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LEAD SERVICE LINES AND FIXTURE MAPPING PROJECT

NARRATIVE

KIMBERLY ESTATES PWS ID: OH2803312, GEAUGA COUNTY

Kimberly Estates consists of 77 SFRs and 20 MFRs, made up of 20 condos in 10 buildings.

The majority of SFRs were built between 1974 and 1978 on three roads: Kimmeridge Trail, Meadowlark Lane and Morningstar Court. In 1981, Guinevere Drive and King Arthur Court were added and SFRs built on those two roads between 1982 and 1992.

The MFRs condos were built in two phases on Scranton Court. Phase one included 10 condos in 5 buildings built in 1977 and phase two was built in 1979 with 10 condos in 5 buildings.

The developer of Kimberly Estates installed both a water and a wastewater system.

The water distribution system consists of ductile iron concrete lined water mains with copper service connections to the SFRs and MFRs. This information has been verified by contractors who have made repairs to the water distribution system.

Because it is practically impossible to determine the lead content of an installed fixture, fitting or pipe, it should be assumed that the manufacture or installation date is the primary indicator of the lead content. Therefore, the characteristics of buildings and piping solder or fixtures would be buildings in Ohio built prior to 1998 or that use plumbing material or solder manufactured before 1998 may have materials with greater than 8% lead and are at a higher risk of contributing lead to the drinking water than materials manufactured after 1998. In addition, buildings built and plumbing materials manufactured after 2014 were required to have less than .25% lead by weight and have the lowest risk for contributing lead to the drinking water. It should be noted however that, although prohibited, some use of leaded solder or leaded components may have occurred after the prohibitions became effective.

For the purpose of this Lead Service Line & Fixture Mapping Project, five homes built between 1989 & 1992 have been selected as Lead and Copper Sample Monitoring Points, which places these homes in Tier 1 SFRs with CuPb>82.

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Entity: Kimberly Estates
Doc Type: RepPA
Doc Subtype:
Program: DDAGW
County: Geauga
Secondary ID: OH2803312
eDOC in color

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
This PWS states they have no lead service lines and has reviewed the following information (select one or more of the following): ☐ Historical permit records and/or local ordinances ☑ Distribution maintenance records (i.e. meter replacement, waterline break repairs) ☐ Information pertaining to installation dates for all service lines (i.e. after 1986 when lead services lines were banned) ☐ Service line material of all service lines is known (i.e. all service lines are known to be PVC)

John Wilder 2/25/17

Signature of Responsible Person Date

JOHN WILDER OPERATOR

Printed Name and Title of Responsible Person

PWS NAME: KIMBERLY ESTATES
PWS ID: OH 2803312
COUNTY: GEAUGA

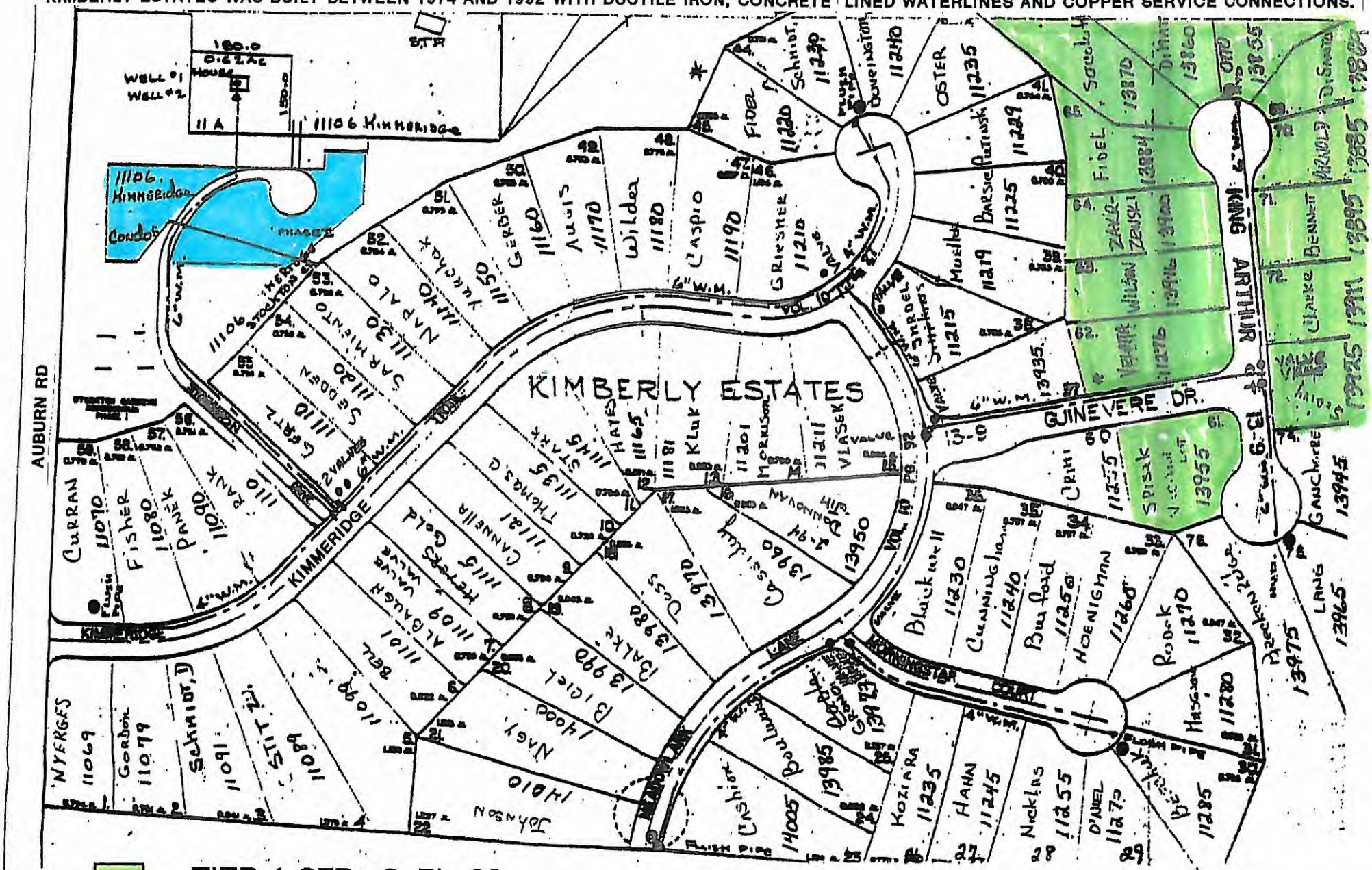
For Ohio EPA use only:

Date Verification Rec'd: _____

KIMBERLY ESTATES GEAUGA COUNTY PWS# OH2803312

MAP OF LEAD SOLDER PIPING AND LEAD SOLDER FIXTURES RESIDENCES

KIMBERLY ESTATES WAS BUILT BETWEEN 1974 AND 1992 WITH DUCTILE IRON, CONCRETE LINED WATERLINES AND COPPER SERVICE CONNECTIONS.


KIMBERLY ESTATES
AUBURN RD
KIMMERIDGE
GUINEVERE DR.
KING ARTHUR
11106 KIMMERIDGE
11106 KIMMERIDGE CONDOS
WELL #1
WELL #2
HOUSE
11A
STR
Curran 11070
Fisher 11080
Panek 11090
Nyerges 11069
Gordon 11079
Schmidt, D 11091
Stitz 11089
Bell 11099
Johnson 14010
Nagy 14005
Bigel 13990
Talke 13980
Dass 13970
Cannella 11121
Kretchmer 11109
Albaugh 11101
Gold 11115
Thomas 11131
Stark 11139
Hayes 11165
Kluk 11181
Morrison 11201
Vlasek 11211
Casiglia 13960
Dorsey 13950
Cushing 14005
Bedwell 13985
Koziara 11235
Hahn 11245
Nicklas 11255
D'Nuel 11275
Beck 11285
Blackwell 11230
Cunningham 11240
Bufford 11250
Hoenigan 11260
Rook 11270
Hascall 11280
Lang 13965
Ganchoff 13945
Spisak 13955
Crini 11255
Fibel 11220
Schmidt 11230
Downington 11240
Oster 11235
Barsic 11225
Muellar 11219
Griesmer 11210
Casprio 11190
Wilder 11180
Annis 11170
Gerdek 11160
Yurchak 11150
Napalo 11140
Sarmiento 11130
Segden 11120
Gertz 11110
Frank 11100
Fibel 13870
Zalip-Zeuski 13884
Williams 13896
Bennett 13895
Clarke 13885
Arnold 13875
Dissard 13865
Valve Vault 13935
Valve Vault 13955
Valve Vault 13975
Valve Vault 13985
Valve Vault 13950
Valve Vault 13960
Valve Vault 13970
Valve Vault 13980
Valve Vault 13990
Valve Vault 14005
Valve Vault 13945
Valve Vault 13965
Valve Vault 13975
Valve Vault 13985
Valve Vault 13995
Valve Vault 13885
Valve Vault 13895
Valve Vault 13875
Valve Vault 13865
Valve Vault 13935
Valve Vault 13955

KIMBERLY ESTATES GEAUGA COUNTY PWS#OH2803312

MAP OF LEAD SOLDER PIPING AND LEAD SOLDER FIXTURES RESIDENCES

MAP INFORMATION CONTINUED

Because it is practically impossible to determine the lead content of an installed fixture, fitting or pipe, it should be assumed that the manufacture or installation date is the primary indicator of the lead content. Therefore, the characteristics of buildings and piping solder or fixtures would be buildings in Ohio built prior to 1998 or that use plumbing material or solder manufactured before 1998 may have materials with greater than 8% lead and are at a higher risk of contributing lead to the drinking water than materials manufactured after 1998. In addition, buildings built and plumbing materials manufactured after 2014 were required to have less than .25% lead by weight and have the lowest risk for contributing lead to the drinking water. It should be noted however that, although prohibited, some use of leaded solder or leaded components may have occurred after the prohibitions became effective.

File/mac/word/jkewa/lead solder map for KEWA 2-2017

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