



Tolzin, Carrington <carrington.tolzin@dnr.iowa.gov>

Cahter Oak

1 message

Lynam, Anne <anne.lynam@dnr.iowa.gov>
To: Carrington Tolzin <carrington.tolzin@dnr.iowa.gov>
Cc: "Warren, James" <james.warren@dnr.iowa.gov>

Fri, Dec 29, 2017 at 10:05 AM

Here is info from the file on lead and copper siting plan. No known lead service lines.

From the file city had galvanized water main. Several main replacement projects to replace it with PVC.

PWS has regularly taken more lead and copper samples than required. When needed 10 took 15. When needed 5 took 8. No results over ALE. Had pH adjustment as corrosion control listed in some older permits.

Anne



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charter oak.pdf
97K

2417018
mk4
pwsupply

Action Required

☐

Letter

☐

NOV

☐

AO

LEAD AND COPPER RULE SAMPLING CHECKLIST

System Name City of Charter Oak ID 2417018
Address 453 Railroad St Iowa Zip Code 51439
City Charter Oak Telephone 712-678-3580 / 3659
Contact Person Blaire Schwingdorf

Circle appropriate round and check each completed section and item

Population Served 495
Round 1 Compliance Dates JULY 15, 1993 to December 31, 1993
Round 2 Compliance Dates JANUARY 1, 1994 to JUNE 10, 1994
Today's date 1-4-94
Reviewer

A. TAP SAMPLING

☒ 1.

Population Range

Required

Taken

☒ 2.

Circle correct population range and write in the actual number of samples taken at right

>100,000
10,000-100,000
3,301-10,000
501-3,300
101-500
≤100

100
60
40
20
10
5

15

☒ 3.

Attach copy of lab report monitoring results which includes locations (e.g., locations of sample sites and date of collection)

B. SAMPLE SITE SELECTION/JUSTIFICATION (SFR = Single family residence; MFR = multiple family residence; BLDG = building)

☒ 1.

Tier 1

SFRs with copper pipe with lead solder installed after 1982
SFRs containing lead pipes
SFRs served by lead service lines
MFRs with copper pipe with lead solder after 1982 and with lead service lines (MFRs comprise 20%)

Totals

Sites Available

Sites Used

5
0
0
0
5

5
0
0
0
5

Tier 2

BLDGs/MFRs with copper pipe with lead solder installed after 1982
BLDGs/MFRs containing lead pipes
BLDGs/MFRs served by lead service lines

Totals

0
0
0
0

0
0
0
0

Tier 3

SFRs with copper pipes with lead solder installed before 1983

(Circle One)

Yes

No

If no, attach explanation

☒ 2.

All sites are Tier 1

Yes

No

If no, attach explanation

☒ 3.

Tier 1 sample is made up of 50% SFRs with lead solder after 1982 (or containing lead service lines and 50% SFRs served by lead service lines

Part B.

Explanation

- No. 2 Going by building Permits. The City of Charter Oak had only 5 houses built after 1982 that had copper pipe with lead solder.
- No. 3 Going by reports from former water superintendent and from local plumber and service reports. The City doesn't have lead service lines that are known.