

6390 Joyce Drive  
# 100  
Golden, CO 80403

Phone 303-940-0033  
Fax 866-283-0269  
[www.phenova.com](http://www.phenova.com)

October 3, 2022

Mr. David Romine  
Paragould Light Water & Cable  
401 Grant Lane  
P.O. Box 9  
Paragould, AR 72450  
United States

Dear David,

Thank you for participating in the R33985 Rapid Return™ Proficiency Testing Study. Enclosed is your final report, which has been carefully reviewed by the PT specialists at Phenova. A final report for your laboratory has been sent to all accrediting agencies you requested at the time of your data submittal.

Thank you again for participating in the R33985 Rapid Return™ Proficiency Testing Study. We appreciate working with you and look forward to our next study. If you have any questions, please call us at 866-942-2978.

**Report Definitions:**

***Assigned Value***

The Assigned Value is determined from the study mean, gravimetric and volumetric true concentration of an analyte to be analyzed, calculation and/or an appropriate reference value as stipulated in the EPA National Standards for Water Proficiency Testing Studies Criteria Document (current version), the National Environmental Laboratory Accreditation Conference Institute (TNI) criteria (ref: TNI FOT tables, TNI PT Committee) and other documents distributed by accrediting agencies as applicable.

***Evaluation Limits***

Acceptance Limits are derived from fixed limits, coefficients, constants and calculations stipulated in the EPA National Standards for Water Proficiency Testing Studies Criteria Documents (current version), the National Environmental Laboratory Accreditation Conference Institute (TNI) criteria (ref: TNI FOT tables, TNI PT Committee) and other documents distributed by accrediting agencies as applicable.

***Evaluation***

<i>Acceptable</i>	The reported value falls within the Acceptance Limits.
<i>Not Acceptable</i>	The reported value falls outside the Acceptance Limits.
<i>No Evaluation</i>	The reported value is non-numeric and can not be evaluated.
<i>NR</i>	As required by the TNI standards and requested by state authorities, any analyte purchased but not reported by your facility is listed as NR (Not Reported).

This report must not be reproduced except in full, without the written approval of Phenova.

Various aspects of Phenova's proficiency testing schemes can from time to time be subcontracted. If subcontracting occurs, it is placed with a competent and qualified subcontractor and Phenova is responsible for all work performed.

This report must not be used to claim product certification, approval, or endorsement by the American Association for Laboratory Accreditation (A2LA) or any agency of the federal government.



6390 Joyce Drive  
# 100  
Golden, CO 80403

Phone 303-940-0033  
Fax 866-283-0269  
www.phenova.com

State Regulatory Agency Request(s):

Phenova has been authorized to send a copy of your R33985 final results to the following state agencies:

AR

Other Regulatory Agency Request(s):

No requests were made to send a copy of your R33985 final results to an agency.

Third Party Request(s):

No requests were made to send a copy of your R33985 final results to a third party.

6390 Joyce Drive  
# 100  
Golden, CO 80403

Phone 303-940-0033  
Fax 866-283-0269  
www.phenova.com

## Final Report - Rapid Return<sup>TM</sup>

### Study: R33985

Opening Date: August 18, 2022 - Closing Date: September 30, 2022

Laboratory: Paragould Light Water & Cable  
401 Grant Lane  
P.O. Box 9  
Paragould, AR 72450  
UNITED STATES

Contact: Mr. David Romine, WWTP Operations Mgr  
(870) 239-7723

EPA Lab ID: AR00957

### Trace Metals 1 (RR-TM1-WP)

Lot #: R33985-04

NELAC Code	Analyte	Analysis Date	Analyst	Method Code	Method Description	Units	Assigned Value	Result	Acceptance Limits	Evaluation
1000	Aluminum					µg/L	290		220 - 369	NR
1005	Antimony					µg/L	368		291 - 432	NR
1010	Arsenic					µg/L	442		368 - 511	NR
1015	Barium					µg/L	2130		1810 - 2450	NR
1020	Beryllium					µg/L	87.4		74.3 - 100	NR
1025	Boron					µg/L	1790		1520 - 2060	NR
1030	Cadmium	9/21/2022	C. Hester		3111 B or C - 2011	µg/L	550	500	467 - 632	Acceptable
1040	Chromium	9/15/2022	C. Hester		3111 B or C - 2011	µg/L	129	132	110 - 148	Acceptable
1050	Cobalt					µg/L	217		185 - 250	NR
1055	Copper					µg/L	552		469 - 635	NR
1070	Iron					µg/L	1510		1290 - 1740	NR
1075	Lead					µg/L	1220		1040 - 1400	NR
1090	Manganese					µg/L	451		384 - 519	NR
1100	Molybdenum					µg/L	342		294 - 386	NR
1105	Nickel					µg/L	296		254 - 342	NR
1140	Selenium					µg/L	337		286 - 387	NR
1150	Silver					µg/L	306		260 - 352	NR
1160	Strontium					µg/L	313		266 - 360	NR
1165	Thallium					µg/L	179		138 - 215	NR
1185	Vanadium					µg/L	1310		1110 - 1510	NR
1190	Zinc					µg/L	425		361 - 489	NR