



COUNTY OF SANTA CRUZ

WATER ADVISORY COMMISSION

701 OCEAN STREET, ROOM 312, SANTA CRUZ, CA 95060
(831) 454-2022 FAX: (831) 454-3128 TDD: (831) 454-2123

AGENDA

SANTA CRUZ COUNTY WATER ADVISORY COMMISSION

Wednesday October 7, 2020, 4:00 p.m.

Virtual Meeting: Call in: 831-454-2222, Code:122998

Please see information on meeting access on the last page

A. OPENING

1. Call to Order
2. Roll Call

B. APPROVAL OF MINUTES: August 5, 2020

C. PUBLIC COMMUNICATIONS

Opportunity for members of the public to address the Commission on matters that are within the Commission's area of responsibility, but not on today's agenda.

D. COMMISSIONERS' REPORTS

Opportunity for Commissioners to report on matters that are not on today's agenda.

E. STAFF REPORTS AND ANNOUNCEMENTS

F. UNFINISHED BUSINESS – *indicates items for more in-depth discussion

1. Pajaro Valley Groundwater Management Issues
2. Santa Margarita Groundwater Management Issues
3. Mid-County Groundwater Mgt: Data Management and Stream Monitoring
4. County Environmental Code Compliance
5. Karst Protection and General Plan Update
6. Pajaro River Flood Control
7. Coordination with Other Commissions
8. Water Supply for Cannabis Operations
9. Water Advisory Commission Work Program and agenda streamlining
10. Septic System Management and draft Local Area Management Plan (LAMP)*
11. Potential Modification of Water Supply Watersheds in General Plan*

G. NEW BUSINESS

1. Fire Impacts on Water*

- a. Drinking Water Impacts: water systems and wells http://www.co.santa-cruz.ca.us/Portals/6/Env_Health/CZU_Fire/WaterWellFireReturn.pdf
- b. Watershed impacts

2. **Nitrate Total Maximum Daily Load (TMDL) for San Lorenzo River***

https://www.waterboards.ca.gov/centralcoast/water_issues/programs/tmdl/docs/san_lorenzo/nitrate/index.html

H. INFORMATION AGENDA

I. CORRESPONDENCE

J. BOARD OF SUPERVISORS ACTION ON ITEMS AFFECTING WATER:

August 18, 2020

- 38.** [DOC-2020-676 : Authorize the annual cost share contribution to the Santa Margarita Groundwater Agency for Fiscal Year 2020-21 in the amount of \\$48,490; approve agreement with Balance Hydrologics Inc., for a not to exceed amount of \\$189,938.75, for groundwater and streamflow monitoring, adopt resolution accepting unanticipated revenue from the Santa Margarita Groundwater Agency in the amount of \\$150,000 as contribution, and take related actions, as recommended by the Director of Health Services](#) *Approved By Consent Vote [Unanimous]*

September 15, 2020

7. [DOC-2020-765 : Consider resolution amending the General Plan/Local Coastal Program Public Safety Element and Conservation and Open Space Element and accepting CEQA Negative Declaration; consider approval in concept of four ordinances amending Santa Cruz County Code Chapters 16.10 Geologic Hazards, 16.13 Floodplain Regulations \(new\), 16.20 Grading Regulations, and 16.22 Erosion Control; to return for second reading and final adoption on October 6, 2020, and take related actions, as outlined in the memorandum of the Planning Director](#) *Approved [Unanimous]*

K. AGENDA ITEMS FOR FUTURE MEETINGS

L. ADJOURNMENT

PLEASE CONTACT JOHN RICKER (831) 454-2750, IF YOU ARE UNABLE TO ATTEND THIS MEETING

The County of Santa Cruz does not discriminate on the basis of disability, and no person shall, by reason of disability, be denied the benefits of its services, programs or activities. The meeting room is located in an accessible facility. If you wish to attend this meeting and you will require special assistance in order to participate, please contact EH Clerical at 454-2022 at least 72 hours in advance of the meeting, to make arrangements. As a courtesy to those persons affected, please attend the meeting smoke and scent free.

The meeting of the Water Advisory Commission will take place via a phone conferencing system. You can call in with either a landline or a cell phone.

Call (831) 454-2222. Enter the Meeting Code 122998.

Please join the meeting a few minutes BEFORE 4:00 pm so that we can start at 4:00 pm. Staff will open the phone conference line at 3:50 pm. Feel free to chat and say hello before 4:00 pm.

Meeting Roles and Rules:

Cherie Bobbe, Chair, will lead the meeting. Chair Bobbe will announce each agenda item, identify who will be leading an item and introduce discussion and public comment periods.

John Ricker, staff, will assist with roll call, note taking, and tracking who wants to speak. John will monitor both email and text messages during the meeting.

If you call in with a cell phone, please keep your phone on “mute” unless you are speaking. This will improve the quality of the call for everyone. If you are speaking and no one seems to be responding, check and see if you are on “mute”. After you are finished speaking, please put the phone on “mute” again.

During a discussion, please start by stating your name. Announcing your name provides 3 functions: (1) we know who’s speaking; (2) your name announces your intention to speak and if no one else speaks, you have the “right-of-way” to go ahead and speak.; (3) if 2 or more people say their name at the same time, please defer to the person who speaks first. In any moment where we have some confusion due to multiple people wanting to speak, please pause and let the Chair take the lead. The Chair will call on someone to speak.

During a discussion, if you can’t jump into the conversation, you can send a message to John (email John.Ricker@santacruzcounty.us or text 831-212-3592 and he will call on people who want to comment. There will be a public comment period for each item. You can also contact John on technical issues.



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WATER ADVISORY COMMISSION

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(831) 454-2022 FAX: (831) 454-3128 TDD: (831) 454-2123

MINUTES

SANTA CRUZ COUNTY WATER ADVISORY COMMISSION

Wednesday August 5, 2020, 4:00 p.m.

Virtual Meeting: Call in: 831-454-2222, Code:122998

A. OPENING

1. Call to Order: 4:01 PM

2. Roll Call:

Present: Monkerud, Wilson, Berry, Sharp (departed at 5:19), Bobbe, Lockwood, Largay
(arrived 5 pm)

Absent: None

Staff: John Ricker, Environmental Health; Mark Strudley, Public Works

Others: Becky Steinbruner

3. Election of Officers: *Wilson moved Bobbe as Chair, Berry as Vice-Chair; Monkerud seconded, approved unanimously (Largay absent)*

B. APPROVAL OF MINUTES: February 5, 2020 (Meetings in April and June were cancelled)
Lockwood moved, Sharp second, Approved unanimously (Largay absent)

C. PUBLIC COMMUNICATIONS:

Ms. Steinbruner reported on the environmental review process for the County General Plan Update, water transfers, LAFCO service reviews of water agencies, and potential changes to the Pure Water Soquel treatment process and potential for use of recycled water for irrigation.

D. COMMISSIONERS' REPORTS *Some discussion of the City of Santa Cruz water rights modification, County General Plan, Scotts valley City General Plan, and issues regarding wells adjacent to streams affecting streamflow.*

E. STAFF REPORTS AND ANNOUNCEMENTS

F. UNFINISHED BUSINESS – *indicates items for more in-depth discussion

1. Pajaro Valley Groundwater Management Issues – *The Commission discussed the College Lake Project and pending water rights hearing, environmental review for the Watsonville Slough aquifer recharger and recovery project, potential for using flood waters for recharge (FloodMAR), and the process for updating the Basin Management Plan*
2. Santa Margarita Groundwater Management Issues – *An update was provided on progress in developing the Groundwater Sustainability Plan*
3. Mid-County Groundwater Mgt – *The Commission discussed progress on the Pure Water Soquel Project, Aquifer Storage and Recovery (ASR), development of a Data Management*

system which will include all county water agencies except potentially Pajaro Water which has its own system,

- 4. **County Environmental Code Compliance** *No Discussion*
- 5. **Karst Protection and General Plan Update** *No Discussion*
- 6. **Pajaro River Flood Control** *No Discussion*
- 7. **Coordination with Other Commissions** *No Discussion*
- 8. **Water Supply for Cannabis Operations** *No Discussion*
- 9. **Water Advisory Commission Work Program and agenda streamlining** *No Discussion*
- 10. **Septic System Management and draft Local Area Management Plan (LAMP)*** *Staff provided an update on progress of this effort, No action taken*

G. NEW BUSINESS

- 1. **Treatment of Old Reservoir Sites and Water Rights from County Water Supply Master Plan and General Plan*** - *Staff and the Commission discussed the old water rights that have been reserved as State-Filed Applications to support potential reservoir projects that were envisioned in the 1957 County Water Supply Master Plan. The Board recently took action not support releasing a portion of one of those water rights to the College Lake project. After discussion with State Water Board, County staff is not recommending any further action on the other State-filed applications. Staff is recommending that the next General Plan update remove the water supply watershed designations related to the old reservoir sites. That designation could potentially be added to the watershed above College Lake. The Commission would like to see more information on the implications of the water supply watershed designation.*
- 2. **Implementation Status of Adopted Total Maximum Daily Loads (TMDLs) for Santa Cruz County*** - *The Commission discussed a list of the current TMDL's in the County and the status of implementation. The Commission would like to further discuss the status of the nitrate TMDL for the San Lorenzo River.*

H. INFORMATION AGENDA

No Discussion

I. CORRESPONDENCE

No Discussion

J. BOARD OF SUPERVISORS ACTION ON ITEMS AFFECTING WATER:

No Discussion

February 11, 2020

39. Accept and file the Water Advisory Commission report for calendar years 2018 and 2019, and take related actions, as recommended by Chairman Caput

47. Accept and file the Santa Cruz County Water Resources Management Status Report for 2019, and take related actions, as recommended by the Director of Health Services

49. Approve amendment to contract with Dudek in the amount of \$145,234, for a new total contract total of \$545,119, for work on the Sustainability Update EIR; adopt resolution accepting unanticipated revenue in the amount of \$145,234, and take related actions, as recommended by the Planning Director

56. AS THE BOARD OF DIRECTORS FOR THE DAVENPORT COUNTY SANITATION DISTRICT: Adopt resolution pertaining to the State Water Resources Control Board grant for the Davenport Recycled Water project; appointing the District Engineer or designee as administering agency applicant to submit all documents, negotiate and execute grants and any amendments or change orders thereto, and to certify grant disbursements on behalf of the District, as recommended by the District Engineer

March 10, 2020

14. Continued public hearing to consider resolution amending the General Plan/Local Coastal Program Public Safety Element and Conservation and Open Space Element and certifying CEQA Negative Declaration determination and to consider four Ordinances to amend Santa Cruz County Code Chapters 16.10 Geologic Hazards, 16.20 Grading Regulations, and 16.22 Erosion Control, and adopt new Chapter 16.13 Floodplain Regulations, as outlined in the memorandum of the Planning Director (deferred from January 28 to March 10, 2020) Conducted the continued public hearing; closed the public hearing; DIRECTED staff to return [in three months; by June, if possible] with the following revisions: 1) Add as an additional goal in the Public Safety Element that the County seeks to ensure that public access to the coastline and coastal dependent resources is preserved when the loss of access and resources is due to inaction on the part of private property owners. 2) Modify the second paragraph in the Public Safety Element Section 6.4.1 to acknowledge that we may have more information in the year 2040 that would cause the County to change its land use goals and development criteria, or allow for further refinement; 3) Amend Public Safety Element Section 6.4.7 to eliminate and confusion in subsections (a) and (c) concerning when shoreline armoring will or will not be considered in allowing new construction or placement of a habitable structure outside shoreline protection exception areas; 4) Amend the third paragraph of the Public Safety Element Section 6.4.11 to provide more flexibility; 5) Amend the language in the Public Safety Element Sections 6.4.14, 6.4.19, 6.4.22, 6.4.24, and 6.4.25 to reflect changes outlined above or other sections as appropriate; and 6) Amend the language in Santa Cruz County Code 16.10.070(H)(1), subsections (b) and (c), to eliminate confusion as to when and how established shoreline or coastal bluff armoring will be considered in determining minimum geologic setback; and additionally: DIRECTED that County staff consider the question of the exact location of Soquel Point, based on the information that was provided here.

39. Approve amendment to agreement with San Lorenzo Valley Water District in the amount of \$134,060, for a not-to-exceed amount of \$261,300, for the San Lorenzo Watershed Conjunctive Use Plan, and extend the term of the agreement to June 30, 2021, and take related actions, as recommended by the Director of Health Services

April 28, 2020

37. Accept and file the Climate Action Strategy Annual Report, as recommended by the Planning Director

June 2, 2020

8. Public hearing to consider ordinances amending Santa Cruz County Code Chapters 7.128 and 13.10 relating to non-retail commercial cannabis regulations and making findings of exemption from CEQA, schedule the ordinances for second reading and final adoption on June 16, 2020, and take related actions, as outlined in the memorandum of the County Administrative Officer 1) REJECTED adoption of the draft ordinance as presented, with additional direction for staff to return with revised draft ordinance on June 16th that does the following: · Eliminates the proposed cottage garden changes; · Eliminates the lowering of the minimum parcel sizes for cultivation; · Eliminates the addition of new provisions that grant the CLO unappealable authority to provide exceptions and restrictions; · Eliminates the proposed change which allows a new hoopouses in the coastal zone; · Proposed process for setback exemptions may be retained in the C-4 and M-1 zones for indoor grows; modify the setback to 100 feet from habitable structures, but in CA [zone]s only; and maintain the current setbacks in all other zones; · Modify the proposed change in agricultural zones [13.10.650(C)(2)(b)], which currently is proposed to go from 10 to 5 acres, to only allow that if there's contiguous parcels that equal ten acres, like they do in TPZ; · Modify the proposed language on the energy conservation [7.128.170 (J)] from "best efforts" to "specify reduction in energy consumption"; and additionally 2) DIRECTED staff to return in August of

2020 with a report that details the areas in the County cannabis ordinances where the CLO has unappealable authority with regard to granting exceptions to set backs or other location restrictions for commercial cannabis operations [7.128.170(j)], such as within our dispensary ordinance; and provide options for an internal appellate review of such decisions at a level below the Board of Supervisors (maybe, for example, a public hearing in at the ZA level) to encourage transparency and community engagement on these issues

June 16, 2020

7. Consider ordinances amending Santa Cruz County Code Chapters 7.128 and 13.10 relating to non-retail commercial cannabis regulations, and making findings of exemption from CEQA; schedule the ordinances for second reading and final adoption on June 30, 2020, and take related actions, as outlined in the memorandum of the County Administrative Officer
 - 1) DIRECTED staff to come back for a first read on June 30, 2020, with amendments as discussed today, to include the C-4 M-1 exemption, Rodeo Gulch overlay, and clarity that in certain areas where cannabis cultivation was occurring prior to January 2013, preserve the minimum parcel size of 10 acres; and additionally
 - 2) DIRECTED staff to return in six months with a status report on whether these land use modifications have had a positive impact on the number of licenses and anticipated revenue

60. Accept and file Annual Evaluation Report of the Flood Mitigation Planning Committee and take related actions, as recommended by the Planning Director

June 30, 2020

7. Consider urgency ordinances and non-urgency ordinances amending Santa Cruz County Code Chapters 7.128 and 13.10 relating to non-retail commercial cannabis regulations, and making findings of exemption from CEQA; schedule the non-urgency ordinances for second reading and final adoption on August 4, 2020, and take related actions, as outlined in the memorandum of the County Administrative Officer
 - 1) ADOPTED urgency Ordinance No. 5333 amending Santa Cruz County Code (SCCC) Chapter 7.128 relating to non-retail commercial cannabis regulations to take effect immediately (by 4/5 vote);
 - 2) ADOPTED urgency Ordinance No. 5334 amending SCCC Chapter 13.10 relating to non-retail commercial cannabis regulations to take effect outside of the Coastal Zone immediately (by 4/5 vote);
 - 3) Confirmed the Notice of Exemption for compliance with the California Environmental Quality Act;
 - 4) APPROVED in concept an ordinance amending SCCC Chapter 7.128 relating to non-retail commercial cannabis regulations, and SCHEDULED a second reading and final adoption of the ordinance on August 4, 2020; and
 - 5) APPROVED in concept an ordinance amending SCCC Chapter 13.10 relating to non-retail commercial cannabis regulations, SCHEDULED a second reading and final adoption of the ordinance on August 4, 2020, and
 - 6) Instructed staff to, upon final adoption, forward the ordinance to the California Coastal Commission for review and approval

25. Accept and file annual report on pesticide use and Integrated Pest Management (IPM) activities, and approve the amended IPM Policy, as recommended by the Director of General Services

August 4, 2020

36. Adopt resolution supporting Pajaro Valley Water Management Agency's College Lake Integrated Resources Management Project and supporting water right application A032881 and request for release from priority of State-Filed Application A018334, as recommended by the Director of Health Services

August 18, 2020

Support for Santa Margarita Groundwater Management and Streamflow Monitoring:

K. AGENDA ITEMS FOR FUTURE MEETINGS

L. ADJOURNMENT: at 6:00 pm

Minutes prepared by John Ricker, EH staff.

Chapter 5: Conservation and Open Space

WATER RESOURCES

This section is closely linked to the Parks, Recreation and Public Facilities Element sections on water supply, wastewater treatment and disposal and drainage. The policies and programs here are meant to reinforce and compliment those in the Public Facilities section. This section is organized as follows: surface water policies including water supply; water quality and in-stream flows; and groundwater policies including groundwater supply, recharge and quality.

SURFACE WATER

Objective 5.5a Watershed Protection

(LCP) To protect and manage the watersheds of existing and future surface water supplies to preserve the quality and quantity of water produced and stored in these areas to meet the needs of County residents, local industry, agriculture, and the natural environment.

Objective 5.5b San Lorenzo River Watershed Management

(LCP) To restore, manage, and protect the San Lorenzo River Watershed to maximize the quality and quantity of water resources in that basin.

Objective 5.5c Least Disturbed Watershed

(LCP) To protect the Least Disturbed Watershed areas that support the remaining clear running streams to preserve their water supply, recreation, and wildlife support values.

Policies

5.5.1 Watershed Designation

(LCP) Designate on the General Plan and LCP Resources Maps those Water Supply Watersheds listed in Figure 5-1.

Figure 5-1 (page 1 of 2) goes here

Figure 5-1 (page 2 of 2) goes here

5.5.2 Least Disturbed Watershed Designations

(LCP) Designate the following watershed areas as Least Disturbed Watersheds:

Waddell Creek Watershed, including Blooms Creek
Scott Creek and Big Creek Watershed above their confluence, and
Scott Creek tributaries below Swanton Road
Jamison Creek Watershed
Clear Creek Watershed
Fall Creek Watershed
Eagle Creek Watershed
Greenoaks Creek
Ano Nuevo Creek
Molino Creek
Baldwin Creek and Peasley Creek: above Highway 1
Wilder Creek: above Highway 1
Laguna Creek and Majors Creek, designated corridors between
Highway 1 and the City of Santa Cruz water diversions.

5.5.3 Water Quality Constraint Area Designation

(LCP) Designate the following areas located within one mile upstream of intakes used for public water supply as Water Quality Constraint areas:

- (a) City of Santa Cruz intakes on Reggiardo, Laguna and Majors Creek, and Liddell Spring;
- (b) Bonnymede Mutual intake on Reggiardo Creek; and
- (c) Davenport water system intakes on Mill and San Vicente Creek.

5.5.4 Minimum Size for Existing Parcels in Water Quality Constraint Areas

(LCP) Require 2½ net acre minimum parcel sizes for development of anything other than one accessory dwelling unit where a single-family home already exists on existing lots of record within Water Quality Constraint Areas. Allow exceptions to the 2½ net acre minimum parcel size only where consistent with the existing Sewage Disposal ordinance. *(Revised by Resolution 30-2017)*

5.5.5 Minimum Size for Developing Existing Parcels of Record in Water Supply Watersheds

(LCP) Require one acre minimum parcel sizes for development of existing lots of record in water supply watersheds in the Coastal Zone and in the North Coast and Bonny Doon Planning Areas, and in the San Lorenzo Water Supply Watershed, in accordance with the existing Sewage Disposal ordinance and incorporate as General Plan and LCP Land Use Plan requirements the provisions of the existing Sewage Disposal ordinance with respect to Kristen Park and Water Quality Constraint Areas. Allow an exception to the one acre minimum parcel size for the creation of one accessory dwelling unit on parcels already developed with a single-family residence or for an existing parcel of record that meets all of the following criteria:

- the parcel has a designation of Community Commercial, Neighborhood Commercial, Office, or Service Commercial. in the General Plan that was adopted on May 24, 1994,
- it is to be developed for commercial use,
- it is within the Rural Services Line,
- the proposed sewage disposal system will meet all technical standards of the Sewage Disposal Ordinance, and will utilize an enhanced treatment system in accordance with the Sewage Disposal Ordinance *(Revised by Resolutions 309-2000, 30-2017)*

5.5.6 Land Division and Density Requirements in Water Supply Watersheds

(LCP) Outside the Coastal Zone, require new parcel sizes to be an average of at least 10 gross acres in existing or proposed Water Supply Watersheds and allow a maximum average residential density of one dwelling unit per 10 gross acres for parcels which are not divided. Inside the Coastal Zone, require new parcel sizes to be an average of at least 20 gross acres in existing and proposed Water Supply Watersheds and within the North Coast and Bonny Doon Water Supply Watersheds extending outside the Coastal Zone, and allow a maximum average residential density of one dwelling unit per 20 gross acres for parcels which are not divided. These restrictions do not apply in the San Lorenzo River Watershed on lands:

- (a) designated Urban Residential or Suburban Residential, or
- (b) designated Rural Residential areas where the average parcel size within ¼ mile of the subject parcel boundary is less than 1 gross acre. (See policy 5.5.5.)

5.5.7 Land Division and Density Requirements in Least Disturbed Watersheds

(LCP) Maintain Least Disturbed Watersheds in open space densities by requiring an average 40 gross acre minimum parcel size for new parcels within Least Disturbed Watersheds and permit land divisions only where consistent with open space protection and where beneficial to the public, such as parcels for public facilities including public well sites, fire stations and utility rights-of-way. Allow a maximum average residential density of one dwelling unit per 40 gross acres for parcels which are not divided.

5.5.8 Allowed Uses in Water Supply and Least Disturbed Watersheds

Require uses in Water Supply Watershed and Least Disturbed areas to be compatible with watershed protection policies and limited to open space uses or recreational and residential uses at the specified Watershed densities, unless otherwise exempted.

5.5.9 Development Activities Within Water Supply and Least Disturbed Watersheds

Require all grading, building, and timber harvesting in Water Supply and Least Disturbed Watersheds to meet strict standards for erosion control and protection of water quality as outlined in the Erosion Hazard and Drainage Facilities sections of this Plan and as identified in the San Lorenzo River Watershed Management Plan.

5.5.10 Retaining Undeveloped Lands in Watersheds

Encourage property owners in designated watershed areas to sign Open Space Easement contracts or pursue other mechanisms to retain undeveloped lands within Water Supply Watersheds.

5.5.11 Timber Harvest Review Process in Watersheds

Utilize the timber harvest review process to condition applications in Water Supply and Least Disturbed Watersheds so that sustained yield programs are required to comply with restrictions or regulations on winter operations and other conditions to protect the watersheds.

5.5.12 Drainage Design in Water Supply Watersheds

(LCP) Require retention of stormwater runoff from impervious surfaces for all new development in Water Supply Watersheds through on-site percolation methods where feasible, so that runoff will not exceed predevelopment runoff levels. Utilize on-site detention methods where percolation methods are not feasible. Either system should conform to the minimum design storm as determined by the County Design Criteria.

5.5.13 Proposed Water Supply Reservoir Site Designation

Designate on the General Plan and LCP Land Use Plan Resources Maps the following areas as proposed water supply reservoir sites: Glenwood Reservoir on the west branch of Soquel Creek, Upper Soquel Reservoir on Soquel Creek, College Lake on Salsipuedes Creek and Pescadero Reservoir on Pescadero Creek.

5.5.14 Development Activities Within Proposed Reservoir Protection Areas

Prohibit development activities, including land divisions within reservoir protection areas, unless such activities promote reservoir protection or facilitate reservoir development. Allow one single-family dwelling unit per existing parcel of record within a reservoir protection area after providing the water supply agency proposing the reservoir with notice of the filing of the application and providing the agency with a reasonable opportunity to acquire the parcel. Reservoir protection areas consist of the proposed water supply reservoir sites and areas within 1,250 feet from the high water elevation of reservoirs, as shown on the General Plan and LCP Resources and Constraints maps.

5.5.15 Septic Constraint Area Designation

Designate those areas having high groundwater conditions, poor soil conditions, known septic system problems or are primary groundwater recharge areas as shown on maps on file with the Director of Environmental Health as Septic Constraint Areas.

5.5.16 Minimum Lot Size In Septic Constraint Areas

(LCP) Require a 15,000 net square foot minimum lot size for existing lots of record in Septic Constraint Areas unless constraint area designation is removed in accordance with the provisions of the Sewage Disposal ordinance. For parcels already developed with a single-family residence, allow the creation of one accessory dwelling unit per parcel, in conformance with the requirements of the County Code. *(Revised by Resolution 30-2017)*

5.5.17 Sewage Disposal Ordinance

(LCP) Continue to enforce the standards of the County's Sewage Disposal ordinance based on the following:

- (a) Do not allow variances to sewage disposal regulations that would permit lots of less than 15,000 net square feet to obtain septic permits when a public water supply is not available.
- (b) Permit installation of individual sewage disposal systems within an easement on another lot

only to allow repairs of existing systems.

5.5.18 Sewage Disposal for Publicly Owned Facilities outside the Coastal Zone

(LCP) On parcels outside the Coastal Zone, permit installation of sewage disposal systems within an easement on another lot to serve a publicly owned facility where technical or minimum parcel size standards cannot be met for sewage disposal at the site of the facility. *(Added by Resolution 144-2016)*

5.5.19 Sewage Disposal for Publicly Owned Facilities inside the Coastal Zone

(LCP) On parcels inside the Coastal Zone, permit installation of sewage disposal systems within an easement on another lot to serve a publicly owned facility where technical or minimum parcel size standards cannot be met for sewage disposal at the site of the facility. *(Added by Resolution 144-2016)*

Programs

- a. Implement the San Lorenzo River Watershed Management Plan to protect and restore the water resources of the San Lorenzo River Watershed. (Responsibility: Planning Department, Board of Supervisors)
- (LCP)** b. Continue to monitor surface water quantity and quality to locate and identify water quality problems arising from point and non-point sources of pollution affecting public health and the environment. (Responsibility: Flood Control Zone 4, Public Works, Water Purveyors, Environmental Health)
- c. Continue to implement a wastewater management program for septic system inspection and maintenance for the San Lorenzo Watershed. Consider expanding this program to other Water Supply Watersheds and areas adjacent to rivers, lakes and lagoons and other areas where there are known septic problems. (Responsibility: Environmental Health, Board of Supervisors)
- d. Continue to notify affected water purveyors and provide opportunity to comment on any development project or Timber Harvest Permit proposed to be located in a Water Supply Watershed. (Responsibility: Planning Department)
- e. Periodically review, in connection with review of the General Plan, designated reservoir sites to eliminate sites not currently proposed for actual reservoir use in the future. Periodically review the list of Water Supply Watersheds for proposed additions and deletions. (Responsibility: Planning Department, Planning Commission, Water Purveyors, Board of Supervisors)
- (LCP)** f. Encourage, support, and seek funding for the preparation of watershed management plans for other watersheds. (Responsibility: Planning Department, Flood Control Zone 4, Water Management Agencies)

Figure 5-1 (page 1 of 2)
Water Supply Watersheds

Source	Purveyor
North Coast	
San Vicente Creek	Davenport Water System
Mill Creek	Davenport Water System
Liddell Spring	City of Santa Cruz
Reggiardo Creek	Bonnymeade Mutual Water Company City of Santa Cruz
Laguna Creek	City of Santa Cruz
Redwood Spring (Tributary to Majors Creek)	Redwood Spring Mutual Water Company
Majors Creek	City of Santa Cruz
Pescadero Creek & Tributaries	Portola State Park
Sempervirens Creek	Big Basin State Park
San Lorenzo	
San Lorenzo River	City of Santa Cruz Park Mutual Water Company San Lorenzo Woods Mutual Water Company
Spring (Tributary to San Lorenzo River)	San Lorenzo Woods Mutual Water Company
Bear Creek	San Lorenzo Valley Water District
Spring (Tributary to Bear Creek)	J.B. Ranch Mutual Water Company
Hare Creek	Big Basin Water Company
Jamison Springs	Big Basin Water Company
Corvin Spring	Big Basin Water Company
Forest Spring	Forest Springs Mutual Water Company Big Basin Water Company
Bracken Brae Creek	Bracken Brae Country Club
Spring (Tributary to Bracken Brae Creek)	Bracken Brae Country Club
Peavine Creek	San Lorenzo Valley Water District
Silver Creek	San Lorenzo Valley Water District
Foreman Creek	San Lorenzo Valley Water District
Harmon Creek	San Lorenzo Valley Water District
Clear Creek	San Lorenzo Valley Water District
Sweetwater Creek	San Lorenzo Valley Water District
Mountain Springs (Tributary to Marshall Creek)	Mountain Springs Mutual Water Company
Earl-Manson Spring	San Lorenzo Valley Water District
Spring (Tributary to Love Creek)	Love Creek Heights Mutual Water Company
Newell Creek Reservoir	City of Santa Cruz
Fall Creek	Citizens Utilities
Bennet Creek	Citizens Utilities
Bull Creek	Citizens Utilities
Miller Creek (Tributary to Zayante Creek)	Mountain Charlie Water Works
Mountain Charlie Creek	Mountain Charlie Water Works
Lompico Creek	Lompico County Water District

**Figure 5-1 (page 2 of 2)
Water Supply Watersheds**

Source	Purveyor
San Lorenzo (continued)	
Spring (Tributary to Zayante Creek)	Quail Hollow Circle Mutual Water Company
Spring (Tributary to Zayante Creek)	Olympia Mutual Water Company
Spring (Tributary to Zayante Creek)	Zayante Acres Mutual Water Company
Spring (Tributary to Zayante Creek)	Moon Meadows Mutual Water Company
Bean Creek	Big Redwood Mutual Water Company
Spring (Tributary to Bean Creek)	Big Redwood Mutual Water Company
Redwood Springs (Tributary to Bean Creek)	Mount Hermon Association
Ferndell Springs (Tributary to Bean Creek)	Mount Hermon Association
Arcadia Spring (Tributary to Zayante Creek)	Mount Hermon Association
Weasel Gulch (Tributary to Gold Gulch)	Forest Lakes Mutual Water Company
Spring Gulch (Tributary to Gold Gulch)	Forest Lakes Mutual Water Company
McClellan Gulch (Tributary to Gold Gulch)	Forest Lakes Mutual Water Company
Gold Gulch	Forest Lakes Mutual Water Company
Tunnell Gulch (Tributary to Gold Gulch)	Forest Lake Mutual Water Company River Grove Mutual Water Company
Powder Mill Creek	Paradise Park
Soquel-Aptos	
Laurel Creek	Villa del Monte Mutual Water Company
West Branch Soquel Creek	Summit Mutual Water Company
Spring (Tributary to West Branch Soquel Creek)	Redwood Lodge Mutual Water Company
Spring (Tributary to West Branch Soquel Creek)	Cathedral Woods Mutual Water Company
Spring (Tributary to West Branch Soquel Creek)	Olive Springs Mutual Water Company
Pajaro	
Corralitos Creek	City of Watsonville
Browns Valley Creek	City of Watsonville
Potential Reservoir Sites	
Reservoir	Stream
Mid County	
Glenwood	West Branch of Soquel Creek
Upper Soquel	Soquel Creek
South County	
Pescadero	Pescadero Creek
College Lake	Salsipuedes Creek