.9.2; CPSC 5.3.6.3.2)			n/a	
F. Roofs				
1. Roofs that are < 84" above the designated play surface contain no designated play surfaces. (ASTM 8.14.2)	x		5	
2. Support members are designed to discourage climbing and have no designated play surface. (ASTM 8.14.3)	x		5	
G. Stepping Forms				
1. Stepping forms have min. 10" dia. designated play surface, and max. slope of 30°. (ASTM 8.15.1, 8.15.2)			n/a	
2. Stepping forms are max. 20" high when intended for 2-5, and max. 30" high when intended for 5-12. (ASTM 8.15.3)			n/a	
3. Hand supports are present when 2-5 forms are > 20" high; 5-12 forms are > 30" high. Hand supports are between 22-38" above form surface. (ASTM 8.15.3 and .4)			n/a	
4. Stepping forms intended for 2-5 are stationary. Forms above 30" intended for 5-12 are stationary. (ASTM 8.15.5)			n/a	
5. Stepping forms for 2-5 are max. 12" apart. Forms for 5-12 are max. 18" apart. (ASTM 8.15.6)			n/a	
H. Parallel Bars				
1. Parallel bars are not recommended for 2-5. (CPSC 5.3.2)			n/a	

Slides

General Equipment Conditions	Compliant (YES)	Non-comp (NO)	Priority Rating	Comments
1. Transition platform depth is min. 14"; width is ≥ slide bedway width. (ASTM 8.5.2.2, 8.5.2.3; CPSC 5.3.6.2)	x		5	
2. Handrails or means of hand support are provided at chute entrance. A means to channel users into sitting position exists. (ASTM 8.5.3.1, 8.5.3.2; CPSC 5.3.6.2)	x		5	
3. Height/Length ratio < .577 (30°); no span of sliding surface > 50°. (ASTM 8.5.4.1, 8.5.4.2; CPSC 5.3.6.3.4)	x		5	
4. Slide chute width is min. 12" for 2-5, and min. 16" for 5-12. (ASTM 8.5.4.3; CPSC 5.3.6.3.4)	x		5	
5. Slides w/ flat and open chutes have continuous sidewall min. 4" high on both sides. (ASTM 8.5.4.4; CPSC 5.3.6.3.4)	x		5	
6. Tube slides have min. diameter of 23" w/ texture or barrier to prevent sliding on outside. (ASTM 8.5.4.7; CPSC 5.3.6.3.5)	x		5	
7. Slides have min. 11" exit region length; exit region slope is between 0 and -4°. (ASTM 8.5.5.1, 8.5.5.2; CPSC 5.3.6.4)	x		5	
8. Slides < 48" high have max. 11" height at exit; slides > 48" have exit height between 7-15"; slide exit edges are rounded or curved. (ASTM 8.5.5.3, 8.5.5.5; CPSC 5.3.6.4)	x		5	
9. Slide non-entanglement zone has no projections that extend > .12" in any orientation. (ASTM 6.4.1.1.2; CPSC 5.3.6.7)	x		5	
10. Sliding surface is smooth and continuous (except roller slides) and has no spaces that may create an entanglement hazard. (ASTM 6.4.1.2; CPSC 5.3.6.7)	x		5	
11. A clear area, free of obstacles, surrounds the slide chute; clear area extends through slide exit use zone. (ASTM 8.5.6.1)	x		5	
12. Spiral slides w/ open chutes have a clear area 21" wide from the inside edge of sidewall for the entire length. (ASTM 8.5.6.2)	x		5	
13. Slides are accessed by evenly spaced stairs, ladders, or platforms < 9" (2-5) or < 12" (5-12) apart, and pass entrapment test. (ASTM Table 2, CPSC 5.2.1, Table 6)	x		5	
14. Slide bedway is shaded and avoid direct sun exposure to metal decks and chutes. (CPSC 5.3.6)	x		5	

Slides (continued)

General Equipment Conditions	Compliant (YES)	Non-comp (NO)	Priority Rating	Comments
15. Long spiral slides (> 1 360° turn) are not recommended for 2-5. (CPSC 5.3.6.3.3)	x		5	
16. Head Entrapment... All components pass entrapment and partially-bounded opening tests. Partially bounded openings < 24" H exempt. (ASTM 6.1, 6.1.4, 6.1.4.7(3))	x		5	
17. Sharp Points and Edges... Eqpt free of splinters, sharp points, edges; tubing is capped; bolts free of burrs, sharp points, and edges. (ASTM 6.2; CPSC 3.4)	x		5	
18. Protrusions... All components pass protrusion test. Nuts, bolts, screws recessed, covered, or sanded smooth and level. (ASTM 6.3; CPSC 3.2)	x		5	
19. Entanglements... No protrusions project upwards > 1/8" from horizontal plane; max. 2 fastener threads protrude through any nut perpendicular to initial surface; any protrusion increasing in diameter from initial surface less than or equal to 1/8" in width and 1/8" in depth is exempt. (ASTM 6.4.2, 6.4.3, 6.4.4)	x		5	
20. Entanglements... All connecting devices (S-hooks, C-hooks, etc.) are closed to within .04"; lower loop of S-hooks does not protrude past the upper loop; lower loop does not overlap. (ASTM 6.4.5.1) Connectors whose interior spaces are completely infilled are exempt. (ASTM 6.4.5.2.1)	x		5	
21. Crush/Shear... All components pass crush shear tests. (ASTM 6.5; CPSC 3.1) Roller slides do not admit 3/16" neoprene rod. (CPSC 5.3.6.3.2)	x		5	
22. Hardware/General Concerns				
Fasteners are corrosion-resistant or have a corrosion-resistant coating. Fasteners cannot be loosened without tools; nuts and bolts are self-locking or have a means to prevent detachment. (ASTM 4.2.1, 4.2.2; CPSC 2.5.2)	x		5	
Tires do not trap water; tires have no exposed steel belts. (ASTM 4.3; CPSC 3.7)			n/a	
Equipment is free of rust/chipping paint. (CPSC 2.5.4)		x	3	metal parts show rust.
Play area is free of tripping hazards. All anchoring devices are installed below ground level and beneath protective surfacing. Surfacing containment border is highly visible. (ASTM 7.3.2.2; CPSC 3.6)		x	2	Tree roots are present in the use zone.

Track Rides

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General Equipment Conditions	Compliant (YES)	Non-comp (NO)	Priority Rating	Comments
1. Track rides are not recommended for children under age 5. (ASTM 8.13.1; CPSC 5.3.2.7)		x	4	Recommended age use signs not found.
2. Handgripping component is min. 64" and max. 78" above surfacing. (ASTM 8.13.2; CPSC 5.3.2.7)	x		5	
3. Elevated platforms have landing space w/ min. 36" length and min. 32" width. (ASTM 8.13.3)	x		5	
4. Track ride prevents structural elements from obstructing user in landing area. (ASTM 8.13.4)	x		5	
5. An unobstructed clear zone is maintained throughout the length of travel. (ASTM 8.13.5; CPSC 5.3.2.7)	x		5	
6. Center to center distance between adjacent tracks is min. 48". (ASTM 8.13.6; CPSC 5.3.2.7)	x		5	
7. Track assembly is exempt from crush and shear requirements when rolling portions of the handgripping component are enclosed w/in the track beam. (ASTM 8.13.7; CPSC 5.3.2.7)	x		5	
8. Head Entrapment... All components pass entrapment and partially-bounded opening tests. Partially bounded openings < 24" H exempt. (ASTM 6.1, 6.1.4, 6.1.4.7(3))	x		5	
9. Sharp Points and Edges... Eqpt free of splinters, sharp points, edges; tubing is capped; bolts free of burrs, sharp points, and edges. (ASTM 6.2; CPSC 3.4)	x		5	
10. Protrusions... All components pass protrusion test. Nuts, bolts, screws recessed, covered, or sanded smooth and level. (ASTM 6.3; CPSC 3.2).	x		5	
11. Entanglements... No protrusions project upwards > 1/8" from horizontal plane; max. 2 fastener threads protrude through any nut perpendicular to initial surface; any protrusion increasing in diameter from initial surface less than or equal to 1/8" in width and 1/8" in depth is exempt. (ASTM 6.4.2, 6.4.3, 6.4.4)	x		5	

Track Rides (continued)

General Equipment Conditions	Compliant (YES)	Non-comp (NO)	Priority Rating	Comments
12. Entanglements... All connecting devices (S-hooks, C-hooks, etc.) are closed to within .04"; lower loop of S-hooks does not protrude past the upper loop; lower loop does not overlap. (ASTM 6.4.5.1) Connectors whose interior spaces are completely infilled are exempt. (ASTM 6.4.5.2.1)	x		5	
13. Crush/Shear... All components pass crush shear tests. (ASTM 6.5; CPSC 3.1)	x		5	
14. Hardware/General Concerns				
Fasteners are corrosion-resistant or have a corrosion-resistant coating. Fasteners cannot be loosened without tools; nuts and bolts are self-locking or have a means to prevent detachment. (ASTM 4.2.1, 4.2.2; CPSC 2.5.2)	x		5	
Tires do not trap water; tires have no exposed steel belts. (ASTM 4.3; CPSC 3.7)			n/a	
Equipment is free of rust/chipping paint. (CPSC 2.5.4)		x	3	metal parts show rust.
Play area is free of tripping hazards. All anchoring devices are installed below ground level and beneath protective surfacing. Surfacing containment border is highly visible. (ASTM 7.3.2.2; CPSC 3.6)	x		5	

Upper Body Equipment

General Equipment Conditions	Compliant (YES)	Non-comp (NO)	Priority Rating	Comments
1. Maximum distance between rungs is 15" for 5-12 and 12" for 4-5. (ASTM 8.3.1; CPSC 5.3.2.4)	X		5	
2. Hand gripping components have diameter between .95-1.55" and do not twist or rotate. (ASTM 8.3.1.1; CPSC 5.2.2)	X		5	
3. Horizontal distance from take-off or landing structure or both to 1st handhold not > 10". If accessed by rungs, horizontal distance to 1st rung is 8-10". (ASTM 8.3.2; CPSC 5.3.2.4)	X		5	
4. Max. height for 4-5 users is 60"; max. height for 5-12 users is 84"; max. height for wheelchair users is 54". (ASTM 8.3.3; CPSC 5.3.2.4)	X		5	
5. Max. height of take-off/landing platform for 4-5 is 18" and for 5-12 is 36". (ASTM 8.3.4; CPSC 5.3.2.4)	X		5	
6. Moveable hanging rings/rungs have max. length of 15" from pivot point to bottom of rung; flexible elements (chain, cable, etc) max. length is 7". (ASTM 8.3.5; CPSC 5.3.2.5)	X		5	
7. Overhead rings are not recommended for 2-3, 4-12; is okay. (CPSC 5.3.2.5)	X		5	
8. Head Entrapment... All components pass entrapment and partially-bounded opening tests. Partially bounded openings < 24" H exempt. (ASTM 6.1, 6.1.4, 6.1.4.7(3))	X		5	
9. Sharp Points and Edges... Eqpt free of splinters, sharp points, edges; tubing is capped; bolts free of burrs, sharp points, and edges. (ASTM 6.2; CPSC 3.4)	X		5	
10. Protrusions... All components pass protrusion test. Nuts, bolts, screws recessed, covered, or sanded smooth and level. (ASTM 6.3; CPSC 3.2)	X		5	
11. Entanglements... No protrusions project upwards > 1/8" from horizontal plane; max. 2 fastener threads protrude through any nut perpendicular to initial surface; any protrusion increasing in diameter from initial surface less than or equal to 1/8" in width and 1/8" in depth is exempt. (ASTM 6.4.2, 6.4.3, 6.4.4)	X		5	

Upper Body Equipment (continued)

General Equipment Conditions	Compliant (YES)	Non-comp (NO)	Priority Rating	Comments
12. Entanglements... All connecting devices (S-hooks, C-hooks, etc.) are closed to within .04"; lower loop of S-hooks does not protrude past the upper loop; lower loop does not overlap. (ASTM 6.4.5.1) Connectors whose interior spaces are completely infilled are exempt. (ASTM 6.4.5.2.1)	x		5	
13. Crush/Shear... All components pass crush shear tests. (ASTM 6.5; CPSC 3.1)	x		5	
14. Hardware/General Concerns				
Fasteners are corrosion-resistant or have a corrosion-resistant coating. Fasteners cannot be loosened without tools; nuts and bolts are self-locking or have a means to prevent detachment. (ASTM 4.2.1, 4.2.2; CPSC 2.5.2)	x		5	
Tires do not trap water; tires have no exposed steel belts. (ASTM 4.3; CPSC 3.7)			n/a	
Equipment is free of rust/chipping paint. (CPSC 2.5.4)		x	3	Metal parts show rust.
Play area is free of tripping hazards. All anchoring devices are installed below ground level and beneath protective surfacing. Surfacing containment border is highly visible. (ASTM 7.3.2.2; CPSC 3.6)	x		5	

Summary of Non-Compliances and Comments

Auditor: Deborah Kravatz Supervisor: _____ Date: 05/10/2016

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Summary of Priority 1 Safety Concerns	
1.	N/A
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Summary of Priority 2 Safety Concerns
1. Both play areas are in need of adequate levels of protective surfacing.
2. The street side area has tree roots in the use zone that present a trip hazard.
3. The clutter bridges on both structures have head entrapments where the bridge meets the platform.
4. On the street side, a concrete footer is exposed under the set of steps.
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Summary of Priority 3 Safety Concerns	
1.	All metal components show various levels of rusting.
2.	Wooden components on each play area are damaged from the elements and show decay.
3.	Play areas have bolt fasteners and exposed nails that are protrusions and can cause an entanglement. +
4.	Some platforms have planks that can present a crush hazard.
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Summary of Priority 4 Safety Concerns	
1.	Platforms on both play areas are bowed and not level.
2.	No intended age use signs could be located for both play areas.
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ATTACHEMENT

SITE PHOTOGRAPHS



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Canal Park



Crush/Shear hazard-tower platform



Crush/Shear hazard – boat roof



Use Zone between walkway and crab bridge

George Smith Park



Exposed nail on handrail post



Crush hazard in platform



Bolt fasteners exposed



Rotten wood on platform