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AUG 09 2019

WATER RESOURCES WESTERN REGION

63

892242

well ID

ID NUMBER 403289 (Motive Power VO-28)

State of Idaho Department of Water Resources AUTHORIZATION TO ABANDON (DECOMMISSION) A WELL

1. WELL OWNER INFORMATION: (The well owner is the person who legally owns the property.)

Name: MotivePower
Current Mailing Address: 4600 Apple Street
City: Boise State: ID Zip Code: 83671
Telephone: ()

2. WELL LOCATION: (GPS required in Degrees Decimal Minutes.)

Twp. 3 North Rge. 2 East Sec. 25 1/4 SE 1/4 SW 1/4
Gov't Lot No. County Ada Lat. 43 33.834 Long. -116 10.074
Street Address of Well Location: Breckenridge Homeowners Association property
City: Boise Lot, block and subdivision:

3. TYPE OF WELL:

DOMESTIC MONITORING IRRIGATION OTHER (Describe)

4. WELL INFORMATION: (*Casing size, well depth & static water level data are required.)

Well Tag Number: D0039039 Previous Drilling Permit Number: 888052-832701
Water Right Number:
Well Log on File? (Provide if available) Yes No Temperature: less than 85°F greater than 85°F
*Casing Size: 2 inch *Material: PVC *Well Depth 50 feet at completion (measured)
*Current Static Water Level: 46.3 following completion (measured) Flowing Artesian? Yes No

5. REASON FOR ABANDONMENT OF WELL:

No longer required
Property being developed

6. PROPOSED METHOD OF ABANDONMENT: (Must be consistent with IDAPA 37.03.09. This Application must be reviewed prior to commencement of abandonment.)

Coated bentonite pellets will be emplaced in the well up to a depth determined to be above the well water level followed by eplacing granular bentonite to a depth of approximately 2 feet below the ground surface. The surface housing will be removed, the well casing will be cut down and a cement (with 5% bentonite) surface seal will be set.

7. Drilling company name: Olympus Technical Services, Inc. (abandonment contractor) compan

8. Date of abandonment: August 2019

9. Applicants signature:

10. Title: Idaho Professional Geologist date: August 8, 2019



ACTION OF THE DEPARTMENT OF WATER RESOURCES

This application for abandonment has been reviewed by IDWR on August / 9 / 2019

This review does not constitute an endorsement by IDWR of the proper abandonment of this well. Pursuant to Section 42-238(12), Idaho Code, all abandonments must meet the requirements of the Administrative Rules for Well Construction Standards. Abandonment of this well will require the services of a well driller licensed in the State of Idaho unless a waiver has been granted.

Signature of Authorized Department Representative

Technical Hydrogeologist Title

NAME: Olympus Technical Services ID NUMBER: VO-28

ABANDONMENT REPORT

ABANDONMENT PROCEDURES:

Must describe **all** details of work performed, including perforations, sealing materials, and how casing was removed.

PROCEDURE:	FROM:	TO:	WEIGHT/VOLUME:
Portland cement (~5% bentonite) seal	0	5.25	
Hydrated granular bentonite	5.25	41.25	
Coated bentonite pellets	41.25	51.4	

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DRILLER'S CERTIFICATION

I/We certify that all minimum well construction standards were complied with:

Drilling Company: Olympus Technical Services License # _____
Principal Driller: _____ Date: 8/21/19
Operator: _____ Date: 8/21/19

PRELIMINARY PLAT OF
ECHOLON RIDGE SUBDIVISION
 A PORTION OF LAND LOCATED IN A PORTION OF
 THE SW 1/4 OF SECTION 25 AND THE NW 1/4 OF SECTION 35,
 T.3N, R.2E, B.M. BOISE CITY, ADA COUNTY, IDAHO
 JULY 29, 2016








ASPEN ENGINEERS
 1350 E AMITY RD
 BOISE, IDAHO 83716

REVISIONS

NO.	DATE	BY	DESCRIPTION
1	07/29/16	AS	PRELIMINARY PLAT

PP-2
 2 of 5

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- LEGEND**
-  APPROXIMATE SITE BOUNDARY
 -  APPROXIMATE EDGE OF TERRACE
 -  A ZONE MONITORING WELL
 -  A ZONE INJECTION WELL
 -  A ZONE INJECTION/MONITORING WELL
 -  A ZONE INJECTION/RECOVERY/MONITORING WELL
 -  A ZONE RECOVERY WELL





October 1, 2019

VIA E-MAIL

Idaho Department of Water Resources
P.O. Box 83720
Boise, Idaho 83720-0098

Re: Monitoring Well Abandonment Report
MotivePower Facility
4600 Apple Street
Boise, Idaho
AGI Project No. 00008-026

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To Whom it May Concern:

On August 21, 2019, nine off-site remedial injection/monitoring wells (VO-28, VO-29, VO-30, VO-31, VO-32, VO-33, VO-34, VO-35, and VO-36) were abandoned as described in the attached report. The wells were located on off-site property north of the Motive Power facility near the intersection of S. Federal Way and E. Amity Road. This parcel of property is currently being redeveloped.

Please call me at (724) 733-7000 if you have any questions.

Sincerely,

AMERICAN GEOSCIENCES, INC.

Wendy T. Noe
Project Manager

wtn/tdw

cc: Juliette Floyd, MotivePower (electronic copy)
Pete Johansen, IDEQ (electronic copy)

Attachment – Well Abandonment Report

(Y:\00\00008\00008-026 TI Waiver\Well Abandonment\Send To IDWR\Well Abandonment Letter To IDWR Docs)

September 27, 2019

Juliette Floyd
MotivePower Inc.
4600 Apple Street
Boise, Idaho 83716

Re: Well Abandonment - MotivePower - Boise, Idaho
Olympus Project A7264

Via: email - jafloyd@wabtec.com

Dear Ms Floyd:

Olympus Technical Services (Olympus), under contract with MotivePower abandoned nine monitoring wells associated with MotivePower's facility located in Ada County, Idaho at 4600 Apple Street in Boise (Site)

In a July 24, 2019, email to the Idaho Department of Environmental Quality (IDEQ) (*Subject: 00008 - Motive Power proposed wells to abandon*), Motive Power's environmental consultant, American Geosciences, Inc., proposed abandoning unused groundwater wells constructed for remedial injection/monitoring purposes, and wellhead modifications to selected wells. In a July 23, 2019, email, IDEQ responded (*Subject: FW: 00008 - Motive Power proposed wells to abandon*) stating (regarding the proposed wells for abandonment), in part:

"... We'll still have adequate monitoring well coverage, and the likelihood for future bioremediation using these wells is low. ..."

DEQ would also require a report detailing decommissioned well locations and the necessary modifications for the remaining wells, including any supporting documentation from IDWR. ..."

Prior to well abandonment, Olympus completed the Idaho Department of Water Resources (IDWR) *Authorization to Abandon (Decommission) a Well* (Form 238(4)-2 02/2014) for groundwater monitoring/remediation wells VO-28, VO-29, VO-30, VO-31, VO-32, VO-33, VO-34, VO-35, and VO-36. Attachment A includes a figure showing the well locations. In our submittal, we requested that, in accordance with Idaho Statue Title 42-238, that the IDWR grant a waiver of the requirement to have a licensed well driller abandon the wells and allow Olympus to abandon the wells under the supervision of an Idaho-registered Professional Geologist. The IDWR approved (via email) the well abandonments on August 9, 2019. Attachment A includes the IDWR approval documentation.

On August 21, 2019, Olympus abandoned the subject wells in accordance with IDWR requirements. We abandoned the wells by removing the well housings and concrete surface seals, emplacing coated bentonite pellets in the wells screened intervals (below the water table), and emplacing hydrated granular bentonite (above the water table). Following bentonite emplacement, we cut down the well casings, and set a Portland cement (with 5% bentonite) seal. Attachment A includes copies of the IDWR-approved well abandonment documentation.

Olympus performed the services reported in this document in a manner consistent with generally accepted principles and practices for the nature of the work completed in the same or similar localities, at the time the work was performed. No other warranty, express or implied, is made. Opinions contained in this document apply to conditions existing when the services were performed. All conclusions and recommendations are based on readily available and reasonably ascertainable information on site conditions at the time of the work and for the laws in effect at that time. We are not responsible for any changes in environmental standards, practices, or regulations subsequent to performance of services. This document is not meant to represent a legal opinion. We do not warrant the accuracy of information supplied by others, nor the use of segregated portions of this document.

Please contact me if you have any questions or comments. You can contact me by e-mail at MBacke@OlyTech.com or by telephone at (208) 562-5500.

Sincerely,

Olympus Technical Services, Inc.



Michael Backe, P.G.
Principal Hydrogeologist

Attachment A - Well Abandonment Documents

cc: Wendy T. Noe, American Geosciences (via email)

From: [Hersley, Chad](#)
To: [Mike Backe](#)
Cc: [Jones, Chad](#); [Skinner, Aaron](#); [Neace, Thomas](#)
Subject: RE: Well Abandonment - Motive Power - OTS A7269
Date: Friday, August 9, 2019 11:19:54 AM
Attachments: [MotivePower_2019 \(2\).pdf](#)

Mr. Backe;

Attached are the approved authorization for decommissioning forms. This email serves also as a waiver from the requirement to have the wells decommissioned by a licensed well driller as long as the work is performed or supervised by a professional geologist or professional engineer, licensed in Idaho.

Chad. F. Hersley, P.G.
Technical Hydrogeologist
Idaho Department of Water Resources
Ground Water Protection Section
208-287-4930

From: Mike Backe [mailto:mbacke@olytech.com]
Sent: Thursday, August 08, 2019 11:12 AM
To: Hersley, Chad <Chad.Hersley@idwr.idaho.gov>
Cc: Wendy T. Noe (wnoe@amergeo.com) <wnoe@amergeo.com>; Floyd, Juliette <jbadley@Wabtec.com>
Subject: Well Abandonment - Motive Power - OTS A7269

Chad,

Attached is the well abandonment request (PDF-formatted) which we spoke of yesterday on the telephone. As site redevelopment is scheduled to start next week, we would appreciate if IDWR could approve this application on an expedited basis.

Thanks,

Michael Backe

Olympus Technical Services, Inc.
5956 West Victory Road
Boise, Idaho 83709
(208) 562-5500
www.OlyTech.com

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The content of this email may be attorney-client privileged. If you are not the intended recipient, please notify us by return email and delete the message.
Source: Deadwood