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Governor



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Director

ARIZONA DEPARTMENT of WATER RESOURCES
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Request and Approval for Use of a Supervisory Control and Data Acquisition (SCADA) System as an Alternative Measuring Device/Method

Pursuant to Arizona Administrative Code (A.A.C.) R12-15-909(A), a responsible party may use an alternative water measuring device or method that differs from those described in A.A.C. R12-12-903 provided the device or method is approved in advance by the Director. The Director shall approve an alternative water measuring device or the method if the device meets the requirements of R12-15-905 (measurement error does not exceed ten (10) percent of the actual flow rate). The Director may require from the responsible party such information as may be necessary to demonstrate that the alternative device or method meets the requirements of A.A.C. R12-15-905.

Applicant: _____

Water Right/Permit No: _____

Applicant: Please supply a listing of wells proposed to utilize a Supervisory Control and Data Acquisition (SCADA) system as an alternative measuring method.

Note: Withdrawals from any wells not utilizing a SCADA system shall be measured using totalizing meters or any other approved method for purposes of measuring and reporting annual water withdrawals to the Department.

Authorized Agent (Print) _____

Authorized Agent Signature _____ Date _____

By this agreement, the Director recognizes that the SCADA system is a totalizing device/method of measurement and hereby approves the use of the SCADA system proposed by the Provider as an alternative water measuring device suitable for recording and reporting annual water withdrawals to the Department, subject to the following:

1. The Provider shall ensure that the measurement error of the SCADA system for any well utilizing this system of measurement shall not exceed ten (10) percent of the actual flow rate. As

required by A.A.C. R12-15-905(A), the Provider shall calibrate the SCADA system when necessary to ensure that its measurement error does not exceed ten (10) percent of the actual flow rate.

2. If the Provider is unable to ensure that the measurement error of the SCADA measuring device for a particular well shall not exceed ten (10) percent of the actual flow rate, the Provider shall resume using totalizing meters or any other approved method for purposes of measuring and reporting annual water withdrawal for that well to the Department. Should the Provider make modifications to the well system of that particular well which ensures that the measurement error of the SCADA system for that particular well shall not exceed ten (10) percent of the actual flow rate, the Provider may resume use of the SCADA system.

Department Approval _____ Date _____

Please contact Active Management Area staff at 602-771-8585 if you have any questions.