



Facilities Management & Services
2455 Presidential Drive
Dayton, Ohio 45435

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Southwest District

Potential of Lead Content in WSU Water Service Piping

Wright State University has a water system that is supplied by two wells and a Water Treatment Plant rated at 1,000,000 gallon per day. The Plant is located near Kauffman Road. The system pressure is maintained by a 125,000 gallon elevated storage tank located just west of University Blvd. The system is supported by interconnections to the City of Fairborn, Ohio municipal water system, which are typically closed.

The WSU water system serves approximately 30 buildings of various ages on the main campus. Pursuant to Ohio Revised Code Section 6109.121, the University has created a map of potential for lead content in water service pipes throughout the campus. As indicated on the map, a large percentage of the system underground mains were replaced in 2012 with Schedule 80 plastic pressure piping with push on joints. All of the system fire hydrants were also replaced at that time. All of the mains replaced in 2012 were found to be ductile iron water main and no lead pipes were found. Based on this, there is a strong likelihood that all remaining existing non-plastic water main is ductile iron. There is no institutional knowledge of any buried lead piping in the system.

The buildings on campus were constructed starting in the 1960's. No water service distribution piping within any of the buildings is known to be lead. Based on the age of the buildings, there is a possibility of solder pipe joints that contain lead. The buildings have been color coded for the possibility of lead solder based on their age in the following manner:

Building Construction Date earlier than 1998	Moderate Risk
Building Construction Date between 1998 – 2014	Low Risk
Building Construction Date later than 2014	Lowest Risk

**WATER LINES
ENTIRE CAMPUS**

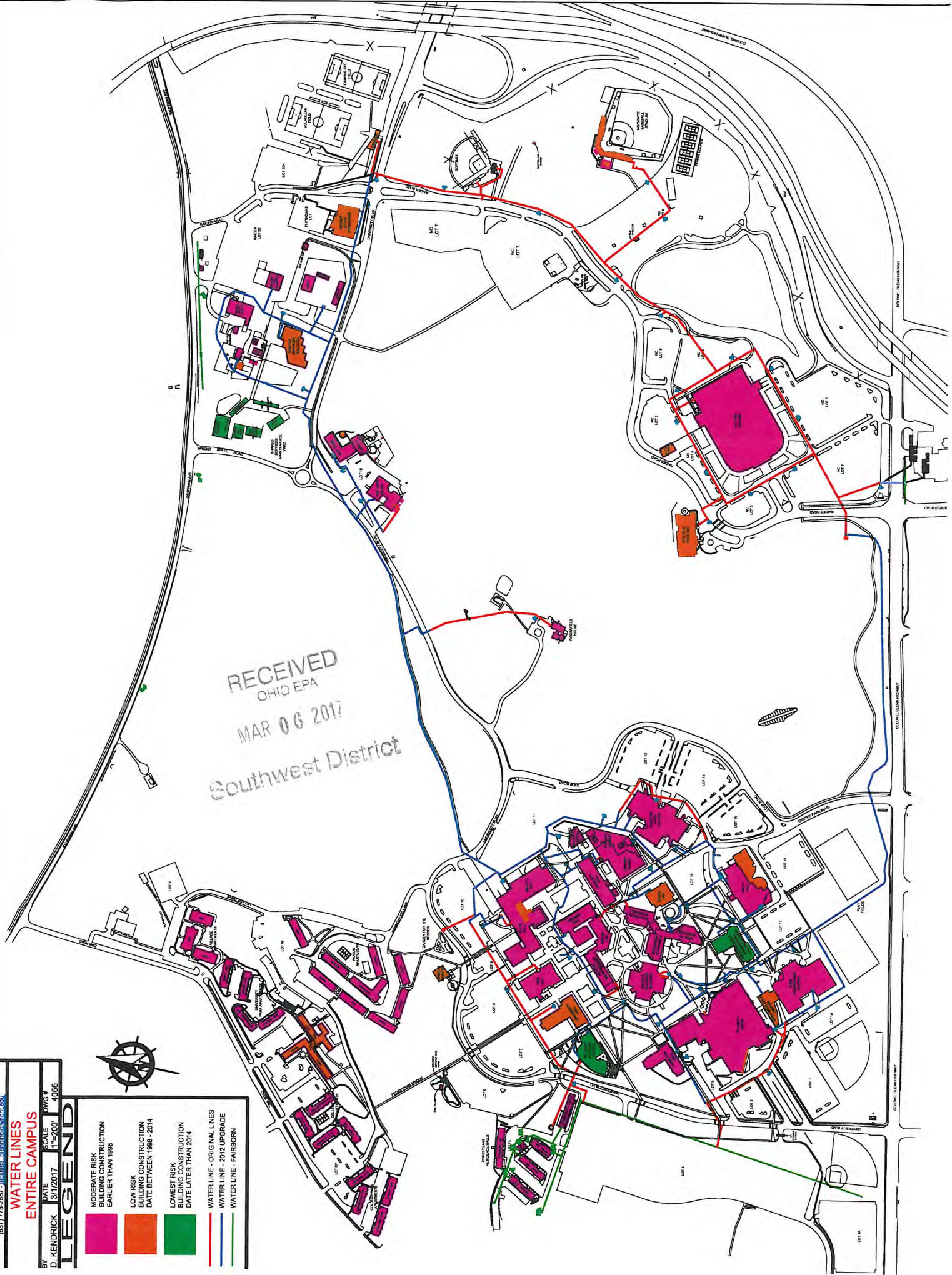
BY	DATE	SCALE	DWG #
D. KENDRICK	3/1/2017	1"=200'	4066

TECHNICAL

- MODERATE RISK
BUILDING CONSTRUCTION
EARLIER THAN 1998
- LOW RISK
BUILDING CONSTRUCTION
DATE BETWEEN 1998 - 2014
- LOWEST RISK
BUILDING CONSTRUCTION
DATE LATER THAN 2014
- WATER LINE - ORIGINAL LINE
- WATER LINE - 2012 UPGRADE
- WATER LINE - FARBORN



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Moderate Risk

TR	National Center For Medical Readiness - Training Ctr	1954
TW	National Center For Medical Readiness - Warehouse	1954
FG	Fels Garage	1955
FD	Waste Storage Facility	1955
TUN	Tunnels	1964
AL	Allyn Hall - NA	1964
GH	Gas House	1964
PH	Pump House	1964
OH	Oelman Hall	1966
MH	Millett Hall	1966
SU	Student Union - University Center	1967
FH	Fawcett Hall	1967
CI	Cox Institute	1967
FB	Fine Arts Building	1969
RF	Rockafeld Alumni Center	1969
HH	Hamilton Living Learning Center	1970
AL	Allyn Hall - Receiving	1971
WT	Water Tower	1971
KC	Kettering Center	1971
DH	Dwyer Hall - NA	1971
SU	Student Union - UC Expansion	1972
FS	Flammable Storage	1972
SU	Student Union - PE Building	1973
DL	Dunbar Library	1973
CA	Creative Arts Center - NA	1973
TV	Motion Picture	1973
BL	Brehm Laboratory	1973
BS	Biological Science - NA	1975
BS	Biological Science - Phase II	1976
MS	Medical Science	1976
AL	Allyn Hall - Student Services	1977
HZ	Chemical Waste Storage Facility	1977
AR	Laboratory Animal Receiving	1978
VW	Vehicle/Water Facility	1978
ES	Primary Electric	1979
OA	1250 Forest Lane - (Aspen)	1979
MG	Metal Garage	1979
BL	Brehm Laboratory - Brehm Lab 2nd Floor	1980
CC	Community Center	1980
PM	Portable Metal Garage	1980
KB	Lot 20 Bus Shelter	1980
TL	Trenary Lab	1980
AN	Andrews Hall	1980
OB	1251 Forest Lane - (Sycamore)	1980
OC	1282 Forest Lane - (Palms)	1980
OD	1320 Forest Lane - (Sequoia)	1980
AS	Apartment Service Building	1980
SH1	South Campus Building 1	1981
WH	White Hall	1981
RK	Rike Hall	1981

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Low Risk	ZF	Foundation Building (3070 Presidential Drive)	1984
	HS	Health Sciences	1984
	MM	Mathematical & Microbiological Sciences	1984
	SS	Salt Storage	1985
	PA	Pole Barn - A	1986
	GL	G. L. Field Equip Base	1986
	RE	Research Park	1986
	CD	Child Develop Center	1987
	SH2	South Campus Building 2	1988
	DL	Dunbar Library - Library Annex	1988
	EI	Duke E Ellis H D Inst	1989
	CA	Creative Arts Center - Theatre Wing	1990
	CA	Creative Arts Center - Music Wing	1990
	FB	Fine Arts Building - Scene Shop	1990
	NC	Ervin J Nutter Center	1990
	RC	Russ Egr. Center	1992
	PB	Pole Barn - B	1993
	SU	Student Union	1994
	MM	Mathematical & Microbiological Sciences - West End	1995
	CD	Child Develop Center - Chd Devlp Addition	1996
	CS	Campus Services Bldg.	1998
	EC	Earth Covered Storage Bldg.	1998
	UH	University Hall	1999
	AL	Allyn Hall - Kitchen	2000
	BF	Baseball Facility	2000
	AG	Animal Conditioning	2002
	SB	Softball Press Box	2002
	HC	Honors Community	2002
	SZ	Setzer Pavilion	2005
	RC	Russ Egr. Center - Joshi Research Ctr	2006
	SB2	Alumni Soccer Press Box	2006
	WH	White Hall - White Hall Expansion	2007
	DG	Diggs Laboratory	2007
	DP	Wingerd Service Dog Park	2011
	NB	Lot 8 Bus Shelter	2012
	RZ	Rinzler Student Athletic Complex	2012
	RS1	Rinzler Shelter - 1	2012
	RS2	Rinzler Shelter - 2	2012
	TB1	Rinzler Ticket Booth	2012
	GE	GEO/BIO Dome	2012
	WS	Wright State Physicians	2012
	SB3	Baseball Press Box	2013
	CM	Campus Catholic Ministry	2013
Lowest Risk	NE	Neuroscience Engineering Collaboration	2015
	SC	Student Success Center	2015
	OT1	WSU Equipment Storage	2015
	OT2	ODOT Equipment Storage	2015
	OT3	Open Barn	2015
	OT4	Shared Salt Barn	2015