

EXECUTIVE OFFICER'S REPORT North Coast Regional Water Quality Control Board November 2015

Seeking Nominations for Executive Officer's 2015 Water Quality Stewardship Award

Matt St. John

I am accepting nominations now from Regional Water Board staff and the public for the annual Executive Officer's Water Quality Stewardship Award.

This award is for an individual or group whose exceptional work has contributed to the preservation and enhancement of surface water and groundwater quality in the North Coast, and is designed to acknowledge and honor our partners in water quality protection through their efforts in pollution prevention, waste minimization, water quality enhancement, and/or beneficial use restoration.

The nomination letter need not be lengthy, but should identify the person or group being nominated, describe their work, and describe the water quality improvements that have resulted from their efforts. Nominations should be sent by December 1, 2015 via email to:

<u>Matt.St.John@waterboards.ca.gov</u> or US mail to our office at: 5550 Skylane Blvd., Suite A, Santa Rosa, CA. 95403.

From the nominations submitted, I will select an annual recipient of the Executive Officer's Water Quality Stewardship Award, and will present the award at the January 2016 Board meeting. I look forward to receiving the nominations by December 1, 2015 and to honoring the recipient in January 2016.

Russian River Blue Green Algae Conditions Katharine Carter and Rich Fadness

In recent years, there has been increased frequency and severity of nuisance cyanobacteria/blue green algae (BGA) blooms around the world, and in the North Coast Region. Regional Water Board staff are receiving an increasing number of calls throughout the North Coast Region regarding nuisance scums of algae, animal illnesses, and on occasion, human health impacts. The risk factors that contribute to these blooms include warming climate, lower flows, and biostimulatory conditions. The purpose of this article is to review a bloom event that occurred on the Russian River this past summer and to highlight Regional Water Board staff efforts to 1) improve anticipation of future nuisance blooms and 2) coordinate response with partner agencies (e.g., County Public Health and water agencies). Central to better managing this complex issue is long-term monitoring, assessment, and increased educational outreach.

In August 2015, after hearing concerns from dog owners about dogs becoming ill after contact with the Russian River, Regional Water Board staff took water samples and alerted the Sonoma County Department of Health Services (DHS) of the situation. Taxonomic identification revealed that small amounts of BGA species with the potential to produce toxins were present in otherwise harmless filamentous algae in shoreline algal mats along the Russian River. Initial contact with veterinarians suggested the dogs' illnesses were due to causes other than BGA toxins.

California Environmental Protection Agency

In response to the observation of potentially harmful BGA species in the river, the Regional Water Board and DHS began a collaborative effort to monitor for the presence of BGA species and associated toxins in the Russian River on a weekly basis. Initial testing of the water for algal toxins was negative; however, testing of the algal mats revealed low-level toxin concentrations at some sample locations. As a result, DHS and the Regional Water Board issued a press release and posted "Healthy Habits" recommendations at river access points. These signs encouraged recreational users of the Russian River to take precautions and practice healthy water habits, including warnings to keep pets from drinking the water and having contact with algal scums/mats.

The following week, a dog died after spending substantial time in and along the Russian River near Healdsburg. Test results later confirmed the dog had ingested the BGA-produced toxin Anatoxin-a, which is a neurotoxin. In response, a warning was issued by DHS and new signs were posted to keep animals away from the river, isolated side pools and algal mats.

Weekly monitoring of the Russian River continued. Toxin test results never exceeded thresholds for further restrictions on access to the river. After documenting the declining presence of algal mats, decreasing stream temperatures, and several weeks of water column toxin test results below detection limits, toxin testing was discontinued in late October 2015. Given this change in conditions, Healthy Habits signs were scheduled to be removed from the river during the first week of November.

In order to better address this world-wide emerging issue, the Regional Water Board, in partnership with members of the California Cyanobacterial Harmful Algal Bloom Network, is preparing to host a 2-day workshop on the subject in 2016. Regional Water Board staff are coordinating with US Environmental Protection Agency and State Water Resource Control Board staff to ensure the workshop includes the most up-to-date understanding of the evolving science. The purpose of this workshop is twofold: 1) to build strong partnerships and improve monitoring coordination and response throughout our Region, and 2) to facilitate education and outreach to the public and those public agencies and entities responsible for public health and recreational water safety.

Grant Helps Develop Laguna de Santa Rosa Livestock Ranch Plans

Michele Fortner

Sonoma Resource Conservation District (RCD) recently completed twenty-five LandSmart (http://landsmart.org) ranch conservation plans on non-dairy livestock facilities within the Laguna de Santa Rosa Watershed as part of their Nonpoint Source Planning Project. Funding was provided by the Water Board and the U.S. Environmental Protection Agency through a 2011 Clean Water Act section 319(h) nonpoint source grant.

The Laguna de Santa Rosa Watershed encompasses a 254 square mile basin that includes Mark West Creek and drains to the Russian River. The mainstem of the Laguna is one of the largest freshwater wetland systems in California. The Laguna is impaired for excess sediment, high water temperature, high phosphorus, low dissolved oxygen, high indicator bacteria, and high fish tissue mercury levels.

The development of the LandSmart plans proved to be a good tool for landowners interested in improving their facilities while protecting water quality. These plans contain an extensive property description, photo monitoring, recommended practices, and maps.

Three plans are available for review as examples of ranch plans for horses, beef cattle, and small farm animals by contacting Michele Fortner at: <u>michele.fortner@waterboards.ca.gov</u>; or by phone at: 707-576-6706.

During the life of the grant, the RCD conducted extensive outreach, including several rounds of press releases, presentations, posting of flyers, targeted calls, emails, and mailings. The RCD held two informational workshops that focused on how to identify and remedy potential water quality concerns on horse facilities and rangelands.

The grant project began on June 1, 2012, and ended June 30, 2015. The grant amount was \$121, 830 and the match amount was \$80, 500.

The RCD plans to apply for an additional 319 (h) grant for implementation of the high priority management measures identified in the conservation plans. We look forward to our collaboration with the RCD in the future.

Roseland Area, Santa Rosa, California Groundwater Contamination Cleanup Fact Sheet.

Craig Hunt & Robert Dickerson

Staff prepared the attached Fact Sheet (at end of this report) to update interested community members of groundwater contamination investigation and cleanup efforts in the Roseland area of Santa Rosa, primarily in the Sebastopol Road/McMinn Avenue vicinity.

Groundwater contamination in this area was first detected in the early 1980s and consists mostly of fuels and chlorinated solvents.

In the 1980s and 1990s, Regional Water Board staff, in coordination with U.S. EPA, the Department of Toxic Substances Control (DTSC), and Sonoma County, conducted various groundwater investigations to identify the sources of contamination. Based on investigation findings, staff identified 49 distinct sites as the sources of fuels and chlorinated solvents and required the responsible parties to assess and cleanup the contamination. Of the 49 sites identified, 34 sites have been sufficiently

investigated and remediated and are now closed. Work continues at the remaining 15 open sites. The fact sheet contains an overview of historical investigation and cleanup activities in the Sebastopol Road/McMinn Avenue area including recent activities conducted in the early 2000s.

The last Regional Water Board Fact Sheet was issued in late 2000, and designated "zones" of groundwater contamination. This updated Fact Sheet clarifies that the area is no longer categorized into such zones. It also recognizes that some investigation work was funded through the DTSC state "superfund" prior to 1995, but work in this area was removed from the state "superfund" 20 years ago. A state "superfund" site is not equivalent to a federal Superfund site. The state "superfund" funded additional investigation work when the source of contamination had not yet been identified. Federal Superfund sites generally encompass some of the nation's most contaminated land, which does not apply to this area.

In addition to the 49 sites in this area, there are additional sites to the south in the greater Roseland area. The City of Santa Rosa is developing a specific plan for the greater Roseland area concurrent with annexation efforts for the Roseland county islands. The current Fact Sheet summarizes known cleanup sites in the greater Roseland area, which consists of an additional 22 contaminated sites, of which 19 have reached closure.

Regional Water Board staff participates in the City's planning effort as part of the technical advisory committee and attending community meetings.

Please feel free to contact the following Regional Water Board staff regarding this work: Robert B. Dickerson, (707) 576-2802, <u>Robert.Dickerson@waterboards.ca.gov</u> or Craig Hunt (supervisor), (707) 570-3767 <u>Craig.Hunt@waterboards.ca.gov</u>



Enforcement Report for November 2015 Executive Officer's Report Diana Henrioulle

Date Issued	Discharger	Action Type	Violation Type	Status as of 10/20/15
9/15/15	William H. Shandel	NOV	General Waste Discharge Requirements for Timber Operations of Non-Industrial Timber Management Plan	Resolved

Comments: On September 15, 2015, the Nonpoint Source and Surface Water Protection Division Chief issued a Notice of Violation (NOV) to Mr. William H. Shandel for failure to have a Registered Professional Forester (RPF) conduct a field evaluation of current conditions in the Non-Industrial Timber Management Plan area before proceeding with the Notice of Timber Operations (NTO). The NTO maps did not identify all watercourses and crossings, or areas that violate or have the potential to violate water quality requirements or to adversely impact beneficial uses. The NOV requires that the RPF submit, by October 15, 2015, a written description of the existing site conditions with a proposed corrective action plan to prevent or minimize sediment discharge. The required information has been submitted and the NOV has been resolved.

Date Issued	Discharger	Action Type	Violation Type	Status as of 10/20/15
9/15/15	Ms. Alicia Galliani and Ms. Alice Maas	NOV	General Waste Discharge Requirements for Timber Operations of Non-Industrial Timber Management Plan	Resolved

Comments: On September 15, 2015, the Nonpoint Source and Surface Water Protection Division Chief issued an NOV to Ms. Alicia Galliani and Ms. Alice Maas (Landowners) for failure to conduct a field evaluation of current conditions on the NTO area to identify sites that are violating or have the potential to violate applicable water quality requirements or adversely impact beneficial uses, are human caused, and can be reasonably and feasibly treated. The NOV requires that, by October 15, 2015, the Landowners submit a revised written description of the existing site conditions with a proposed corrective action plan to prevent or minimize sediment discharge. The landowners have submitted the required information and the NOV has been resolved.

Date Issued	Discharger	Action Type	Violation Type	Status as of 10/20/15
9/23/15	Eel River Fuels, Inc. and Mr. William G. Hay	NOV	Violation of CAO	In compliance

Comments: On September 23, 2015, the Executive Officer issued an NOV to Eel River Fuels, Inc. and Mr. William G. Hay for violating Cleanup and Abatement Order (CAO) No. R1-2015-0053. The CAO directs that the Discharger cover and/or otherwise contain a stockpile of contaminated soil to prevent transport to receiving waters. During a rainstorm event on September 15 and 16, 2015, the contaminated stock pile was not adequately covered, and water was allowed to contact and erode the stockpiled material. The NOV directs the Discharger to submit with the next weekly report information regarding the actions to be taken to correct the problem. The requested information was received by October 2, 2015 and the discharger is in compliance.

Date Issued	Discharger	Action Type	Violation Type	Status as of 10/20/15
9/30/15	Tulelake WWTF	Stipulated Order for ACLO	MMP	On going

Comments: On September 30, 2015, the Executive Officer and the City of Tulelake signed Settlement Agreement and Stipulation for Entry of Order No. R1-2015-0054 to pay mandatory minimum penalties (MMP) in the amount of \$351,000 for effluent limit violations. The violations occurred at the City's Wastewater Treatment Facility. The full penalty amount will be suspended upon completion by the City of two Compliance Projects (CP). For CP1, the City will repair and upgrade its sanitary sewer system at a cost of about \$78,950. For CP2, the City will add a second certified wastewater treatment plant operator at a cost of about \$272,050 (equivalent to 4.5 years of salary).

Date Issued	Discharger	Action Type	Violation Type	Status as of 10/20/15
10/20/15	Robert Michael Dreifuss	CAA Cost Recovery Letter/ Invoice	Cost Recovery Invoice to Recover Cleanup and Abatement Account Funds Expended	Ongoing

Comments: In fall 2008, staff of the North Coast Regional Water Quality Control Board secured funds from the Cleanup and Abatement Account and oversaw implementation of an emergency cleanup/restoration project to address public health and safety concerns and threats to water quality on private property located east of Willits, after the landowner and discharger, Robert Michael Dreifuss, failed to comply with the requirements of Cleanup and Abatement Order No. R1-2007-0090. The total cost of the cleanup was \$453,285; following site cleanup, staff placed a lien on the property in that amount. On October 20, 2015, staff issued an invoice to the discharger requesting payment of these funds by November 20, 2015. The lien will be removed from the property upon payment of this debt.



Fact Sheet Roseland Area – Sebastopol Road/McMinn Avenue Groundwater Contamination Update Santa Rosa, California, October 2015

Introduction

The California Regional Water Quality Control Board, North Coast Region, (Regional Water Board) has prepared this fact sheet to inform interested community members of groundwater contamination investigation and cleanup efforts in the Roseland area of Santa Rosa, primarily in the Sebastopol Road/McMinn Avenue vicinity (Figure 1).



Gasoline, diesel, and chlorinated solvents from commercial and industrial facilities impacted groundwater in the Roseland area around Sebastopol Road near McMinn Avenue. The Sebastopol Road/McMinn Avenue area consists of 49 groundwater cleanup sites of which a total of 34 have been sufficiently investigated and remediated and are now closed (see Figure 2 and the index that follows for the locations of these sites).

Currently, the Regional Water Board provides regulatory oversight of the groundwater investigation and remediation for the remaining 15 open cleanup sites.

Groundwater investigation work in the area was partially funded through the state Department of Toxic Substances Control's "Superfund" thirty years ago, but this area ceased to be part of the state "Superfund" program in 1994.

Historical Investigations

Subsurface contamination in the area was first brought to the attention of the Regional Water Board and Sonoma County officials in 1981 as a result of several complaints of gasoline odors in well water. Samples of domestic well water collected in response to the complaints revealed various contaminants in drinking water wells and irrigation wells. Some wells contained gasoline, diesel, and chlorinated solvents. These wells were located in the vicinity of McMinn Avenue, Roseland Avenue, Sebastopol Road, and near Dutton Avenue.

In 1984, the Regional Water Board determined that no specific source for the contamination could be readily identified, and both the County and the Regional Water Board requested that the Department of Toxic Substances Control (DTSC) add the site to the state "Superfund" list to assess the contamination and protect public health. DTSC added the site to the list in November 1985. This listing enabled DTSC to fund work on the site as no responsible parties had yet been identified.

In 1986, DTSC completed a preliminary investigation. Groundwater samples from 7 of the 38 private wells tested contained contaminants at levels above state safe drinking water standards (referred to as the Primary Maximum Contaminant Levels [MCL]). Some of the contaminants detected were tetrachloroethene (a former dry cleaning chlorinated solvent also known as perc or PCE), 1,2-dichloroethane, vinyl chloride, and benzene.

In 1988, DTSC installed 12 monitoring wells to further assess the extent of the contamination. Petroleum hydrocarbons (which include constituents of gasoline) were found in five monitoring wells, two of which produced liquid gasoline floating on the groundwater table. Chlorinated solvents were detected in two monitoring wells, one of which contained 1,2-dichloroethane and the other contained tetrachloroethene, trichloroethylene and 1,2- dichloroethene.

Based on preliminary investigation findings, the Regional Water Board, in cooperation with DTSC, began to identify suspected sources of the contamination and to require those responsible to begin assessment and cleanup of releases of petroleum hydrocarbons and solvents to the environment.

In March 1992, gasoline vapors were detected in sewers and businesses along Sebastopol Road. The County declared a local state of emergency on March 31, 1992, due to the buildup of potentially explosive vapors in the sewer system along Sebastopol Road between West Avenue and Roseland Avenue.

On March 26, 1992, the Regional Water Board issued an emergency Cleanup and Abatement Order to a gasoline service station that was leaking gasoline to a nearby sewer line. The leaking gasoline tanks and lines were removed, and a soil and groundwater remediation system was installed at the site. The sewer line near the site was lined to prevent infiltration of contaminated groundwater.

In late March and early April 1992, the County and the Regional Water Board conducted a comprehensive domestic well sampling effort in response to the state of emergency. Sixty-one domestic wells were sampled for gasoline, diesel, and Halogenated Volatile Organic Compounds (HVOCs, which include chlorinated solvents). Three of the 61 private wells tested positive for petroleum.

The Regional Water Board also requested assistance from the US EPA to aid in determining other potential contaminant source areas. From November 1992 through January 1993, the US EPA conducted an extensive field investigation in the area. The investigation included the collection and analysis of 116 groundwater samples from 59 locations and identified several previously unknown properties as sources of petroleum hydrocarbon or solvent contamination. The investigation also concluded that the threat of a petroleum hydrocarbon or solvent release to Roseland Creek via contaminated shallow groundwater was minimal.

In 1994, DTSC transferred lead oversight responsibility of the Sebastopol Road/ McMinn Avenue area (previously referred to as the McMinn Avenue site) to the Regional Water Board. DTSC also de-designated the area as a State "Superfund" site.

In 1997, the Regional Water Board collected samples of soil and groundwater from 24 locations in the vicinity of Roseland Elementary School to further determine the sources of contamination under the school. The work resulted in an agreement between three former and currently operating gasoline service stations to work cooperatively to complete the investigation and mitigate the petroleum hydrocarbon release. This work was partially funded through the State Water Resources Control Board Underground Storage Tank Fund.

From June through August 1998, Regional Water Board staff conducted an investigation of soil and groundwater contamination near the intersection of Sebastopol Road and West Avenue as part of a grant arrangement with the US EPA. The primary purpose of the investigation was to determine the source and mechanism of chlorinated solvent releases to the environment and to sample private wells downgradient (southwest) of the intersection. Ninety-one groundwater samples and 27 soil samples were collected from soil borings.

In August and September 1998, the Regional Water Board and US EPA sampled a total of 64 private wells for chlorinated solvents and the gasoline additive MTBE (methyl tert-butyl ether). Approximately 15 of the 64 wells also were sampled for gasoline. Gasoline was not detected in any of the wells, but 17 of the 64 wells were found to be impacted by MTBE and eight by HVOCs.

In June 1999, the Regional Water Board sampled an additional 29 wells for HVOCs, MTBE, and arsenic. Twenty-two of the wells also were analyzed for gasoline. Neither gasoline nor arsenic was detected in any of the wells. Two wells were contaminated with MTBE and two wells were contaminated with HVOCs.

Based on the findings of investigations conducted in the late 1990s, the Regional Water Board, the County, and the South Park County Sanitation District entered into a cooperative agreement to develop a Roseland Plan of Action to investigate the source and extent of the chlorinated solvent contamination originating along Sebastopol Road near West Avenue. As part of this and other work, many of the properties with impacted domestic water wells were connected to municipal water supply.

In the early 2000s, the Roseland Plan of Action investigation work identified additional potential sources of chlorinated solvent contamination. Based on that information the Regional Water Board opened up new cleanup cases and required site investigations.

Current Activities

The Regional Water Board continues groundwater investigation and cleanup oversight in the Roseland area through work on individual cases for properties identified as a source or a potential source of contamination.

In a November 2000 fact sheet, the Regional Water Board categorized the Sebastopol Road/McMinn Avenue area into three zones based on the type of contamination: Red for the main area of chlorinated solvent impacts, Yellow for the larger area of petroleum impacts, and Blue for the surrounding area. The Regional Water Board no longer uses these designations, and addresses the various groundwater impacts through oversight of individual cases.

Many of the cleanup cases successfully completed groundwater investigation and remediation and were closed. Of the 49 site cases opened in the Sebastopol Road/McMinn Avenue area, 34 have reached case closure. Work is on-going at the remaining 15 sites.

Groundwater contamination in the area has reduced significantly, through source removal, active remediation efforts at various sites, and natural attenuation processes (degradation and dilution of contaminants, for example).

Other Cleanup Sites in the Greater Roseland Area

In addition to the 49 sites in the Sebastopol Road/McMinn Avenue area, there are an additional 22 sites to the south in the greater Roseland area (see Figure 3 and index that follows for locations of these sites). Of these 22 sites, 19 have been sufficiently investigated and remediated and are now closed. Three remain open.

There were fewer sources of contamination in this area because historically there was less commercial and industrial activity.

Two of the remaining open cases are a former gas station and a former auto wrecker on Dutton Avenue near Hearn Avenue.

Oversight of the former gas station cleanup is by the Sonoma County Environmental Health Department, which oversees some of the underground storage tank cleanup cases in unincorporated Sonoma County.

The Regional Water Board oversees the cleanup at the former auto wrecker (2290 Dutton Avenue), where significant investigations and remedial actions have been performed. The Regional Water Board is working with the property owner so that appropriate redevelopment of the property can proceed.

The third open case is at the gasoline station on the southwest corner of Hearn Avenue and Corby Avenue, where active remediation of subsurface gasoline contamination continues under Regional Water Board oversight.

Redevelopment Work

Regional Water Board staff routinely works with property owners and redevelopers to allow for redevelopment on open or closed cleanup cases or properties that have been impacted by contaminated groundwater migration. For any redevelopment project where potential contamination exists, the Regional Water Board recommends the redeveloper enlist an environmental consultant to perform a Phase I environmental site assessment (also known as a US EPA All Appropriate Inquiries) in order to evaluate potential impacts at the site. In some cases, a Phase II environmental site assessment is also needed.

For closed cleanup sites, Regional Water Board staff will provide records and assist the environmental consultant evaluate our records. For open cleanup cases, Regional Water Board staff works with the environmental consultant for the cleanup project as well as the consultant for the redevelopment.

Health risk screenings and investigations may need to be performed, based on the type of proposed redevelopment. As long as the redevelopment project will not create health risk exposures and can be performed without impeding continued investigation and cleanup work, the project can proceed.

Existing Water Supply Wells

Regional Water Board staff can provide information on domestic well sampling to residents and property owners with water supply wells upon request. If a supply well is within a contamination area and not already included in the monitoring program for the site, well sampling could become part of the on-going investigation and remediation work.

For Additional Information

Two maps and a list of cleanups sites are included in this fact sheet. Information on many of the cleanup sites is available on our Geotracker website at http://geotracker.waterboards.ca.gov/ The site address can be used to look up the case from the Geotracker search screens.

Document submittals to Geotracker began in 2005, so older records are available only in paper files. The Regional Water Board records are available for review in our office at 5550 Skylane Boulevard, Suite A, Santa Rosa, California 95403. A file review appointment is recommended and can be made by calling our main number at (707) 576-2220.

Please feel free to contact the following Regional Water Board staff regarding this work:

Robert B. Dickerson, (707) 576-2802 Robert.Dickerson@waterboards.ca.gov

Craig Hunt (supervisor), (707) 570-3767 Craig.Hunt@waterboards.ca.gov





Index for Figures 2 & 3, Cleanup Site Locations in the Sebastopol Road/ McMinn Avenue Area (1-49) and in the Greater Roseland Area (50-71).

Map Index	Site Name	Address	Open or Closed Case
1	Acme Auto Wreckers Inc.	1885 Sebastopol Rd	Open
2	Allefax	1 Sebastopol Ave	Closed
3	Almetco, Inc.	1733 Sebastopol Rd	Closed
4	Baugh, Wilson Enterprise	805 Sebastopol Rd	Open
5	Beacon #489 (Former)	921 Sebastopol Rd	Open
6	Bevan Investments	995 Sebastopol Rd	Closed
7	BP / Redwood Oil #110	760 Sebastopol Rd	Open
8	BSC Cleaners	800 Sebastopol Rd	Open
9	C & D Batteries	265 Roberts Ave	Open
10	C & L Motors	1380 Sebastopol Rd	Closed
11	Chang, Kevin	1580 Hampton Way	Closed
12	Cleaning Mart	651 Sebastopol Rd	Closed
13	Continental Baking Company	1840 Sebastopol Rd	Closed
14	Cottage Bar	1099 Sebastopol Rd	Closed
15	Exchange Bank	330 Sebastopol Rd	Closed
16	Former Exxon 7-2639	1124 Sebastopol Rd	Open
17	Frontier Electric	1599 Hampton Way	Closed
18	Gardener's Aid	1050 Sebastopol Rd	Closed
19	Harriman, Tom & Jeff	375 Sebastopol Rd	Closed
20	Holland Cleaners	700 Sebastopol Rd	Closed
21	Laidlaw Transportation	959 Sebastopol Rd	Closed
22	Langes Cleaners	555 Sebastopol Rd	Closed
23	McGowen Auto Wrecking (Former)	112 Holbrook St	Open
24	Murrill, James	439 Roseland Ave	Closed
25	My Cleaners / Economy Cleaners	426 Sebastopol Rd	Closed
26	Nor Cal Glass Company	673 Sebastopol Rd	Closed
27	Optical Coating Laboratory Inc	977 Sebastopol Rd	Closed
28	Point St George Fisheries	8 Sebastopol Ave	Closed
29	Quick Stop Market #35	816 McMinn Ave	Open
30	Redwood Oil & Chevron Bulk Plant	258 Roseland Ave	Open
31	Reuben's Tacos	565 Sebastopol Rd	Open
32	Roseland Cleaners	761 Sebastopol Rd	Open
33	Roseland Paint Center	1160 Sebastopol Rd	Closed
34	Santa Rosa DPW Sewer-Roseland	Roseland Ave	Closed
35	Santa Rosa Value Center	2025 Sebastopol Rd	Closed
36	Shamrock Materials	285 Roberts Ave	Closed
37	Shell Service Station - Dutton Ave	255 Dutton Ave	Open

Map Index	Site Name	Address	Open or Closed Case
38	Shell, DZ Products Facility	257 Dutton Ave	Open
39	Slakey Brothers	1289 Sebastopol Rd	Closed
40	Sonoma County Community Development	Sebastopol Rd	Closed
41	Sonoma County Government Building Site	Sebastopol Rd & Roberts Ave	Closed
42	Taylor Bus Company	1175 Sebastopol Rd	Open
43	Texaco, Bills	1980 Sebastopol Rd	Closed
44	Unocal #4320	370 Sebastopol Rd	Closed
45	Wescott's Bob Auto & Truck Parts	1569 Sebastopol Rd	Closed
46	Withers Car Wash	1450 Sebastopol Rd	Closed
47	Wood, Talmadge	1594 Hampton Way	Closed
48	Yellow & Roadway Freight	270 Dutton Ave	Closed
49	Zedrick, Dave	111 Sebastopol Ave	Closed
50	A-1 Mini Storage	2868 South Dutton Ave	Closed
51	AM/PM Mini Mart	440 Hearn Ave	Open
52	Biddulph Chevrolet	2770 Corby Ave	Closed
53	Fouche Auto Wreckers	2290 Dutton Ave	Open
54	Freeman Toyota	2875 Corby Ave	Closed
55	Hansel Ford	3075 Corby Ave	Closed
56	Mani, Richard	200 Talmadge Drive	Closed
57	Manly Honda	2750 Corby Ave	Closed
58	Manly Mitsubishi	2755 Corby Ave	Closed
59	Prestige Acura	2840 Corby Ave	Closed
60	Prestige Lincoln Mercury	2979 Corby Ave	Closed
61	Ray's Food Center	2423 Dutton Ave	Open
62	Rickie's Salads Corp.	242 Barham Ave	Closed
63	Roseland Creek @ Burbank Ave	Burbank Ave	Closed
64	Schneider, Egon	60 West Barham Ave	Closed
65	Shell	2575 Corby Ave	Closed
66	Smothers European	2881 Corby Ave	Closed
67	Sterling Cousins Truck & Auto Repair	2966 Coors Ct	Closed
68	United Grocers	3000 Dutton Ave	Closed
69	Veale Volkswagon	2800 Corby Ave	Closed
70	Wood Cadillac	2925 Corby Ave	Closed
71	Zumwalt Magrini Used Cars	2820 Corby Ave	Closed