

SEASIDE BASIN WATERMASTER
REQUEST FOR SERVICE

DATE: May 16, 2008

RFS NO. 2008-03
(To be filled in by WATERMASTER)

TO: Joe Oliver

FROM: Robert Jaques

Services Needed and Purpose:

To provide assistance to Central Coast Surveyors while they obtain horizontal and vertical survey information for reference points at water wells located within and near the area overlying the Seaside Groundwater Basin. A detailed Scope of Work is attached as Attachment 1.

Completion Date: Work to be completed within 30 days from the date of execution of this RFS No. 2008-03.

Method of Compensation: Time and Expense Payment Method (As defined in Section V of Agreement. See Attachment 2 for a description of these costs.)

Total Price Authorized by this RFS: \$5,000.00 (Cost is authorized only when evidenced by signature below.)

Total Price may not be exceeded without prior written authorization by WATERMASTER in accordance with Section V. COMPENSATION.

Requested by:  Date: 5/14/08
WATERMASTER Technical Program Manager

Authorized by: by  Date: 5/14/08
for WATERMASTER Chief Executive Officer

Agreed to by:  Date: 5/13/2008
PROFESSIONAL

ATTACHMENT 1

Scope of Work for RFS No. 2008-03

Background:

The WATERMASTER is issuing a contract to Central Coast Surveyors to develop accurate elevation and location data for the reference points of each of the 98 wells listed in Attachment A. The locations of these wells are shown on the map in Attachment A. Note that not all of the wells are individually visible on this map, since some of them are in such close proximity that they appear as a single well.

As part of its contract with Central Coast Surveyors, the WATERMASTER has committed to providing personnel to accompany Central Coast Surveyors' personnel performing the field work to take them to each of the well locations where well reference point elevations and location coordinates need to be developed, and to provide access to each of those sites.

The field work to be performed by Central Coast Surveyors will proceed as follows:

Upon receipt of a Notice to Proceed Central Coast Surveyors will determine the method to be used to locate each reference point. They will use a two person field crew to establish a coordinate system, using a GPS rover, to tie into USGS coordinates. They will then begin recording each reference point's position and elevation. For reference points where GPS signal is unavailable they will leave control points. These control points will be used to utilize their terrestrial total station to advance control if necessary, and ultimately record positions for each remaining reference point that is not accessible by a GPS rover. It is estimated that the field work to take 3.5 – 4 days.

Work to be Performed by the PROFESSIONAL Under this RFS No. 2008-03:

Under this RFS No. 2008-03 the PROFESSIONAL will:

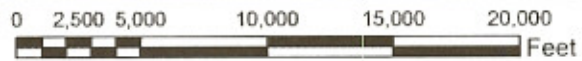
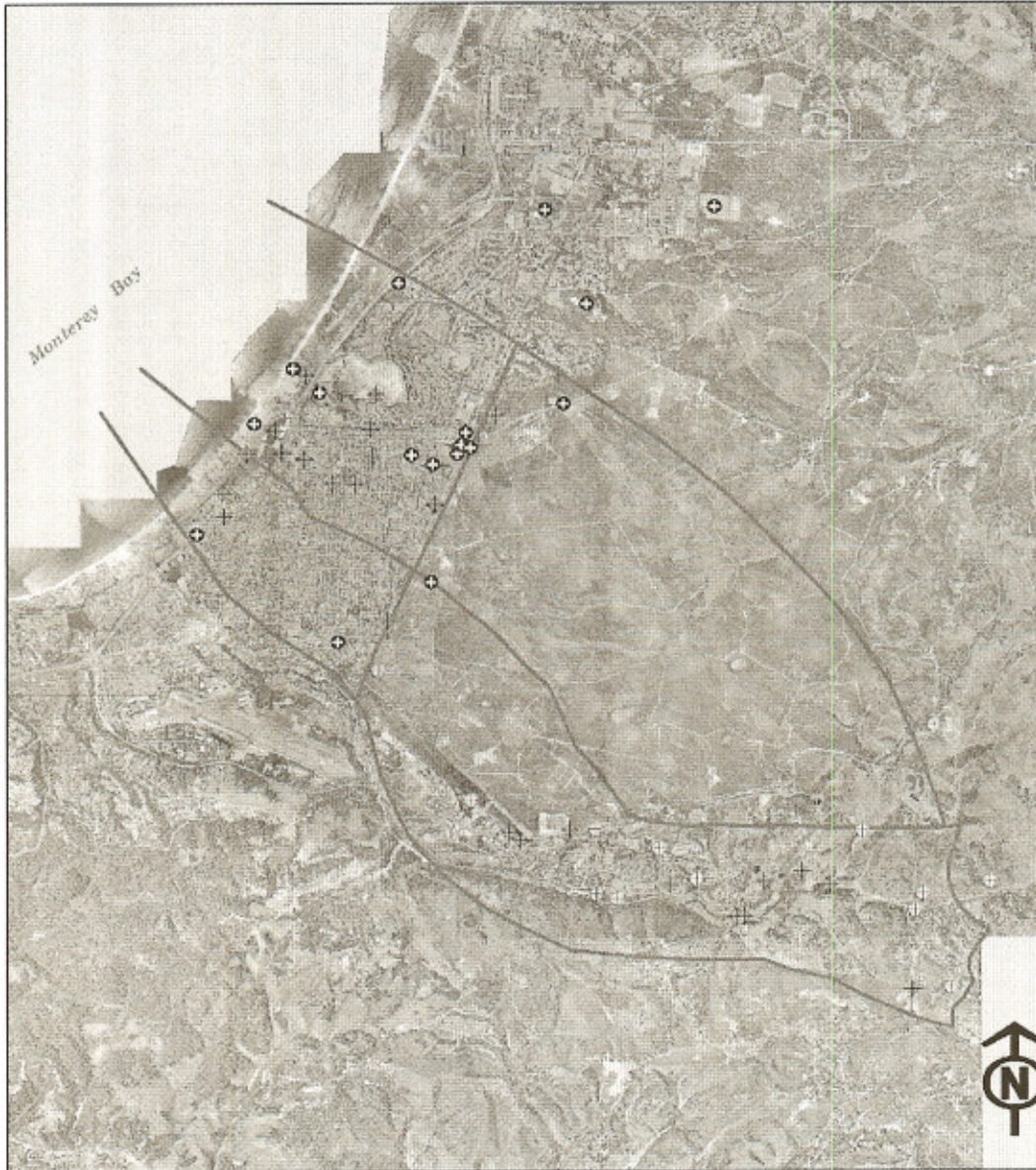
1. Contact Central Coast Surveyors to coordinate the scheduling of the surveying work.
2. Contact each of the well owners to obtain access to the well sites where the reference points are to be surveyed, and to determine what reference point is being used by the well owner to measure water levels.
3. Accompany Central Coast Surveyors personnel to each well site to show them the reference point locations, and provide such other assistance as is appropriate to aid Central Coast Surveyors in performing the survey work.

Attachment A

**Tabulation
and
Location Map
of
Wells for Which
Surveying Data is to be Developed**

WELL NAME	OWNER	LOCATION
CAW - Plumas #4	California American Water Co.	Plumas Ln., Seaside
CAW - Darwin	California American Water Co.	West side of Darwin Ave. midway between Pine St and Manzanita St., Seaside
CAW - Military	California American Water Co.	Military Avenue, Seaside
CAW - Ord Grove #2	California American Water Co.	Off Ord Grove Ave. near cemetery, Seaside
CAW - New Luzern	California American Water Co.	Luzern Street, Seaside
CAW - Playa #3	California American Water Co.	40 feet East of East Front Street 255 feet North of Playa Street, Seaside
CAW - Playa #4	California American Water Co.	Playa (North side of alley), Seaside
CAW - Paralta	California American Water Co.	North end of Paralta Ave., Seaside
Reservoir Well	City of Seaside	Bayonet/Blackhorse Golf Course, Seaside
Coe Avenue Well	City of Seaside	Along Coe Ave. 240 ft. westerly from Ord Ave., then 115 ft. south, Seaside
Public Works Corp. Yard	City of Sand City	1 Sylan Park, Sand City
Cypress Pacific	Monterey Peninsula Engineering	Tioga Ave. & Hwy 1, Seaside (???)
Robinette -Design Ctr.	City of Sand City	Hickory & Shasta St., Sand City
Target	Dayton Hudson Corp. (?)	Sidewalk by Target store
PRTIW -operated by MMP	Mission Memorial Park	Northeast corner of Mission Memorial Park Cemetery
SNG	Security National Guaranty, Inc.	Pratto Plant, Hwy 1 across from Fort Ord Village, Sand City OR Hwy 1 at California St. in Sand City (???)
City #4	Seaside Municipal Water System	1760 Juarez St., Seaside
City #2	Seaside Municipal Water System	Costa & Broadway, Seaside
City #1	Seaside Municipal Water System	Del Monte Heights, off Broadway, Seaside
City #3	Seaside Municipal Water System	Next to Fort Ord fence Juarez & San Pablo St., Seaside
well lot Bishop #1 (west)	CAW - Bishop Unit	In Pasadera subdivision
well lot Bishop #2 (east)	CAW - Bishop Unit	In Pasadera subdivision
Mutual	CAW - Hidden Hills Unit	In CAW Hidden Hills well lot
Standex	CAW - Hidden Hills Unit	Off Laureles Grade Rd., approx. 1/2 miles west of Laureles Rd and Baronet Dr. and approx. 200 feet off Baronet Dr.
Bay Ridge	CAW - Hidden Hills Unit	
RR#7	CAW - Ryan Ranch #7	Approximately 1 mile East on Highway 68 from Canyon Del Rey; 300 feet North off road, Monterey
RR#8	CAW - Ryan Ranch #8	Ryan Ranch #8 - Highway 68, Monterey
RR#11	CAW - Ryan Ranch #11	In Ryan Ranch
Old Main Gate (Lot #12)	Pasadera - New Cities Development	160 Pasadera Lane
Paddock #1(Lot #11)	Pasadera - New Cities Development	200' North of Salinas-Monterey Highway and 1 mile west of intersection of Los Laureles Highway, & S & Mont. Hys.
York School	York School	
(new #12)	Laguna Seca Golf Resort	Near No. 12 hole on golf course
(racetrack)	Laguna Seca Golf Resort	Laguna Seca Ranch, off Highway 68, below Clubhouse, Monterey
SPCA	SPCA	
LS Cnty Park #1 (former #3)	Monterey Cnty Parks District	Off of Highway 68
LS Cnty Park #2 (former #4)	Monterey Cnty Parks District	Off of Highway 68
MSC-Shallow	MPWMD	HWY 1, SAND CITY
MSC-Deep	MPWMD	HWY 1, SAND CITY
PCA-W Shallow	MPWMD	HWY 1, SAND CITY
PCA-W Deep	MPWMD	HWY 1, SAND CITY
PCA-E (Multiple) Shallow	MPWMD	HWY 1, SAND CITY
PCA-E (Multiple) Deep	MPWMD	HWY 1, SAND CITY
Ord Grove Test-Shallow/Deep	MPWMD	1987 PARK CT, SEASIDE
Paralta Test-Shallow/Deep	MPWMD	2104 PARALTA AVE., MONTEREY(???)
Ord Terrace-Shallow	MPWMD	1700 block of Ord Grove Ave. near T intersect w/ Baldwin Ct., Seaside
Ord Terrace-Deep	MPWMD	
MPWMD #FO-09-Shallow	MPWMD	N2127579.26693; E???
MPWMD #FO-09-Deep	MPWMD	
MPWMD #FO-10-Shallow	MPWMD	N2130543.48114; E???

SEASIDE GROUNDWATER BASIN WATERMASTER
Wells to be Surveyed for Reference Point Elevations



Legend

- ⊕ Coastal Seaside Subareas Monitor Wells (and vicinity) selection
- ⊙ Laguna Seca Basin Monitor Wells (and vicinity) selection
- ⊕ Seaside Basin Production Wells selection
- Seaside Groundwater Subareas

Prepared by MPWMD
u/om/pd00/seasidesurvey

ATTACHMENT 2

COST DESCRIPTION

The costs for the work of this RFS No. 2008-03 will be performed on a Time-and-Material basis. Hourly rates for these services will be charged at the individual hourly rates for the personnel involved in performing this work. These rates will be in the range of \$65 to \$100 per hour. To develop the Total Price of this RFS No. 2008-03, an assumed hourly rate of \$85 was used.

Assuming that there could be as many as five field days of work involved, and that the PROFESSIONAL will likely need about two days in advance to set up access arrangements with the well owners, the PROFESSIONAL's costs could be on the order of 7 days x 8 hours/day x \$85/hour = \$4,760. To allow for some variation in the hourly rates of the PROFESSIONAL's personnel involved in this work, and to provide an allowance for mileage and other direct costs, the Total Price of this RFS No. 2008-03 is established as \$5,000.00

Mileage will be charged at the IRS allowable rate. Any other direct costs will be charged at cost.