



MONTEREY PENINSULA WATER MANAGEMENT DISTRICT

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MEMORANDUM

DATE: September 5, 2008
TO: Carmel River Advisory Committee
FROM: Larry Hampson, Water Resources Engineer
SUBJECT: Packet for September 11, 2008 Committee Meeting

Enclosed is the meeting packet for the next meeting of the Committee, which will be held on:

**Thursday, September 11, 2008
10:00 A.M.
Mid-Carmel Valley Fire Station Community Room**

You may also download the meeting packet from the following website:

<http://www.mpwmd.dst.ca.us/programs/river/crac/cracinfo.htm>

For directions, contact Larry Hampson at the Carmel Valley field office at 659-2543 or by e-mail (larry@mpwmd.dst.ca.us).

Enclosure



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Carmel River Advisory Committee Members

John Dalessio, Chair
Lawrence V. Levine,
Vice Chair
Vincent Frumkin
Thomas D. House, Jr.
Susan Rogers
Richard H. Rosenthal
Clive Sanders

Public Comment

Anyone wishing to address the Committee on a matter not listed on the agenda may do so during Public Comment.

DRAFT AGENDA CARMEL RIVER ADVISORY COMMITTEE

**Thursday, September 11, 2008
10:00 A.M. at**

Mid-Carmel Valley Fire Station Community Room

- 1. CALL TO ORDER/ROLL CALL**
- 2. PUBLIC COMMENT**
- 3. CONSENT CALENDAR**
 - A. Consider Approval of Minutes from the June 12, 2008 Regular Meeting.**
- 4. PRESENTATION ON THE REGIONAL PLENARY OVERSIGHT GROUP (REPOG) PLANNING PROCESS BY JIM HEITZMAN, GENERAL MANAGER OF THE MARINA COAST WATER DISTRICT**
- 5. UPDATE AND DISCUSSION ON CARMEL RIVER WATERSHED ACTIVITIES – Clive Sanders**
- 6. DISCUSSION OF PROPOSED FALL 2008 VEGETATION MANAGEMENT PROGRAM ALONG THE CARMEL RIVER**
- 7. STAFF REPORTS**
 - a. UPDATE ON CAL-AM RATE INCREASE APPLICATIONS TO CALIFORNIA PUBLIC UTILITIES COMMISSION**
 - b. INTEGRATED REGIONAL WATER MANAGEMENT PLANNING**
 - c. POTENTIAL EFFECTS OF THE BASIN COMPLEX FIRE ON THE CARMEL RIVER**
 - d. CARMEL RIVER RIPARIAN CORRIDOR IRRIGATION**
- 8. ITEMS TO BE PLACED ON FUTURE AGENDAS**
- 9. ADJOURNMENT**

Staff notes regarding these agenda items will be available for public review on Monday, September 8, 2008 at the District office in Monterey.

**MONTEREY PENINSULA WATER MANAGEMENT DISTRICT
CARMEL RIVER ADVISORY COMMITTEE
September 11, 2008**

1. CALL TO ORDER/ROLL CALL

2. PUBLIC COMMENT - Anyone wishing to address the Committee on a matter not listed on the agenda may do so during Public Comment.

3. CONSENT CALENDAR

A. Minutes from the June 12, 2008 Regular Meeting of the Carmel River Advisory Committee Regular Meeting are attached as **Exhibit A**.

ACTION REQUIRED: The Consent Calendar contains routine items that will be approved or accepted upon ratification of the Consent Calendar. A Committee member may request that a Consent Calendar item be considered separately by the Committee.

4. PRESENTATION ON THE REGIONAL PLENARY OVERSIGHT GROUP (REPOG) PLANNING PROCESS BY JIM HEITZMAN, GENERAL MANAGER OF THE MARINA COAST WATER DISTRICT

BACKGROUND (adapted from Steve Kasower's written testimony before the State Water Resources Control Board in July 2008): The Division of Ratepayer Advocates (DRA), California Public Utilities Commission (CPUC) contracted with the Center for Integrated Water Research, University of California, Santa Cruz (CIWR) to evaluate the Coastal Water Project (CWP), which is a seawater desalination project proposed by California American Water at Moss Landing, California. In the early planning stages, the seawater desalination project generated controversy about environmental impacts, project ownership, and costs.

CIWR recommended that DRA consider looking for a regional solution to the water supply issues in Monterey. CIWR recommended that a regional solution may have increased benefits and political support. The DRA management agreed and engaged the CIWR to set about the processes that could result in a regional water supply solution.

The CIWR began discussing the possibility of a regional water supply planning process with water and wastewater agency managers in January 2007. Twelve meetings were scheduled to occur monthly (July, 2007 was skipped). Agency managers, senior staff, regulatory staff, local and State elected officials and staff, elected and appointed board members from various municipalities and agencies, non-government organizations, and citizens participated. The group was called the Regional Plenary Oversight Group (REPOG). The initial planning goal that REPOG set was to identify a regional solution to Monterey's water supply and environmental problems.

RECOMMENDATION: No action is required. This is a discussion item.

5. UPDATE AND DISCUSSION ON CARMEL RIVER WATERSHED ACTIVITIES

This is a regular agenda item. Clive Sanders, Administrator for the Carmel River Watershed Conservancy (CRWC), will update the Committee about CRWC activities.

RECOMMENDATION: No action is required. This is a discussion item.

6. DISCUSSION OF PROPOSED FALL 2008 VEGETATION MANAGEMENT PROGRAM ALONG THE CARMEL RIVER

BACKGROUND: Attached as **Exhibit B** is a copy of the project description contained in the notification sent to federal and state agencies for proposed Fall 2008 vegetation management activities in the Carmel River riparian corridor. MPWMD annually removes selected areas of vegetation to reduce the potential for bank erosion during high winter flows. Staff will discuss areas targeted for work in the Fall of 2008.

RECOMMENDATION: No action is required. This is a discussion item.

7. STAFF REPORTS - Staff will report on the following:

- a) Update on Cal-Am rate increase applications to the California Public Utilities Commission (Bell)
- b) Integrated Regional Water Management Planning (Hampson)
- c) Potential effects of the Basin Complex fire on the Carmel River (Hampson)
- d) Carmel River riparian corridor irrigation (Christensen)

8. ITEMS TO BE PLACED ON FUTURE AGENDAS

Committee members should bring up any new business at this time to determine whether it should be included on a future meeting's agenda.

9. ADJOURNMENT

Draft
MINUTES
MONTEREY PENINSULA WATER MANAGEMENT DISTRICT
CARMEL RIVER ADVISORY COMMITTEE
10:00 A.M. Regular Meeting at
Mid-Carmel Valley Fire Station Community Room
June 12, 2008

1. CALL TO ORDER/ROLL CALL

MEMBERS PRESENT: John Dalessio, Vince Frumkin, Tom House, Larry Levine, Susan Rogers, Richard H. Rosenthal, Clive Sanders

MEMBERS ABSENT: None

PUBLIC PRESENT: Margaret Robbins

STAFF PRESENT: Andy Bell, Thomas Christensen, Larry Hampson

2. PUBLIC COMMENT – Margaret Robbins stated that willows planted in the riparian corridor near the Safeway store at the Crossroads shopping center need irrigation and asked about agency responsibility for monitoring the willows. Ms. Robbins also stated that vegetation growth had filled in the area of the notch created in 1995 on the downstream side of Highway 1 in the south bank levee. John Dalessio offered to draft a letter on behalf of the Committee and the Carmel Valley Association to State Parks urging action. Larry Levine volunteered to write to State Parks on behalf of Community Services Area 50 and Clive Sanders volunteered to write a letter to State Parks on behalf of the Carmel River Watershed Conservancy. Thomas Christensen was to send information to the Committee about the MPWMD protocol for vegetation management.

3. CONSENT CALENDAR

A. Clive Sanders made a motion to approve the Minutes from the March 6, 2008 Regular Meeting of the Carmel River Advisory Committee and the Minutes from the April 24, 2008 Special Workshop of the Carmel River Advisory Committee. Tom House seconded. Mr. Levine proposed the following amendment to Item 5 of the March 6, 2008 Minutes:

“DISCUSS RANCHO CAÑADA VILLAGE SPECIFIC PLAN DRAFT ENVIRONMENTAL IMPACT REPORT – Larry Levine described that representatives of Community Services Area (CSA) 50 met with Balance Hydrologics (a hydraulic and hydrologic consulting firm) and Tom Moss, the Monterey County Water Resources Agency floodplain manager in Carmel Valley, to discuss potential effects of the project on flooding at the west end of the property. Mr. Levine said ~~that there would be a new levee~~ *the plan includes possible improvements in flood control* to protect downstream properties.”

The amended motion was approved unanimously.

4. UPDATE AND DISCUSSION ON CARMEL RIVER WATERSHED CONSERVANCY (CRWC) ACTIVITIES – Mr. Sanders reported the Coastal Conservancy had approved some funding to continue planning and design work for the decommissioning of the San Clemente Dam.

5. STAFF REPORTS – Larry Hampson reported on coordinating Integrated Regional Water

Management (IRWM) planning along the Central Coast and on the proposed funding cycle for IRWM projects.

Richard Rosenthal asked about the relationship between IRWM planning, MPWMD's proposed "95-10" water supply project (a seawater desalination plant located in Sand City to meet requirements of Order 95-10), and the efforts of the Regional Plenary Oversight Group (REPOG) to identify a regional solution to Monterey's water supply and environmental problems. Mr. Bell described the status of the "95-10" project (i.e., staff was directed to re-evaluate the project) and some of the REPOG planning concepts, including treatment of brackish water from a well field near Marina and use of recycled water.

Thomas Christensen reported on irrigation system set-up and use in the lower portion of the riparian corridor. Mr. Hampson then gave a presentation on channel changes in the lower 10 miles of the Carmel River between 1984 and 2007.

6. ITEMS TO BE PLACED ON FUTURE AGENDAS

Committee members requested that the following items be placed on a future agenda:

- a. Discussion of vegetation management along the Carmel River
- b. An update on IRWM and water supply projects
- c. Report on the State Water Resources Control Board hearings
- d. Invite a member of REPOG to make a presentation
- e. Invite a representative of California American Water to discuss costs of supplying water

7. ADJOURNMENT – the next meeting was scheduled for September 4, 2008 [subsequently re-scheduled to September 11, 2008.]

MONTEREY PENINSULA WATER MANAGEMENT DISTRICT

**PROJECT DESCRIPTION
FOR
SELECTIVE VEGETATION MANAGEMENT AND CONCRETE REMOVAL
IN THE CARMEL RIVER CHANNEL
SUMMER AND FALL 2008**

A series of relatively quiet hydrologic years on the Carmel River since 1998 has encouraged significant vegetation growth in the center of the channel in several areas. Winter storm flows capable of scouring vegetation out of the channel bottom have not occurred since a peak flow in February 1998 of 14,500 cubic feet per second (cfs), which was estimated to be a 20-year return flood magnitude. The highest peak flow since 1998 was in April 2006 at 3,600 cfs (about a three-year return flow). This flow did not scour out vegetation that became established in the channel bottom after the very wet 1998 El Niño winter. As a result, there is an increased risk of streambank erosion along riverfront properties in several locations (see enclosed maps) should winter flows rise above about a five-year return magnitude (approximately 5,000 cfs). Erosion can occur as high flows are directed away from the center of the channel by vegetation and debris dams into streambanks.

Four areas impacted by vegetation encroachment in the channel bottom are proposed for selected vegetation removal:

1. Robles Del Rio Bridge Area: beginning at Robles Del Rio Bridge at River Mile (RM) 14.5 and extending approximately 200 feet downstream; only the largest trees will be removed growing on a mid-channel island. In addition work will be done on the upstream side of the bridge extending approximately 150 feet upstream. The large trees will be placed in the flowing stream to provide large wood habitat. The remaining branches and slash will be chipped.

In addition to the vegetation management activities at this site, MPWMD with the help of the California Conservation Corps will try to remove a large concrete slab/abutment (14 feet long, 6.5 feet wide, and 1.3 feet thick) that is located in the low flow channel of the Carmel River (Esquiline Bridge (Robles del Rio) area: approximately at River Mile 14.4). This slab/abutment is associated with an old bridge that has been removed and updated. This remnant abutment impacts a historical spawning area by preventing streambed access for steelhead, and essentially covers up its associated gravel bar.

This concrete abutment also presents a safety hazard for recreational boaters that often encounter this obstruction during high flow, some of which contains sharp protruding metal.

In addition, the remnant concrete abutment limits the rivers ability to convey high flows especially if it anchors or prevent debris piles from passing through the system. For these reasons the Monterey Peninsula Water Management District would like to remove it.

It is anticipated that a crew of ten California Conservation Corps members will work for four days using an air compressor and two jack hammers to break up the concrete abutment. It is anticipated that rebar will be encountered during the process and will need to be cut. Concrete will then be hauled out of the channel by hand and disposed of at the local landfill.

2. Upstream of Boronda Road Bridge Area: two reaches beginning approximately 300 feet and 800 feet upstream of the Boronda Road Bridge, which is located at RM 12.7, trees blocking the channel on a gravel bar (150 feet in length for each reach) will be removed. Trees will be placed in the flowing stream to provide large wood habitat. The rest of the branches will be chipped.

3. West Garzas Area: beginning at approximately RM 12.3, upstream of California American Water's West Garzas Well a large downed white alder tree is lying across the active channel. This tree could become mobile during high flows so it will be notched and trimmed back towards the bank leaving portions of the trunk in the channel to provide large wood habitat.

4. Randazzo's Bridge Area: beginning at a private bridge known as Randazzo's Bridge at RM 10.1 and extending approximately 200 feet upstream and downstream; tree branches will be trimmed to allow for high flow measurements off of Randazzo's Bridge.

A width of up to 40 feet of open channel is desired. A total of approximately 1050 lineal feet of stream encompassing approximately 0.36 acres in the channel bottom may be affected by the vegetation removal.

Woody species in the center of the channel, including sycamore, alder, cottonwood, and willow, will be cut by hand, using chainsaws, loppers, and other hand tools. As described in Monterey Peninsula Water Management District's (MPWMD) "Guidelines for Vegetation Management and Removal of Deleterious Materials for the Carmel River Riparian Corridor" (March 2003), a minimum of vegetation will be removed in order to maintain an open passage for flow and debris. Most of the vegetation targeted for cutting is less than eight years old. Trees selected for cutting will be cut to the ground, but rootballs will be left intact. Cut branches and tree trunks will be placed along stream edges to provide shade and cover for aquatic species, in some cases excess vegetation will be chipped. Vegetation on the banks will be left in place to maintain bank stability. Streambank vegetation encroaching into the channel bottom may be cut back to 15 feet from the toe of the streambank (measured toward the center of the channel), if this option would result in less overall impact.

MPWMD proposes to conduct these activities between approximately mid August and mid October 2008. Because vegetation will be trimmed, but not removed entirely, no stream diversions or erosion control plans are necessary. Both steelhead and California red-legged frogs may be present in the reaches targeted for vegetation cutting (see enclosed habitat assessments).

Avoidance and minimization measures proposed to protect steelhead include the following:

1. Where possible, trees will be cut to fall away from stream areas that may contain steelhead. Where trees cannot be cut to fall away from stream areas, the direction of fall will be to areas

that steelhead are less likely to occupy, such as shallow or open water areas.

2. Work will be conducted in the fall when water temperatures may be less affected by the removal of shade along the stream edge.

Avoidance and minimization measures to protect California red-legged frogs (CRLF) include the following:

1. A qualified biologist will survey project areas using United States Fish and Wildlife Service survey guidelines prior to conducting work in the channel.
2. A qualified biologist will conduct a training session for any workers who have not already participated in such a session.
3. A qualified biologist will inspect project areas daily for the presence of CRLF prior to conducting work in the channel.
4. If CRLF are found at a project site and it is determined that vegetation removal may impact frogs, MPWMD will delay vegetation removal until the frogs move or relocate frogs to another area of the river if delay is not feasible.

Temporary impacts from vegetation removal may include the loss of cover and shade. MPWMD conducts ongoing revegetation activities along the Carmel River that mitigate for such temporary impacts. In addition, MPWMD routinely removes non-native plant species. Additional information about these activities is available by contacting Thomas Christensen, MPWMD Riparian Projects Coordinator, at (831) 659-2543.

U:\Thomas\wp\vegmgmt\2008\project_desc_08.doc

2008 Vegetation Management and Concrete Removal Areas
Property Owner List

Robles del Rio Bridge Area (Esquiline Road, or Rosie's Bridge)

Emmy Papazian (APN 189-311-007 MPWMD No. 352)
45 Montclair Ter.
San Francisco, CA 94109

Claudia J. Bibber (189-311-008 MPWMD No. 353)
21 Calle De Los Helechos
Carmel Valley, CA 93924

Donald Davis & Judith Webster (189-311-009 MPWMD No. 354)
553 The Alameda
Berkeley CA 94707

Michael Cappetti (189-311-010 MPWMD No. 355)
19-A Calle de los Helechos
Carmel Valley, CA 93924

John Jerome Jones (189-311-011 MPWMD No. 356)
17 Calle de los Helechos
Carmel Valley, CA 93924

Mary Mahoney (189-311-012 MPWMD No. 357)
15 Calle de los Helechos
Carmel Valley, CA 93924

Phillip L. & Frances K. Wright (189-311-013 MPWMD No. 358)
9 Calle de los Helechos
Carmel Valley, CA 93924

Mty Co Dept of Public Works (189-311-016 MPWMD No. 359)
312 E. Alisal
Salinas, CA 93901

Harness W & E 1990 Family (189-301-002 MPWMD No. 360)
P.O. Box 609
Carmel Valley CA 93924

Laguna Robles Comm Assoc (APN 189-543-019 MPWMD No. 361)
PO Box 1238
Carmel Valley CA 93924

Upstream of Boronda Road Bridge Area

Kenneth and Margaret Popovich (APN 189-141-011 MPWMD No. 294)
247 Lincoln Ave
San Jose, CA 95126

William Welch (APN 189-131-009 MPWMD No. 297)
43 E. Garzas Road
Carmel Valley, CA 93924

Charles Franklin (APN 189-131-010 MPWMD No. 298)
45 E. Garzas Road
Carmel Valley, CA 93924

Stephen and Sivechat Hearst (APN 189-131-002 MPWMD No. 299)
400 Warren Road
San Mateo CA 94402

McKay Trust (APN 189-191-008 MPWMD No. 300)
92 Panetta Road
Carmel Valley, CA 93924

S & T McGowan Family Trust (APN 189-141-005 MPWMD No. 286)
13 E. Garzas Road
Carmel Valley, CA 93924

Anton Guerra (APN 189-141-016 MPWMD No. 287)
17 E. Garzas Road
Carmel Valley, CA 93924

Shari Ann Higashi (APN 189-141-017 MPWMD No. 288)
P.O. Box 4395
Salinas CA 93912

Nancy & Charles Abildgaard (APN 189-181-010 MPWMD No. 289)
18 Meadow Place
Carmel Valley, CA 93924

William & Shirley Allen (APN 189-141-008 MPWMD No. 290)
27 E Garza Rd
Carmel Valley, CA 93924

Randazzo's Bridge Area

Dr. Jabir & Sara Adamo (APN 416-511-002 MPWMD No. 216)
2129 Furner Drive
El Cajon CA 92020

Julie Ann Clausen (APN 416-027-023 MPWMD No. 217)
P.O. Box 222543
Carmel CA 93922

Gerry Paddock (APN 416-027-022 MPWMD No. 218)
910 W. Carmel Valley Road
Carmel Valley CA 93924

John and Alice Randazzo (APN 416-027-025 MPWMD No. 219)
906 W. Carmel Valley Road
Carmel Valley, CA 93924

Don R. Koontz (APN 416-027-043 MPWMD No. 220)
P.O. Box 289
Carmel Valley, CA 93924

West Garzas Area

Abadir Bush & Co. Inc. (APN 189-051-001 MPWMD No. 250)
340 W. Carmel Valley Rd
Carmel Valley, CA 93924

Donald E. & Serena C. Underwood (APN 189-101-006 MPWMD No. 251)
West Garzas Road
Carmel Valley, CA 93924

E. Rosenberg & C. Miles (APN 189-101-007 MPWMD No. 252)
65 W Garzas Rd
Carmel Valley, CA 93924

Robert & Katherine Manson (APN 189-051-002 MPWMD No.253)
28057 Hawk Ct
Carmel Valley, CA 93923

Arthur & Gerry Montgomery (APN 189-071-020 MPWMD No.254)
34 Aliso Road
Carmel Valley, CA 93924

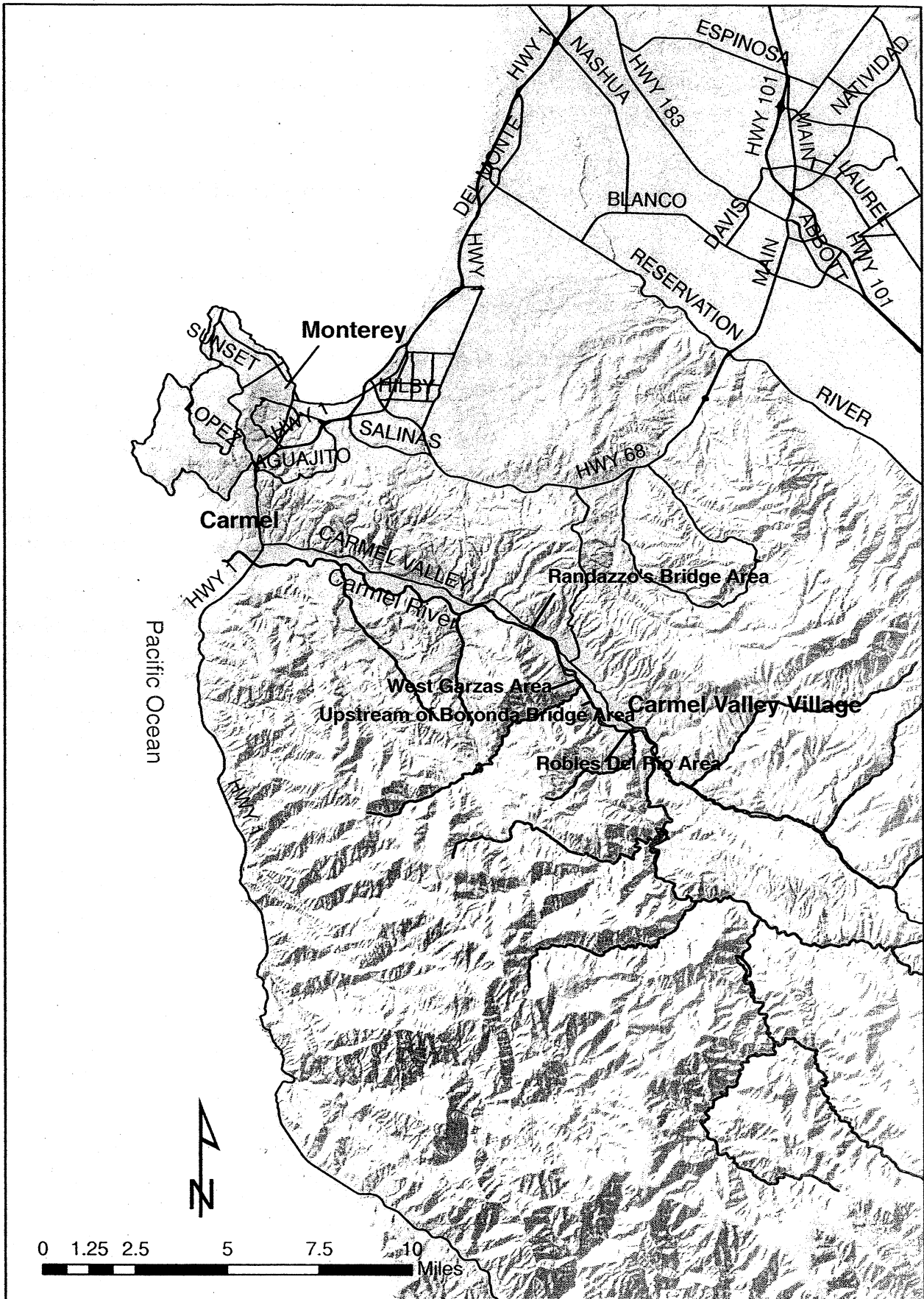
Kevin J. Gilman Trust (APN 189-101-008 MPWMD No.255)
22 Trampa Canyon
Carmel Valley, CA 93924

Concrete Removal at Robles del Rio Bridge Area (Esquiline Road, or Rosie's Bridge)

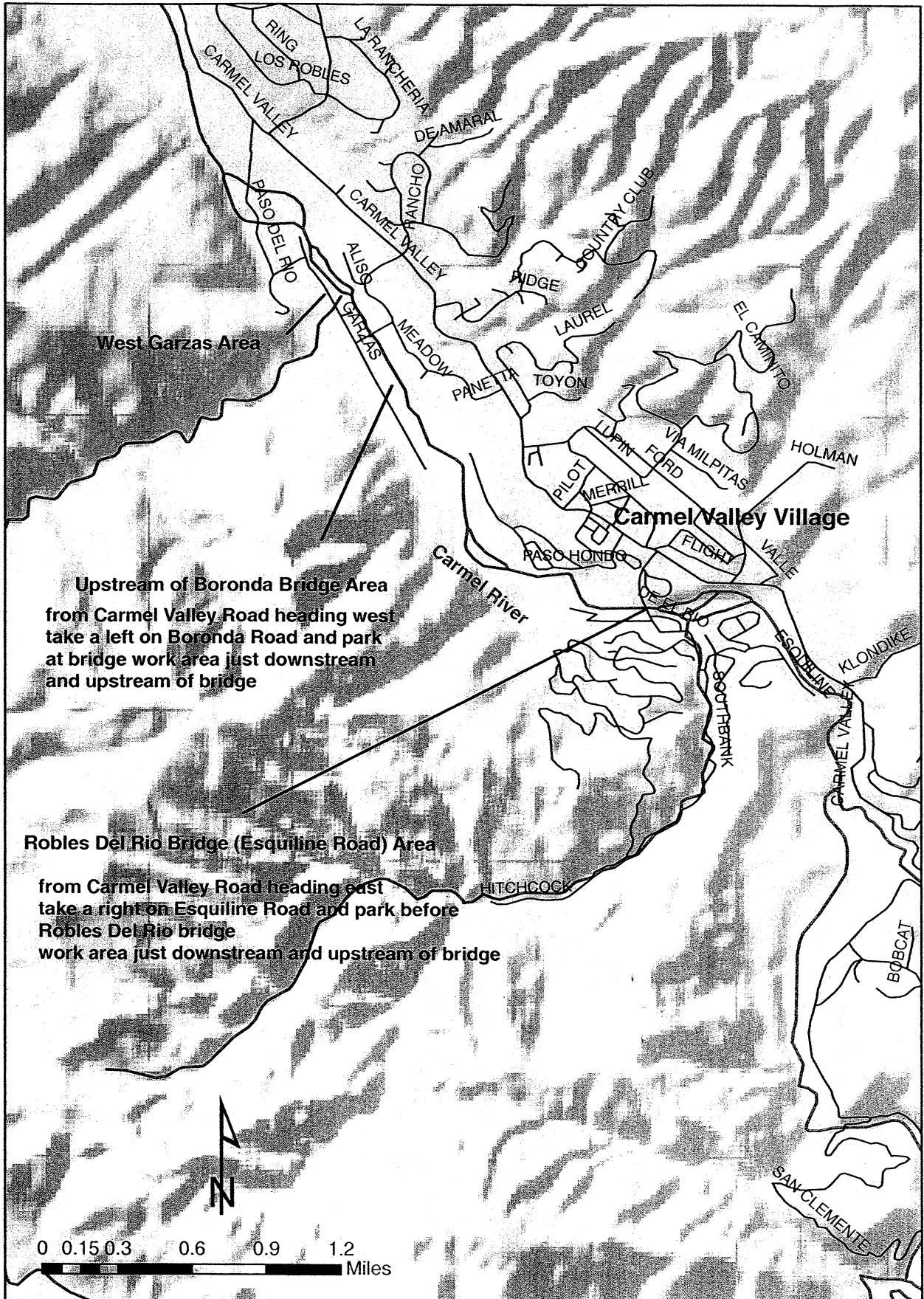
Phil and Frances Wright (APN 189-311-013 MPWMD No. 358)
9 Calle de los Helechos
Carmel Valley, CA 93924

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2008 Vegetation Management Areas



2008 Vegetation Management Areas



West Garzas Area

Upstream of Boronda Bridge Area
from Carmel Valley Road heading west
take a left on Boronda Road and park
at bridge work area just downstream
and upstream of bridge

Robles Del Rio Bridge (Esquiline Road) Area
from Carmel Valley Road heading east
take a right on Esquiline Road and park before
Robles Del Rio bridge
work area just downstream and upstream of bridge

0 0.15 0.3 0.6 0.9 1.2
Miles

2008 Vegetation Management Areas

