

RE: Briarwood Estates MHP
Report
Drinking Water Program
Richland County
PWS ID: OH7000112

Schramm, Lara

From: Stefan, Bridget
Sent: Tuesday, March 14, 2017 7:59 AM
To: Schramm, Lara
Subject: FW: Briarwood Estates MHP OH7000112 Lead Map

Update for Briarwood Maps

Bridget Stefan
Direct: 419-419-3691

RECEIVED

MAR 13 2017

From: coachv81274@yahoo.com [mailto:coachv81274@yahoo.com]
Sent: Monday, March 13, 2017 7:57 PM
To: Stefan, Bridget <Bridget.Stefan@epa.ohio.gov>
Subject: Re: Briarwood Estates MHP OH7000112 Lead Map

DDAGW - NWDO

Bridget,

Will you please attach the following to our lead map for Briarwood MHP
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 0.25% 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.

Thank you, Jason VanSickle

Sent from my iPhone

On Mar 13, 2017, at 3:52 PM, "Bridget.Stefan@epa.ohio.gov" <Bridget.Stefan@epa.ohio.gov> wrote:

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 0.25% 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.

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MAR 08 2017

OHIO E.P.A.
N.W.D.O.

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

James V. Houch 3-6-17
 Signature of Responsible Person Date
James V Houch, Managing
 Printed Name and Title of Responsible Person
 member

PWS NAME: Briarwood MHP
 PWS ID: OH 7000112
 COUNTY: Richland

<p>For Ohio EPA use only:</p> <p>Date Verification Rec'd: _____</p>
--

North

MH #5
11+50

SPECIFICATIONS

WATER MAINS:

- 1) WATER MAINS TO BE PLASTIC PIPE "BELL-TITE" AS MANUFACTURED BY THE ANESITE DIVISION OF CLOW CORP. OR APPROVED EQUAL. PIPE SHALL CONFORM TO ALL REQUIREMENTS OF STANDARD CS-250-63 FOR PVC PIPE AND PRESSURE RATED AT 160 PSI.
- 2) MINIMUM DEPTH OF WATER MAINS WILL BE 36".

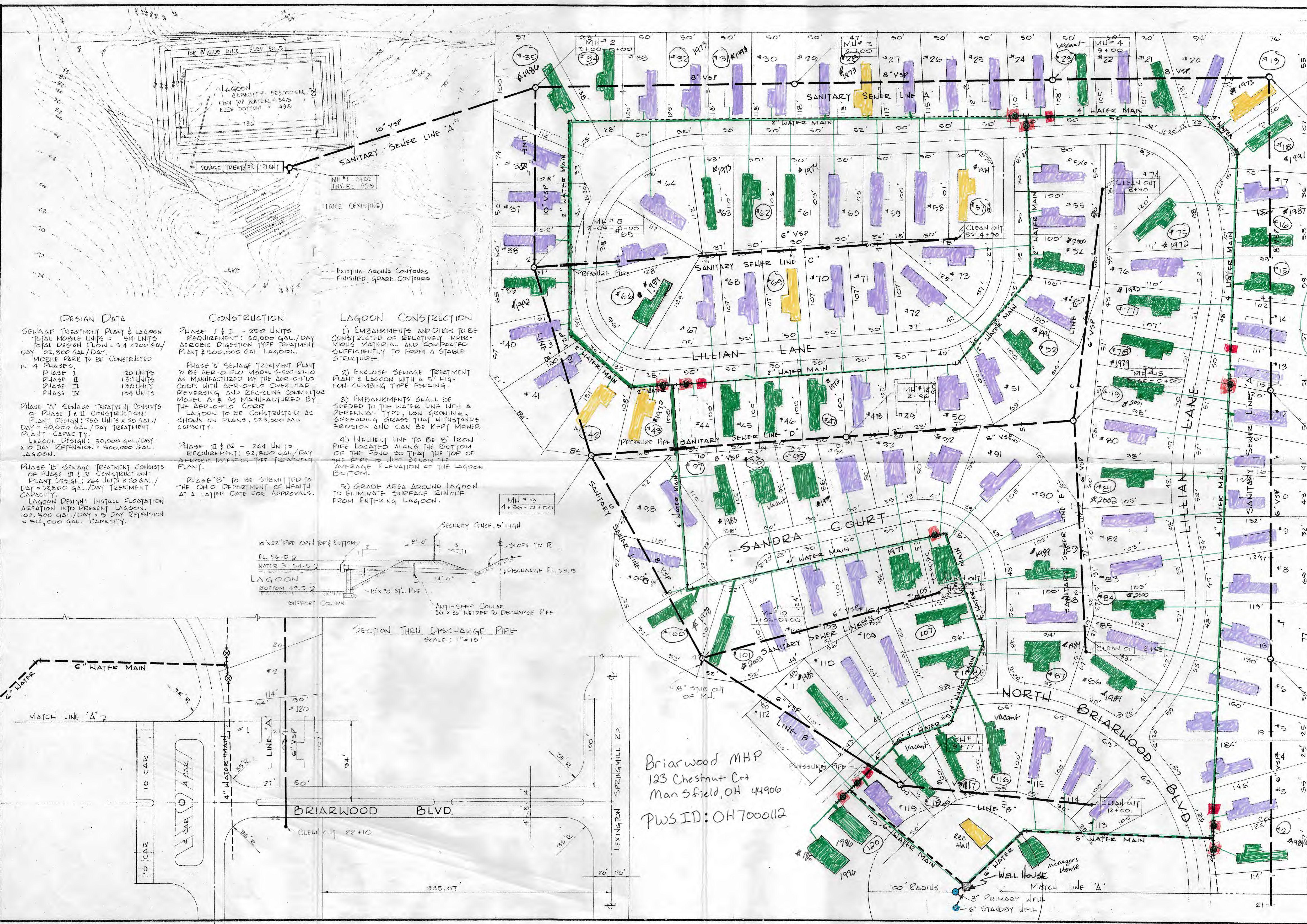
MH #6
15+06

SANITARY SEWER LINES & MANHOLES

- 1) ALL SANITARY SEWERS TO BE LAID TO LINE GRADE AS INDICATED BY THE IMPROVEMENT PLANS AND PROFILES.
- 2) ALL SEWER PIPE SHALL BE VITRIFIED CLAY BELL AND SPIGOT PIPE, ASTM C-200, WITH COMPRESSION JOINTS AS DEFINED BY ASTM C-425, TYPE III.
- 3) MANHOLES TO BE PRE-CAST CONCRETE MANHOLE SECTIONS AND CONFORM TO ASTM C-478 AND THE JOINTS BETWEEN SECTIONS SHALL CONFORM TO ASTM C-443.
- 4) NO ROOF DRAINS, STORM WATER DRAINS NOR OTHER CLEAR WATER CONNECTIONS SHALL BE ALLOWED TO FLOW INTO SANITARY SEWER LINES.
- 5) ALL SEWER LINE CROSSINGS WITH THE WATER MAIN SHALL BE PRESSURE PIPE FOR 10' EACH WAY FROM THE WATER MAIN.

MH #7
18+16

- - Non Lead (plastic/per)
- - possible Lead (copper)
- - unknown
- - wells
- - Fire Hydrants
- - Shut offs
- ★ - year M.H. built



Briarwood MHP
123 Chestnut Cr
Man 5 field, OH 44906
PWS ID: OH7000112

DESIGN DATA

SEWAGE TREATMENT PLANT & LAGOON
TOTAL MOBILE UNITS = 514 UNITS
TOTAL DESIGN FLOW = 514 X 200 GAL/DAY = 102,800 GAL/DAY
LAGOON DESIGN: 50,000 GAL/DAY X 10 DAY RETENTION = 500,000 GAL. CAPACITY.

PHASE I - 120 UNITS
PHASE II - 130 UNITS
PHASE III - 130 UNITS
PHASE IV - 134 UNITS

PHASE "A" SEWAGE TREATMENT CONSISTS OF PHASE I & II CONSTRUCTION:
PLANT DESIGN: 250 UNITS X 20 GAL/DAY = 50,000 GAL/DAY TREATMENT PLANT CAPACITY.
LAGOON DESIGN: 50,000 GAL/DAY X 10 DAY RETENTION = 500,000 GAL. CAPACITY.

PHASE "B" SEWAGE TREATMENT CONSISTS OF PHASE III & IV CONSTRUCTION:
PLANT DESIGN: 264 UNITS X 20 GAL/DAY = 52,800 GAL/DAY TREATMENT PLANT CAPACITY.
LAGOON DESIGN: 50,000 GAL/DAY X 10 DAY RETENTION = 500,000 GAL. CAPACITY.

CONSTRUCTION

PHASE I & II - 250 UNITS
REQUIREMENT: 50,000 GAL/DAY AEROBIC DIGESTION TYPE TREATMENT PLANT & 500,000 GAL. LAGOON.

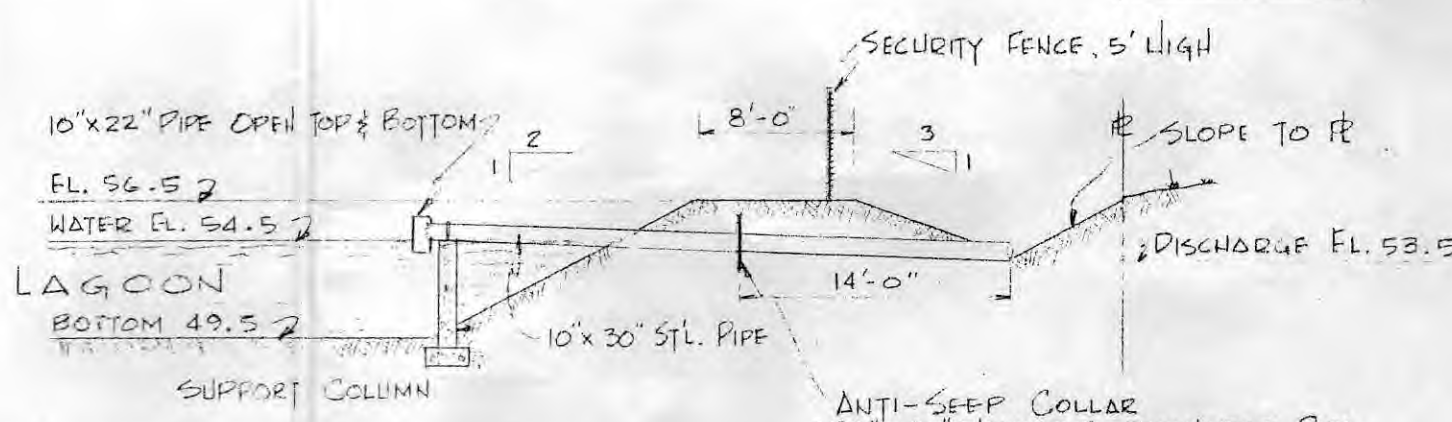
PHASE "A" SEWAGE TREATMENT PLANT TO BE AER-O-FLO MODEL 3-500-47-10 AS MANUFACTURED BY THE AER-O-FLO CORP. WITH AER-O-FLO OVERLOAD REVERSING AND RECYCLING COMMUNITOR MODEL A-8 AS MANUFACTURED BY THE AER-O-FLO CORP.
LAGOON TO BE CONSTRUCTED AS SHOWN ON PLANS, 529,000 GAL. CAPACITY.

PHASE III & IV - 264 UNITS
REQUIREMENT: 52,800 GAL/DAY AEROBIC DIGESTION TYPE TREATMENT PLANT.

PHASE "B" TO BE SUBMITTED TO THE OHIO DEPARTMENT OF HEALTH AT A LATTER DATE FOR APPROVALS.

LAGOON CONSTRUCTION

- 1) EMBANKMENTS AND DIKES TO BE CONSTRUCTED OF RELATIVELY IMPERVIOUS MATERIAL AND COMPACTED SUFFICIENTLY TO FORM A STABLE STRUCTURE.
- 2) ENCLOSE SEWAGE TREATMENT PLANT & LAGOON WITH 6' HIGH NON-CLIMBING TYPE FENCING.
- 3) EMBANKMENTS SHALL BE SEEDED TO THE WATER LINE WITH A PERENNIAL TYPE, LOW GROWING, SPREADING GRASS THAT WITHSTANDS EROSION AND CAN BE KEPT MOWED.
- 4) INFLUENT LINE TO BE 8" IRON PIPE LOCATED ALONG THE BOTTOM OF THE POND SO THAT THE TOP OF THE PIPE IS JUST BELOW THE AVERAGE ELEVATION OF THE LAGOON BOTTOM.
- 5) GRADE AREA AROUND LAGOON TO ELIMINATE SURFACE RUNOFF FROM ENTERING LAGOON.



SECTION THRU DISCHARGE PIPE
SCALE: 1" = 10'