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State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Water Rights

KENT L. JONES
State Engineer/Division Director

September 10, 2012

RE: SEAA 1440: Measuring Device Notice

To: Rocky Ford Irrigation Co.
Minersville Reservoir & Irrigation Co.

After inspection of the 12" Parshall Flume installation location on August 21, 2012, the location was determined to not be acceptable and is hereby not approved to fulfill the requirements in the SEAA 1440. The location used is not suitable for the following reasons:

- 1) Location is below the high watermark of Minersville Reservoir.
- 2) Not suitable for automated measuring device and telemetry installation.
- 3) The design and precise location was not approved before installation.
- 4) Not easily accessed for readings by the water commissioner.

The measuring device location should be located above the high water mark of Minersville Reservoir and below the Adamsville Iron Bridge. Note: It is not necessary to include the Indian Creek tributary water in this measuring device. Indian Creek can be measured at the concrete bridge located in Adamsville. Please review the original SEAA 1440 and related cover letter for additional details.

During visits in August 2012, a suitable location was determined downstream of the Iron Bridge, where river turns from west to south. This location is near and east of a lone Russian Olive tree and a fence junction. See Attached photomap. A more appropriate measuring device would involve a low dam or ramp flume that can measure both high and low flows without submergence, clogging or washout. Some stream bank armoring may be required.

A stream alteration permit WILL be required for disturbance of soils in the streambed. You can contact the Stream Alteration Section at (801) 538-7414, to submit this permit application.

It is advisable that this work is completed in the next 1-3 months when the river is at low flow conditions. This will minimize impact compared to installation during high flow periods. Once this measuring device is established, the Division is considering installation of automated measuring and telemetry. Please coordinate the installation with my office, the Water Commissioner and the local land owners for appropriate permission to access.

Sincerely, *Mike Silva*

Mike Silva, Distribution Engineer

Enclosure: PhotoMap

cc: Steve Gale: Beaver River Water Commissioner
Southwestern Regional Office, Cedar City
Steve Bradshaw, Landowner



SEAA 1440: Measuring Device Notice



**Measuring Device Location: West of Center Street
Below Adamsville Iron Bridge, Beaver County, Utah**