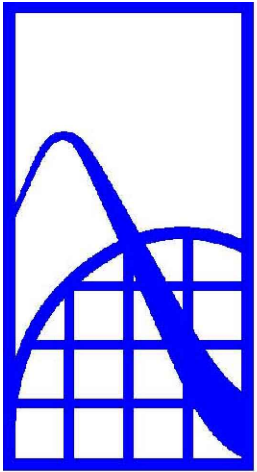


**BUILDING INSTALL DATES**

- = BEFORE 1983
- = 1983 to 1986
- = 1986 to 1998
- = 1998 to 2014
- = AFTER 2014



**Kings Island**

Cedar Fair Entertainment Company

**MAIN PARK SITE PLAN**

Scale: 1" = 150'

Date: 3.02.2017





## **Kings Island Site Plan Narrative**

Kings Island is a 618 acre amusement park with around 310 different buildings and structures. Many of these buildings do not have plumbing or drinking water services and will not be addressed in this narrative. Kings Island has never used lead fixtures or piping, but due to the amount of plumbing contained within the park there is no absolute way to identify what solder was used during installation or the lead content in the fixtures. Laws that have been passed restricting the use of lead and lead-bearing materials have made it easier to determine potential problem areas.

For the following building number references, refer to the Main Park Site Plan.

### **Buildings built before 1983:**

102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 118, 132, 136, 200, 202, 204, 207, 211, 212, 213, 217, 231, 232, 301, 302, 307, 325, 326, 327, 328, 400, 402, 403, 404, 405, 410, 413, 500, 502, 503,

509- Oktoberfest restroom was built before 1983, but all the brass fixtures were replaced in 2016 and contain <0.25% lead.

609, 612, 700, 701, 702, 703, 704, 800, 801, 802, 804, 805, 806, 807, 808, 810, 817, 818, 822, 823 and 826.

These buildings are some of the oldest buildings in the park. All of these buildings are Tier 2 sites and have copper service lines. The solder used in these buildings could be lead-bearing. The brass fixtures may contain a percentage of lead, but most faucets have been replaced more recently. The exact ages of most fixtures are unknown.

### **Buildings built between 1983 and 1986:**

221, 303, 319, 336, 705, 708 and 809.

These buildings are all Tier 1 sites and have copper service lines. The solder used in these buildings could be lead-bearing. The brass fixtures may contain a percentage of lead, but most faucets have been replaced more recently. The exact ages of most fixtures are unknown.

### **Buildings built between 1986 and 1998:**

124, 215, 220, 224, 236, 248, 251, 401, 406, 407, 426, 433, 434, 606, 610, 613, 615, 621, 622, 706, 707, 711, 902, 904, 917, 918, 919, 920, 922, 929, 932, 933 and 934.

These buildings are all Tier 1 sites and have copper service lines. Some of the water mains installed underground during this time period were PVC. Most of our water mains are looped to prevent dead areas, so it is hard to determine flow direction and which buildings are fed solely by PVC mains. These sites were built after the SDWA was amended to ban solder with lead content >0.2%. The brass fixtures may contain a percentage of lead, but the exact percentage of lead is unknown.

### **Buildings built between 1998 and 2014:**

## Kings Island Site Plan Narrative

226, 228, 247, 305, 317, 321, 422, 440, 445, 449,

507- Hanks Burrito shack is an original building to the park but was completely remodeled with new plumbing and fixtures between 1998 and 2014

513, 517, 603, 607, 628, 935, 943 and 945.

These buildings are all Tier 1 sites and have copper service lines. Some of the water mains installed underground during this time were PVC. These sites were built after the plumbing code was changed to require all “lead free” fixtures to contain no more than 8.0% lead.

### **Buildings built after 2014:**

122- Baby Care was built in 2016 and contains all CPVC plumbing. The brass fixtures are all “lead free” and contain no more than 0.25% lead.

308- Rivertown Funnel Cakes was built in 2016 and has a polyethylene service line. The interior plumbing is partially copper and partially PEX. The brass fixtures are all “lead free” and contain no more than 0.25% lead.

310, 311, 337, 511, 600,

815- Large Plush Barn is an older building, but the water service was just installed in 2016. It is polyethylene and only feeds one hose bib.

924, 936, 937, 946 and 954.

These buildings are the newest buildings in the park and were installed after the SDWA was changed to require all “lead free” fixtures to contain no more than 0.25% lead. Some of these buildings still contain copper plumbing, but have the lowest percentage of lead.

## VERIFICATION FORM FOR COMMUNITY PUBLIC WATER SYSTEMS CLAIMING NO LEAD SERVICE LINES

The owner or operator of all community public water systems must identify and map areas of their distribution system that are known or are likely to contain lead service lines. Systems must submit a copy of the applicable map to the Ohio Department of Health and the Ohio Department of Job and Family Services. Systems must also submit a report to the director containing at least both of the following: (1) The applicable map with narrative, and (2) A list of sampling locations used to collect samples as required by Ohio Revised Code (ORC) Section 6109.121 and any rules adopted thereunder, including contact information for the owner and occupant of each sampling site.

Should a water system determine no lead service lines exist in their distribution system, they must provide information stating they reviewed, at the minimum, historical permit records and local ordinances, distribution maintenance records and information pertaining to installation dates or materials for all services lines. This information must be verified below.

I HEREBY CERTIFY THAT THE FOLLOWING METHOD(S) WERE USED TO DETERMINE NO LEAD SERVICE LINES EXIST IN THIS WATER SYSTEM'S DISTRIBUTION SYSTEM, AS REQUIRED BY ORC 6109.121(F):

LEAD SERVICE LINE VERIFICATION
<p><b>This PWS states they have no lead service lines and has reviewed the following information (select one or more of the following):</b></p> <ul style="list-style-type: none"><li><input type="checkbox"/> Historical permit records and/or local ordinances</li><li><input type="checkbox"/> Distribution maintenance records (i.e. meter replacement, waterline break repairs)</li><li><input checked="" type="checkbox"/> Information pertaining to installation dates for all service lines (i.e. after 1986 when lead services lines were banned)</li><li><input type="checkbox"/> Service line material of all service lines is known (i.e. all service lines are known to be PVC)</li></ul>

  
Signature of Responsible Person      Date 3.06.17

JEFFREY W. GRAMKE MGR. FACILITIES, ENGINEERING & CONST.  
Printed Name and Title of Responsible Person

PWS NAME: KINGS ISLAND  
PWS ID: OH 8345615  
COUNTY: WARREN

### For Ohio EPA use only:

Date Verification Rec'd: \_\_\_\_\_