

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Client:

HUDSON

Date Received:

10/30/19

Adress:

RR 1

Facility Number:

1130700

City, State, Zip:

CARLOCK, IL 61725

Funding Code:

PW32

Temperature C:

Client Sample ID:

LP1A024

Lab Sample ID:

19J1067-07

Matrix:

Drinking Water

Date/Time Collected:

10/23/19 5:34

Sample Type:

Collected By:

Metals (Digested Drinking Water) by EPA 200 Series Methods ICP/MS

Method:

200.8

Prepared:

11/12/19 11:08

Units:

ug/L

Analyzed:

12/03/19 11:58

Analyte
Lead
Copper

Result ND ND Qualifier

Reporting Limit 5.00

Regulatory Level

100

1300

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825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Client:

HUDSON

Date Received:

10/30/19

Adress:

RR 1

Facility Number:

1130700

City, State, Zip:

CARLOCK, IL 61725

Funding Code:

PW32

Temperature C:

Client Sample ID:

LP3S002

Lab Sample ID:

19J1067-06

Matrix:

Drinking Water

Date/Time Collected:

10/24/19 6:15

Sample Type:

Collected By:

Metals (Drinking Water) by EPA 200 Series Methods ICP/MS

Method:

200.8

Prepared:

11/25/19 07:55

Units: ug/L Analyzed:

11/25/19 18:08

15

Qualifier Reporting Limit Regulatory Level Result **Analyte** 5.00 ND Lead 1300 100 108 Copper



825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Client:

HUDSON

Date Received:

10/30/19

Adress:

RR 1

Facility Number:

1130700

City, State, Zip:

CARLOCK, IL 61725

Funding Code:

PW32

Temperature C:

Client Sample ID:

LP3S001

Lab Sample ID:

19J1067-05

Matrix:

Drinking Water

Date/Time Collected:

10/24/19 6:58

Sample Type:

Collected By:

Metals (Drinking Water) by EPA 200 Series Methods ICP/MS

Method:

200.8

Prepared:

11/25/19 07:55

Units:

ug/L

Analyzed:

11/25/19 18:04

AnalyteResultQualifierReporting LimitRegulatory LevelLeadND5.0015CopperND1001300



825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Client:

HUDSON

Date Received:

10/30/19

Adress:

RR 1

Facility Number:

1130700

City, State, Zip:

CARLOCK, IL 61725

Funding Code:

PW32

Temperature C:

Client Sample ID:

LP3S014

Lab Sample ID:

19J1067-04

Matrix:

Drinking Water

Date/Time Collected:

10/24/19 6:59

Sample Type:

Collected By:

Metals (Drinking Water) by EPA 200 Series Methods ICP/MS

Method:

200.8

Prepared:

11/25/19 07:55

Units:

ug/L

Analyzed:

11/25/19 18:01

<u>Analyte</u>	Result	Qualifier	Reporting Limit	Regulatory Level
Lead	ND		5.00	15
Copper	ND		100	1300



825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Client:

HUDSON

Date Received:

10/30/19

Adress:

RR 1

Facility Number:

1130700

City, State, Zip:

CARLOCK, IL 61725

Funding Code:

PW32

Temperature C:

Client Sample ID:

LA3S020

Lab Sample ID:

19J1067-03

Matrix:

Drinking Water

Date/Time Collected:

10/24/19 5:10

Sample Type:

Collected By:

Metals (Drinking Water) by EPA 200 Series Methods ICP/MS

Method:

200.8

Prepared:

11/25/19 07:55

Units:

ug/L

Analyzed:

11/25/19 17:58

AnalyteResultQualifierReporting LimitRegulatory LevelLeadND5.0015CopperND1001300



825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Client:

HUDSON

Date Received:

10/30/19

Adress:

RR 1

Facility Number:

1130700

City, State, Zip:

CARLOCK, IL 61725

Funding Code:

PW32

Temperature C:

Client Sample ID:

LP1A003

Lab Sample ID:

19J1067-02

Matrix:

Drinking Water

Date/Time Collected:

10/24/19 7:10

Sample Type:

Collected By:

Metals (Drinking Water) by EPA 200 Series Methods ICP/MS

Method:

200.8

Prepared:

11/25/19 07:55

Units:

ug/L

Analyzed:

11/25/19 17:55

Analyte Lead Result

Qualifier

Reporting Limit

Regulatory Level

Copper

ND ND

5.00 100



825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Client:

HUDSON

Date Received:

10/30/19

Adress:

RR 1

Facility Number:

1130700

City, State, Zip:

CARLOCK, IL 61725

Funding Code:

PW32

Temperature C:

Client Sample ID:

LP1A025

Lab Sample ID:

19J1067-01

Matrix:

Drinking Water

Date/Time Collected:

10/24/19 5:15

Sample Type:

Collected By:

Metals (Drinking Water) by EPA 200 Series Methods ICP/MS

<u>Qualifier</u>

Method:

200.8

Prepared:

11/25/19 07:55

Units:

ug/L

Analyzed:

Reporting Limit

11/25/19 17:00

 Analyte
 Result

 Lead
 ND

 Copper
 ND

5.00 100

15 1300

Regulatory Level



825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Client:

HUDSON

Date Received:

11/13/19

Adress:

RR 1

Facility Number:

1130700

City, State, Zip:

CARLOCK, IL 61725

Funding Code:

PW32

Temperature C:

Client Sample ID:

LP3S005

Lab Sample ID:

19K0337-01

Matrix:

Drinking Water

Date/Time Collected:

11/09/19 7:00

Sample Type:

Collected By:

Metals (Drinking Water) by EPA 200 Series Methods ICP/MS

Method:

200.8

Prepared:

12/05/19 13:25

Units: ug/L

Analyzed:

12/05/19 16:58

AnalyteResultQualifierReporting LimitRegulatory LevelLeadND5.0015CopperND1001300



825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Client:

HUDSON

Date Received:

11/13/19

Adress:

RR 1

Facility Number:

1130700

City, State, Zip:

CARLOCK, IL 61725

Funding Code:

PW32

Temperature C:

Client Sample ID:

LP3S012

Lab Sample ID:

19K0337-02

Matrix:

Drinking Water

Date/Time Collected:

11/09/19 7:15

Sample Type:

Collected By:

Metals (Drinking Water) by EPA 200 Series Methods ICP/MS

Method:

200.8

Prepared:

12/05/19 13:25

Units:

ug/L

Analyzed:

12/05/19 17:02

Analyte Lead <u>Result</u> ND Qualifier

Reporting Limit
5.00

Regulatory Level

Copper

ND 227

100



825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Client:

HUDSON

Date Received:

11/13/19

Adress:

RR 1

Facility Number:

1130700

City, State, Zip:

CARLOCK, IL 61725

Funding Code:

PW32

Temperature C:

Client Sample ID:

LP1A004

Lab Sample ID:

19K0337-03

Matrix:

Drinking Water

Date/Time Collected:

11/08/19 6:45

Sample Type:

Collected By:

Metals (Drinking Water) by EPA 200 Series Methods ICP/MS

Method:

200.8

Prepared:

12/05/19 13:25

Units:

ug/L

Analyzed:

12/05/19 17:05

Analyte Load

Qualifier

Reporting Limit

Regulatory Level

Lead Copper

ND 153

5.00 100



825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Client:

HUDSON

Date Received:

11/18/19

Adress:

RR 1

Facility Number:

1130700

City, State, Zip:

CARLOCK, IL 61725

Funding Code:

PW32

Temperature C:

Client Sample ID:

LC WATERSOUCE CC03

Lab Sample ID:

19K0414-01

Matrix:

Drinking Water

Date/Time Collected:

11/15/19 7:34

Sample Type:

Collected By:

Metals (Drinking Water) by EPA 200 Series Methods ICP/MS

Method:

200.8

Prepared:

12/05/19 13:25

Units:

ug/L

Analyzed:

12/05/19 20:37

Analyte Lead

Copper

<u>Result</u> ND **21**6 <u>Qualifier</u>

Reporting Limit
5.00
100

Regulatory Level



825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Client:

HUDSON

Date Received:

11/06/19

Adress:

RR 1

Facility Number:

1130700

City, State, Zip:

CARLOCK, IL 61725

Funding Code:

PW32

Temperature C:

1.00

Client Sample ID:

WQ1B/WQ1/ORTHO WQPD001

Lab Sample ID:

19K0107-01

Matrix:

Drinking Water

Date/Time Collected:

11/05/19 11:01

Sample Type:

Collected By:

Field Parameters--pH

Method:

150.3

Prepared:

11/05/19 11:01

Units:

PH

Analyzed:

11/05/19 11:01

Analyte

Result

Qualifier

Reporting Limit

Regulatory Level

Field pH

7.60

Field Parameters--Temperature

Alkalinity by Standard Method 2320B

Method:

FIELD TEMP

Prepared:

11/05/19 11:01

Units:

C

Analyzed:

11/05/19 11:01

Analyte

Result

Qualifier

Reporting Limit

Regulatory Level

Field Temperature

16.1

Method

2320B

Prepared:

11/08/19 09:36

Units:

mg/L

Analyzed:

11/08/19 09:48

Analyte
Alkalinity

Result 84.0 Qualifier

Reporting Limit

Regulatory Level

20.0



825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Client:

HUDSON

Date Received:

11/06/19

Adress:

RR 1

Facility Number:

1130700

City, State, Zip:

CARLOCK, IL 61725

Funding Code:

PW32

Temperature C:

1.00

Client Sample ID:

WQ1B/WQ1/ORTHO WQPD001

Lab Sample ID:

19K0107-01

Matrix:

Drinking Water

Date/Time Collected:

11/05/19 11:01

Sample Type:

Collected By:

Chloride by Ion Chromatography 300.0

Method:

300.0

Prepared:

11/06/19 14:43

Units:

mg/L

Analyzed:

11/07/19 14:18

Analyte

Result

Result

873

18200

Qualifier

Reporting Limit

Regulatory Level

Chloride

29.3

1.00

Metals (Drinking Water) by EPA 200 Series Methods ICP

Method:

200.7

Prepared:

11/27/19 09:43

Units:

ug/L

Analyzed:

11/27/19 17:32

Analyte

Qualifier Reporting Limit 50.0 300 300

Regulatory Level 1000

Calcium Calcium

Iron

18200 Hardness 116000 17200 Magnesium

1980 300

200000

Metals (Drinking Water) by EPA 200 Series Methods ICP/MS

Method:

200.8

Prepared: Analyzed: 12/02/19 09:50 12/02/19 12:48

Units:

ug/L

Reporting Limit

Analyte

Result

Qualifier

Regulatory Level

Manganese

ND

15.0

150

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Reported: 12/10/19 08:36 Page 2 of 4



825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Client:	
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HUDSON

Date Received:

11/06/19

Adress:

RR 1

Facility Number:

1130700

City, State, Zip:

CARLOCK, IL 61725

Funding Code:

PW32

Temperature C:

1.00

WQ1B/WQ1/ORTHO WQPD001

Lab Sample ID:

19K0107-01

Matrix:

Drinking Water

Date/Time Collected:

11/05/19 11:01

Sample Type:

Client Sample ID:

Collected By:

Orthophosphate by Standard Method 4500-P E

Method:

4500P-E

Prepared:

11/06/19 16:03

Units:

mg/L

Analyzed:

11/06/19 16:24

Analyte

Result

Qualifier

Reporting Limit

Regulatory Level

Orthophosphate as PO4

0.35

0.06

Specific Conductance by Standard Method 2510B

Method:

2510B

Prepared:

11/12/19 15:00

Units:

μmho/cm @ 25.0 °C

Analyzed:

11/12/19 15:00

Analyte

Result

Qualifier

Reporting Limit

Regulatory Level

Specific Conductance

10.00

317.00

Sulfate by Ion Chromatography 300.0

Method:

300.0

Prepared: Analyzed: 11/06/19 14:43 11/07/19 14:18

Units:

mg/L

Qualifier

Reporting Limit

Regulatory Level

Analyte Sulfate

Result 16.9

10.0



825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Client:

HUDSON

Date Received:

11/06/19

Adress:

RR 1

Facility Number:

1130700

City, State, Zip:

CARLOCK, IL 61725

Funding Code:

PW32

Temperature C:

4.00

Client Sample ID:

WQ1B/WQ1/ORTHO WQPD001

Lab Sample ID:

19K0112-01

Matrix:

Drinking Water

Date/Time Collected:

11/05/19 11:13

Sample Type:

Collected By:

Field Parameters--pH

Method:

150.3

Prepared:

11/05/19 11:13

Units:

PH

Analyzed:

11/05/19 11:13

Analyte

Result

Qualifier

Reporting Limit

Regulatory Level

Field pH

7.80

Field Parameters--Temperature

Method:

FIELD TEMP

Prepared:

11/05/19 11:13 11/05/19 11:13

Units:

Analyte

C

Analyzed:

E'-14 T----4----

Result

Qualifier

Reporting Limit

Regulatory Level

Field Temperature

16.7

Alkalinity by Standard Method 2320B

Method:

2320B

Prepared:
Analyzed:

11/08/19 09:36

Units:

mg/L

11/08/19 09:48

Analyte
Alkalinity

Result 88.0 Qualifier

Reporting Limit

Regulatory Level

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Reported: 12/10/19 08:36 Page 1 of 4



825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Client:	
---------	--

HUDSON

Date Received:

11/06/19

Adress:

RR 1

Facility Number:

1130700

City, State, Zip:

CARLOCK, IL 61725

Funding Code:

PW32

Temperature C:

4.00

Client Sample ID:

WQ1B/WQ1/ORTHO WQPD001

Lab Sample ID:

19K0112-01

Matrix:

Drinking Water

Date/Time Collected:

11/05/19 11:13

Sample Type:

Collected By:

Chloride by Ion Chromatography 300.0

Method:

300.0

Prepared:

11/06/19 14:43

Units:

mg/L

Analyzed:

11/07/19 14:57

Analyte

Result

Qualifier

Reporting Limit

Regulatory Level

Chloride

29.3

Metals (Drinking Water) by EPA 200 Series Methods ICP

Method:

200.7

Prepared:

11/27/19 09:43

Units:

ug/L

Analyzed:

11/27/19 17:40

Result Analyte Qualifier Reporting Limit Regulatory Level Iron ND 50.0 1000 Calcium 19500 300 Calcium 19500 300 200000 Hardness 118000 1980 16900 Magnesium 300

Metals (Drinking Water) by EPA 200 Series Methods ICP/MS

Method:

200.8

Prepared:
Analyzed:

12/02/19 09:50

Units:

ug/L

12/02/19 12:58

Analyte

Result

Qualifier

Reporting Limit

Regulatory Level

Manganese

ND

15.0

150

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Reported: 12/10/19 08:36 Page 2 of 4



825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Client:

HUDSON

Date Received:

11/06/19

Adress:

RR 1

Facility Number:

1130700

City, State, Zip:

CARLOCK, IL 61725

Funding Code:

PW32

Temperature C:

4.00

WQ1B/WQ1/ORTHO WQPD001

Lab Sample ID:

19K0112-01

Matrix:

Drinking Water

Date/Time Collected:

11/05/19 11:13

Sample Type:

Client Sample ID:

Collected By:

Orthophosphate by Standard Method 4500-P E

Method:

4500P-E

Prepared:

11/06/19 16:03

Units:

mg/L

Analyzed:

11/06/19 16:30

Analyte

Result

Qualifier

Reporting Limit

Regulatory Level

Orthophosphate as PO4

0.41

0.06

Specific Conductance by Standard Method 2510B

Method:

2510B

Prepared:

11/12/19 15:00

Units:

μmho/cm @ 25.0 °C

Analyzed:

11/12/19 15:00

Analyte

Result

Qualifier

Reporting Limit

Regulatory Level

Specific Conductance

318.00

10.00

Sulfate by Ion Chromatography 300.0

Method:

300.0

Prepared: Analyzed: 11/06/19 14:43 11/07/19 14:57

Units: Analyte mg/L

Qualifier

Reporting Limit

Regulatory Level

Sulfate

Result 16.9

10.0



825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Cl	ient:	

HUDSON

Date Received:

11/06/19

Adress:

RR 1

Facility Number:

1130700

City, State, Zip:

CARLOCK, IL 61725

Funding Code:

PW32

Temperature C:

2.00

Client Sample ID:

WQ1B/WQ1/ORTHO CC03

Lab Sample ID:

19K0100-01

Matrix:

Drinking Water

Date/Time Collected:

11/05/19 11:28

Sample Type:

Collected By:

Field Parameters--pH

Method:

150.3

Prepared:

11/05/19 11:28

Units:

PH

Analyzed:

11/05/19 11:28

Analyte

Result

Qualifier

Reporting Limit

Regulatory Level

Field pH

7.60

Field Parameters--Temperature

Method:

FIELD TEMP

Prepared:

11/05/19 11:28

Units:

C

Analyzed:

11/05/19 11:28

Analyte

Qualifier

Reporting Limit

Regulatory Level

Field Temperature

Result 16.1

Alkalinity by Standard Method 2320B

Method:

2320B

Prepared:

Analyzed:

11/08/19 09:36 11/08/19 09:48

Units:

mg/L

Reporting Limit

Regulatory Level

Analyte Alkalinity Result 88.0 <u>Qualifier</u>

20.0

20.0



825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Client:

HUDSON

Date Received:

11/06/19

Adress:

RR 1

Facility Number:

1130700

City, State, Zip:

CARLOCK, IL 61725

Funding Code:

PW32

Temperature C:

WQ1B/WQ1/ORTHO CC03

Lab Sample ID:

19K0100-01

Matrix:

Drinking Water

Date/Time Collected:

11/05/19 11:28

Sample Type:

Client Sample ID:

Collected By:

Chloride by Ion Chromatography 300.0

Method:

300.0

Prepared:

11/06/19 14:43

Units:

mg/L

Analyzed:

11/07/19 13:39

Analyte

Result

Qualifier

Reporting Limit 1.00

Regulatory Level

Chloride

29.2

Metals (Drinking Water) by EPA 200 Series Methods ICP

Method:

200.7

Prepared:

11/27/19 09:43

Units:

Analyte

ug/L

Analyzed:

11/27/19 17:27

Iron Calcium Calcium

Hardness

Magnesium

Result

Qualifier

Reporting Limit 50.0 300

Regulatory Level 1000

200000

300 1980

300

Metals (Drinking Water) by EPA 200 Series Methods ICP/MS

Method:

200.8

Prepared: Analyzed: 12/02/19 09:50 12/02/19 12:35

Units:

ug/L

Analyte

Result

Qualifier

Reporting Limit

Regulatory Level

Manganese

ND

15.0

150

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Reported: 12/10/19 08:37 Page 2 of 4



825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Client:

HUDSON

Date Received:

11/06/19

Adress:

RR 1

Facility Number:

1130700

City, State, Zip:

CARLOCK, IL 61725

Funding Code:

PW32

Temperature C:

2.00

Client Sample ID:

WQ1B/WQ1/ORTHO CC03

Lab Sample ID:

19K0100-01

Drinking Water

Date/Time Collected:

11/05/19 11:28

Sample Type:

Matrix:

Collected By:

Orthophosphate by Standard Method 4500-P E

Method:

4500P-E

Prepared:

11/06/19 16:03

Units:

mg/L

Analyzed:

11/06/19 16:23

Analyte

Result

Qualifier

Reporting Limit

Regulatory Level

Orthophosphate as PO4

0.06

0.32

Specific Conductance by Standard Method 2510B

Method:

2510B

Prepared:

11/12/19 15:00

Units:

μmho/cm @ 25.0 °C

Analyzed:

11/12/19 15:00

Analyte

Result

Qualifier

Reporting Limit

Regulatory Level

Specific Conductance

321.00

10.00

Sulfate by Ion Chromatography 300.0

Method: Units:

300.0 mg/L

Prepared: Analyzed: 11/06/19 14:43 11/07/19 13:39

Analyte

Result

Qualifier

Reporting Limit

Regulatory Level

Sulfate

16.8

10.0



825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Client:

HUDSON

Date Received:

11/06/19

Adress:

RR 1

Facility Number:

1130700

City, State, Zip:

CARLOCK, IL 61725

Funding Code:

PW32

Temperature C:

2.00

Client Sample ID:

WQ1B/WQ1/ORTHO WQPD001

Lab Sample ID:

19K0102-01

Matrix:

Drinking Water

Date/Time Collected:

11/05/19 10:49

Sample Type:

Collected By:

Field Parameters--pH

Method:

150.3

Prepared:

11/05/19 10:49

Units:

PH

Analyzed:

11/05/19 10:49

Analyte

Result

Qualifier

Reporting Limit

Regulatory Level

Field pH

7.70

Field Parameters--Temperature

Method:

FIELD TEMP

Prepared:

11/05/19 10:49 11/05/19 10:49

Units:

C

Analyzed:

100 00 1021

<u>Analyte</u>

Result

Qualifier

Reporting Limit

Regulatory Level

Field Temperature

16.1

Alkalinity by Standard Method 2320B

Method: Units: 2320B

Prepared:

Analyzed:

11/08/19 09:36 11/08/19 09:48

Analyte

mg/L

Qualifier

Reporting Limit

Regulatory Level

Alkalinity

Result 82.0

20.0



825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Client:

HUDSON

Date Received:

11/06/19

Adress:

RR 1

Facility Number:

1130700

City, State, Zip:

CARLOCK, IL 61725

Funding Code:

PW32

Temperature C:

2.00

Client Sample ID:

WQ1B/WQ1/ORTHO WQPD001

Lab Sample ID:

19K0102-01

Matrix:

Drinking Water

Date/Time Collected:

11/05/19 10:49

Sample Type:

Collected By:

Chloride by Ion Chromatography 300.0

Method:

300.0

Prepared:

11/06/19 14:43

Units:

mg/L

Analyzed:

11/07/19 16:13

Analyte

Result

Qualifier

Reporting Limit

Regulatory Level

Chloride

29.2

1.00

Metals (Drinking Water) by EPA 200 Series Methods ICP

Method:

200.7

Prepared:

11/27/19 09:43

Units: ug/L Analyzed:

11/27/19 17:29

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
Iron	ND		50.0	1000
Calcium	18200		300	
Calcium	18200		300	200000
Hardness	116000		1980	
Magnesium	17200		300	

Metals (Drinking Water) by EPA 200 Series Methods ICP/MS

Method:

200.8

Prepared: Analyzed: 12/02/19 09:50 12/02/19 12:45

Units:

ug/L

Qualifier

Reporting Limit

Analyte Manganese Result ND

15.0

Regulatory Level 150

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Tom Weiss, Laboratory Manager, at 217.782.9780.

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825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Client:

HUDSON

Date Received:

11/06/19

Adress:

RR 1

Facility Number:

1130700

City, State, Zip:

CARLOCK, IL 61725

Funding Code:

PW32

Temperature C:

2.00

Client Sample ID:

WQ1B/WQ1/ORTHO WQPD001

Lab Sample ID:

19K0102-01

Matrix:

Drinking Water

Date/Time Collected:

11/05/19 10:49

Sample Type:

Collected By:

Orthophosphate by Standard Method 4500-P E

Method:

4500P-E

Prepared:

11/06/19 16:03

Units:

mg/L

Analyzed:

11/06/19 16:23

Analyte

Qualifier

Reporting Limit

Regulatory Level

Orthophosphate as PO4

Result 0.33

0.06

Specific Conductance by Standard Method 2510B

Method:

2510B

Prepared:

11/12/19 15:00

Units:

μmho/cm @ 25.0 °C

Analyzed:

11/12/19 15:00

Analyte

Result

Qualifier

Reporting Limit

Regulatory Level

Specific Conductance

318.00

10.00

Sulfate by Ion Chromatography 300.0

Method:

300.0

Prepared: Analyzed: 11/06/19 14:43 11/07/19 16:13

Units:

mg/L

Qualifier

Reporting Limit 10.0

Regulatory Level

Analyte Sulfate

Result 16.8



825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Client:

HUDSON

Date Received:

11/06/19

Adress:

RR 1

Facility Number:

1130700

City, State, Zip:

CARLOCK, IL 61725

Funding Code:

PW32

Temperature C:

2:00

Client Sample ID:

WQ1B/WQ1/ORTHO CC03

Lab Sample ID:

19K0108-01

Matrix:

Drinking Water

Date/Time Collected:

11/05/19 11:25

Sample Type:

Collected By:

Field Parameters--pH

Method:

150.3

Prepared:

11/05/19 11:25

Units:

PH

Analyzed

11/05/19 11:25

<u>Analyte</u>

Result

Qualifier

Reporting Limit

Regulatory Level

Field pH

7.60

Field Parameters--Temperature

Method:

FIELD TEMP

Prepared:
Analyzed:

11/05/19 11:25

Units:

C

11/05/19 11:25

Analyte

Result

Qualifier

Reporting Limit

Regulatory Level

Field Temperature

16.1

Alkalinity by Standard Method 2320B

Method:

2320B

Prepared:

11/08/19 09:36

Units:

mg/L

Analyzed:

11/08/19 09:48

Analyte
Alkalinity

Result

Qualifier

Reporting Limit

Regulatory Level

86.0

20.0



825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Client:

HUDSON

Date Received:

11/06/19

Adress:

RR 1

Facility Number:

1130700

City, State, Zip:

CARLOCK, IL 61725

Funding Code:

PW32

Temperature C:

2.00

Client Sample ID:

WQ1B/WQ1/ORTHO CC03

Lab Sample ID:

19K0108-01

Matrix:

Drinking Water

Date/Time Collected:

11/05/19 11:25

Sample Type:

Collected By:

Chloride by Ion Chromatography 300.0

Method:

300.0

Prepared:

11/06/19 14:43

Units:

mg/L

Analyzed:

11/07/19 14:27

Analyte

Result

Qualifier

Reporting Limit

Regulatory Level

Chloride

29.1

1.00

Result

Metals (Drinking Water) by EPA 200 Series Methods ICP

Method:

200.7

Prepared:

11/27/19 09:43

Units:

ug/L

Analyzed:

11/27/19 17:35

Analyte Iron Calcium Calcium

Hardness

Magnesium

ND 17700 17700 119000 18100

Qualifier

Reporting Limit 50.0 300 300

1980

300

1000 200000

Regulatory Level

Metals (Drinking Water) by EPA 200 Series Methods ICP/MS

Method:

200.8

Prepared: Analyzed: 12/02/19 09:50 12/02/19 12:52

Units:

ug/L

Reporting Limit

Regulatory Level

Analyte

Result

Qualifier

15.0

Manganese

ND

150

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825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Client:

HUDSON

Date Received:

11/06/19

Adress:

RR 1

Facility Number:

1130700

City, State, Zip:

CARLOCK, IL 61725

Funding Code:

PW32

Temperature C:

2.00

Client Sample ID:

WQ1B/WQ1/ORTHO CC03

Lab Sample ID:

19K0108-01

Matrix:

Drinking Water

Date/Time Collected:

11/05/19 11:25

Sample Type:

Collected By:

Orthophosphate by Standard Method 4500-P E

Method:

4500P-E

Prepared:

11/06/19 16:03

Units:

mg/L

Analyzed:

11/06/19 16:28

Analyte

Result

Qualifier

Reporting Limit

Regulatory Level

Orthophosphate as PO4

0.32

0.04

0.06

Specific Conductance by Standard Method 2510B

Method:

2510B

Prepared:

11/12/19 15:00

Units:

μmho/cm @ 25.0 °C

Analyzed:

11/12/19 15:00

Analyte

Result

Qualifier

Reporting Limit

Regulatory Level

Specific Conductance

320.00

10.00

Sulfate by Ion Chromatography 300.0

Method:

300.0

Prepared:
Analyzed:

11/06/19 14:43 11/07/19 14:27

Units:

mg/L

Qualifier

Reporting Limit

Regulatory Level

Analyte Sulfate Result 16.8

10.0

500

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825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Client:

HUDSON

Date Received:

11/06/19

Adress:

RR 1

Facility Number:

1130700

City, State, Zip:

CARLOCK, IL 61725

Funding Code:

PW32

Temperature C:

2.00

Client Sample ID:

WQ1B/WQ1/ORTHO WQPD001

Lab Sample ID:

19K0115-01

Matrix:

Drinking Water

Date/Time Collected:

11/05/19 11:15

Sample Type:

Collected By:

Field Parameters--pH

Method:

150.3

Prepared:

11/05/19 11:15

Units:

PH

Analyzed:

11/05/19 11:15

Analyte

Result

Qualifier

Reporting Limit

Regulatory Level

Field pH

7.70

Field Parameters--Temperature

Method:

FIELD TEMP

Prepared:

11/05/19 11:15

Units:

Analyzed:

11/05/19 11:15

Analyte

Result

Qualifier

Reporting Limit

Regulatory Level

Field Temperature

16.1

Alkalinity by Standard Method 2320B

Method:

2320B

Prepared: Analyzed: 11/08/19 09:36 11/08/19 09:48

Units:

mg/L

Reporting Limit

Regulatory Level

Analyte Alkalinity Result 86.0

Qualifier

20.0



825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Client:

HUDSON

Date Received:

11/06/19

Adress:

RR 1

Facility Number:

1130700

City, State, Zip:

CARLOCK, IL 61725

Funding Code:

PW32

Temperature C:

2.00

Client Sample ID:

WQ1B/WQ1/ORTHO WQPD001

Lab Sample ID:

19K0115-01

Matrix:

Drinking Water

Date/Time Collected:

11/05/19 11:15

Sample Type:

Collected By:

Chloride by Ion Chromatography 300.0

Method:

300.0

Prepared:

11/06/19 14:43

Units:

mg/L

Analyzed:

11/07/19 15:26

Analyte

Result

Qualifier

Reporting Limit

Regulatory Level

Chloride

29.4

1.00

Metals (Drinking Water) by EPA 200 Series Methods ICP

Method:

200.7

Prepared:

11/27/19 09:43

Units:

ug/L

Analyzed:

11/27/19 17:48

Analyte Result Qualifier Reporting Limit Regulatory Level 1000 50.0 ND Iron 17800 300 Calcium 200000 Calcium 17800 300 1980 116000 Hardness 17500 300 Magnesium

Metals (Drinking Water) by EPA 200 Series Methods ICP/MS

Method:

200.8

Prepared:
Analyzed:

12/02/19 09:50

Units:

ug/L

12/02/19 13:27

Analyte

Result

Qualifier

Reporting Limit

Regulatory Level

Manganese

ND

15.0

150

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825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Client:

HUDSON

Date Received:

11/06/19

Adress:

RR 1

Facility Number:

1130700

City, State, Zip:

CARLOCK, IL 61725

Funding Code:

PW32

Temperature C:

2.00

Client Sample ID:

WQ1B/WQ1/ORTHO WQPD001

Lab Sample ID:

19K0115-01

Matrix:

Drinking Water

Date/Time Collected:

11/05/19 11:15

Sample Type:

Collected By:

Orthophosphate by Standard Method 4500-P E

Method:

4500P-E

Prepared:

11/06/19 16:03

Units:

mg/L

Analyzed:

11/06/19 16:31

Analyte

Result

Qualifier

Reporting Limit

Regulatory Level

Orthophosphate as PO4

0.33

inner

0.06

Specific Conductance by Standard Method 2510B

Method:

2510B

Prepared:

11/12/19 15:00

Units:

 $\mu mho/cm$ @ 25.0 °C

Analyzed:

11/12/19 15:00

Analyte

Result

Qualifier

Reporting Limit

Regulatory Level

Specific Conductance

318.00

10.00

Sulfate by Ion Chromatography 300.0

Method:

300.0

Prepared:

Analyzed:

11/06/19 14:43

Units:

mg/L

11/07/19 15:26

Analyte

Result

Qualifier

Reporting Limit

Regulatory Level

Sulfate

16.9

10.0