

Well Plugging Registration Record Information

When a new well is drilled and the old well is plugged, there is a section on water well certification record forms, listed below, that asks if there is an abandoned well and if that well was plugged, with options to check yes or no. It has come to our attention that there may be contractors who mistakenly believe they can just mark “yes” on those two boxes and nothing else is required. This is not the case.

When an abandoned well is plugged, contractors must submit a Well Plugging Registration Record form (MO 780-1603) to the department within 60 days of plugging the well. No registration fee is required for plugging a domestic water well, provided the form is submitted on time.

The referenced water certification record forms include the following: Domestic/Multi-Family Well Record and Pump Information Data form (780-1902), Charitable or Benevolent Organization Well Record and Pump Information form (780-2185), and the Public Well/High Yield Record form (780-1901). Forms are online at dnr.mo.gov/forms/#wellheadprotection.

Report Abandoned Wells Online

A feature recently was added to the online “Report an Environmental Concern” form that allows reporting of abandoned wells. Please provide GPS latitude and longitude coordinates when possible, to aid in location of the well. You may add your email address if you would like to be contacted; otherwise, reporting is anonymous. Please use this form and share the link with others [dnr.mo.gov/concern.htm]. A link to the form is located below the contact information on the main Wellhead Protection section Web page at dnr.mo.gov/geology/geosrv/wellhd/.

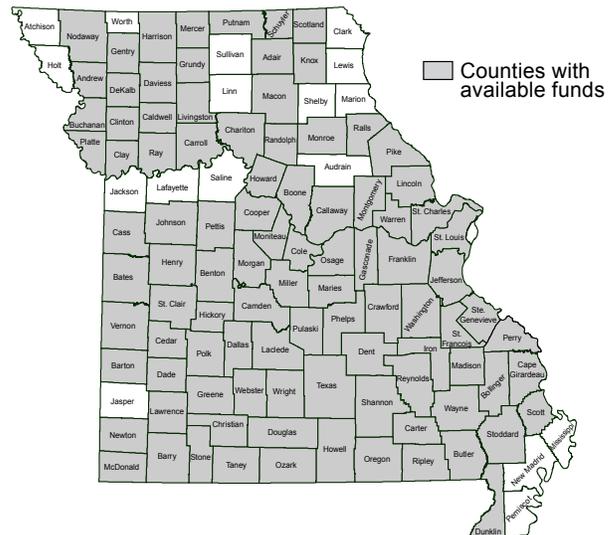
Responsible Party Information

Each company will receive a letter asking the company to identify a responsible party. The responsible party of a company could be the owner, manager or primary person responsible for the permitted contractors in the company. A responsible party is not required to hold a permit from the department.

The responsible party should serve as the main point of contact for the company. This person will receive mail, from the department, which may affect other permittees employed by the company. For example, if company A has five permitted contractors working for the company, the department may send only one letter to the company’s responsible party for all five contractors. Examples may include notification of stakeholder meetings, information

Cost Share Funding for Plugging Abandoned Wells

The department’s Soil and Water Conservation program has funds available for plugging water wells. Presently, 97 of the 114 county Soil and Water Conservation District offices have funds dedicated for plugging water wells. To be eligible, the well must be associated with a farm or agricultural-related use, currently or in the past. The program will reimburse up to \$400 per well to be plugged. Each district office has funding available for many different conservation practices including plugging water wells. The primary funding for these cost-share practices comes from the one-tenth-of-one-percent parks, soils and water sales tax. Details about the cost share program are available at local district offices. Locate district offices at swcd.mo.gov/.



regarding online services, or the *Connection* newsletter. Most importantly, the responsible party may share equal liability for corrective action of a violation(s) that may have been committed by another person employed with the same company. For example, Mr. Smith owns XYZ Drilling Company. Jim is employed by XYZ Drilling Company as a permitted well installation contractor. Jim drills a well in violation of current rules, quits the company and no longer drills wells. Mr. Smith is the responsible party for the company, and will be required to resolve any outstanding issues regarding Jim’s rule violation. Wellhead Protection staff also will request email addresses to ensure company contact information is accurate.

Fiscal Year 2014 Totals

Records Received

| | |
|-----------------------------|--------------|
| Water Wells..... | 2,954 |
| Pumps | 1,403 |
| Monitoring Wells..... | 1,424 |
| Heat Pumps..... | 732 |
| Abandonments..... | 1,804 |
| <u>Reconstructions.....</u> | <u>98</u> |
| Total..... | 8,415 |

Online Submittals

| | |
|------------------------------------|------------|
| Water Wells..... | 12 |
| Pump Records..... | 6 |
| Reconstructions..... | 0 |
| Abandonments..... | 0 |
| Heat Pumps..... | 0 |
| Monitoring Wells..... | 162 |
| Monitoring Well Abandonments | 226 |
| <u>Permit Renewals.....</u> | <u>157</u> |
| Total..... | 563 |

New Permits Issued

| | |
|-------------------------------|------------|
| Water Well Permits..... | 40 |
| Pump Permits | 62 |
| Monitoring Well Permits..... | 48 |
| <u>Heat Pump Permits.....</u> | <u>35</u> |
| Total..... | 185 |

| | |
|--------------------------------|-------|
| Tests Administered..... | 120 |
| Permits Not Renewed | 112 |
| Apprentice Permits Issued..... | 66 |
| Permits Renewed..... | 1,157 |

Compliance and Enforcement

| | |
|---|-----|
| Probationary Agreements | 13 |
| Administrative Cases Assigned | 196 |
| Field Cases Assigned..... | 36 |
| Administrative Cases Resolved | 138 |
| Field Cases Resolved | 36 |
| Administrative Letters of Warning | 13 |
| Field Letters of Warning..... | 2 |
| Case Reminder Letters..... | 211 |
| Abandonment Database Letters | 52 |
| Certification Fee Letters | 55 |
| Late Fee Letters | 101 |

Public Contacts

| | |
|---------------------------------------|---------------|
| Incoming Mail | 10,567 |
| Outgoing Mail..... | 16,553 |
| Incoming Email | 2,322 |
| Incoming Calls..... | 7,215 |
| Outgoing Calls..... | 2,786 |
| Sunshine Requests..... | 547 |
| <u>Educational Presentations.....</u> | <u>27</u> |
| Total..... | 40,017 |

Miscellaneous

| | |
|--|-----|
| Variances Issued | 188 |
| Casing Points Issued | 152 |
| Public Water Supply Notifications Received..... | 205 |

Well Installation Board News

The Well Installation Board held its quarterly meeting Friday, Aug. 22, 2014, in Sikeston. The Board received updates on program and section activities and proposed rulemakings. The Board heard the annual Groundwater Protection Fund update and voted to keep Groundwater Protection Fund fees the same for the coming year. The next quarterly meeting is scheduled for 10 a.m., Friday, Nov. 21, 2014, in the Mozarkite Conference Room, Missouri Geological Survey, 111 Fairgrounds Road, in Rolla.

Staff News

Lori Miller Joins the Section



Lori Miller recently accepted the position of Correspondence Clerk with the Wellhead Protection Section. She officially began her duties October 1, 2014.

Lori has an extensive office support background, having spent the majority of her career with the Illinois Department of Corrections before moving to the area. Most recently, she worked in Rolla for the Missouri Department of Social Services.

We are very excited about the addition of Lori to our team.

When asked for a few words, Lori said, "I am very excited to be joining this agency. I have had many years of state employment with Illinois and Missouri. However, I believe I have reached my lifetime goal by obtaining this position and with a little help and guidance, I hope to be a continued asset to this Department."

Rule Update

Five Missouri Well Construction Rule amendments are moving through the rulemaking process. Draft rules, when completed, are available on the Geological Survey Program's Rules in Development Web page at dnr.mo.gov/geology/geosrv/geo-rules-in-dev.htm. A tentative rulemaking strategy and upcoming stakeholder meetings also may be found on the Rules in Development Web page.

The draft language for Disciplinary Action and Appeal Procedures (10 CSR 23-1.075) approved by the Board at the May 2014 meeting was forwarded to the department's legal team for review before filing with the Secretary of State's Office. After filing, the draft amendment will be published in the *Missouri Register* and the formal 30-day public comment period will begin.

The draft language for Definitions (10 CSR 23-1.010), Types of Wells (10 CSR 23-1.030) and Modification by the Division (10 CSR 23-1.040) was forwarded for review by the Interagency Review Committee for a 30-day comment period.

Stakeholder meetings regarding Well Plugging (10 CSR 23-3.110) were held in July 2014, in Springfield, Poplar Bluff, Macon, Columbia and Farmington. Based on comments received and further internal discussion, staff will revise the draft amendment and begin working on a Regulatory Impact Report as required by Section 640.015 RSMo.

Looking Below the Surface

Don't miss the feature article by Justin Davis that appears in the current issue of *Missouri Resources* magazine. The article, "Looking Below the Surface," provides information about the educational water well that was constructed recently at the Missouri Geological Survey. The 200-foot-deep well constructed using clear well casing may be the first well of its kind in Missouri. This well offers a unique opportunity for students, educators, well drillers and others to literally see the underground workings of a water well and to observe the interaction of well construction materials used to ensure clean, safe drinking water in Missouri. Read the article online at dnr.mo.gov/magazine/docs/mr-fall-2014.pdf#page=10. If you wish to subscribe to the magazine, fill out this subscription form, and you will receive future issues of the magazine: dnr.mo.gov/magazine/subscription.htm.

Welcome Contractors

The following individuals are now part of the Missouri Department of Natural Resources' permitted contractor community:

Down Home Heating & Air – Brandon Gilmore
Environmental Operations – Robert Andrews,
Nolan Walla
Leggette, Brashears & Graham – Martha Silks
MoDNR – Diane Vitello, Jiayi Liu
SCI Engineering – Jarred Schmidt, Benjamin Butterfield

Welcome Apprentice Contractors

The following individuals are now part of the Missouri Department of Natural Resources' permitted apprentice contractor community:

A-1 Pump & Supply Co – John Guill
Lefty's Pump and Drilling – Adam Becknell,
Derek Peterson

Farewell

The people addressed below are no longer permitted to operate as contractors according to the Water Well Drillers Act and Missouri Well Construction Regulations:

Ambrose, John
Covert, George
Ensafe Inc – William Backus
Environmental Operations – Derek Bouchard
Evans Consulting – Dan Evans
Flynn Drilling – Jack Neusus
Harriss, Cecil
Harriss, Charles
Huston, Richard
Lacy, Gail
Marshall, Dakota
MoDNR – Timothy O'Brien, Shelly Jackson,
Thomas Judge, Adam Vrabec
Partner Engineering & Science – Janet Annan
PSA Environmental – Jacob Hendrix
SS & B Heating & Cooling – Michael Jones
Stantec Consulting – Andrew Hardwick
The Doe Run Company – George Childers
Trileaf Corp – Willard Rodgers II

Using GeoSTRAT to Determine Property Locations

Property locations may be found using the department's Geosciences Technical Resource Assessment Tool, known as GeoSTRAT. Once at the GeoSTRAT website, type the 911 address in the search box located above the map and press the enter key. Move the cursor pointer over the drilling site to display the latitude and longitude coordinates shown at the bottom right-corner of the map. If the coordinates are not visible, bring the scroll bar downward or open the browser window to fill the screen. GeoSTRAT is best viewed using Google Chrome or Mozilla Firefox browsers. GeoSTRAT is online at dnr.mo.gov/geology/geostrat.htm.

Contractor and Apprentice Well and Pump Testing Schedule

All tests begin at 9 a.m.

The following testing dates are scheduled at the Missouri Geological Survey, 111 Fairgrounds Road, Rolla.

| | |
|-------------------|-------------------|
| November 19, 2014 | January 14, 2015 |
| December 17, 2014 | February 11, 2015 |
| | March 11, 2015 |

Testing dates may be modified if necessary.

Please bring a picture ID with you to the testing site.

If you are applying for a non-restricted permit, please be sure to bring your global positioning unit (GPS) and operating manual to the test site. Your GPS unit should be programmed to read in degrees, minutes, and seconds in accordance with 10 CSR 23-3.060(5).

If you have questions concerning this schedule or testing please call 573-368-2450. Persons with disabilities who may require special services may contact Jeannie Hoyle at the number above.

Permit Renewal Changes

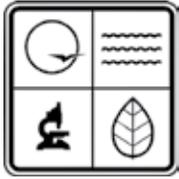
The department is moving to a permit cycle in which all permits are due on the same date. Therefore, all well, pump and heat pump installation contractor permits will expire October 1, 2015. This change will increase efficiency in state government and will be less confusing and cumbersome for companies that have multiple employees who hold permits that expire at different times during the calendar year. In order to begin this process, permit fees during the next year will be pro-rated to reflect the new expiration date. The total amount due will be noted at the bottom of all letters. Please submit the proper amount to the department.

Contractors are advised to renew permits before the expiration date. Failing to renew before the permit will result in a 40 percent late fee, if renewed within 30 days of expiration. Permits that have been expired more than 30 days will be cancelled. A contractor who continues working without a permit is in violation of 10 CSR 23-1.090. If a permit is cancelled, the permittee will have to re-apply for a permit, take the appropriate test, and may be required to post a bond and be required to prenotify all work for one year.

Receive Updates Via GovDelivery

GovDelivery allows subscribers to receive updates about topics relating to Wellhead Protection. Red envelope icons are available on many of the department's Web pages identifying this service. Individuals are able to create a personalized subscription list of content. When content changes, such as rule updates, GovDelivery sends email or text alerts informing subscribers. Get started at dnr.mo.gov/geology/geosrv/wellhd/ and click on the red envelope, enter your email address or sign in using social media, and choose the topics for which you would like to receive updates.





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Missouri Geological Survey
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Wellhead Protection Section Staff
573-368-2165

Staff Website: dnr.mo.gov/geology/geosrv/wellhd/job.htm
Well Online Services: dnr.mo.gov/mowells/

- **Kyle Rollins – Section Chief**
Management of section, regulations, policy and rulemaking.
573-368-2171 • kyle.rollins@dnr.mo.gov
- **Justin Davis – Investigation and Remediation Unit Chief**
Field investigation and remediation, variances, casing depths, well construction and abandonment information.
573-368-2167 • justin.davis@dnr.mo.gov
- **Sheri Fry – Compliance and Enforcement**
Regulations, enforcement, policy, rulemaking and legislation.
573-368-2115 • sheri.fry@dnr.mo.gov
- **Christy Miner – Processing Unit Chief**
Information regarding pending enforcement letters, permitting and testing.
573-368-2174 • christy.miner@dnr.mo.gov
- **Airin Haselwander - Geologist**
Public Water Systems, pilot holes, casing depths and variances.
573-368-2196 • airin.haselwander@dnr.mo.gov
- **Eric Hohl – Technical Assistant**
Water well construction and certification information and abandonment registration information.
573-368-2168 • eric.hohl@dnr.mo.gov
- **Jeannie Hoyle – Permitting Clerk**
Permitting, testing and apprentice information.
573-368-2450 • jeannie.hoyle@dnr.mo.gov
- **Lori Miller – Correspondence Clerk**
Matching of well and pump records, correspondence requesting information.
573-368-2318 • lori.miller@dnr.mo.gov
- **Brad Mitchell – Geologist**
Field investigation, well construction information, variances and casing depths.
573-368-2116 • brad.mitchell@dnr.mo.gov
- **Matt Parker – Geologist**
Field investigation, well construction, Special Area 2, variances and casing depths.
573-368-2170 • matt.parker@dnr.mo.gov
- **Karen Smith – Section Secretary**
General information, fee letters, requests for forms and publications.
573-368-2165 • karen.smith@dnr.mo.gov
- **Vacant – Technical Assistant**
Field investigation, well plugging, heat pump records.
573-368-2159
- **Vacant – Office Support Assistant**
General information, data entry and receptionist.
573-368-2375