

11228 Aurora Avenue
Des Moines, Iowa 50322-7905
United States
www.ghd.com



GHD ref: 11156780-LTR-5

October 03, 2022

Ms. Dianna Daly-Husted , CP-FS, HHS
Environmental Public Health Director
Appanoose, Davis, Lucas, and Monroe Counties Department of Environmental Public Health
12307 Hwy 5, P.O. Box 399
Moravia, IA 52571

**Monitoring Well Plugging
Former Manufactured Gas Plant Site
Albia, Iowa**

Dear Ms. Daly-Husted:

During September 2021, nine monitoring wells associated with the former manufactured gas plant site in Albia, Iowa were plugged in accordance with Rule 567—39.8 of the Iowa Administrative Code. Completed plugging records (DNR Form 542-1226) are attached for your files.

If you have any questions or need additional information, please contact Ms. Jills Stevens of Interstate Power and Light Company at 608-458-0446 or me.

Sincerely,

A handwritten signature in black ink that reads "Kevin G. Armstrong". The signature is written in a cursive, flowing style.

Kevin G. Armstrong, C.P.G., P.M.P.
Project Manager

+1 515-414-3935
kevin.armstrong@ghd.com

KA/mg/LTR-5

Encl.

Copy to: Jill Stevens, Interstate Power and Light Company (electronic copy only)
Matt Culp, Iowa Department of Natural Resources (electronic copy only)

Attachments



IOWA DEPARTMENT OF NATURAL RESOURCES
**Abandoned Water Well
 Plugging Record**

1. Owner:

Name: Interstate Power and Light Company (IPL) Phone: 608-458-0446
 Address: 4902 North Biltmore Lane
 City: Madison State: WI Zip: 53718

If this was a Public Water Supply Well, please provide:

PWSID Name: _____ PWSID Number: _____

2. Location of Well (Cistern):

SE $\frac{1}{4}$ of, SW $\frac{1}{4}$ of, SW $\frac{1}{4}$ of, Section 15, T 72 N, R 17 East West
 County: Monroe Describe well location on property: 510 Main Street N. Albia, IA
 GPS Well Location: Latitude: 41.03174971 Longitude: -92.80783425

3. Well Description:

Well depth: 15 ft.
 Depth to water: 0.89 ft.
 Casing depth: 5 ft. Casing Material: Steel Plastic Concrete Clay Brick Stone
 Casing diameter: 2 in.
 Year or decade constructed: 2018 Type of Construction: Drilled Driven Bored Augured Dug
 Is this a Monitoring Well? Yes No Well ID: MW-01
 Check if Cistern Depth: _____ ft. Diameter: _____ ft.

I certify this well has been plugged as required by rule 567-39.8 of the Iowa Administrative Code (IAC). I agree to provide any additional information the county or department may need concerning this well.

Signature of Owner: *Bill Steen (for IPL)* Date Plugged: 09/22/2022

If plugged by certified well contractor, complete this box:

I have plugged this well as required by rule 567-39.8 of the Iowa Administrative Code (IAC).

Signature of Contractor: *Michael J Ocsady* Cert No: 6494

OR, if plugged by well owner, complete this box:

The property owner has plugged this well following requirements in rule 567-39.8 of the Iowa Administrative Code (IAC) with the oversight and assistance of the designated county agent.

Signature of County Agent: _____ Date Approved: _____

Eligible for Grants-to-Counties cost share: Yes No (Determined by County Agent)

Complete one form for each well plugged and submit within 30 days to the local county agent:

OR, only if no county agent is available, to:

Monroe County Health Sanitarian; c/o Dianna Daly-Husted 12307 Hwy 5; PO Box 389 Moravia, IA 52571	Water Supply Section Iowa Department of Natural Resources 502 E 9 th St Des Moines IA 50319-0034
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IOWA DEPARTMENT OF NATURAL RESOURCES
**Abandoned Water Well
 Plugging Record**

1. Owner:

Name: Interstate Power and Light Company (IPL) Phone: 608-458-0446
 Address: 4902 North Biltmore Lane
 City: Madison State: WI Zip: 53718

If this was a Public Water Supply Well, please provide:

PWSID Name: _____ PWSID Number: _____

2. Location of Well (Cistern):

SE _____ ¼ of, SW _____ ¼ of, SW _____ ¼ of, Section 15, T 72 N, R 17 East West
 County: Monroe Describe well location on property: 510 Main Street N. Albia, IA
 GPS Well Location: Latitude: 41.03156417 Longitude: -92.80779031

3. Well Description:

Well depth: 15 ft
 Depth to water: 1.27 ft.
 Casing depth: 5 ft. Casing Material: Steel Plastic Concrete Clay Brick Stone
 Casing diameter: 2 in.
 Year or decade constructed: 2018 Type of Construction: Drilled Driven Bored Augured Dug
 Is this a Monitoring Well? Yes No Well ID: MW-02
 Check if Cistern Depth: _____ ft. Diameter: _____ ft.

I certify this well has been plugged as required by rule 567-39.8 of the Iowa Administrative Code (IAC). I agree to provide any additional information the county or department may need concerning this well.

Signature of Owner: [Signature] (for IPL) Date Plugged: 09/22/2022

If plugged by certified well contractor, complete this box:

I have plugged this well as required by rule 567-39.8 of the Iowa Administrative Code (IAC).

Signature of Contractor: [Signature] Cert No: 6494

OR, if plugged by well owner, complete this box:

The property owner has plugged this well following requirements in rule 567-39.8 of the Iowa Administrative Code (IAC) with the oversight and assistance of the designated county agent.

Signature of County Agent: _____ Date Approved: _____

Eligible for Grants-to-Counties cost share: Yes No (Determined by County Agent)

Complete one form for each well plugged and submit within 30 days to the local county agent:

OR, only if no county agent is available, to:

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IOWA DEPARTMENT OF NATURAL RESOURCES
**Abandoned Water Well
 Plugging Record**

1. Owner:

Name: Interstate Power and Light Company (IPL) Phone: 608-458-0446
 Address: 4902 North Biltmore Lane
 City: Madison State: WI Zip: 53718

If this was a Public Water Supply Well, please provide:

PWSID Name: _____ PWSID Number: _____

2. Location of Well (Cistern):

SE $\frac{1}{4}$ of, SW $\frac{1}{4}$ of, SW $\frac{1}{4}$ of, Section 15, T 72 N, R 17 East West
 County: Monroe Describe well location on property: 510 Main Street N. Albia, IA
 GPS Well Location: Latitude: 41.031583 Longitude: -92.80791228

3. Well Description:

Well depth: 15 ft
 Depth to water: 0.5 ft
 Casing depth: 5 ft. Casing Material: Steel Plastic Concrete Clay Brick Stone
 Casing diameter: 2 in.
 Year or decade constructed: 2018 Type of Construction: Drilled Driven Bored Augured Dug
 Is this a Monitoring Well? Yes No Well ID: MW-03
 Check if Cistern Depth: _____ ft. Diameter: _____ ft.

I certify this well has been plugged as required by rule 567-39.8 of the Iowa Administrative Code (IAC). I agree to provide any additional information the county or department may need concerning this well.

Signature of Owner: [Signature] (for IPL) Date Plugged: 09/22/2022

If plugged by certified well contractor, complete this box:

I have plugged this well as required by rule 567-39.8 of the Iowa Administrative Code (IAC).

Signature of Contractor: [Signature] Cert No: 6494

OR, if plugged by well owner, complete this box:

The property owner has plugged this well following requirements in rule 567-39.8 of the Iowa Administrative Code (IAC) with the oversight and assistance of the designated county agent.

Signature of County Agent: _____ Date Approved: _____

Eligible for Grants-to-Counties cost share: Yes No (Determined by County Agent)

Complete one form for each well plugged and submit within 30 days to the local county agent:

OR, only if no county agent is available, to:

Monroe County Health Sanitarian; c/o Dianna Daly-Husted 12307 Hwy 5; PO Box 389 Moravia, IA 52571	Water Supply Section Iowa Department of Natural Resources 502 E 9 th St Des Moines IA 50319-0034
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IOWA DEPARTMENT OF NATURAL RESOURCES
**Abandoned Water Well
 Plugging Record**

1. Owner:

Name: Interstate Power and Light Company (IPL) Phone: 608-458-0446
 Address: 4902 North Biltmore Lane
 City: Madison State: WI Zip: 53718

If this was a Public Water Supply Well, please provide:

PWSID Name: _____ PWSID Number: _____

2. Location of Well (Cistern):

SE $\frac{1}{4}$ of, SW $\frac{1}{4}$ of, SW $\frac{1}{4}$ of, Section 15, T 72 N, R 17 East West
 County: Monroe Describe well location on property: 510 Main Street N. Albia, IA
 GPS Well Location: Latitude: 41.03143021 Longitude: -92.80795336

3. Well Description:

Well depth: 15 ft
 Depth to water: 0.78 ft.
 Casing depth: 5 ft. Casing Material: Steel Plastic Concrete Clay Brick Stone
 Casing diameter: 2 in.
 Year or decade constructed: 2018 Type of Construction: Drilled Driven Bored Augured Dug
 Is this a Monitoring Well? Yes No Well ID: MW-04
 Check if Cistern Depth: _____ ft. Diameter: _____ ft.

I certify this well has been plugged as required by rule 567-39.8 of the Iowa Administrative Code (IAC). I agree to provide any additional information the county or department may need concerning this well.

Signature of Owner: *[Signature]* (for IPL) Date Plugged: 09/22/2022

If plugged by certified well contractor, complete this box:

I have plugged this well as required by rule 567-39.8 of the Iowa Administrative Code (IAC).

Signature of Contractor: *[Signature]* Cert No: 6494

OR, if plugged by well owner, complete this box:

The property owner has plugged this well following requirements in rule 567-39.8 of the Iowa Administrative Code (IAC) with the oversight and assistance of the designated county agent.

Signature of County Agent: _____ Date Approved: _____

Eligible for Grants-to-Counties cost share: Yes No (Determined by County Agent)

Complete one form for each well plugged and submit within 30 days to the local county agent:

OR, only if no county agent is available, to:

Monroe County Health Sanitarian; c/o Dianna Daly-Husted
 12307 Hwy 5; PO Box 389
 Moravia, IA 52571

Water Supply Section
 Iowa Department of Natural Resources
 502 E 9th St
 Des Moines IA 50319-0034



IOWA DEPARTMENT OF NATURAL RESOURCES
**Abandoned Water Well
 Plugging Record**

1. Owner:

Name: Interstate Power and Light Company (IPL) Phone: 608-458-0446
 Address: 4902 North Biltmore Lane
 City: Madison State: WI Zip: 53718

If this was a Public Water Supply Well, please provide:

PWSID Name: _____ PWSID Number: _____

2. Location of Well (Cistern):

SE % of, SW % of, Section 15, T 72 N, R 17 East West
 County: Monroe Describe well location on property: 510 Main Street N. Albia, IA
 GPS Well Location: Latitude: 41.03189267 Longitude: -92.8075797

3. Well Description:

Well depth: 15 ft.
 Depth to water: 4.06 ft.
 Casing depth: 5 ft. Casing Material: Steel Plastic Concrete Clay Brick Stone
 Casing diameter: 2 in.
 Year or decade constructed: 2018 Type of Construction: Drilled Driven Bored Augured Dug
 Is this a Monitoring Well? Yes No Well ID: MW-05
 Check if Cistern Depth: _____ ft. Diameter: _____ ft.

I certify this well has been plugged as required by rule 567-39.8 of the Iowa Administrative Code (IAC). I agree to provide any additional information the county or department may need concerning this well.

Signature of Owner: *J. N. St...* (for IPL) Date Plugged: 09/22/2022

If plugged by certified well contractor, complete this box:

I have plugged this well as required by rule 567-39.8 of the Iowa Administrative Code (IAC).

Signature of Contractor: *Michael T. Olson* Cert No: 6494

OR, If plugged by well owner, complete this box:

The property owner has plugged this well following requirements in rule 567-39.8 of the Iowa Administrative Code (IAC) with the oversight and assistance of the designated county agent.

Signature of County Agent: _____ Date Approved: _____

Eligible for Grants-to-Counties cost share: Yes No (Determined by County Agent)

Complete one form for each well plugged and submit within 30 days to the local county agent:

OR, only if no county agent is available, to:

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IOWA DEPARTMENT OF NATURAL RESOURCES
**Abandoned Water Well
 Plugging Record**

1. Owner:

Name: Interstate Power and Light Company (IPL) Phone: 608-458-0446
 Address: 4902 North Blitmore Lane
 City: Madison State: WI Zip: 53718

If this was a Public Water Supply Well, please provide:

PWSID Name: _____ PWSID Number: _____

2. Location of Well (Cistern):

SE $\frac{1}{4}$ of, SW $\frac{1}{4}$ of, SW $\frac{1}{4}$ of, Section 15, T 72 N, R 17 East West
 County: Monroe Describe well location on property: 510 Main Street N. Albia, IA
 GPS Well Location: Latitude: 41.03158753 Longitude: -92.8075158

3. Well Description:

Well depth: 15 ft
 Depth to water: 1.29 ft.
 Casing depth: 5 ft. Casing Material: Steel Plastic Concrete Clay Brick Stone
 Casing diameter: 2 in.
 Year or decade constructed: 2018 Type of Construction: Drilled Driven Bored Augured Dug
 Is this a Monitoring Well? Yes No Well ID: MW-06
 Check if Cistern Depth: _____ ft. Diameter: _____ ft.

I certify this well has been plugged as required by rule 567-39.8 of the Iowa Administrative Code (IAC). I agree to provide any additional information the county or department may need concerning this well.

Signature of Owner: [Signature] (for IPL) Date Plugged: 09/22/2022

If plugged by certified well contractor, complete this box:

I have plugged this well as required by rule 567-39.8 of the Iowa Administrative Code (IAC).

Signature of Contractor: [Signature] Cert No: 6494

OR, if plugged by well owner, complete this box:

The property owner has plugged this well following requirements in rule 567-39.8 of the Iowa Administrative Code (IAC) with the oversight and assistance of the designated county agent.

Signature of County Agent: _____ Date Approved: _____

Eligible for Grants-to-Counties cost share: Yes No (Determined by County Agent)

Complete one form for each well plugged and submit within 30 days to the local county agent:

OR, only if no county agent is available, to:

Monroe County Health Sanitarian; c/o Dianna Daly-Husted 12307 Hwy 5; PO Box 389 Moravia, IA 52571	Water Supply Section Iowa Department of Natural Resources 502 E 9 th St Des Moines IA 50319-0034
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IOWA DEPARTMENT OF NATURAL RESOURCES
**Abandoned Water Well
 Plugging Record**

1. Owner:

Name: Interstate Power and Light Company (IPL) Phone: 608-458-0446
 Address: 4902 North Biltmore Lane
 City: Madison State: WI Zip: 53718

If this was a Public Water Supply Well, please provide:

PWSID Name: _____ PWSID Number: _____

2. Location of Well (Cistern):

SE % of, SW % of, SW % of, Section 15, T 72 N, R 15 East West
 County: Monroe Describe well location on property: Located on south side of C Avenue West
 GPS Well Location: Latitude: 41.0314988 Longitude: -92.8075926

3. Well Description:

Well depth: 15 ft.
 Depth to water: 1.65 ft.
 Casing depth: 5 ft. Casing Material: Steel Plastic Concrete Clay Brick Stone
 Casing diameter: 2 in.
 Year or decade constructed: 2018 Type of Construction: Drilled Driven Bored Augured Dug
 Is this a Monitoring Well? Yes No Well ID: MW-07

Check if Cistern Depth: _____ ft. Diameter: _____ ft.

I certify this well has been plugged as required by rule 567-39.8 of the Iowa Administrative Code (IAC). I agree to provide any additional information the county or department may need concerning this well.

Signature of Owner: *[Signature]* (for IPL) Date Plugged: 09/22/2022

If plugged by certified well contractor, complete this box:

I have plugged this well as required by rule 567-39.8 of the Iowa Administrative Code (IAC).

Signature of Contractor: *[Signature]* Cert No: 6494

OR, If plugged by well owner, complete this box:

The property owner has plugged this well following requirements in rule 567-39.8 of the Iowa Administrative Code (IAC) with the oversight and assistance of the designated county agent.

Signature of County Agent: _____ Date Approved: _____

Eligible for Grants-to-Counties cost share: Yes No (Determined by County Agent)

Complete one form for each well plugged and submit within 30 days to the local county agent:

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IOWA DEPARTMENT OF NATURAL RESOURCES
**Abandoned Water Well
 Plugging Record**

1. Owner:

Name: Interstate Power and Light Company (IPL) Phone: 608-458-0446
 Address: 4902 North Biltmore Lane
 City: Madison State: WI Zip: 53718

If this was a Public Water Supply Well, please provide:

PWSID Name: _____ PWSID Number: _____

2. Location of Well (Cistern):

SE % of, SW % of, SW % of, Section 15, T 72, N, R 17 East West
 County: Monroe Describe well location on property: Located on south side of C Avenue West
 GPS Well Location: Latitude: 41.0315247 Longitude: -92.80741754

3. Well Description:

Well depth: 15 ft
 Depth to water: 3.33 ft
 Casing depth: 5 ft. Casing Material: Steel Plastic Concrete Clay Brick Stone
 Casing diameter: 2 in.
 Year or decade constructed: 2021 Type of Construction: Drilled Driven Bored Augured Dug
 Is this a Monitoring Well? Yes No Well ID: MW-08R

Check if Cistern Depth: _____ ft. Diameter: _____ ft.

I certify this well has been plugged as required by rule 567-39.8 of the Iowa Administrative Code (IAC). I agree to provide any additional information the county or department may need concerning this well.

Signature of Owner: [Signature] (for IPL) Date Plugged: 09/22/2022

If plugged by certified well contractor, complete this box:

I have plugged this well as required by rule 567-39.8 of the Iowa Administrative Code (IAC).

Signature of Contractor: [Signature] Cert No: 6494

OR, if plugged by well owner, complete this box:

The property owner has plugged this well following requirements in rule 567-39.8 of the Iowa Administrative Code (IAC) with the oversight and assistance of the designated county agent.

Signature of County Agent: _____ Date Approved: _____

Eligible for Grants-to-Counties cost share: Yes No (Determined by County Agent)

Complete one form for each well plugged and submit within 30 days to the local county agent:

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IOWA DEPARTMENT OF NATURAL RESOURCES
**Abandoned Water Well
 Plugging Record**

1. Owner:

Name: Interstate Power and Light Company (IPL) Phone: 608-458-0446
 Address: 4902 North Biltmore Lane
 City: Madison State: WI Zip: 53718

If this was a Public Water Supply Well, please provide:

PWSID Name: _____ PWSID Number: _____

2. Location of Well (Cistern):

SE $\frac{1}{4}$ of, SW $\frac{1}{4}$ of, SW $\frac{1}{4}$ of, Section 15, T 72 N, R 17 East West
 County: Monroe Describe well location on property: 510 Main Street N. Albia, IA
 GPS Well Location: Latitude: 41.03170502 Longitude: -92.80739001

3. Well Description:

Well depth: 15 ft
 Depth to water: 2.45 ft.
 Casing depth: 5 ft. Casing Material: Steel Plastic Concrete Clay Brick Stone
 Casing diameter: 2 in.
 Year or decade constructed: 2018 Type of Construction: Drilled Driven Bored Augured Dug
 Is this a Monitoring Well? Yes No Well ID: MW-09
 Check if Cistern Depth: _____ ft. Diameter: _____ ft.

I certify this well has been plugged as required by rule 567-39.8 of the Iowa Administrative Code (IAC). I agree to provide any additional information the county or department may need concerning this well.

Signature of Owner: *Bill Ste...* (for IPL) Date Plugged: 09/22/2022

If plugged by certified well contractor, complete this box:

I have plugged this well as required by rule 567-39.8 of the Iowa Administrative Code (IAC).

Signature of Contractor: *Michael T O...* Cert No: 6494

OR, if plugged by well owner, complete this box:

The property owner has plugged this well following requirements in rule 567-39.8 of the Iowa Administrative Code (IAC) with the oversight and assistance of the designated county agent.

Signature of County Agent: _____ Date Approved: _____

Eligible for Grants-to-Counties cost share: Yes No (Determined by County Agent)

Complete one form for each well plugged and submit within 30 days to the local county agent:

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