



MSA CONSULTING, INC.

Civil Engineering • Land Surveying • Landscape Architecture
Planning • Environmental Services • Dry Utility Coordination • GIS

CONTRACT AMENDMENT

**Project: Well Benchmark
Desert Hot Springs, CA
Survey Services**

MSA Job #:
2821.100

MSA RFP #:
2457

**Initiated for: Mission Springs Water
District (MSWD)
Attn: Eric Weck, P.E.**

Client Reference:
On-Call Agreement dated 07/01/2024

MSA Project Manager:
Luke R. Beverly, PLS

Date:
December 19, 2024

The following change is proposed for the above referenced project and is a request to amend the previous contracted relationship between MSA Consulting, Inc. and the MSWD. This Contract Amendment is to serve as an addendum to the existing contract established between the two parties. For hourly services, current hourly rates shall apply. A signed copy of a Professional Service Agreement, a Written Notice to Proceed, or a signed copy of this amendment, will serve to acknowledge approval of the terms contained herein:

ADDITIONAL SCOPE OF WORK REQUEST:

1.1. Pre-Survey Data Collection

Review well head locations at eight (8) well sites (Well Nos. 22, 25, 26, 29, 30, 31, 33 and 35) as shown on the attached exhibit. Perform research of established NAVD88 benchmark data in proximity of well sites to be surveyed and prepare necessary office calculations in support of field work. Coordinate access to well sites with well owner (MSWD). Ensure all GNSS survey equipment is calibrated to follow local survey standards and accuracy requirements.

1.2. Field Survey

Field crew to meet MSWD representative at each well site described above to determine best locations of permanent markers to be set on well heads. Includes one (1) additional supplemental temporary benchmark at each well site. Locations to be determined by MSWD representative. Set mag nail (2"x1 1/4") and washer at permanent locations, set appropriate character at supplemental locations and perform survey to tie them to established NAVD88 benchmarks.

1.3. Report

Compile field results and prepare report including an executive summary, introduction, description of surveys performed, description of existing well heads, description of temporary benchmarks set at each well site, description/photos of existing NAVD88 benchmarks used and photos of work performed at each well site.

SCHEDULE

Upon receipt of a Professional Service Agreement, a Written Notice to Proceed, or a signed copy of this amendment and requested documents, MSA estimates the Survey and report to be completed within 45 calendar days.

CLIENT RESPONSIBILITIES and ASSUMPTIONS

The following has been taken into consideration in the preparation of this amendment:

- 1. Prevailing Wage rates are in effect.
- 2. MSWD to provide access to the site as needed.
- 3. MSWD to provide directions as to locations of permanent well head benchmarks and supplemental temporary benchmarks at each well site.

EXCLUSIONS

Consulting services not specifically listed in the scope above are excluded from the amendment. Additional services, if required, may be provided by MSA or other consultants under a separate written proposal with additional fees as approved by the Client. Examples of these include:

- 1. Agency/Impact Fees
- 2. Boundary Survey
- 3. Construction Staking
- 4. Potholing
- 5. Record of Survey
- 6. Corner Record
- 7. As-Build Survey
- 8. Topographic Survey

COST IMPACT:

Total Cost	\$38,000
1.1. Pre-Survey Data Collection.....	\$15,000
1.2. Field Survey	\$13,000
1.3. Report.....	\$10,000

AUTHORIZATION:

Approved by:

Acknowledgment by MSA Consulting, Inc.

Authorized Signature

Signature

Typed/Printed Name

Typed or Printed Name/Title

Typed/Printed Contracting Entity

Date

Date

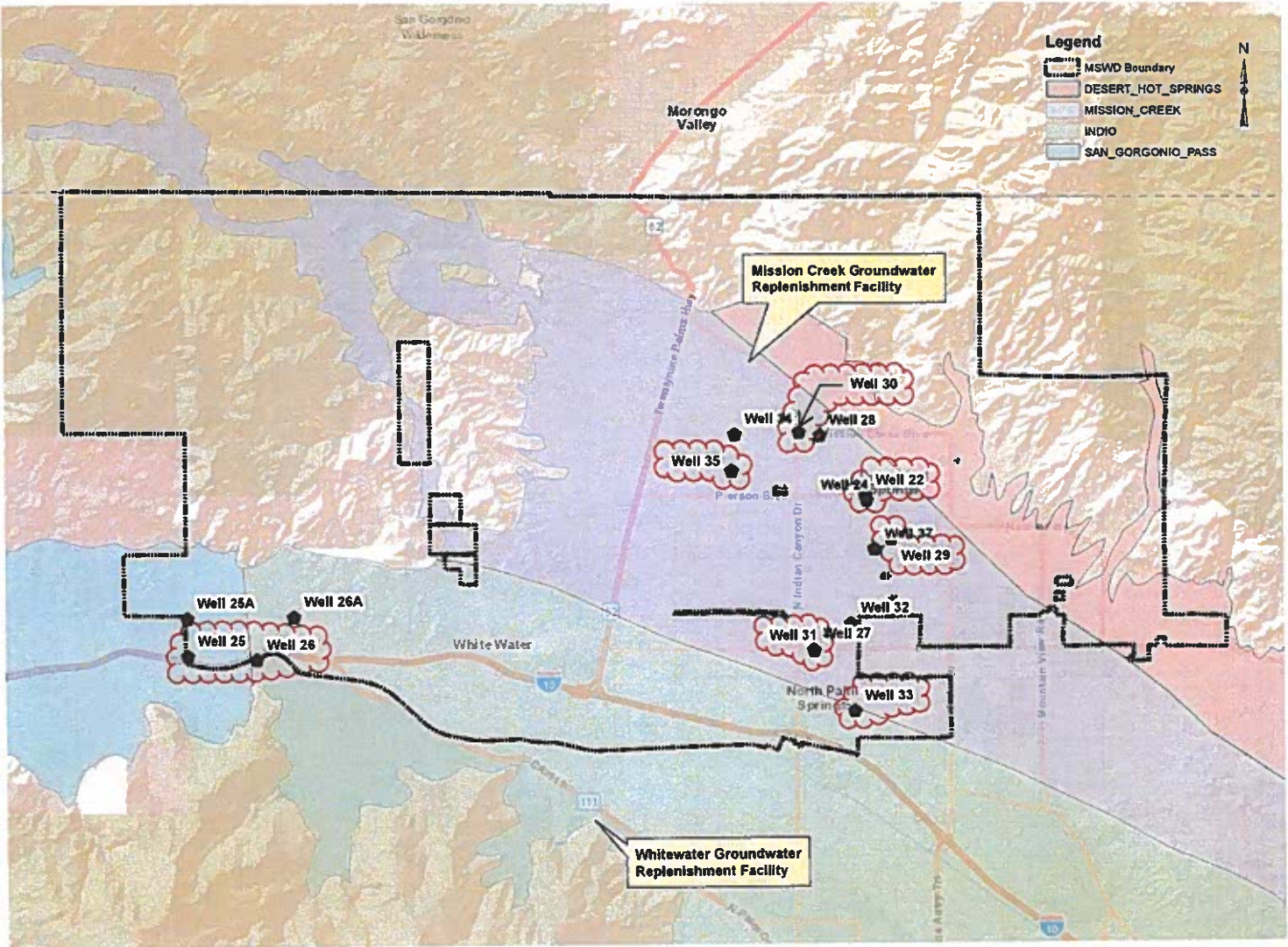


Figure 3.1 - Groundwater Subbasins