

STINSON BEACH COUNTY WATER DISTRICT

ONSITE WASTEWATER MANAGEMENT PROGRAM

2021

ANNUAL REPORT

(July 1, 2020 through June 30, 2021)



Submitted to:

California Regional Water Quality Control Board
San Francisco Bay Region
1515 Clay Street, Suite 1400
Oakland, CA 94612

By:

Stinson Beach County Water District
3785 Shoreline Highway
PO Box 245
Stinson Beach, CA 94970



Table of Contents

Introduction.....	1
History.....	1
Current Events.....	2
1. Wet Weather Season	
2. Section 4.01.930 Annual Review and Amendment:	
3. Surface and Groundwater Sampling	
Monitoring Program Summary.....	3
Surface and Groundwater Monitoring Program Summary.....	4
Design Review Applications.....	8
Enforcement Summary.....	10

Tables & Figures

Table 1: Yearly Rainfall.....	2
Table 2: Septic System Type Summary.....	3
Table 3: Annual Monitoring Summary.....	4
Table 4: Water Quality Objectives.....	5
Table 5: Ammonia Objectives.....	5
Table 6: Surface & Groundwater Quality Exceedances.....	7
Table 7: Surface and Groundwater Sampling Schedule.....	8
Table 8: Board Actions.....	8
Table 9: Staff Actions.....	9
Table 10: Enforcement Summary-Revoked Discharge Permits.....	10

Appendices

Appendix A: Surface Water Sampling & Ground Water Monitoring Well Locations

Appendix B: Variance Resolutions

Appendix C: Correspondence:

- Design Approval Permits
- Notice of Complete Applications
- Notice of Incomplete Applications
- Notice of Inspection and Required Compliance
- Response to Agency Memorandums

Appendix D: Surface Water Monitoring Table

Appendix E: Groundwater Monitoring Table

INTRODUCTION

The annual Stinson Beach Wastewater Discharge Report covers the period from July 1, 2020 to June 30, 2021. This report summarizes the current wastewater inspection results, surface and groundwater sample data, and new wastewater system applications. The purpose of this report is to present findings of over 700 privately owned, maintained, and operated residential and commercial wastewater systems to the Regional Water Quality Control Board (RWQCB). The District monitors these systems to help ensure proper operation and maintenance are performed by the owners. The On-Site Wastewater Management Program (OWMP) is a living/evolving program which is reviewed annually by the District Wastewater Committee for changes to State Health requirements or RWQCB regulations. A full review of Title IV regulations occurs once every three (3) years. The Stinson Beach County Water District (District) encourages innovation in design and sets high standards with its governing wastewater regulations to improve the ground and surface water quality.

HISTORY

Stinson Beach is a small coastal community located off Highway 1 south of the Point Reyes National Seashore. Beginning in the early 19th century as a cattle ranch, the area evolved into a residential community with limited commercial use. Formed in November 1962, the District provides the community's municipal water supply and on-site wastewater system management. To help facilitate on-site wastewater system management, a two (2) year study of existing wastewater systems and available treatment alternatives was conducted in 1975 by Eutek Engineering. This study supported community efforts to keep individual wastewater systems and avoid a centralized sewer system. The study was also helpful in providing information used in developing the On-site Wastewater Management Program (OWMP). Legislation (Article 10, §31145 - §31149) was codified in the State Water Code in 1976 granting the District enumerated powers for improving water quality.

To better understand the local watershed and to improve the OWMP, the District conducted a hydrologic study in 1997 of the groundwater systems in Seadrift, Calles, and Patio areas. The study initiated the District's surface and groundwater sampling program. Most of the groundwater monitoring wells and surface water sampling locations used in the hydrologic study are still tested to help identify areas with problematic wastewater system(s).

The District continues to evolve and develop the OWMP in response to innovations in technology, new studies and research in on-site wastewater treatment. The Wastewater Committee continuously reviews Title IV regulations for applicable changes in State Health and/or RWQCB regulations as it applies to Title IV. Additionally, this subcommittee meets monthly to review and discuss permit applications for new systems, enforcement actions, and status of failed septic systems. No decisions are made at these meetings; however, the committee is helpful in developing project understanding for the applicant, clarifying permit applications at the Board of Directors meeting, and developing ways to improve regulations.

Title IV regulations provide the framework to implement provisions of the Water Code's Article 10 pertaining to the District. More specifically, the regulations define the procedures for inspections, enforcement, design, and permits which thereby enhance the quality of the ground and surface waters. The provisions of Title IV apply to all wastewater systems within the jurisdiction of the Stinson Beach County Water District, excluding the wastewater systems owned, maintained, and operated by the National Park Service.

CURRENT EVENTS

1. **Wet Weather Season:** District staff tracks and records rainfall amount in Stinson Beach to determine the appropriate timeframes for wet weather groundwater and percolation tests. As tracked by District staff since 1978, the average annual rainfall is approximately 30 inches. During this reporting period, there was approximately 11.1 inches of rainfall. This total rainfall is less than half of the average annual rainfall. Consequently, wet weather seasonal testing was not applicable during this reporting period. Current weather data is available at:

<https://www.weatherlink.com/embeddablePage/show/21c515ed63bb4950a3103c235a9fafd3/summary>

Wet weather season may occur between January 1st to May 1st, when half of the average annual rainfall (15 inches) falls. Additionally, wet weather testing may occur within ten (10) days of a significant rainfall event. A significant rainfall event is 0.8-inches within a 48-hour period.

Table 1: YEARLY RAINFALL

Month	Rainfall (inches)
Jul-20	0.04
Aug-20	0.18
Sep-20	0.00
Oct-20	0.10
Nov-20	0.96
Dec-20	3.11
Jan-21	1.10
Feb-21	2.83
Mar-21	1.97
Apr-21	0.70
May-21	0.00
Jun-21	0.11
Total =	11.1

2. **Section 4.01.930 Annual Review and Amendment:** The District approved Ordinance No 2021-01 to revise and update Title IV Onsite Wastewater management Code. Following favorable review by RWQCB, the SBCWD Board of Directors approved the new ordinance in March 2021, superseding Ordinance 2014-04. Revisions generally included removal of obsolete code and clarifications. Thirty-two (32) code sections were either omitted or amended.
3. **Sea Level Rise and Adaptation:** The District began a planning study to review the effects of climatic change in Stinson Beach. This is a long range study requiring public outreach to resource permitting agencies, stakeholders, and partnering with GGNRA for future land acquisitions. The study will provide grant funding recommendations and design alternatives to help attract upcoming grant funding sources.

MONITORING PROGRAM SUMMARY

District staff monitors 721 residential and commercial on-site septic systems. Monitoring frequency for individual systems is based upon type, age, performance and varies monthly, quarterly, annually, or biennially based upon the judgment of staff. The types of septic systems include standard, alternative, or other (seepage pit, gray water or holding tank). As shown in Table 2, the majority (563) of the wastewater systems are standard type. Standard systems include gravity or pressure distribution dispersal fields which may or may not have an intermittent sand filter pretreatment device. Alternative systems include innovative pretreatment, dispersal field, and/or disinfection component(s) such as subsurface drip dispersal, bottomless sand filter dispersal, ultra-violet disinfection, aerobic treatment units (ATU), and recirculating filter pretreatment devices. Given the complexity of some innovative systems, telemetry panels are required. These panels provide continuous pump and alarm monitoring and send alerts and alarms to the District. There are currently 100 telemetry panels installed. Finally, there 41 systems that utilize a seepage pit, holding tank, and/or gray water system. These systems either predate the District's OWMP or used in cases of repair where poor soils conditions or setback requirements prohibit the use of a standard or alternative system.

Table 2: Annual Monitoring Summary

System Type	Dispersal Field	Pretreatment Device	Number of Systems
Standard	Gravity	n/a	384
	Pressure Distribution	n/a	19
	Pressure Distribution	Sand Filter	160
Subtotal =			563
System Type	Dispersal Field	Pretreatment Device	Number of Systems
Alternative	Gravity	ATU – Aerobic Treatment Unit	3
	Pressure Distribution	ATU – Aerobic Treatment Unit	6
		Recirculating Textile Filter	46
		Recirc. Gravel/Sand Filter	4
		Peat Fiber Biofilter	2
	Subsurface Drip	ATU – Aerobic Treatment Unit	17
		Sand Filter	1
		Recirculating Textile Filter	21
		Recirc. Gravel/Sand Filter	1
	Septic Mound	Standard Wisconsin Mound	1
		Presby Tube	1
	Bottomless Sand Filter	-	14
	Subtotal =		
System Type	Dispersal Field	Pretreatment Device	Number of Systems
Other	Holding Tank	-	23
	Seasonal Holding Tank	-	7
	Seepage Pit	-	10
	Gray Water	-	1
Subtotal =			41
Total =			721

During this reporting period, District staff performed 522 septic system inspections. Results are shown in Table 3. Following inspection, staff issues a report indicating the septic system's performance as acceptable or not acceptable. Not acceptable operation requires either a maintenance permit for minor repairs or a construction permit for significant repairs. Maintenance repair consists of clearing stoppages in pipes without removing, replacing, or rearranging the pipes or surrounding soils; repair or replacing non-treatment components; pumping liquid and solids from, or otherwise cleaning septic tanks and grease traps; cleaning sand filters; and cleaning pressure distribution system pumps and piping. Construction permits are necessary for all non-maintenance repair and include replacement of treatment components. Of the 522 inspections, approximately 96% received an "acceptable" rating. Systems unable to be repaired via a maintenance or construction permit prior to the conclusion of this reporting period are listed in Table 10.

Septic system inspections by District staff generally includes recording scum and sludge build-up in the septic tank, water elevations in the monitoring wells, and pump meter readings such as dose counters and elapsed time meters. Hydraulic load tests are performed on systems to help assess the dispersal field's ability to accept water. This is a timed test with either an acceptable or not acceptable rating. An acceptable rating for gravity dispersal fields occurs when the maximum water level rise in the septic tank is less than 3 inches and when the water level declines more than ½ inch in 30 minutes. Not acceptable rating includes water level rise greater than 3 inches in the septic tank or for water level decline of less than ½ inch in 30 minutes.

Table 3: Annual Monitoring Summary

Month	Rainfall (inches)	Systems Inspected	Rating	
			"Acceptable"	"Not Acceptable"
Jul-20		31	28	3
Aug-20		27	24	3
Sep-20		68	65	3
Oct-20		38	36	2
Nov-20		30	29	1
Dec-20		44	42	2
Jan-21		41	39	2
Feb-21		36	36	0
Mar-21		70	68	2
Apr-21		58	55	3
May-21		28	27	1
Jun-21		51	50	1
Total =		522	499	23

SURFACE AND GROUNDWATER MONITORING PROGRAM SUMMARY

District staff collects surface and groundwater samples in and around the local watersheds. This includes sampling of Easkoot Creek, Fitzhenry Creek, Black Rock Creek, and the Seadrift Lagoon. The sample results (excepting MBAs) are not specific to human sources and may be significantly influenced by any warm-blooded animals within the watershed areas. Animals

common to Stinson Beach include, but are not limited to, dogs, cats, racoons, coyotes, deer, seals, and various types of fish and birds. It is not the intention of the District to identify the source of the surface and groundwater pollutant through further DNA or other tracking means. Given the numerous potentials for pollutants, staff will first conduct a visual assessment of an area where the surface and/or groundwater sample exceeds the District criteria. From this observation, staff will determine whether to retest and/or conduct a hydraulic load test on nearby wastewater systems.

Stinson Beach is often host to weekend sporting events and other recreational activities which can increase the population size tenfold. Given the limited availability of public and/or event sponsored portable restrooms and the remote location of Stinson Beach, the watershed quality is put at risk. To help protect surface and groundwater quality, the District does not approve temporary toilet permits for special commercial events. These event sponsored chemical toilets are often neglected or are not sufficient for the event. Nonetheless, special events (i.e., foot races) did occur on weekends without District approval. Special events stopped following Covid-19 restrictions; however, tourism increased due to the availability of outdoor recreational uses of the beach and hiking trails. Additionally, temporary closure of the national park restrooms due to Covid-19 exasperated the availability of public restrooms.

Sample results are also significantly affected by the first rainfall event, which drains waste materials from human and/or animal sources into the local tributaries. Historic sample results show high exceedance rates following the first rainfall events. Continued sampling throughout the wet weather season typically shows sample results below District criteria.

The surface water samples collected in the creeks and tributaries in the Stinson Beach local watersheds are surrounded by woodlands. Stinson Beach is situated along the western slopes of Mt. Tamalpais and surrounded by GGNRA federal recreational preserve. Consequently, there is a significant wildlife presence in and around the local water sheds which should be factored into the surface and groundwater results. Since the purpose of the surface and groundwater sampling program is to help monitor the health of the local watersheds, the District does not distinguish between human and wildlife indicator organisms in the sampling program.

Sample locations are shown in the Appendix A: Surface and Groundwater Sampling Locations. The water quality objectives for the surface and groundwater are as follows:

Table 4: Water Quality Objectives

Type of Sample	Surface Water	Groundwater
Fecal Coliform	400 MPN/100mL	400 MPN/100mL
Nitrite & Nitrate	10 mg-N/L	10 mg-N/L
Ammonia	varies (see below)	0.3 mg-N/L
MBAAs (mg-Las/L)	0.5 mg-Las/L	0.5 mg-Las/L

Table 5: Ammonia Objectives

Surface Water Ammonia Objectives					
S-1	S-2	S-2A & S-2B	S-3	S-4	S-5
0.2 mg-N/L	0.4 mg-N/L	0.3 mg-N/L	0.4 mg-N/L	0.9 mg-N/L	1.8 mg-N/L

Surface Water Quality:

Surface water sample locations are shown in "Appendix A: Map of Surface Water Sampling and Ground Water Monitoring Well Locations." Sample locations begin upslope of the town's developed parcels (S-1) and continue down through the town (S-2 to S-5) and into the Seadrift Lagoon (S-6, S-7A to S-7D). Samples taken by District staff are sent to Brelje and Race Laboratories, Inc. for Fecal Coliform, Ammonia, and MBAS as LAS sampling.

Stinson Beach Sample Stations S-1 to S-6 (Easkoot Creek and local tributaries)

Given the low rainfall amount, District staff sampled locations where sufficient water levels permitted. Surface water samples revealed two (2) high level fecal coliform event at sample location S-2B in October. This location is upslope of the downtown corridor on Black Rock Creek. Further site investigation and review of the septic records indicated no significant issues associated with wastewater systems in the general vicinity of the sample location. Subsequent test results dropped below objective levels. Sample results for MBLAS and Ammonia were below District water quality objectives or at non-detect levels. Sample results are shown in Appendix D: Surface Water Monitoring Table. Variances above the maximum fecal coliform limit appear to be a result of the wildlife. Observation of the sample areas revealed no evidence of a failing wastewater system around the test area.

Seadrift Lagoon Sample Stations S-7A to S-7D

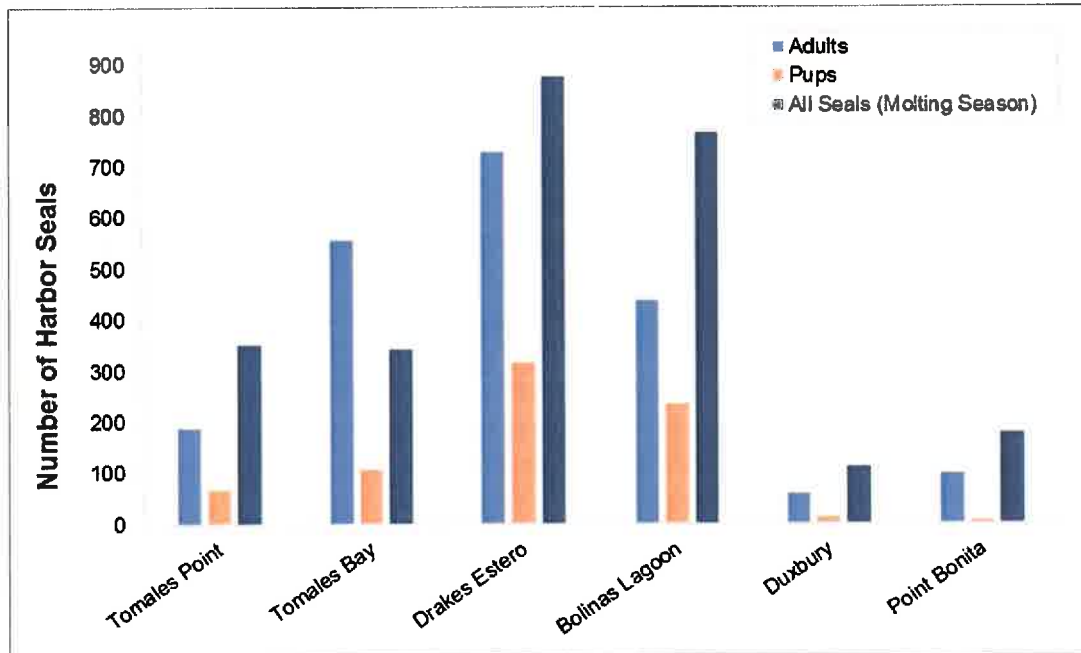
Surface water sampling conducted at two (2) locations in the Seadrift Lagoon are shown in Appendix D. There was no exceedance of the District's water quality objectives for fecal coliform, ammonia, or MBAS as LAS.

Groundwater Quality:

Groundwater sample locations are shown in Appendix A. Locations vary from an upslope creek location (G-1) to the residential area in the Calles (MW-6 to MW-9) and into the Seadrift Lagoon (MW-1 to MW-5). Samples taken by District staff are sent to Brelje and Race Laboratories, Inc. for Fecal Coliform, Ammonia, and MBAS as LAS sampling.

There were no exceedance of the District's water quality objective for fecal coliform concentrations. The subsequent samples indicate fecal coliform concentrations at the lowest or non-detect level. Seventeen (17) Ammonia sample results exceeded the District criteria of 0.3 mg-N/L at locations MW-1, MW-2, MW-3, MW-4, MW-6, MW-7, and MW-9. There are no failed wastewater systems observed by District staff in or around these monitoring sites during this reporting period. Sample sites MW-1, MW-2, and MW-3 are located midblock along Dipsea Road (between 95 Dipsea and 101 Dipsea) as shown in Appendix A. These sites are between Bolinas and Seadrift Lagoons, which is within proximity to a harbor seal sites. As indicated in a study by the National Park Services (NPS), there are hundreds of harbor seals in Bolinas Lagoon. The harbor seal sites, as observed by District staff, tend to be located approximately 2,000 feet from the sample locations (MW-1, MW-2, MW-3) near McKinnan Gulch with overflow seal population as close as 1,000 feet near McKinnan's Landing. As shown in the following chart by NPS in 2017, the seal count exceeded 700 seals. This large seal population is believed to significantly affect groundwater sample results. Exceedance of Ammonia water quality objectives occurred three (3) times in sample locations MW-6, MW-7, and MW-9. Additional sampling in these locations revealed levels below water quality objectives during the last sampling round in May 2011. Testing for MBAS as LAS, which is an indicator for laundry detergent, were taken concurrently with all the ammonia sampling. As shown in the Appendix E, results for MBAS as LAS were below the District's water quality objective of 0.5 mg-LAS/L.

Given the low MBAS concentration, the sample results suggest impacts to groundwater quality associated with the local wildlife.



Maximum harbor seal counts by survey site.

Total Weekly Maximum Harbor Seal Counts

TABLE 6: SURFACE & GROUNDWATER QUALITY EXCEEDANCES

Sampling Location	Date	Parameter	Concentration
S-2B	10/20/20	Fecal Coliform (400 MPN/mL)	1600 MPN/mL
S-2B	10/6/20	Fecal Coliform (400 MPN/mL)	1600 MPN/mL

Sampling Location	Date	Parameter	Concentration
MW-1	5/10/21	Ammonia (0.3 mg-N/L)	3.5 mg-N/L
MW-1	2/8/21	Ammonia (0.3 mg-N/L)	2.6 mg-N/L
MW-1	11/9/20	Ammonia (0.3 mg-N/L)	8.4 mg-N/L
MW-1	8/10/20	Ammonia (0.3 mg-N/L)	7.8 mg-N/L
MW-2	5/10/21	Ammonia (0.3 mg-N/L)	2.0 mg-N/L
MW-2	2/8/21	Ammonia (0.3 mg-N/L)	2.4 mg-N/L
MW-2	11/9/20	Ammonia (0.3 mg-N/L)	7.4 mg-N/L
MW-2	8/10/20	Ammonia (0.3 mg-N/L)	7.0 mg-N/L
MW-3	5/10/21	Ammonia (0.3 mg-N/L)	3.8 mg-N/L
MW-3	2/8/21	Ammonia (0.3 mg-N/L)	2.4 mg-N/L
MW-3	11/9/20	Ammonia (0.3 mg-N/L)	4.6 mg-N/L
MW-3	8/10/20	Ammonia (0.3 mg-N/L)	4.6 mg-N/L
MW-4	2/8/21	Ammonia (0.3 mg-N/L)	0.4 mg-N/L
MW-4	11/9/20	Ammonia (0.3 mg-N/L)	0.5 mg-N/L
MW-7	2/9/21	Ammonia (0.3 mg-N/L)	3.5 mg-N/L

TABLE 7: SURFACE & GROUNDWATER SAMPLING SCHEDULE

Type of Sample	Surface Water	Groundwater
Fecal Coliform (MPN/100mL)	Bimonthly ¹	Quarterly ²
Ammonia Nitrogen (mg-N/L)	Bimonthly ¹	Quarterly ²
MBAs (mg-Las/L)	Quarterly ^{2 & 3}	Quarterly ²

¹ Bimonthly samples are taken in Feb, April, June, Aug, Oct, and Dec every year

² Quarterly samples are taken Feb, May, Aug, and Nov every year

³ Semi-Annual samples are taken in the Seadrift Lagoon in Spring and Fall

DESIGN REVIEW APPLICATIONS

The District implements the provisions of Article 10, Chapter 1, Part 5, Division 12 of the Water Code of the State of California (Section 31145 et seq.) which includes regulatory permitting of new and repair OTWS design applications. Design applications which do not meet the strict provisions of Title IV Onsite Wastewater Management Code may be approved through a variance process. Upon making certain findings as set forth in Chapter 4.13 Variances to Design Standards, the Board of Directors may grant variances based upon the unique characteristics of the project.

The District reviewed and approved eleven (11) total wastewater design review applications during this report period (Table 8: Board Actions). The primary purpose for installing an OWTS included New Construction (as defined in Section 4.03.252). Nine (9) design review applications involved building permits for habitable space addition (as defined in Section 4.03.237) to an existing building or development of a vacant lot. Two (2) design review applications replaced a failing OWTS which did not include any New Construction.

Table 8: BOARD ACTIONS

VARIANCE RESOLUTIONS ADOPTED	NUMBER ISSUED
New Construction / Habitable Space Increase =	9
Repair /Replacement =	2
Total =	11

Variance application involving New Construction require a public notification process. This process includes providing a copy of the application to RWQCB for a 30-day review period and notifying neighbors within 300-feet. Public notices are posted in Town and the local newspaper (Point Reyes Light) for a wastewater committee and Board meeting. Notifications are posted in three (3) locations within the Town:

- District Office
- Community Center

- Post Office
- Stinson Beach Market

Additionally, notifications are sent to the District attorney, Village Green, Village Association, Golden Gate Sotheby’s Realty and the Seadrift Association. The wastewater committee meeting includes the General Manager, District Engineer, District Inspector, and two (2) of the Board Directors. The purpose of this meeting is to review and discuss project issues and/or constraints prior to the Board Hearing. During the Board meeting, the committee will provide comments and make recommendations regarding variance(s) endorsement. The process typically takes between 2 to 3 months from initial application receipt to Design Approval Permit issuance.

Variance applications for a failed /replacement system typically take 1 to 2 months to process. To help expedite the replacement of a failed system, these applications do not require a RWQCB review period or neighbor notifications. The process does, however, include a wastewater committee and Board meeting.

The Board of Directors approved 11 variance application which included a total of 22 variances to Title IV Onsite Wastewater Management Code. The variances fell into several categories as indicated in Table 9. The District recognizes advancement in alternative treatment technology and provides an approval process through Section 4.19.010 Use of Alternative Wastewater System Designs. Alternative pretreatment systems provide equivalent or better treatment than a standard intermittent sand filter device. Benefits of these systems include smaller footprints, telemetry control panels that provide continuous pump and alarm monitoring, and improved constructability.

Table 9: VARIANCE APPROVALS

SECTION	DESCRIPTION	APPROVED
4.15.100	Site Criteria - Setbacks	9
4.15.310	Septic and Sump Tank Design Standards	1
4.15.621	Design Flow	1
4.19.010	Use of Alternative Wastewater System Designs	11

The most common variance requested was to Section 4.19.010 to utilize an alternative wastewater system. The District recognizes technological advancements increase system performance in constructability, operation, and monitoring. The alternative systems provide equivalent or better treatment than a standard intermittent sand filter system and require less area. The systems include continuous pump and alarm monitoring and require a third party service provider to receive alerts and alarms from the telemetry control panels.

Given the narrow property frontage (typically 60-ft) and lagoon, most of the requested setback variances were within the Seadrift Association. Mitigation requirements typically included use of a pretreatment device, use of a pervious driveway surface, and ventilation pipe through the dispersal beds. The purpose of these mitigation requests is to improve treatment of septic tank effluent prior to dispersal into the native soils. The District’s policy is to allow up to a 10% reduction (10-ft) to the 100-ft Seadrift lagoon setback requirement if the designer locates the dispersal bed as far away as reasonably possible from the waterbody. Locating the dispersal bed away from the lagoon coincides with an additional variance to reduce a 5-ft front property line setback to 1-ft. Additionally, relocation of the District water main may be necessary if the

dispersal bed is within 10-ft.

A variance to allow use of a new plastic sump tank was granted. Newer plastic tanks by Roth offer a relatively lightweight and robust tank which improves constructability as compared with a traditional concrete tank. The District previously approved a Roth plastic tank approximately 10-years ago in a sandy area with seasonal high groundwater elevations. The tank passed all biennial inspections.

The District granted one (1) variance to the highest wastewater flow tier (600 gpd maximum flow rate) for a single-family residence with over 3,300 ft². The proposed building exceeded the District's maximum habitable space area by 300 ft². Based on a recent study by District Staff, the average water use increases with the building size. The difference between the maximum wastewater design flow and average water use, however, increases significant for the larger residences. That is, average water use in a smaller residence is near the capacity of the wastewater design, whereas the average water use of a larger residences is typically 1/3 or less of the wastewater system design flow.

Table 10: STAFF ACTIONS

DESCRIPTION	NUMBER ISSUED
Notice of Incomplete Applications	3
Notice of Complete Applications	13
Design Approval Permit	11
Notice of Inspection and Required Compliance	6
Agency Planning Memorandum Responses	1

Table 10 provides a summary of staff correspondence for wastewater design and variance application. Staff provides the applicant and/or their designer comments as part of the design review and construction phases. Additionally, comments are provided to Marin County regarding proposed building and site improvements. During the design review phase, staff reviews the wastewater application documents and prepares either a Notice of Incompletion or Completion letter. Following completion of design review and approval or any variance items from the Board of Directors, staff issues a Design Approval Permit to initiate the construction phase. During construction, staff typically performs several construction inspections with the designer and contractor. After construction completion, District staff issues a Notice of Inspection and Required Compliance for punch list items not completed after the final inspection. Finally, District staff reviews building plan transmittal sent by Marin County Building or Planning Departments. Marin County recently initiated a paperless review or on-line plat form to review building plans. As a result, only one (1) hardcopy was received during this reporting period. Staff typically provides comments within 1 to 2 weeks.

ENFORCEMENT SUMMARY:

As shown in Table 11, there are a total of seven (7) wastewater systems with revoked discharge permits following the end of this report period. Two (2) systems have had their permits revoked for over ten years and water service has been turned off (85 Buena Vista and 95 Buena Vista). The remaining septic systems are anticipated to be repaired prior to the next reporting period. All revoked discharge permits are reviewed and discussed monthly at the wastewater committee

meetings.

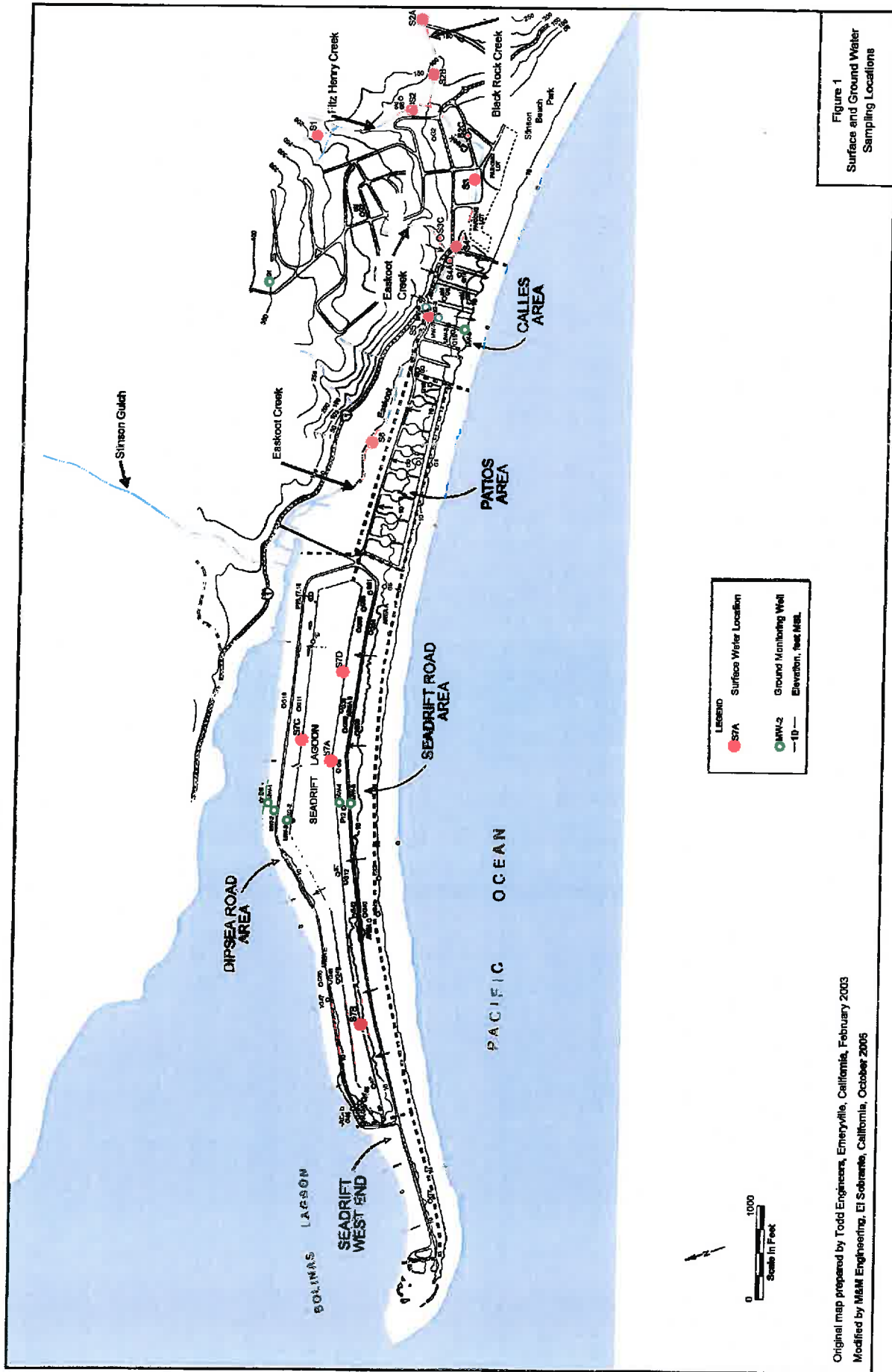
TABLE 11: ENFORCEMENT SUMMARY – REVOKED DISCHARGE PERMITS

Account No.	Address	Owner	Failure Date	Reason for Failure	Discharge Permit Revoked
3570	85 Buena Vista	Fedun	8/10/06	Surfacing Effluent	8/14/06
3560	95 Buena Vista	White	10/31/11	Septic Tank Leaking	10/31/11
3620	45 Buena Vista	Cronin	6/23/20	Septic Tank Leaking	6/23/20
4180	3416 Shoreline	Cottages LLC	1/6/20	Septic Tank Leaking	1/6/20
7340	279 Seadrift	Moran	1/25/21	Slow to Accept Hyd Load	1/25/21
0340	17 Sierra	MacKinnon	6/8/21	Septic Tank Flooded	6/8/21
4510	125 Laurel	Coy	6/12/21	Septic Tank Flooded	6/12/21

The District OWMP continues to monitor, enforce, and regulate the on-site wastewater systems throughout the Stinson Beach community. A summary of findings will continue to be prepared on an annual basis for RWQCB as part of the waste discharge requirements.

APPENDIX A

**MAP OF SURFACE WATER SAMPLING AND
GROUND WATER MONITORING WELL
LOCATIONS**



Original map prepared by Todd Engineers, Emeryville, California, February 2003
 Modified by MAM Engineering, El Sobrante, California, October 2005

APPENDIX B

VARIANCE RESOLUTIONS

STINSON BEACH COUNTY WATER DISTRICT
DRAFT RESOLUTION NO. WW 2020-05

GRANTING A VARIANCE TO THE REQUIREMENTS OF THE STINSON BEACH
COUNTY WATER DISTRICT WASTEWATER TREATMENT REGULATIONS ORDINANCE
NO. 2014-04 TO UTILIZE AN EXISTING 1200-GALLON SEPTIC TANK AND REDUCE A
SITE CRITERIA SETBACK

FOR A PROPERTY LOCATED AT 6 CALLE DEL PINOS,
STINSON BEACH

WHEREAS, Julie Vogel and Don Anderson are the legal owners of the property located at 6 Calle del Pinos, Stinson Beach, California, Assessor's Parcel Number 185-184-22; and

WHEREAS, said owners applied for variance requests to the requirements of the Stinson Beach County Water District Code Ordinance No. 2014-04, Section 4.15.100 Site Criteria - Setbacks, to reduce a waterbody setback to a dispersal field from 100 to 97 feet, Section 4.15.300 Septic Tank Construction and Size, to utilize an existing septic tank and allow for a reduction of capacity from 1600 to 1200-gallons; and

WHEREAS, the Board of Directors reviewed the staff report and held a hearing on said application on June 20, 2020, at which all evidence was presented and considered; and

WHEREAS, the following findings are hereby made regarding the aforementioned variance application:

1. Special circumstances and conditions exist on the property which make strict compliance with the regulations inappropriate:
 - There are shallow seasons/ high groundwater elevations which require the use of a concrete septic tank to prevent uplifting; and
 - There is no alternative location to install a septic tank or leach line which meets sizing and setback requirements without seriously damaging the existing building structure and/or wastewater system due to inadequate access; and
 - Eastcoot creek runs through the northerly portion of the property; and
 - The three (3) foot reduction to the dispersal field setback is necessary due to limited available area on the property; and
2. The variances are necessary for the preservation and enjoyment of a substantial property right:
 - Project approval allows utilization of an existing 1200-gallon septic tank and dual leach fields, which will adequately treat and dispersal wastewater for the proposed habitable space increase; and
 - Continued use of the 1200-gallon septic tank and dual leach fields removes construction activities associated with the wastewater system within a 100-foot to a sensitive habitable and preserves current enjoyment of the landscape features; and
 - Reuse of the wastewater system better aligns the use of the property with the owners' current interests and activities; and
 - The existing wastewater system functions properly, provides pretreatment to septic tank effluent; and
3. The variances will not result in a cumulative adverse detrimental effect on surface or ground waters:
 - The existing intermittent sand filter will pretreat septic tank effluent to mitigate loss of treatment in the fast percolating sandy soils; and
 - The macro pore space within the unsaturated sandy soils below the raised bed result in a highly permeable condition allowing for increased vertical movement of pretreated effluent into groundwater as compared to lateral movement towards Eastcoot Creek; and
4. The variances will not materially affect adversely the condition of adjacent watercourses or wetlands, the conditions of subsurface water under adjacent properties, the health or safety of persons residing or working in the neighborhood of the property, or the general health and safety of the public:
 - The design utilizes a standard intermittent sand filter (pretreatment) device which will reduce suspended solids, biological oxygen demand, and chemicals within the wastewater effluent prior to discharge to the dispersal field; and

- The variance will prevent construction related to the wastewater system within 100 feet to a sensitive habitat; and

WHEREAS, this Resolution shall become effective upon on June 22, 2020 and will be granted for a period of three (3) years or following building construction completion as submitted for review by the District for this variance application approval; and

WHEREAS, this Resolution approval shall not be construed to reduce or impede or otherwise interfere with any additional requirements which may be imposed by any law, ordinance, rule or regulation of a legally constituted authority having jurisdiction over such matters; and

WHEREAS, this Resolution represents a decision on a specific variance application based upon a unique set of circumstances and conditions and, thus, this decision shall not constitute a precedent and should not be interpreted to be a basis for future decisions with regard to other specific variance applications; and

WHEREAS, this Resolution applies to the acceptable operation and maintenance of the existing wastewater system as determined by District Staff during biennial monitoring and subject to condition items listed below; and

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE STINSON BEACH COUNTY WATER DISTRICT, that a variance request to the requirements of the Stinson Beach County Water District Regulation Ordinance No. 2014-04, to permit an exceptions to Section 4.16.100 and 4.16.300 are hereby granted subject to the following conditions:

- Utilization of an existing septic tank with a 1200-gallon capacity; and
- Utilization of existing dual leach fields with a portion of the leach field being 97 feet to a waterbody; and
- Maximum daily wastewater discharge limit of 450 gallons and an average daily discharge of 300 gallons; and
- The total habitable space shall not exceed 2,800 ft² on the subject property; and
- Installation of water conservation plumbing fixtures, i.e., 1.6-gallon flush toilets and low-flow showerheads; and
- As applicable, installation of a District approved water back-flow prevention device (RFP); and
- Screening of all sewer roof vents or top of the septic tank inlet tee to prevent mosquito infestation of the septic tank; and

ADOPTED this 20th day of June 2020 at a duly held Board of Directors meeting by the following vote:

AYES: Baskin, Boucke, Cross, Nelsen, Zell

NOES:

ABSTAIN:

ABSENT:


Lawrence A. Baskin, Board of Directors President
Stinson Beach County Water District

ATTEST:


Ed Schmidt, Secretary to the Board/General Manager
Stinson Beach County Water District

(Seal)

STINSON BEACH COUNTY WATER DISTRICT
RESOLUTION NO. WW 2020-04

GRANTING A VARIANCE TO THE REQUIREMENTS OF THE STINSON BEACH
COUNTY WATER DISTRICT WASTEWATER TREATMENT REGULATIONS ORDINANCE
NO. 2014-04 TO UTILIZE AN ALTERNATIVE WASTEWATER SYSTEM AND REDUCE A
SITE CRITERIA SETBACK

FOR A PROPERTY LOCATED AT 1 JOAQUIN PATIO,
STINSON BEACH

WHEREAS, the Brody-Yost Family Trust (c/o Paul Brody & Daniel Yost) are the legal owners of the property located at 1 Joaquin Patio, Stinson Beach, California, Assessor's Parcel Number 195-104-20; and

WHEREAS, said owners applied for a variance to the requirements of the Stinson Beach County Water District Code Ordinance No. 2014-04, Section 4.19.010 Use of Alternative Wastewater System Designs, to utilize an alternative wastewater system, Section 4.15.100 Site Criteria - Setbacks, to reduce a dispersal field setback to a shed foundation from 6- to 2-feet; and

WHEREAS, the Board of Directors reviewed the staff report and held a hearing on said application on May 16, 2020, at which all evidence was presented and considered; and

WHEREAS, the following findings are hereby made regarding the aforementioned variance application:

1. Special circumstances and conditions exist on the property which make strict compliance with the regulations inappropriate:
 - The soils are coarse, cohesionless sands which have a fast percolation rate; and
 - There are perched seasonal high groundwater elevations at approximately 2 feet from existing grade; and
 - The project itself is not the cause of the limited available options for wastewater disposal; and
2. The variances are necessary for the preservation and enjoyment of a substantial property right:
 - Approval of this project will allow the property to sustain an improved onsite wastewater system in order to accommodate flows from the existing residence which is presently over 1,400 ft³; and
 - Owners will be able to better enjoy the use of their property by having a system which accommodates the flows of the existing habitable space; and
 - An intermittent sand filter requires significant area and the elevations of the lot would require both the sand filter and the leachfield to be significantly above grade; and
 - The property has extensive landscaping features and stonework; and
 - Use of a recirculating textile filter allows the onsite wastewater system to be at native grade and not raised and contained in large retaining walls and, therefore, allows the owner to enjoy the area of the yard for other activities, in place of large above ground boxes that would block the access for a patio and the entrance to the front door; and
 - The reduced setback to the shed foundation will not impact the wastewater treatment and disposal; and
 - Homogeneous sands have vertical flows to the reduced shed foundation setback, which will have no impact; and
 - The wastewater system better aligns the use of their property with the property owners' current interests and activities; and
 - One of the owners' substantial property rights is to improve their property; and
 - This project allows the owners to further improve their property by upgrading their existing septic system; and
 - The current wastewater system is aged, installed within high groundwater and not functioning properly nor is it sized properly for the existing square footage of the home; and
 - The current wastewater system does not provide pretreatment to protect groundwater; and
 - Improvement of the wastewater system represents preservation of the owners' substantial right to improve their property; and
3. The variances will not result in a cumulative adverse detrimental effect on surface or ground waters:

- Seasonal high groundwater and sandy soils are a natural condition which cannot be altered, but may be mitigated by installing a raised bed dispersal field with a pretreatment device to reduce organic and chemical concentrations from the septic tank effluent; and
 - The project meets Title IV (4.15.111) setback requirement of 3-feet from groundwater and 100-feet from the highwater mark of the Pacific Ocean; and
 - As such, it is presumed that 3-feet is sufficient distance from groundwater and 100-feet to the watercourse if sufficient as to avoid detrimental effect; and
 - The project proposes to utilize an NSF-40 approved textile treatment system that will provide secondary or better treatment; and
 - Therefore, the project creates no adverse detrimental effect on surface waters or groundwaters; and
4. The variances will not materially affect adversely the condition of adjacent watercourses or wetlands, the conditions of subsurface water under adjacent properties, the health or safety of persons residing or working in the neighborhood of the property, or the general health and safety of the public:
- The sandy soils of the site should remain unsaturated and have high permeability that creates vertical movement of pretreated effluent prior to the potential lateral movement towards the watercourses; and
 - The proposed system incorporates the use of a telemetry control panel, secondary pretreatment, a raised bed with coarse sand to meet the setback to groundwater and the necessary audio alarms for possible pump malfunction ensure proper and safe operation of the alternative system; and

WHEREAS, the variances shall become effective upon granting of a "Design Approval Permit" which will be granted for a period of six (6) months; and

WHEREAS, issuance of a wastewater system Design Approval Permit shall not be construed to reduce or impede or otherwise interfere with any additional requirements which may be imposed by any law, ordinance, rule or regulation of a legally constituted authority having jurisdiction over such matters; and

WHEREAS, this Resolution represents a decision on a specific variance application based upon a unique set of circumstances and conditions and, thus, this decision shall not constitute a precedent and should not be interpreted to be a basis for future decisions with regard to other specific variance applications; and

WHEREAS, this Resolution applies to the wastewater system design plan prepared by Eckman Environmental and subject to condition items listed below and design modifications approved by the District Engineer; and

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE STINSON BEACH COUNTY WATER DISTRICT, that variance requests to the requirements of the Stinson Beach County Water District Regulation Ordinance No. 2014-04, to permit an exception to Sections 4.15.100 and 4.18.010 are hereby granted subject to the following conditions:

- a. Installation of the alternative wastewater system as indicated in the Eckman Environmental plans received on March 16, 2020; and
- b. The maximum and average daily wastewater loading rate shall be 300 and 200 gallons, respectively; and
- c. The total habitable space shall not exceed 1900 ft² on the subject property; and
- d. Installation of water conservation plumbing fixtures, i.e., 1.8-gallon flush toilets and low-flow showerheads; and
- e. All sewer roof vents shall be screened, or the septic tank inlet tee top shall be screened to prevent mosquito infestation; and
- f. Installation of a District approved water system backflow device (RPP type); and
- g. Following the issuance of a Discharge Permit, one (1) wastewater inspections shall be conducted by District staff for the 1st year of operation with subsequent inspection frequency to be determined; and
- h. The current property owner shall submit to the District the name, address, e-mail, license number or certification of a service provider who will receive and respond to telemetry alerts; and

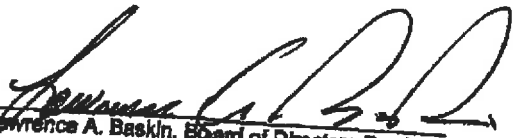
ADOPTED this 16th day of May 2020 at a duly held Board of Directors meeting by the following vote:

AYES: Baskin, Boucke, Cross, Neisen, Zell


NOES:

ABSTAIN:

ABSENT:


Lawrence A. Baskin, Board of Directors President
Stinson Beach County Water District

ATTEST:


Ed Schmidt, Secretary to the Board/General Manager
Stinson Beach County Water District

(Seal)

STINSON BEACH COUNTY WATER DISTRICT
RESOLUTION NO. WW 2020-02

GRANTING A VARIANCE TO THE REQUIREMENTS OF THE STINSON BEACH
COUNTY WATER DISTRICT WASTEWATER TREATMENT REGULATIONS ORDINANCE
NO. 2014-04 TO REDUCE A SETBACK REQUIREMENT AND TO UTILIZE AN
ALTERNATIVE WASTEWATER SYSTEM

FOR PROPERTY LOCATED AT 288 SEADRIFT ROAD,
STINSON BEACH

WHEREAS, Robbins Trust (c/o: Nancy and Richard Robbins) are the legal owner for the property located at 288 Seadrift Road, Stinson Beach, California, Assessor's Parcel Number 195-320-15; and

WHEREAS, said owners applied for variance requests to the requirements of the Stinson Beach County Water District Code Ordinance No. 2014-04, Section 4.15.100 Site Criteria – Setbacks, to allow installation of a pretreatment device over a dispersal field, Section 4.19.010 Use of Alternative Wastewater System Designs, to utilize an alternative wastewater system; and

WHEREAS, the Board of Directors reviewed the reports of District Staff and held a hearing on said application on April 18, 2020, at which all evidence was presented and considered; and

WHEREAS, the following findings are hereby made regarding the aforementioned variance application:

1. Special circumstances and conditions exist on the property which make strict compliance with the regulations inappropriate:
 - The proposed residence of less than 2,800 square feet of conditioned space will replace the older smaller home. Due to the competition for space needed to satisfy all of the overlapping regulation and due to the chosen design of the residence, it is necessary to request a variance for the use of an Advantex AX20 pretreatment unit. The use of the Advantex pretreatment unit is smaller than the tier sand filter but produces similar if not better-quality effluent. The proposed raised bed dispersal/Advantex system follows all of the code sections, excepting Variances to Section 4.19.010 Use of an Alternative Wastewater System Designs and Section 4.15.100 Site Criteria – Setbacks. The Advantex has not yet been elevated to a regular system. The proposed system appears to be the best system available for the soil conditions at the property and also requires the least amount of variances to the wastewater regulations; and
 - Highly permeable sandy soils with high seasonal groundwater elevations exist on the property; and
 - There is a small area available in the northerly portion of property adjacent to the Seadrift right-of-way for a wastewater system per building restrictions from the Seadrift Associations and site criteria setbacks to sensitive habit areas; and
2. The variances are necessary for the preservation and enjoyment of a substantial property right:
 - The proposed variance for an Advantex pretreatment unit are relatively routine and allow the configuration of the septic system to fit well with the best location of the other improvements and uses on the site. Because the Advantex pre-treatment unit is often used in the community, the variance for its use is necessary for the property owners to enjoy similar privileges enjoyed by others in the area; and
 - The variances will allow construction of a new single-family residential home of sufficient size and dimension approved by the owner with an alternative wastewater system; and
 - The alternative wastewater system has a smaller footprint which results in less setback variance requests than a standard system of similar treatment and dispersal capacity; and
3. The variances will not result in a cumulative adverse, detrimental effect on surface or ground waters:
 - These raised bed/Advantex pre-treatment systems have been in use throughout the district and have a very good track record. Their effectiveness for sewage treatment is equal or better than the district's standard Intermittent sand filter. The Advantex has been chosen for this property for its ability to treat the wastewater while using much less space on the property. The level of treatment is equal or better than the standard sand filter and will result in no additional impacts on surface or groundwater. In addition, the raised bed dispersal beds allow further treatment from the soil before potentially merging with

groundwater resulting in a very clean effluent.

- The alternative system meets surface and groundwater setback criteria; and
 - The alternative system includes pretreatment/filtration of wastewater effluent which reduces the daily nutrient, suspended solids, and biological oxygen demand as compared with the existing single field gravity system; and
4. The variance will not materially affect adversely the condition of adjacent watercourses or wetlands, the conditions of subsurface water under adjacent properties, the health or safety of persons residing or working in the neighborhood of the property, or the general health and safety of the public:
- While it cannot meet all of the Stinson Beach wastewater regulations, this system is considered among the best for areas with sandy soils and high ground water. The proposed system appears to be one of the best systems for the property and should treat the effluent to a high degree. No adverse conditions of surface, ground water, or health and safety concerns for the neighborhood should be expected; and
 - There are no water bodies or courses within 100 feet of the septic system; and
 - The wastewater system includes the use of an alternative type recirculating textile filter to reduce suspended solids, biological oxygen demand, and chemicals within the wastewater effluent prior to discharge to the dispersal field; and
 - The system design incorporates a new telemetry control panel for continuous pump operation and alarm monitoring following construction; and

WHEREAS, these variances shall become effective upon granting of a "Design Approval Permit" which will be granted for a period of three (3) years; and

WHEREAS, issuance of a wastewater system Design Approval Permit does not determine the issuance of a building permit. Wastewater system approval shall not be construed to reduce or impede or otherwise interfere with any additional requirements that may be imposed by any law, ordinance, rule or regulation of a legally constituted authority having jurisdiction over such matters; and

WHEREAS, this Resolution represents a decision on a specific variance application based upon a unique set of circumstances and conditions and, thus, this decision shall not constitute a precedent and should not be interpreted to be a basis for future decisions with regard to other specific variance applications; and

WHEREAS, this Resolution applies to the On-Site Wastewater System prepared by AYS Engineering and subject to condition items listed below and design modifications approved by the District Engineer during construction for a single-family residence with up to 2,800 ft² of habitable space on the subject property; and

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE STINSON BEACH COUNTY WATER DISTRICT, that a variance to the requirements of the Stinson Beach County Water District Regulation Ordinance No. 2014-04, to permit exceptions to Section 4.15.100 and 4.19.010 are hereby granted subject to the following conditions:

- a. Installation of a wastewater system with a maximum daily discharge of 450 gallons and an average daily discharge of 300 gallons as shown in the design plans prepared by AYS Engineering; and
- b. Elimination of a 5-foot setback from a pretreatment device to a dispersal field; and
- c. Habitable space on the subject property shall not exceed 2,800 ft²; and
- d. Installation of water conservation plumbing fixtures, i.e., 1.6-gallon flush toilets and low-flow showerheads; and
- e. One (1) inspection of the septic system for the 1st year, with subsequent inspection frequency to be determined by District staff; and
- f. Screening of all sewer roof vents to prevent mosquito infestation of the septic tank; and
- g. The property owner shall submit to the District the name, address, e-mail, license number or certification of a service provider who will receive and respond to telemetry alerts; and

ADOPTED this 18th day of April 2020 at a duly held Board of Directors meeting by the following vote:

AYES: Baskin, Cross, Nelsen, Zell

NOES:

ABSTAIN: Boucke,

ABSENT:

for Larry Baskin Ed Schmidt
Lawrence A. Baskin, Board of Directors President
Stinson Beach County Water District

ATTEST:

Ed Schmidt
Ed Schmidt, Secretary to the Board/General Manager
Stinson Beach County Water District

(Seal)

**STINSON BEACH COUNTY WATER DISTRICT
RESOLUTION NO. WW 2020-01**

**GRANTING A VARIANCE TO THE REQUIREMENTS OF THE STINSON BEACH
COUNTY WATER DISTRICT WASTEWATER TREATMENT REGULATIONS ORDINANCE
NO. 2014-04 TO UTILIZE AN EXISTING ALTERNATIVE WASTEWATER SYSTEM WITH
SETBACK REDUCTIONS**

**FOR PROPERTY LOCATED AT 11 ALAMEDA PATIO,
STINSON BEACH**

WHEREAS, Marian Zalian and Paula Thurber are the legal owners for the property located 11 Alameda Patio, Stinson Beach, California, Assessor's Parcel Number 195-108-08; and

WHEREAS, said owners submitted an application for variances to the requirements of the Stinson Beach County Water District Code Ordinance No. 2014-04, Section 4.15.100 Site Criteria – Setbacks, to reduce a septic & sump tank setback to a property line, Section 4.19.010 Use of Alternative Wastewater System Designs, to utilize an alternative wastewater system; and

WHEREAS, the Board of Directors reviewed the reports of District Staff and held a hearing on said application on February 15, 2020, at which all evidence was presented and considered; and

WHEREAS, the following findings are hereby made regarding the aforementioned variance application:

1. Special circumstances and conditions exist on the property which make strict compliance with the regulations inappropriate:
 - There are sandy soils with a fast percolation rate; and
 - There is seasonal high groundwater within 63-inches to existing grade; and
 - There is a limited area available for a septic system due to the small property size and 100-foot setback requirement to a waterbody; and
2. The variances are necessary for the preservation and enjoyment of a substantial property right:
 - The existing seasonal high groundwater cannot be altered due to the deep coarse, sandy soils; and
 - There is insufficient area on the property to meet site criteria setbacks; and
3. The variances, if granted, will not result in a cumulative adverse detrimental effect on surface or ground waters:
 - The wastewater system design incorporates an alternative type recirculating textile filter to mitigate for loss of treatment due to the existing site conditions (seasonal high groundwater and sandy soils); and
4. The variances will not materially affect adversely the condition of adjacent watercourses or wetlands, the conditions of subsurface water under adjacent properties, the health or safety of persons residing or working in the neighborhood of the property, or the general health and safety of the public:
 - The wastewater system includes the use of an alternative type recirculating textile filter to reduce suspended solids, biological oxygen demand, and chemicals within the wastewater effluent prior to discharge to the dispersal field; and
 - The system design incorporates a new telemetry control panel for added reliability following construction; and

WHEREAS, adoption of this variance does not determine the ability to develop a lot, nor does it determine the issuance of a building permit. Adoption of this variance shall not be construed to reduce or impede or otherwise interfere with any additional requirements that may be imposed by any law, ordinance, rule or regulation of a legally constituted authority having jurisdiction over such matters; and

WHEREAS, this Resolution represents a decision on a specific variance application based upon a unique set of circumstances and conditions and, thus, this decision shall not constitute a precedent and should not be interpreted to be a basis for future decisions with regard to other specific variance applications; and

WHEREAS, this Resolution applies to the On-Site Wastewater System designed by Eckman Environmental and subject to design modifications approved by the District Engineer and listed below for a single-family residence on the subject property; and

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE STINSON BEACH COUNTY WATER DISTRICT, that variances to the requirements of the Stinson Beach County Water District Regulation Ordinance No. 2014-04, to permit exceptions to Section 4.15.100 and 4.19.010 are hereby granted subject to the following conditions:

- a. Utilization of an alternative wastewater system with a maximum daily discharge limit of 150 gallons and an average daily discharge of 100 gallons as shown in the "On-Site Wastewater System Site Plan" prepared by Eckman Environmental; and
- b. Utilization of an existing septic and sump tank 1-foot from the adjacent property line; and
- c. Future increase of habitable space shall require a new variance application subject to the most current Title IV regulations; and
- d. Installation of water conservation plumbing fixtures, i.e., 1.6-gallon flush toilets and low-flow showerheads; and
- e. Installation of a water system backflow prevention device (RPP Type) as approved by the District; and
- f. Quarterly inspection of the septic system for the 1st year, with subsequent inspection frequency to be determined by District staff; and
- g. Screening of all sewer roof vents to prevent mosquito infestation of the septic tank; and
- h. As requested by District staff, the property owner shall submit the name, address, e-mail, license number or certification of a qualified service provider who will receive and respond to telemetry alerts; and

ADOPTED this 15th day of February 2020 at a duly held Board of Directors meeting by the following vote:

AYES: Boucke, Cross, Nelsen, Zell

NOES:

ABSTAIN:

ABSENT: Baskin



Sandra Cross, Board of Directors Vice President
Stinson Beach County Water District

ATTEST:



Ed Schmidt, Secretary to the Board/General Manager
Stinson Beach County Water District

(Seal)

STINSON BEACH COUNTY WATER DISTRICT
RESOLUTION NO. WW 2019-20

GRANTING VARIANCES TO THE REQUIREMENTS OF THE STINSON BEACH COUNTY
WATER DISTRICT WASTEWATER TREATMENT REGULATIONS ORDINANCE NO.
2014-04 TO UTILIZE AN ALTERNATIVE WASTEWATER SYSTEM

FOR A PROPERTY LOCATED AT 182 SEADRIFT ROAD,
STINSON BEACH

WHEREAS, James and Cecilla Herbert are the legal owners of the property located at 182 Seadrift Road, Stinson Beach, California, Assessor's Parcel Number 195-031-06; and

WHEREAS, said owners applied for a variance to the requirements of the Stinson Beach County Water District Code Ordinance No. 2014-04, Section 4.19.010 Use of Alternative Wastewater System Designs, to utilize an alternative wastewater system; and

WHEREAS, the Board of Directors reviewed the staff report and held a hearing on said application on December 21, 2019, at which all evidence was presented and considered; and

WHEREAS, the following findings are hereby made regarding the aforementioned variance application:

1. Special circumstances and conditions exist on the property which make strict compliance with the regulations inappropriate:
 - There are shallow seasonal high groundwater elevations; and
 - There are sandy soils with a fast percolation rate; and
2. The variance is necessary for the preservation and enjoyment of a substantial property right:
 - Seasonal high groundwater and sandy soils are a natural condition which cannot be altered, but may be mitigated by installing a raised bed dispersal field with an alternative pretreatment device to reduce organic and chemical concentrations from the septic tank effluent and to allow for the proposed building and site improvements; and
3. The variance, if granted, will not result in a cumulative adverse detrimental effect on surface or ground waters:
 - The design meets horizontal and vertical setback requirements to surface and ground waters; and
4. The variance will not materially affect adversely the condition of adjacent watercourses or wetlands, the conditions of subsurface water under adjacent properties, the health or safety of persons residing or working in the neighborhood of the property, or the general health and safety of the public:
 - The design incorporates an alternate pretreatment device which is National Sanitation Foundation (NSF) approved; and
 - The design incorporates continuous telemetry monitoring of the discharge and recirculation pump operations and alarms; and

WHEREAS, the variance shall become effective upon granting of a "Design Approval Permit" which will be granted for a period of three (3) years; and

WHEREAS, issuance of a wastewater system Design Approval Permit shall not be construed to reduce or impede or otherwise interfere with any additional requirements which may be imposed by any law, ordinance, rule or regulation of a legally constituted authority having jurisdiction over such matters; and

WHEREAS, this Resolution represents a decision on a specific variance application based upon a unique set of circumstances and conditions and, thus, this decision shall not constitute a precedent and should not be interpreted to be a basis for future decisions with regard to other specific variance applications; and
WHEREAS, this Resolution applies to the wastewater system design plan prepared by AYS Engineering received on October 21, 2019 and subject to condition items listed below and design modifications approved by the District Engineer; and

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE STINSON BEACH COUNTY WATER DISTRICT, that a variance request to the requirements of the Stinson Beach County Water District Regulation Ordinance No. 2014-04, to permit an exception to Section 4.19.010 is hereby granted subject to the following conditions:

- a. Installation of an alternative wastewater system as indicated by AYS Engineering design plans received on October 21, 2019; and
- b. Maximum daily wastewater discharge limit of 600 gallons and an average daily discharge of 400 gallons; and
- c. Total habitable space for single-family residences shall not exceed 3,300 ft²; and
- d. Installation of water conservation plumbing fixtures, i.e., 1.6-gallon flush toilets and low-flow showerheads; and
- e. Installation of a District approved water back-flow prevention device (RPP); and
- f. Screening of all sewer roof vents or septic tank inlet tea to prevent mosquito infestation of the septic tank; and
- g. As requested by District staff, the property owner shall submit the name, address, e-mail, license number or certification of a qualified service provider who will receive and respond to telemetry alerts; and
- h. Following the issuance of the Discharge Permit, District staff shall perform one (1) inspection within 12-months of the wastewater system construction completion, with subsequent inspection frequency to be determined by District staff; and


ADOPTED this 21st day of December 2019 at a duly held Board of Directors meeting by the following vote:

AYES: Baskin, Cross, Nelsen

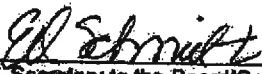
NOES:

ABSTAIN:

ABSENT: Boucke, Zell


Lawrence A. Baskin, Board of Directors President
Stinson Beach County Water District

ATTEST:


Ed Schmidt, Secretary to the Board/General Manager
Stinson Beach County Water District

(Seal)

**STINSON BEACH COUNTY WATER DISTRICT
RESOLUTION NO. WW 2019-19**

**GRANTING VARIANCES TO THE REQUIREMENTS OF THE STINSON BEACH COUNTY
WATER DISTRICT WASTEWATER TREATMENT REGULATIONS ORDINANCE NO. 2014-
04 TO UTILIZE AN ALTERNATIVE WASTEWATER SYSTEM**

**FOR A PROPERTY LOCATED AT 180 SEADRIFT ROAD,
STINSON BEACH**

WHEREAS, James and Cecilia Herbert are the legal owners of the property located at 180 Seadrift Road, Stinson Beach, California, Assessor's Parcel Number 195-031-09; and

WHEREAS, said owners applied for a variance to the requirements of the Stinson Beach County Water District Code Ordinance No. 2014-04, Section 4.19.010 Use of Alternative Wastewater System Designs, to utilize an alternative wastewater system; and

WHEREAS, the Board of Directors reviewed the staff report and held a hearing on said application on December 21, 2019, at which all evidence was presented and considered; and

WHEREAS, the following findings are hereby made regarding the aforementioned variance application:

1. Special circumstances and conditions exist on the property which make strict compliance with the regulations inappropriate:
 - There are shallow seasonal high groundwater elevations; and
 - There are sandy soils with a fast percolation rate; and
2. The variance is necessary for the preservation and enjoyment of a substantial property right:
 - Seasonal high groundwater and sandy soils are a natural condition which cannot be altered, but may be mitigated by installing a raised bed dispersal field with an alternative pretreatment device to reduce organic and chemical concentrations from the septic tank effluent and to allow for the proposed building and site improvements; and
3. The variance, if granted, will not result in a cumulative adverse detrimental effect on surface or ground waters:
 - The design meets horizontal and vertical setback requirements to surface and ground waters; and
4. The variance will not materially affect adversely the condition of adjacent watercourses or wetlands, the conditions of subsurface water under adjacent properties, the health or safety of persons residing or working in the neighborhood of the property, or the general health and safety of the public:
 - The design incorporates an alternate pretreatment device which is National Sanitation Foundation (NSF) approved; and
 - The design incorporates continuous telemetry monitoring of the discharge and recirculation pump operations and alarms; and

WHEREAS, the variance shall become effective upon granting of a "Design Approval Permit" which will be granted for a period of three (3) years; and

WHEREAS, issuance of a wastewater system Design Approval Permit shall not be construed to reduce or impede or otherwise interfere with any additional requirements which may be imposed by any law, ordinance, rule or regulation of a legally constituted authority having jurisdiction over such matters; and

WHEREAS, this Resolution represents a decision on a specific variance application based upon a unique set of circumstances and conditions and, thus, this decision shall not constitute a precedent and should not be interpreted to be a basis for future decisions with regard to other specific variance applications; and
WHEREAS, this Resolution applies to the wastewater system design plan prepared by AYS Engineering received on October 21, 2019 and subject to condition items listed below and design modifications approved by the District Engineer; and

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE STINSON BEACH COUNTY WATER DISTRICT, that a variance request to the requirements of the Stinson Beach County Water District Regulation Ordinance No. 2014-04, to permit an exception to Section 4.19.010 is hereby granted subject to the following conditions:

- a. Installation of an alternative wastewater system as indicated by AYS Engineering design plans received on October 21, 2019; and
- b. Maximum daily wastewater discharge limit of 600 gallons and an average daily discharge of 400 gallons; and
- c. Total habitable space for single-family residences shall not exceed 3,300 ft²; and
- d. Installation of water conservation plumbing fixtures, i.e., 1.6-gallon flush toilets and low-flow showerheads; and
- e. Installation of a District-approved water back-flow prevention device (RPP); and
- f. Screening of all sewer roof vents or septic tank inlet tee to prevent mosquito infestation of the septic tank; and
- g. As requested by District staff, the property owner shall submit the name, address, e-mail, license number or certification of a qualified service provider who will receive and respond to telemetry alerts; and
- h. Following the issuance of the Discharge Permit, District staff shall perform one (1) inspection within 12-months of the wastewater system construction completion, with subsequent inspection frequency to be determined by District staff; and


ADOPTED this 21st day of December 2019 at a duly held Board of Directors meeting by the following vote:

AYES: Baskin, Cross, Nelsen


NOES:

ABSTAIN:

ABSENT: Boucke, Zell


Lawrence A. Baskin, Board of Directors President
Stinson Beach County Water District

ATTEST:


Ed Schmidt, Secretary to the Board/General Manager
Stinson Beach County Water District

(Seal)

**STINSON BEACH COUNTY WATER DISTRICT
RESOLUTION NO. WW 2019-18**

**GRANTING A VARIANCE TO THE REQUIREMENTS OF THE STINSON BEACH
COUNTY WATER DISTRICT WASTEWATER TREATMENT REGULATIONS ORDINANCE
NO. 2014-04 TO UTILIZE AN ALTERNATIVE WASTEWATER SYSTEM AND TO REDUCE
A SETBACK REQUIREMENT**

**FOR A PROPERTY LOCATED AT 149 SEADRIFT ROAD,
STINSON BEACH**

WHEREAS, Maria Miller and David Kremer are the legal owners of the property located at 149 Seadrift Road, Stinson Beach, California, Assessor's Parcel Number 195-041-28; and

WHEREAS, said owners applied for variances to the requirements of the Stinson Beach County Water District Code Ordinance No. 2014-04, Section 4.15.100 Site Criteria - Setbacks, to reduce a waterbody setback to the new dispersal field from 100-feet to 90-feet, Section 4.19.010, to utilize an alternative wastewater system; and

WHEREAS, the Board of Directors reviewed the staff report and held a hearing on said application on November 16, 2019, at which all evidence was presented and considered; and

WHEREAS, the following findings are hereby made regarding the aforementioned variance application:

1. Special circumstances and conditions exist on the property which make strict compliance with the regulations inappropriate:
 - There are shallow seasonal high groundwater elevations; and
 - There are sandy soils with a fast percolation rate; and
 - There is approximately 103-feet of separation on the subject property between the Seadrift Lagoon and Right-of-Way; and
2. The variances are necessary for the preservation and enjoyment of a substantial property right:
 - Seasonal high groundwater, sandy soils, and lagoon are a natural condition which cannot be altered, but may be mitigated by installing a raised bed dispersal field with an alternative pretreatment device to reduce organic and chemical concentrations from the septic tank effluent and to allow for the proposed building and site improvements; and
 - The variances will allow the addition of a new building contingent on the issuance of a Building Permit by Marin County; and
3. The variances, if granted, will not result in a cumulative adverse detrimental effect on surface or ground waters:
 - The alternative system is designed to pretreatment and disinfected wastewater prior to dispersal into the shallow soils; and
 - The alternative system incorporates a raised bed to meet the 3-foot vertical separation to season high groundwater; and
4. The variances will not materially affect adversely the condition of adjacent watercourses or wetlands, the conditions of subsurface water under adjacent properties, the health or safety of persons residing or working in the neighborhood of the property, or the general health and safety of the public:
 - The recirculating sand filter pretreatment unit is designed to treat wastewater effluent by reducing suspended solids, phosphorus, nitrogen and carbonaceous biological oxygen demand; and

WHEREAS, the variance shall become effective upon granting of a "Design Approval Permit" which will be granted for a period of three (3) years; and

WHEREAS, issuance of a wastewater system Design Approval Permit shall not be construed to reduce or impede or otherwise interfere with any additional requirements which may be imposed by any law, ordinance, rule or regulation of a legally constituted authority having jurisdiction over such matters; and

WHEREAS, this Resolution represents a decision on a specific variance application based upon a unique set of circumstances and conditions and, thus, this decision shall not constitute a precedent and should not be interpreted to be a basis for future decisions with regard to other specific variance applications; and

WHEREAS, this Resolution applies to the wastewater system design plan prepared by Eckman Environmental received on November 12, 2019 and subject to design modifications approved by the District Engineer and listed below; and

WHEREAS, no existing or additional auxiliary structures may be used as habitable space and no additional habitable space beyond the 1,900 ft² herein provided for shall be allowed unless through a new design and variance application approved by the Board of Directors; and

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE STINSON BEACH COUNTY WATER DISTRICT, that variance requests to the requirements of the Stinson Beach County Water District Regulation Ordinance No. 2014-04, to permit exceptions to Section 4.15.100 and 4.19.010 is hereby granted subject to the following conditions:

- a. installation of an alternative wastewater system as indicated by Eckman Environmental design plans received on November 12, 2019; and
- b. Reduction of a waterbody setback to a dispersal field from 100 feet to 90 feet; and
- c. Maximum dely wastewater discharge limit of 300 gallons and an average daily discharge of 200 gallons; and
- d. Total habitable space for single-family residences shall not exceed 1,900 ft²; and
- e. Installation of water conservation plumbing fixtures, i.e., 1.6-gallon flush toilets and low-flow showerheads; and
- f. Installation of a District approved water back-flow prevention device (RPP); and
- g. As applicable, relocate the water main per District specifications to provide a 10-foot minimum separation; and
- h. Screening of all sewer roof vents or top of the septic tank inlet tee to prevent mosquito infestation of the septic tank; and
- i. As requested by District staff, the property owner shall submit the name, address, e-mail, license number or certification of a qualified service provider who will receive and respond to telemetry alerts; and
- j. Following the issuance of the Discharge Permit, District staff shall perform one (1) inspection within 12-months of the wastewater system construction completion, with subsequent inspection frequency to be determined by District staff; and

ADOPTED this 16th day of November 2019 at a duly held Board of Directors meeting by the following vote:

AYES: Baskin, Boucke, Cross, Nelsen, Zell


NOES:

ABSTAIN:

ABSENT:


Barbara Boucke, Board of Directors President
Stinson Beach County Water District

ATTEST:


Ed Schmidt, Secretary to the Board/General Manager
Stinson Beach County Water District

(Seal)

STINSON BEACH COUNTY WATER DISTRICT
RESOLUTION NO. WW 2019-17

GRANTING A VARIANCE TO THE REQUIREMENTS OF THE STINSON BEACH
COUNTY WATER DISTRICT WASTEWATER TREATMENT REGULATIONS ORDINANCE
NO. 2014-04 TO UTILIZE AN ALTERNATIVE WASTEWATER SYSTEM AND UTILIZE AN
UNDERSIZED DISPERSAL FIELD AND REDUCTION IN SETBACK REQUIREMENTS

FOR A PROPERTY LOCATED AT 2 MARINE WAY,
STINSON BEACH

WHEREAS, Andrew and Wendy Donner are the legal owners of the property located at 2 Marine Way, Stinson Beach, California, Assessor's Parcel Number 195-221-03; and

WHEREAS, said owners applied for a variance to the requirements of the Stinson Beach County Water District Code Ordinance No. 2014-04, Section 4.15.100 Site Criteria – Setbacks, to reduce a dispersal field setback from a waterbody from 100 to 90-feet, Section 4.15.910 Site Criteria, to reduce a dispersal field and tank setback from a property line from 5 to 1-foot and to reduce a dispersal field and tank setback from a building from 5 to 1-foot, Section 4.19.010 Use of Alternative Wastewater System Designs, to utilize an alternative wastewater system, Section 4.19.040 Site Criteria – Use of Blowers, to reduce a blower setback from a property line from 10 to 1-foot, Section 4.19.150 Drip Irrigation/Drip Dispersal Field Design Standards, to reduce the required dispersal area from 300% to 140%; and

WHEREAS, the Board of Directors reviewed the staff report and held a hearing on said application on November 16, 2019, at which all evidence was presented and considered; and

WHEREAS, the following findings are hereby made regarding the aforementioned variance application:

1. Conditions existing on the property which prevent the repair or the construction of a replacement system pursuant to a design which conforms to this code:
 - There are shallow seasonal high groundwater elevations; and
 - There are sandy loam soils with a fast percolation rate; and
 - The subject property is small with a relatively large residence; and
 - There is an existing creek with 100-feet of the subject property; and
2. The conditions referred to in number one above are natural conditions, which cannot be altered such as depth to groundwater or are conditions which could not reasonably be modified such as insufficient space on the parcel which could only be corrected by significantly altering a building which was constructed pursuant to a permit issued by the County of Marin:
 - Seasonal high groundwater and sandy soils are a natural condition which cannot be altered, but may be mitigated by installing a shallow drip dispersal field with a pretreatment device to reduce organic and chemical concentrations from the septic tank effluent; and
 - The proposed dispersal field is located in an area furthest from the existing creek; and
3. The design represents the least deviation from the design standards reasonably possible:
 - The design utilizes treatment and dispersal components with a history of acceptable performance in Stinson Beach when properly operated and maintained; and
4. The design incorporates measures to mitigate possible reduced effectiveness of treatment using alternative systems or other measures as approved by the Board:
 - The design utilizes an aerobic treatment (pretreatment) device which will reduce suspended solids, biological oxygen demand, and chemicals within the wastewater effluent prior to discharge to the dispersal field; and

WHEREAS, the variance shall become effective upon granting of a "Design Approval Permit" which will be granted for a period of three (3) years; and

WHEREAS, issuance of a wastewater system Design Approval Permit shall not be construed to reduce or impede or otherwise interfere with any additional requirements which may be imposed by any law, ordinance, rule or regulation of a legally constituted authority having jurisdiction over such matters; and

WHEREAS, this Resolution represents a decision on a specific variance application based upon a unique set of circumstances and conditions and, thus, this decision shall not constitute a precedent and should not be interpreted to be a basis for future decisions with regard to other specific variance applications; and

WHEREAS, this Resolution applies to the wastewater system design plan prepared by Eckman Environmental and subject to condition items listed below and design modifications approved by the District Engineer; and

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE STINSON BEACH COUNTY WATER DISTRICT, that a variance request to the requirements of the Stinson Beach County Water District Regulation Ordinance No. 2014-04, to permit an exception to Section 4.19.010 is hereby granted subject to the following conditions:

- a. Installation of an alternative wastewater system with an undersized dispersal field as shown in the Eckman Environmental design plans received by the District on October 28, 2019; and
- b. Installation of a drip dispersal field and tank 1-foot to a property line, building; and
- c. Installation of a drip dispersal field 90 feet to an existing waterbody; and
- d. Installation of a blower with District approved sound proofing, 1-foot to a property line; and
- e. Future increase of habitable space shall require a new variance application subject to Title IV regulations in effect at the time of the application; and
- f. Maximum daily wastewater discharge limit of 300 gallons and an average daily discharge of 200 gallons; and
- g. Installation of water conservation plumbing fixtures, i.e., 1.6-gallon flush toilets and low-flow showerheads; and
- h. As applicable, relocate the water main per District specifications to provide a 10-foot minimum separation; and
- i. Screening of all sewer roof vents or top of the septic tank inlet tee to prevent mosquito infestation of the septic tank; and
- j. Following the issuance of the Discharge Permit, District staff shall perform quarterly (4) inspection within 12-months of the wastewater system construction completion, with subsequent inspection frequency to be determined by District staff; and

ADOPTED this 16th day of November 2019 at a duly held Board of Directors meeting by the following vote:

AYES: Baskin, Boucke, Cross, Nelsen, Zell

NOES:

ABSTAIN:

ABSENT:


Barbara Boucke, Board of Directors President
Stinson Beach County Water District

ATTEST:


Ed Schmidt, Secretary to the Board/General Manager
Stinson Beach County Water District

(Seal)

STINSON BEACH COUNTY WATER DISTRICT
RESOLUTION NO. WW 2019-16

GRANTING A VARIANCE TO THE REQUIREMENTS OF THE STINSON BEACH
COUNTY WATER DISTRICT WASTEWATER TREATMENT REGULATIONS ORDINANCE
NO. 2014-04 TO UTILIZE AN ALTERNATIVE WASTEWATER SYSTEM

FOR A PROPERTY LOCATED AT 302 SEADRIFT ROAD,
STINSON BEACH

WHEREAS, Edward and Patricia Cluss are the legal owners of the property located at 302 Seadrift Road, Stinson Beach, California, Assessor's Parcel Number 195-320-08; and

WHEREAS, said owners applied for a variance to the requirements of the Stinson Beach County Water District Code Ordinance No. 2014-04, Section 4.19.010 Use of Alternative Wastewater System Designs, to utilize an alternative wastewater system; and

WHEREAS, the Board of Directors reviewed the staff report and held a hearing on said application on October 19, 2019, at which all evidence was presented and considered; and

WHEREAS, the following findings are hereby made regarding the aforementioned variance application:

1. Conditions existing on the property which prevent the repair or the construction of a replacement system pursuant to a design which conforms to this code:
 - There are shallow seasonal high groundwater elevations; and
 - There are sandy soils with a fast percolation rate; and
2. The conditions referred to in number one above are natural conditions, which cannot be altered such as depth to groundwater or are conditions which could not reasonably be modified such as insufficient space on the parcel which could only be corrected by significantly altering a building which was constructed pursuant to a permit issued by the County of Marin:
 - Seasonal high groundwater and sandy soils are a natural condition which cannot be altered, but may be mitigated by installing a raised bed dispersal field with an intermittent sand filter pretreatment device to reduce organic and chemical concentrations from the septic tank effluent; and
 - The macropore space within the unsaturated sandy soils below the raised bed result in a highly permeable condition allowing for increased vertical movement of pretreated effluent into groundwater as compared to lateral movement towards the intermittent sand filter
3. The design represents the least deviation from the design standards reasonably possible:
 - The design meets horizontal and vertical setback requirements to surface and ground waters; and
4. The design incorporates measures to mitigate possible reduced effectiveness of treatment using alternative systems or other measures as approved by the Board:
 - The design utilizes a recirculating sand filter (pretreatment) device which will reduce suspended solids, biological oxygen demand, and chemicals within the wastewater effluent prior to discharge to the dispersal field; and

WHEREAS, the variance shall become effective upon granting of a "Design Approval Permit" which will be granted for a period of three (3) years; and

WHEREAS, issuance of a wastewater system Design Approval Permit shall not be construed to reduce or impede or otherwise interfere with any additional requirements which may be imposed by any law, ordinance, rule or regulation of a legally constituted authority having jurisdiction over such matters; and

WHEREAS, this Resolution represents a decision on a specific variance application based upon a unique set of circumstances and conditions and, thus, this decision shall not constitute a precedent and should not be interpreted to be a basis for future decisions with regard to other specific variance applications; and

WHEREAS, this Resolution applies to the wastewater system design plan prepared by Eckman Environmental and subject to condition items listed below and design modifications approved by the District Engineer; and

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE STINSON BEACH COUNTY WATER DISTRICT, that a variance request to the requirements of the Stinson Beach County Water District Regulation Ordinance No. 2014-04, to permit an exception to Section 4.19.010 is hereby granted subject to the following conditions:

- a. Installation of an alternative wastewater system as shown in the Eckman Environmental design plans received by the District on August 12, 2019; and
- b. Future increase of habitable space shall require a new variance application subject to Title IV regulations in effect at the time of the application; and
- c. Maximum daily wastewater discharge limit of 300 gallons and an average daily discharge of 200 gallons; and
- d. Installation of water conservation plumbing fixtures, i.e., 1.6-gallon flush toilets and low-flow showerheads; and
- e. Screening of all sewer roof vents or top of the septic tank inlet tee to prevent mosquito infestation of the septic tank; and
- f. Following the issuance of the Discharge Permit, District staff shall perform one (1) inspection within 12-months of the wastewater system construction completion, with subsequent inspection frequency to be determined by District staff; and

ADOPTED this 19th day of October 2019 at a duly held Board of Directors meeting by the following vote:

AYES: Baskin, Boucke, Cross, Nelsen, Zell

NOES:

ABSTAIN:

ABSENT:


Barbara Boucke, Board of Directors President
Stinson Beach County Water District

ATTEST:


Ed Schmidt, Secretary to the Board/General Manager
Stinson Beach County Water District

(Seal)

STINSON BEACH COUNTY WATER DISTRICT
RESOLUTION NO. WW 2019-15

GRANTING A VARIANCE TO THE REQUIREMENTS OF THE STINSON BEACH
COUNTY WATER DISTRICT WASTEWATER TREATMENT REGULATIONS ORDINANCE
NO. 2014-04 TO UTILIZE AN ALTERNATIVE WASTEWATER SYSTEM AND TO REDUCE
A SETBACK REQUIREMENT

FOR A PROPERTY LOCATED AT 7 FRANCISCO PATIO,
STINSON BEACH

WHEREAS, Dixon-Tananbaum Family Trust (c/o Melanie A. Dixon, Trustee and Greg Tananbaum, Trustee) are the legal owners of the property located at 7 Francisco Patio, Stinson Beach, California, Assessor's Parcel Number 195-107-11; and

WHEREAS, said owners applied for variances to the requirements of the Stinson Beach County Water District Code Ordinance No. 2014-04, Section 4.15.100 Site Criteria - Setbacks, to allow parking over the dispersal fields, Section 4.19.010, to utilize an alternative wastewater system; and

WHEREAS, the Board of Directors reviewed the staff report and held a hearing on said application on October 19, 2019, at which all evidence was presented and considered; and

WHEREAS, the following findings are hereby made regarding the aforementioned variance application:

1. **Special circumstances and conditions exist on the property which make strict compliance with the regulations inappropriate:**
 - There are shallow seasonal high groundwater elevations; and
 - There are sandy soils with a fast percolation rate; and
 - The subject property is small (3,800 ft²) with a narrow property frontage to Francisco Patio; and
2. **The variances are necessary for the preservation and enjoyment of a substantial property right:**
 - Seasonal high groundwater and sandy soils are a natural condition which cannot be altered, but may be mitigated by installing a raised bed dispersal field with an alternative pretreatment device to reduce organic and chemical concentrations from the septic tank effluent and to allow for the proposed building and site improvements; and
 - The variances will allow a new building contingent on the issuance of a Building Permit by Marin County; and
 - The small property size and narrow frontage requires parking over the dispersal fields; and
3. **The variances, if granted, will not result in a cumulative adverse detrimental effect on surface or ground waters:**
 - The alternative system is designed to pretreatment wastewater prior to dispersal into the shallow soils; and
 - The alternative system incorporates a raised bed to meet the 3-foot vertical separation to season high groundwater; and
 - The alternative system requires a permeable driveway surface and "breather" pipes to mitigate loss of passive air flow in the dispersal beds; and
4. **The variances will not materially affect adversely the condition of adjacent watercourses or wetlands, the conditions of subsurface water under adjacent properties, the health or safety of persons residing or working in the neighborhood of the property, or the general health and safety of the public:**
 - The design integrates an alternative pretreatment device to treat wastewater effluent from the septic tank prior to dispersal into the native soils by reducing suspended solids, phosphorus, nitrogen and carbonaceous biological oxygen demand; and
 - The design includes an alternate pretreatment device which is National Sanitation Foundation (NSF) approved; and
 - The design incorporates continuous telemetry monitoring of the discharge and recirculation pump operations and alarms; and

WHEREAS, the variances shall become effective upon granting of a "Design Approval Permit" which will be granted for a period of three (3) years; and

WHEREAS, issuance of a wastewater system Design Approval Permit shall not be construed to reduce or impede or otherwise interfere with any additional requirements which may be imposed by any law, ordinance, rule or regulation of a legally constituted authority having jurisdiction over such matters; and

WHEREAS, this Resolution represents a decision on a specific variance application based upon a unique set of circumstances and conditions and, thus, this decision shall not constitute a precedent and should not be interpreted to be a basis for future decisions with regard to other specific variance applications; and

WHEREAS, this Resolution applies to the wastewater system design plan prepared by AYS Engineering Group and subject to design modifications approved by the District Engineer and listed below; and

WHEREAS, no existing or additional auxiliary structures may be used as habitable space and no additional habitable space beyond the 1,900 ft² herein provided for shall be allowed unless through a new design and variance application approved by the Board of Directors; and

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE STINSON BEACH COUNTY WATER DISTRICT, that variance requests to the requirements of the Stinson Beach County Water District Regulation Ordinance No. 2014-04, to permit exceptions to Section 4.15.100 and 4.19.010 is hereby granted subject to the following conditions:

- a. Removal and/or abandonment of the existing septic system components as approved by District Staff; and
- b. Installation of an alternative wastewater system with a maximum daily wastewater discharge limit of 300 gallons and an average daily discharge of 200 gallons as shown in the AYS Engineering design plans received on August 19, 2019; and
- c. Eliminate a 5-foot driveway setback to allow parking over the dispersal fields; and
- d. Installation of a permeable driveway surface and a 3-inch minimum diameter perforated "breather" pipe adjacent to each distribution lateral to allow passive air flow into the dispersal fields; and
- e. Total habitable space for single-family residences shall not exceed 1,900 ft²; and
- f. Installation of water conservation plumbing fixtures, i.e., 1.6-gallon flush toilets and low-flow showerheads; and
- g. Installation of a District approved water back-flow prevention device (RPP); and
- h. Screening of all sewer roof vents or top of the septic tank inlet tee to prevent mosquito infestation of the septic tank; and
- i. As requested by District staff, the property owner shall submit the name, address, e-mail, license number or certification of a qualified service provider who will receive and respond to telemetry alerts; and
- j. Following the issuance of the Discharge Permit, District staff shall perform one (1) inspection within 12-months of the wastewater system construction completion, with subsequent inspection frequency to be determined by District staff; and

ADOPTED this 10th day of October 2019 at a duly held Board of Directors meeting by the following vote:

AYES: Boucke, Cross, Nelsen, Zell

NOES:

ABSTAIN: Baskin

ABSENT:


Barbara Boucke, Board of Directors President
Stinson Beach County Water District

ATTEST:


Ed Schmidt, Secretary to the Board/General Manager
Stinson Beach County Water District

(Seal)

**STINSON BEACH COUNTY WATER DISTRICT
RESOLUTION NO. WW 2019-14**

**GRANTING A VARIANCE TO THE REQUIREMENTS OF THE STINSON BEACH
COUNTY WATER DISTRICT WASTEWATER TREATMENT REGULATIONS ORDINANCE
NO. 2014-04 TO UTILIZE AN ALTERNATIVE WASTEWATER SYSTEM AND TO REDUCE
DOWNSLOPE PROPERTY LINE SETBACK REQUIREMENTS TO THE DISPERSAL FIELD
AND EXISTING SEPTIC TANKS**

**FOR A PROPERTY LOCATED AT 25 LINCOLN AVENUE,
STINSON BEACH**

WHEREAS, Coim Brennan is the legal owner of the property located at 25 Lincoln Avenue, Stinson Beach, California, Assessor's Parcel Number 195-174-23; and

WHEREAS, said owner applied for variances to the requirements of the Stinson Beach County Water District Code Ordinance No. 2014-04, Section 4.15.100 Site Criteria - Setbacks, to reduce the downslope property line setback to the new dispersal field and existing septic tanks, Section 4.19.010, to utilize an alternative wastewater system; and

WHEREAS, the Board of Directors reviewed the staff report and held a hearing on said application on September 21, 2019, at which all evidence was presented and considered; and

WHEREAS, the following findings are hereby made regarding the aforementioned variance application:

1. Special circumstances and conditions exist on the property which make strict compliance with the regulations inappropriate:
 - There is a limited area available for a dispersal field on the southerly/downslope portion of the subject property due to past building construction; and
 - Suitable soils within the dispersal field area are shallow and have a high rock content;
2. The variances are necessary for the preservation and enjoyment of a substantial property right:
 - The variances will allow demolition of the existing studio and construction of a new single-family residence; and
 - The variance will allow the use of a pretreatment device to mitigate the loss of wastewater treatment in the soils resulting from the high rock content; and
3. The variances, if granted, will not result in a cumulative adverse detrimental effect on surface or ground waters:
 - The existing subsurface drip dispersal field will be removed and replaced with a new field which increases the downslope property line setback from 25 to 21 feet; and
 - The alternative system is designed to pretreatment and disinfected wastewater prior to dispersal into the shallow soils; and
4. The variances will not materially affect adversely the condition of adjacent watercourses or wetlands, the conditions of subsurface water under adjacent properties, the health or safety of persons residing or working in the neighborhood of the property, or the general health and safety of the public:
 - The alternative wastewater system meets District horizontal setback regulations to watercourses and wetlands; and
 - The recirculating filter pretreatment unit is designed to treat wastewater effluent by reducing suspended solids, phosphorus, nitrogen and carbonaceous biological oxygen demand; and
 - The alternative ultraviolet disinfection unit will eradicate pathogens in wastewater effluent prior to being pumped into the dispersal field; and
 - The alternative system design includes a new telemetry control panel for added reliability following construction; and

WHEREAS, the variance shall become effective upon granting of a "Design Approval Permit" which will be granted for a period of three (3) years; and

WHEREAS, issuance of a wastewater system Design Approval Permit shall not be construed to reduce or impede or otherwise interfere with any additional requirements which may be imposed by any law, ordinance, rule or regulation of a legally constituted authority having jurisdiction over such matters; and

WHEREAS, this Resolution represents a decision on a specific variance application based upon a unique set of circumstances and conditions and, thus, this decision shall not constitute a precedent and should not be interpreted to be a basis for future decisions with regard to other specific variance applications; and

WHEREAS, this Resolution applies to the wastewater system design plan prepared by AYS Engineering received on July 8, 2019 and subject to design modifications approved by the District Engineer and listed below; and

WHEREAS, no existing or additional auxiliary structures may be used as habitable space and no additional habitable space beyond the 1,900 ft² herein provided for shall be allowed unless through a new design and variance application approved by the Board of Directors; and

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE STINSON BEACH COUNTY WATER DISTRICT, that variance requests to the requirements of the Stinson Beach County Water District Regulation Ordinance No. 2014-04, to permit an exception to Section 4.15.100 and 4.18.010 is hereby granted subject to the following conditions:

- Jan. 2, 2020 (New Design Approval Permit 1/27/20)*
- a. Installation of an alternative wastewater system as indicated by AYS Engineering design plans received on ~~July 8, 2019~~ *Jan. 2, 2020*; and
 - b. Maximum daily wastewater discharge limit of ~~260~~ *150* gallons and an average daily discharge of ~~100~~ *200* gallons; and
 - c. Total habitable space for single-family residences shall not exceed 1,900 ft²; and
 - d. Installation of water conservation plumbing fixtures, i.e., 1.6-gallon flush toilets and low-flow showerheads; and
 - e. Installation of a District approved water back-flow prevention device (RPP); and
 - f. Screening of all sewer roof vents or top of the septic tank inlet tee to prevent mosquito infestation of the septic tank; and
 - g. As requested by District staff, the property owner shall submit the name, address, e-mail, license number or certification of a qualified service provider who will receive and respond to telemetry alerts; and
 - h. Following the issuance of the Discharge Permit, District staff shall perform one (1) inspection within 12-months of the wastewater system construction completion, with subsequent inspection frequency to be determined by District staff; and

ADOPTED this 21st day of September 2019 at a duly held Board of Directors meeting by the following vote:

AYES: Baskin, Boucke, Nelsen

NOES:

ABSTAIN:

ABSENT: Cross, Zell

Barbara Boucke
Barbara Boucke, Board of Directors President
Stinson Beach County Water District

ATTEST:

Ed Schmidt
Ed Schmidt, Secretary to the Board/General Manager
Stinson Beach County Water District

(Seal)

**STINSON BEACH COUNTY WATER DISTRICT
RESOLUTION NO. WW 2019-13**

**GRANTING A VARIANCE TO THE REQUIREMENTS OF THE STINSON BEACH
COUNTY WATER DISTRICT WASTEWATER TREATMENT REGULATIONS ORDINANCE
NO. 2014-04 TO UTILIZE AN ALTERNATIVE WASTEWATER SYSTEM**

**FOR A PROPERTY LOCATED AT 218 SEADRIFT ROAD,
STINSON BEACH**

WHEREAS, Kenneth Hao is the legal owner of the property located at 218 Seadrift Road, Stinson Beach, California, Assessor's Parcel Number 195-331-07; and

WHEREAS, said owner applied for a variance to the requirements of the Stinson Beach County Water District Code Ordinance No. 2014-04, Section 4.19.010 Use of Alternative Wastewater System Designs, to utilize an alternative wastewater system; and

WHEREAS, the Board of Directors reviewed the staff report and held a hearing on said application on September 21, 2019, at which all evidence was presented and considered; and

WHEREAS, the following findings are hereby made regarding the aforementioned variance application:

1. Special circumstances and conditions exist on the property which make strict compliance with the regulations inappropriate:
 - There are shallow seasonal high groundwater elevations; and
 - There are sandy soils with a fast percolation rate; and
2. The variance is necessary for the preservation and enjoyment of a substantial property right:
 - Seasonal high groundwater and sandy soils are a natural condition which cannot be altered, but may be mitigated by installing a raised bed dispersal field with an alternative pretreatment device to reduce organic and chemical concentrations from the septic tank effluent and to allow for the proposed building and site improvements; and
3. The variance, if granted, will not result in a cumulative adverse detrimental effect on surface or ground waters:
 - The design meets horizontal and vertical setback requirements to surface and ground waters; and
4. The variance will not materially affect adversely the condition of adjacent watercourses or wetlands, the conditions of subsurface water under adjacent properties, the health or safety of persons residing or working in the neighborhood of the property, or the general health and safety of the public:
 - The design incorporates an alternate pretreatment device which is National Sanitation Foundation (NSF) approved; and
 - The design incorporates continuous telemetry monitoring of the discharge and recirculation pump operations and alarms; and

WHEREAS, the variance shall become effective upon granting of a "Design Approval Permit" which will be granted for a period of three (3) years; and

WHEREAS, issuance of a wastewater system Design Approval Permit shall not be construed to reduce or impede or otherwise interfere with any additional requirements which may be imposed by any law, ordinance, rule or regulation of a legally constituted authority having jurisdiction over such matters; and

WHEREAS, this Resolution represents a decision on a specific variance application based upon a unique set of circumstances and conditions and, thus, this decision shall not constitute a precedent and should not be interpreted to be a basis for future decisions with regard to other specific variance applications; and

WHEREAS, this Resolution applies to the wastewater system design plan prepared by AYS Engineering received on June 24, 2019 and subject to condition items listed below and design modifications approved

by the District Engineer; and

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE STINSON BEACH COUNTY WATER DISTRICT, that a variance request to the requirements of the Stinson Beach County Water District Regulation Ordinance No. 2014-04, to permit an exception to Section 4.19.010 is hereby granted subject to the following conditions:

- a. Installation of an alternative wastewater system as indicated by AYS Engineering design plans received on June 24, 2019; and
- b. Maximum daily wastewater discharge limit of 450 gallons and an average daily discharge of 300 gallons; and
- c. Total habitable space for single-family residences shall not exceed 2,800 ft²; and
- d. Installation of water conservation plumbing fixtures, i.e., 1.6-gallon flush toilets and low-flow showerheads; and
- e. Installation of a District approved water back-flow prevention device (RPP); and
- f. Screening of all sewer roof vents or top of the septic tank inlet tee to prevent mosquito infestation of the septic tank; and
- g. As requested by District staff, the property owner shall submit the name, address, e-mail, license number or certification of a qualified service provider who will receive and respond to telemetry alerts; and
- h. Following the issuance of the Discharge Permit, District staff shall perform one (1) inspection within 12-months of the wastewater system construction completion, with subsequent inspection frequency to be determined by District staff; and

ADOPTED this 21st day of September 2019 at a duly held Board of Directors meeting by the following vote:

AYES: Baskin, Boucke, Neisen


NOES:

ABSTAIN:

ABSENT: Cross, Zell


Barbara Boucke, Board of Directors President
Stinson Beach County Water District

ATTEST:


Ed Schmidt, Secretary to the Board/General Manager
Stinson Beach County Water District

(Seal)

STINSON BEACH COUNTY WATER DISTRICT
RESOLUTION NO. WW 2019-12

GRANTING A VARIANCE TO THE REQUIREMENTS OF THE STINSON BEACH
COUNTY WATER DISTRICT WASTEWATER TREATMENT REGULATIONS ORDINANCE
NO. 2014-04 TO UTILIZE AN ALTERNATIVE WASTEWATER SYSTEM

FOR A PROPERTY LOCATED AT 148 SEADRIFT ROAD,
STINSON BEACH

WHEREAS, Mid Century Seadrift Trust (c/o Anne F. MacDonald, Trustee) is the legal owner of the property located at 148 Seadrift Road, Stinson Beach, California, Assessor's Parcel Number 185-041-17; and

WHEREAS, said owner applied for a variance to the requirements of the Stinson Beach County Water District Code Ordinance No. 2014-04, Section 4.19.010 Use of Alternative Wastewater System Designs, to utilize an alternative wastewater system; and

WHEREAS, the Board of Directors reviewed the staff report and held a hearing on said application on October 19, 2019, at which all evidence was presented and considered; and

WHEREAS, the following findings are hereby made regarding the aforementioned variance application:

1. Special circumstances and conditions exist on the property which make strict compliance with the regulations inappropriate:
 - There are shallow seasonal high groundwater elevations; and
 - There are sandy soils with a fast percolation rate; and
2. The variance is necessary for the preservation and enjoyment of a substantial property right:
 - Seasonal high groundwater and sandy soils are a natural condition which cannot be altered, but may be mitigated by installing a raised bed dispersal field with an alternative pretreatment device to reduce organic and chemical concentrations from the septic tank effluent and to allow for the proposed building and site improvements; and
3. The variance, if granted, will not result in a cumulative adverse detrimental effect on surface or ground waters:
 - The design meets horizontal and vertical setback requirements to surface and ground waters; and
4. The variance will not materially affect adversely the condition of adjacent watercourses or wetlands, the conditions of subsurface water under adjacent properties, the health or safety of persons residing or working in the neighborhood of the property, or the general health and safety of the public:
 - The design incorporates an alternate pretreatment device which is National Sanitation Foundation (NSF) approved; and
 - The design incorporates continuous telemetry monitoring of the discharge and recirculation pump operations and alarms; and

WHEREAS, the variance shall become effective upon granting of a "Design Approval Permit" which will be granted for a period of three (3) years; and

WHEREAS, issuance of a wastewater system Design Approval Permit shall not be construed to reduce or impede or otherwise interfere with any additional requirements which may be imposed by any law, ordinance, rule or regulation of a legally constituted authority having jurisdiction over such matters; and

WHEREAS, this Resolution represents a decision on a specific variance application based upon a unique set of circumstances and conditions and, thus, this decision shall not constitute a precedent and should not be interpreted to be a basis for future decisions with regard to other specific variance applications; and

WHEREAS, this Resolution applies to the wastewater system design plan prepared by AYS Engineering Group and subject to condition items listed below and design modifications approved by the District

Engineer; and

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE STINSON BEACH COUNTY WATER DISTRICT, that a variance request to the requirements of the Stinson Beach County Water District Regulation Ordinance No. 2014-04, to permit an exception to Section 4.19.010 is hereby granted subject to the following conditions:

- a. Installation of an alternative wastewater system as indicated by AYS Engineering design plans received by the District on September 5, 2019; and
- b. Maximum daily wastewater discharge limit of 450 gallons and an average daily discharge of 300 gallons; and
- c. Total habitable space for single-family residences shall not exceed 2,800 ft²; and
- d. Installation of water conservation plumbing fixtures, i.e., 1.6-gallon flush toilets and low-flow showerheads; and
- e. Screening of all sewer roof vents or top of the septic tank inlet tee to prevent mosquito infestation of the septic tank; and
- f. As requested by District staff, the property owner shall submit the name, address, e-mail, license number or certification of a qualified service provider who will receive and respond to telemetry alerts; and
- g. Following the issuance of the Discharge Permit, District staff shall perform one (1) inspection within 12-months of the wastewater system construction completion, with subsequent inspection frequency to be determined by District staff; and


ADOPTED this 19th day of October 2019 at a duly held Board of Directors meeting by the following vote:

AYES: Baskin, Boucke, Cross, Nelsen, Zell

NOES:

ABSTAIN:

ABSENT:



Barbara Boucke, Board of Directors President
Stinson Beach County Water District

ATTEST:



Ed Schmidt, Secretary to the Board/General Manager
Stinson Beach County Water District

(Seal)

STINSON BEACH COUNTY WATER DISTRICT
RESOLUTION NO. WW 2019-11

GRANTING A VARIANCE TO THE REQUIREMENTS OF THE STINSON BEACH
COUNTY WATER DISTRICT WASTEWATER TREATMENT REGULATIONS ORDINANCE
NO. 2014-04 TO UTILIZE AN ALTERNATIVE WASTEWATER SYSTEM

FOR A PROPERTY LOCATED AT 208 SEADRIFT ROAD,
STINSON BEACH

WHEREAS, Jay Cohen Residence Trust (c/o: Laura Altman) is the legal owner of the property located at 208 Seadrift Road, Stinson Beach, California, Assessor's Parcel Number 196-331-02; and

WHEREAS, said owner applied for a variance to the requirements of the Stinson Beach County Water District Code Ordinance No. 2014-04, Section 4.19.010 Use of Alternative Wastewater System Designs, to utilize an alternative wastewater system; and

WHEREAS, the Board of Directors reviewed the staff report and held a hearing on said application on July 20, 2019, at which all evidence was presented and considered; and

WHEREAS, the following findings are hereby made regarding the aforementioned variance application:

1. Special circumstances and conditions exist on the property which make strict compliance with the regulations inappropriate:
 - There are shallow seasonal high groundwater elevations; and
 - There are sandy soils with a fast percolation rate; and
2. The variance is necessary for the preservation and enjoyment of a substantial property right:
 - Seasonal high groundwater and sandy soils are a natural condition which cannot be altered, but may be mitigated by installing a raised bed dispersal field with an alternative pretreatment device to reduce organic and chemical concentrations from the septic tank effluent and to allow for the proposed building and site improvements; and
3. The variance, if granted, will not result in a cumulative adverse detrimental effect on surface or ground waters:
 - The design meets horizontal and vertical setback requirements to surface and ground waters; and
4. The variance will not materially affect adversely the condition of adjacent watercourses or wetlands, the conditions of subsurface water under adjacent properties, the health or safety of persons residing or working in the neighborhood of the property, or the general health and safety of the public:
 - The design incorporates an alternate pretreatment device which is National Sanitation Foundation (NSF) approved; and
 - The design incorporates continuous telemetry monitoring of the discharge and recirculation pump operations and alarms; and

WHEREAS, the variance shall become effective upon granting of a "Design Approval Permit" which will be granted for a period of three (3) years; and

WHEREAS, issuance of a wastewater system Design Approval Permit shall not be construed to reduce or impede or otherwise interfere with any additional requirements which may be imposed by any law, ordinance, rule or regulation of a legally constituted authority having jurisdiction over such matters; and

WHEREAS, this Resolution represents a decision on a specific variance application based upon a unique set of circumstances and conditions and, thus, this decision shall not constitute a precedent and should not be interpreted to be a basis for future decisions with regard to other specific variance applications; and

WHEREAS, this Resolution applies to the wastewater system design plan prepared by AYS Engineering received on May 20, 2019 and subject to condition items listed below and design modifications approved by the District Engineer; and

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE STINSON BEACH COUNTY WATER DISTRICT, that variance requests to the requirements of the Stinson Beach County Water District Regulation Ordinance No. 2014-04, to permit an exception to Section 4.19.010 are hereby granted subject to the following conditions:

- a. Installation of an alternative wastewater system as indicated by AYS Engineering design plans received on May 20, 2019; and
- b. Maximum daily wastewater discharge limit of 600 gallons and an average daily discharge of 400 gallons; and
- c. Habitable space for a single-family residence shall not exceed 3,300 ft²; and
- d. Installation of water conservation plumbing fixtures, i.e., 1.6-gallon flush toilets and low-flow showerheads; and
- e. Screening of all sewer roof vents to prevent mosquito infestation of the septic tank; and
- f. As requested by District staff, the property owner shall submit the name, address, e-mail, license number or certification of a qualified service provider who will receive and respond to telemetry alerts; and
- g. Following the issuance of the Discharge Permit, District staff shall perform one (1) inspection within 12-months of the wastewater system construction completion, with subsequent inspection frequency to be determined by District staff; and

ADOPTED this 20th day of July 2019 at a duly held Board of Directors meeting by the following vote:

AYES: Beskin, Boucke, Cross, Nelsen, and Zell

NOES:


ABSTAIN:

ABSENT:



Barbara Boucke, Board of Directors President
Stinson Beach County Water District

ATTEST:



Ed Schmidt, Secretary to the Board/General Manager
Stinson Beach County Water District

(Seal)

STINSON BEACH COUNTY WATER DISTRICT
RESOLUTION NO. WW 2019-10

GRANTING A VARIANCE TO THE REQUIREMENTS OF THE STINSON BEACH
COUNTY WATER DISTRICT WASTEWATER TREATMENT REGULATIONS ORDINANCE
NO. 2014-04 TO UTILIZE AN ALTERNATIVE WASTEWATER SYSTEM

FOR A PROPERTY LOCATED AT 209 DIPSEA ROAD,
STINSON BEACH

WHEREAS, Mary Garrison is the legal owner of the property located at 209 Dipsea Road, Stinson Beach, California, Assessor's Parcel Number 195-320-72; and

WHEREAS, said owner applied for a variance to the requirements of the Stinson Beach County Water District Code Ordinance No. 2014-04, Section 4.19.010 Use of Alternative Wastewater System Designs, to utilize an alternative wastewater system; and

WHEREAS, the Board of Directors reviewed the staff report and held a hearing on said application on July 20, 2019, at which all evidence was presented and considered; and

WHEREAS, the following findings are hereby made regarding the aforementioned variance application:

1. Special circumstances and conditions exist on the property which make strict compliance with the regulations inappropriate:
 - There are shallow seasonal high groundwater elevations; and
 - There are sandy soils with a fast percolation rate; and
2. The variance is necessary for the preservation and enjoyment of a substantial property right:
 - Seasonal high groundwater and sandy soils are a natural condition which cannot be altered, but may be mitigated by installing a raised bed dispersal field with an alternative pretreatment device to reduce organic and chemical concentrations from the septic tank effluent and to allow for the proposed building and site improvements; and
3. The variance, if granted, will not result in a cumulative adverse detrimental effect on surface or ground waters:
 - The design meets horizontal and vertical setback requirements to surface and ground waters; and
4. The variance will not materially affect adversely the condition of adjacent watercourses or wetlands, the conditions of subsurface water under adjacent properties, the health or safety of persons residing or working in the neighborhood of the property, or the general health and safety of the public:
 - The design incorporates an alternate pretreatment device which is National Sanitation Foundation (NSF) approved; and
 - The design incorporates continuous telemetry monitoring of the discharge and recirculation pump operations and alarms; and

WHEREAS, the variance shall become effective upon granting of a "Design Approval Permit" which will be granted for a period of three (3) years; and

WHEREAS, issuance of a wastewater system Design Approval Permit shall not be construed to reduce or impede or otherwise interfere with any additional requirements which may be imposed by any law, ordinance, rule or regulation of a legally constituted authority having jurisdiction over such matters; and

WHEREAS, this Resolution represents a decision on a specific variance application based upon a unique set of circumstances and conditions and, thus, this decision shall not constitute a precedent and should not be interpreted to be a basis for future decisions with regard to other specific variance applications; and

WHEREAS, this Resolution applies to the wastewater system design plan prepared by Eckman Environmental received on May 29, 2019 and subject to condition items listed below and design modifications approved by the District Engineer; and

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE STINSON BEACH COUNTY WATER DISTRICT, that variance requests to the requirements of the Stinson Beach County Water District Regulation Ordinance No. 2014-04, to permit an exception to Section 4.19.010 are hereby granted subject to the following conditions:

- a. Installation of an alternative wastewater system as indicated by Eckman Environmental design plans received on May 29, 2019; and
- b. Maximum daily wastewater discharge limit of 300 gallons and an average daily discharge of 200 gallons; and
- c. Habitable space for a single-family residence shall not exceed 1,900 ft²; and
- d. Installation of water conservation plumbing fixtures, i.e., 1.6-gallon flush toilets and low-flow showerheads; and
- e. Screening of all sewer roof vents to prevent mosquito infestation of the septic tank; and
- f. Prior to the issuance of the Discharge Permit, installation of a District approved water system backflow device (RPP type); and
- g. As requested by District staff, the property owner shall submit the name, address, e-mail, license number or certification of a qualified service provider who will receive and respond to telemetry alerts; and
- h. Following the issuance of the Discharge Permit, District staff shall perform one (1) inspection within 12-months of the wastewater system construction completion, with subsequent inspection frequency to be determined by District staff; and

ADOPTED this 20th day of July 2019 at a duly held Board of Directors meeting by the following vote:

AYES: Baskin, Boucke, Cross, Nelsen, and Zell


NOES:

ABSTAIN:

ABSENT:


Barbara Boucke, Board of Directors President
Stinson Beach County Water District

ATTEST:


Ed Schmidt, Secretary to the Board/General Manager
Stinson Beach County Water District

(Seal)

STINSON BEACH COUNTY WATER DISTRICT
DRAFT RESOLUTION NO. WW 2020-06

GRANTING A VARIANCE TO THE REQUIREMENTS OF THE STINSON BEACH
COUNTY WATER DISTRICT WASTEWATER TREATMENT REGULATIONS ORDINANCE
NO. 2014-04 TO APPROVE A TEMPORARY RESTROOM (PORTABLE CHEMICAL
TOILET) PERMIT APPLICATION

FOR SEADRIFT ASSOCIATION, STINSON BEACH

WHEREAS, because of the current extraordinary circumstances: a world-wide pandemic; the threat to public health and safety created by the use of undeveloped areas near the Seadrift spit as receptacles for human waste, and

WHEREAS, based on the authority of the General Manager set out in Title 4, Section 4.05.010, the permit requested by the Seadrift Association may be issued as a variance to the provisions of Title 4, Section 4.07.070 thus permitting the requested chemical toilets and hand washing station to be located near the Seadrift tennis courts as a variance to the above section of Title 4 based on the following:

There is a temporary and unusual dramatic increase in the number of residents sheltering in place in Seadrift due to the pandemic.

There is a threat to public health caused by the frequent use of undeveloped areas near the sand spit as a receptacle for human waste; AND

The closed and gated community which is currently attracting large numbers of non-resident visitors is unique in that it attracts large numbers of visitors and has no public facilities.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE STINSON BEACH COUNTY WATER DISTRICT, that a variance request to the requirements of the Stinson Beach County Water District Regulation Ordinance No. 2014-04, to permit an exception to Section 4.07.070 is hereby granted to permit the temporary installation of the sanitary facilities requested by the Seadrift Association subject to the following conditions:

- a. The permit be limited to the duration of the extraordinary circumstances resulting from the covid-19 pandemic. The circumstances be reviewed quarterly by the General Manager until the General Manager no longer deems the facilities necessary. Any decision by the General Manager regarding the continuance of the permit may be appealed to the Board of Directors.
- b. The chemical toilets and washing station be located so that their existence and placement is obvious to visitors, residents and people on the sand spit.
- c. The variance permit for the requested temporary use may issued provided that the device will be provided by and pumped by a person licensed by the County of Marin pursuant to 26000 et seq. of the Health and Safety Code, of California.

ADOPTED this 20th day of June 2020 at a duly held Board of Directors meeting by the following vote:

AYES: Baskin, Boucks, Cross, Nansen, Zell

NOES:

ABSTAIN:

ABSENT:


Lawrence A. Baskin, Board of Directors President
Stinson Beach County Water District

ATTEST:


Ed Schmidt, Secretary to the Board/General Manager
Stinson Beach County Water District

(Seal)

APPENDIX C

CORRESPONDENCE:

- **Design Approval Permits**
- **Notice of Complete Applications**
- **Notice of Incomplete Applications**
- **Notice of Inspection and Required Compliance**
- **Response to Agency Memorandums**



STINSON BEACH COUNTY WATER DISTRICT

3785 Shoreline Highway • P.O. Box 245 Stinson Beach, CA 94970

Phone: (415) 868-1333 Facsimile: (415) 868-9417

E-mail: sbcwd@stinson-beach-cwd.dst.ca.us Website: <http://Stinson-Beach-cwd.dst.ca.us>

DESIGN APPROVAL PERMIT

May 18, 2020

Paul Brody and Daniel Yost
135 Otis Avenue
Woodside, CA 94062

ADDRESS : 1 Joaquin Patio
ACCOUNT No. : 1340

Dear Paul and Daniel,

The Stinson Beach County Water District hereby grants this Design Approval Permit for the wastewater system at the above referenced property. The permit is granted based on Eckman Environmental plans received March 16, 2020. The maximum and average daily wastewater flow rate shall be 300 and 200 gallons, respectively. Further conditions of approval are listed in Resolution WW 2020-04. This permit is valid for a period of six (6) months commencing from the above listed date. No extensions shall be granted.

Prior to the start of construction of the wastewater system, the following items need to be completed (forms available at District office):

1. **Application/Issuance of a Construction Permit for an onsite wastewater system and payment of required permit fee.** This permit is required prior to the commencement of construction of any onsite wastewater system within the District.
2. **Application/Issuance of a Temporary Restroom Permit and payment of required permit fee (if applicable).** This permit is required prior to installation and use of a temporary (portable/chemical) toilet on the premises.

During Construction, the following items shall be completed:

3. **Prior to excavation, the Contractor shall stake-out the corners of all proposed septic tanks and dispersal beds as shown on the design plan.** District staff shall review and approve the layout prior to excavation and installation of the septic system.
4. **Periodic construction observations for tank water tightness testing, dispersal field pressure testing, pretreatment device pressure testing, float switch operations, control panel operation, and all other items listed in the design plans shall be scheduled by the Contractor.** The Contractor shall schedule both the Licensed Designer and District Staff to be present at the same time. Construction observations (i.e. layout, pressures tests, and final system operation) which requires the District Engineer shall be scheduled on a Monday during business hours.

Board of Directors

President
Lawrence A. Baskin

Vice President
Sandra Cross

Directors
Barbara Boucke
Morey Nelsen
Jim Zell

Treasurer
Judy Stemen

General Manager
Ed Schmidt

District Counsel
Patrick Miyaki

Upon completion of the wastewater system, the following items shall be completed:

5. A final observation of the system operation & erosion control measures shall be scheduled by the installation Contractor with District staff and the Designer. The District shall issue a discharge permit if the septic system installation is in general compliance with the design plans, regulations, resolution, and items listed herein. Leaks and other noticeable problems shall constitute a failure and require rescheduling of an observation by the Contractor.

Prior to the issuance of a Discharge Permit, when construction of the wastewater system is completed, the following items shall be submitted to the SBCWD office for approval:

6. A final letter of completion by the Designer that includes the following language: *I (name of designer, professional title and state registration no.) do hereby certify that based upon my inspections of the work performed on the wastewater disposal system pursuant to the repair/construction permit issued on (permit date) conformed to the plans and specifications prepared by me as approved by the Stinson Beach County Water District. This certification shall be dated and signed under penalty of perjury.*
7. "As-built" (record) drawings indicating all revisions and actual location of all installed system components shall be provided by the Designer.
8. The Contractor shall sign and date the completion of the septic system on the Construction Permit in the District Office.

If you have any questions or comments, please contact the District.

Sincerely,



Ed Schmidt
General Manager

cc: Noadiah Eckman noadiah.eckman@gmail.com



STINSON BEACH COUNTY WATER DISTRICT

3785 Shoreline Highway • P.O. Box 245 Stinson Beach, CA 94970

Phone: (415) 868-1333 Facsimile: (415) 868-9417

E-mail: sbcwd@stinson-beach-cwd.dst.ca.us Website: <http://Stinson-Beach-cwd.dst.ca.us>

DESIGN APPROVAL PERMIT

Board of Directors

President
Lawrence A. Baskin

Vice President
Sandra Cross

Directors
Barbara Boucke
Morey Nelsen
Jim Zell

Treasurer
Judy Stemen

General Manager
Ed Schmidt

District Counsel
Patrick Miyaki

April 20, 2020

Nancy and Rich Robbins
1120 Nye Street
San Rafael, CA 94901

ADDRESS : 288 SEADRIFT ROAD
ACCOUNT No. : 6830

Dear Nancy and Rich,

The Stinson Beach County Water District hereby grants this Design Approval Permit for the wastewater system at the above referenced property. The permit is granted based on AYS Engineering plans received February 3, 2020. The maximum and average daily wastewater flow rate shall be 450 and 300 gallons, respectively. Further conditions of approval are listed in Resolution WW 2020-02. This permit is valid for a period of three (3) years commencing from the above listed date. No extensions shall be granted.

Prior to the start of construction of the wastewater system, the following items need to be completed (forms available at District office):

1. Application/Issuance of a Construction Permit for an onsite wastewater system and payment of required permit fee. This permit is required prior to the commencement of construction of any onsite wastewater system within the District.
2. Application/Issuance of a Temporary Restroom Permit and payment of required permit fee (if applicable). This permit is required prior to installation and use of a temporary (portable/chemical) toilet on the premises.

During Construction, the following items shall be completed:

3. Prior to excavation, the Contractor shall stake-out the corners of all proposed septic tanks and dispersal beds as shown on the design plan. Additionally, the contractor shall stake-out existing and proposed utilities lines, building structures, driveway(s), impervious areas, and all property lines within 5 feet of the septic system to show conformance to Title IV setback requirements. District staff shall review and approve the layout prior to excavation and installation of the septic system. Property line verification shall be based on field monumentation set by a licensed surveyor and indicated in a record map filed in Marin County Records.
4. Periodic construction observations for tank water tightness testing, dispersal field pressure testing, pretreatment device pressure testing, float switch operations,

April 20, 2020

control panel operation, and all other items listed in the design plans shall be scheduled by the Contractor. The Contractor shall schedule both the Licensed Designer and District Staff to be present at the same time. Construction observations (i.e. layout, pressures tests, and final system operation) which requires the District Engineer shall be scheduled on a Monday during business hours.

Upon completion of the wastewater system, the following items shall be completed:

5. A final observation of the system operation & erosion control measures shall be scheduled by the installation Contractor with District staff and the Designer. The District shall issue a discharge permit if the septic system installation is in general compliance with the design plans, regulations, resolution, and items listed herein. Leaks and other noticeable problems shall constitute a failure and rescheduling of an observation by the Contractor.

Prior to the Issuance of a Discharge Permit, when construction of the wastewater system is completed, the following items shall be submitted to the SBCWD office for approval:

6. A final letter of completion by the designer that includes the following language: *I (name of designer, professional title and state registration no.) do hereby certify that based upon my inspections of the work performed on the wastewater disposal system pursuant to the repair/construction permit issued on (permit date) conformed to the plans and specifications prepared by me as approved by the Stinson Beach County Water District. This certification shall be dated and signed under penalty of perjury.*
7. "As-built" (record) drawings indicating all revisions and actual location of all installed system components shall be provided by the designer.
8. The Contractor shall sign and date the completion of the septic system on the Construction Permit in the District Office.

If you have any questions or comments, please contact the District.

Sincerely,



Ed Schmidt
General Manager

cc: Troy Pearce troy@aysengineering.com



STINSON BEACH COUNTY WATER DISTRICT

3785 Shoreline Highway • P.O. Box 245 Stinson Beach, CA 94970

Phone: (415) 868-1333 Facsimile: (415) 868-9417

E-mail: sbcwd@stinson-beach-cwd.dst.ca.us Website: <http://Stinson-Beach-cwd.dst.ca.us>

GREASE TANK DESIGN APPROVAL PERMIT

Board of Directors

March 23, 2020

President
Lawrence A. Baskin

Parkside
c/o: John Gilbert
P.O. Box 948
Stinson Beach, CA 94970

Vice President
Sandra Cross

Directors
Barbara Boucke
Corey Nelsen
Jim Zell

ADDRESS : 43 Arenal
ACCOUNT No. : 3730

Treasurer
Ludy Stemen

Dear John,

General Manager
Ed Schmidt

The Stinson Beach County Water District hereby grants this Design Approval Permit for the grease tank installation at the above referenced property. The permit is granted based on the AYS plans received March 19th. There are no changes to the maximum and average wastewater flow rate of 2,000 and 700 gallons-per-day, respectively.

District Counsel
Patrick Miyaki

This permit shall be valid for a period of three (3) years. No extensions shall be granted.

Prior to the start of construction of the wastewater system, the following items need to be completed (forms available at District office):

1. Application/Issuance of a Construction Permit and payment of required permit fee. This permit is required prior to the commencement of construction.
2. Application/Issuance of a Temporary Restroom Permit and payment of required permit fee (if applicable). This permit is required prior to installation and use of a temporary (portable/chemical) toilet on the premises.

During Construction, the following items shall be completed:

3. Prior to excavation, the Contractor shall stake-out the grease tank and biofilter as indicated in the design plans. If requested by the District Engineer, staking of property lines, utilities, and other site features shall be performed by the Contractor and observed by Staff to show conformance to Title IV setback requirements.
4. Periodic construction observations shall be scheduled by the Contractor with the Designer and District Engineer according to the approved Construction Inspection Notes referenced in the design plans.

Upon completion of the wastewater system, the following items shall be

March 23, 2020

completed:

5. A final observation of the system operation & erosion control measures shall be scheduled by the installation Contractor with District staff and the Designer. Leaks and other noticeable problems shall constitute a failure and rescheduling of an observation by the Contractor.

Prior to the issuance of a Discharge Permit, when construction of the wastewater system is completed, the following items shall be submitted to the SBCWD office for approval:

6. A final letter of completion by the designer that includes the following language: *I (name of designer, professional title and state registration no.) do hereby certify that based upon my inspections of the work performed on the wastewater disposal system pursuant to the repair/construction permit issued on (permit date) conformed to the plans and specifications prepared by me as approved by the Stinson Beach County Water District. This certification shall be dated and signed under penalty of perjury.*
7. "As-built" (record) drawings indicating all revisions and actual location of all installed system components shall be provided by the designer.

If you have any questions or comments, please contact the District.

Sincerely,



Ed Schmidt
General Manager

cc: Troy Pearce troy@avsengineering.com



STINSON BEACH COUNTY WATER DISTRICT

3785 Shoreline Highway • P.O. Box 245 Stinson Beach, CA 94970
Phone: (415) 868-1333 Facsimile: (415) 868-9417
E-mail: sbcwd@stinson-beach-cwd.dst.ca.us Website: <http://Stinson-Beach-cwd.dst.ca.us>

DESIGN APPROVAL PERMIT

Board of Directors

President
Lawrence A. Baskin

Vice President
Sandra Cross

Directors
Barbara Boucke
Morey Neisen
Jim Zell

Treasurer
Judy Stemen

General Manager
Ed Schmidt

District Counsel
Patrick Mlyaki

February 24, 2020

Maria Zailan and Paula Thurber
c/o : Joan Von Briesen
1030 Shrader St
San Francisco, CA 94117

ADDRESS : 11 Alameda Patio
ACCOUNT No. : 1100

Dear Joan,

The Stinson Beach County Water District hereby grants this Design Approval Permit for the wastewater system at the above referenced property. The permit is granted based on conditions listed in Resolution WW 2020-01 and AYS Engineering plans received January 13, 2020. The maximum and average daily wastewater flow rate shall be 150 and 100 gallons, respectively. The permit shall be valid for a period of three (3) years. No extensions shall be granted.

Upon completion of the wastewater system, the following items shall be completed:

1. A final observation of the system operation & erosion control measures shall be scheduled by the installation Contractor with District staff and the Designer. The District shall issue a discharge permit if the septic system installation is in general compliance with the design plans, regulations, resolution, and items listed herein. Leaks and other noticeable problems shall constitute a failure and rescheduling of an observation by the Contractor.

Prior to the issuance of a Discharge Permit, when construction of the wastewater system is completed, the following items shall be submitted to the SBCWD office for approval:

2. A final letter of completion by the designer that includes the following language: *I (name of designer, professional title and state registration no.) do hereby certify that based upon my inspections of the work performed on the wastewater disposal system pursuant to the repair/construction permit issued on (permit date) conformed to the plans and specifications prepared by me as approved by the Stinson Beach County Water District. This certification shall be dated and signed under penalty of perjury.*

February 24, 2020

3. "As-built" (record) drawings indicating all revisions and actual location of all installed system components shall be provided by the designer.

If you have any questions or comments, please contact the District.

Sincerely,



Ed Schmidt
General Manager

cc: Troy Pearce troy@aysengineering.com



STINSON BEACH COUNTY WATER DISTRICT

3785 Shoreline Highway • P.O. Box 245 Stinson Beach, CA 94970

Phone: (415) 868-1333 Facsimile: (415) 868-9417

E-mail: sbcwd@stinson-beach-cwd.dst.ca.us Website: <http://Stinson-Beach-cwd.dst.ca.us>

DESIGN APPROVAL PERMIT

Board of Directors

President
Lawrence A. Baskin

Vice President
Sandra Cross

Directors
Barbara Boucke
Vorey Nelsen
Jim Zell

Treasurer
Ludy Stemen

General Manager
Ed Schmidt

District Counsel
Patrick Miyaki

January 27, 2020

Colm Brennan
P.O. Box 411625
San Francisco, CA 94141

ADDRESS : 25 Lincoln
ACCOUNT No. : 4800

Dear Colm,

The Stinson Beach County Water District hereby grants this Design Approval Permit for the wastewater system at the above referenced property. The permit is granted based on AYS Engineering plans received January 2, 2020. The maximum and average daily wastewater flow rate shall be 150 and 100 gallons, respectively. The permit shall be valid for a period of three (3) years. No extensions shall be granted.

This permit supersedes the Design Approval Permit granted on September 23, 2019. Conditions of approval listed in the resolution (WW 2019-14) shall apply, excepting the amended wastewater flow rate.

Prior to the start of construction of the wastewater system, the following items need to be completed (forms available at District office):

1. Application/Issuance of a Construction Permit for an onsite wastewater system and payment of required permit fee. This permit is required prior to the commencement of construction of any onsite wastewater system within the District.
2. Application/Issuance of a Temporary Restroom Permit and payment of required permit fee (if applicable). This permit is required prior to installation and use of a temporary (portable/chemical) toilet on the premises.

During Construction, the following items shall be completed:

3. Prior to excavation, the Contractor shall stake-out drip lines as shown on the design plan. If requested by the District Engineer, staking of property lines, utilities, and other site features shall be performed by the Contractor and observed by Staff to show conformance to Title IV setback requirements.
4. Periodic construction observations shall be scheduled by the Contractor with the Designer and District Engineer according to the approved Construction Inspection Notes referenced in the design plans.

January 27, 2020

5. The Contractor shall install District approved screening material on all plumbing vents to deter breeding of mosquitoes or the top of the septic tank inlet tee.
6. Water conservation plumbing fixtures, i.e., 1.6-gallon flush toilets and low-flow showerheads, shall be installed.

Upon completion of the wastewater system, the following items shall be completed:

7. A final observation of the system operation & erosion control measures shall be scheduled by the installation Contractor with District staff and the Designer. The District shall issue a discharge permit if the septic system installation is in general compliance with the design plans, regulations, resolution, and items listed herein. Leaks and other noticeable problems shall constitute a failure and rescheduling of an observation by the Contractor.

Prior to the issuance of a Discharge Permit, when construction of the wastewater system is completed, the following items shall be submitted to the SBCWD office for approval:

8. A final letter of completion by the designer that includes the following language: *I (name of designer, professional title and state registration no.) do hereby certify that based upon my inspections of the work performed on the wastewater disposal system pursuant to the repair/construction permit issued on (permit date) conformed to the plans and specifications prepared by me as approved by the Stinson Beach County Water District. This certification shall be dated and signed under penalty of perjury.*
9. "As-built" (record) drawings indicating all revisions and actual location of all installed system components shall be provided by the designer.

If you have any questions or comments, please contact the District.

Sincerely,



Ed Schmidt
General Manager

cc: Troy Pearce troy@avsengineering.com



STINSON BEACH COUNTY WATER DISTRICT

3785 Shoreline Highway • P.O. Box 245 Stinson Beach, CA 94970

Phone: (415) 868-1333 Facsimile: (415) 868-9417

E-mail: sbcwd@stinson-beach-cwd.dst.ca.us Website: <http://Stinson-Beach-cwd.dst.ca.us>

For
Plan
copy

DESIGN APPROVAL PERMIT

Board of Directors

President
Lawrence A. Baskin

Vice President
Sandra Cross

Directors
Barbara Boucke
Morey Nelsen
Jim Zell

Treasurer
Judy Stemen

General Manager
Ed Schmidt

District Counsel
Patrick Miyaki

December 30, 2019

Mr. James Herbert
c/o: Steve Wisenbaker
300 Tamal Plaza #200
Corte Madera, CA 94925

ADDRESS : 182 SEADRIFT ROAD, STINSON BEACH
ACCOUNT No. : 6420

Dear James,

The Stinson Beach County Water District hereby grants this Design Approval Permit for the wastewater system design at the above referenced property. The permit is granted based on AYS Engineering design plans received October 21, 2019 and conditions of approval listed in the resolution (WW 2019-20). The maximum and average daily wastewater flow rate shall be 600 and 400 gallons, respectively.

This permit shall be valid for a period of three (3) years. No extensions shall be granted.

Prior to the start of construction of the wastewater system, the following items need to be completed (forms available at District office):

1. Application/Issuance of a Construction Permit for an onsite wastewater system and payment of required permit fee. This permit is required prior to the commencement of construction of any onsite wastewater system within the District.
2. Application/Issuance of a Temporary Restroom Permit and payment of required permit fee (if applicable). This permit is required prior to installation and use of a temporary (portable/chemical) toilet on the premises.

During Construction, the following items shall be completed:

3. Prior to excavation, the Contractor shall stake-out the septic tanks and dispersal beds as shown on the design plan. If requested by the District Engineer, staking of property lines, utilities, and other site features shall be performed by the Contractor and observed by Staff to show conformance to Title IV setback requirements.
4. Periodic construction observations shall be scheduled by the Contractor with the Designer and District Engineer according to the approved Construction Inspection Notes referenced in the design plans.

5. The Contractor shall install District approved screening material on all plumbing vents to deter breeding of mosquitoes or the top of the septic tank inlet tee.
6. Water conservation plumbing fixtures, i.e., 1.6-gallon flush toilets and low-flow showerheads, shall be installed.

Upon completion of the wastewater system, the following items shall be completed:

7. A final observation of the system operation & erosion control measures shall be scheduled by the installation Contractor with District staff and the Designer. The District shall issue a discharge permit if the septic system installation is in general compliance with the design plans, regulations, resolution, and items listed herein. Leaks and other noticeable problems shall constitute a failure and rescheduling of an observation by the Contractor.

Prior to the issuance of a Discharge Permit, when construction of the wastewater system is completed, the following items shall be submitted to the SBCWD office for approval:

8. A final letter of completion by the designer that includes the following language: *I (name of designer, professional title and state registration no.) do hereby certify that based upon my inspections of the work performed on the wastewater disposal system pursuant to the repair/construction permit issued on (permit date) conformed to the plans and specifications prepared by me as approved by the Stinson Beach County Water District. This certification shall be dated and signed under penalty of perjury.*
9. "As-built" (record) drawings indicating all revisions and actual location of all installed system components shall be provided by the designer.

If you have any questions or comments, please contact the District.

Sincerely,



Ed Schmidt
General Manager

cc: Troy Pearce troy@aysengineering.com



STINSON BEACH COUNTY WATER DISTRICT

3785 Shoreline Highway • P.O. Box 245 Stinson Beach, CA 94970

Phone: (415) 868-1333 Facsimile: (415) 868-9417

E-mail: sbcwd@stinson-beach-cwd.dst.ca.us Website: <http://Stinson-Beach-cwd.dst.ca.us>

DESIGN APPROVAL PERMIT

Board of Directors

President
Lawrence A. Baskin

Vice President
Sandra Cross

Directors
Barbara Boucke
Morey Nelsen
Jim Zell

Treasurer
Judy Stemen

General Manager
Ed Schmidt

District Counsel
Patrick Miyaki

December 30, 2019

Mr. James Herbert
c/o: Steve Wisenbaker
300 Tamal Plaza #200
Corte Madera, CA 94925

ADDRESS : 180 SEADRIFT ROAD, STINSON BEACH
ACCOUNT No. : 6410

Dear James,

The Stinson Beach County Water District hereby grants this Design Approval Permit for the wastewater system design at the above referenced property. The permit is granted based on AYS Engineering design plans received October 21, 2019 and conditions of approval listed in the resolution (WW 2019-19). The maximum and average daily wastewater flow rate shall be 600 and 400 gallons, respectively.

This permit shall be valid for a period of three (3) years. No extensions shall be granted.

Prior to the start of construction of the wastewater system, the following items need to be completed (forms available at District office):

1. Application/Issuance of a Construction Permit for an onsite wastewater system and payment of required permit fee. This permit is required prior to the commencement of construction of any onsite wastewater system within the District.
2. Application/Issuance of a Temporary Restroom Permit and payment of required permit fee (if applicable). This permit is required prior to installation and use of a temporary (portable/chemical) toilet on the premises.

During Construction, the following items shall be completed:

3. Prior to excavation, the Contractor shall stake-out the septic tanks and dispersal beds as shown on the design plan. If requested by the District Engineer, staking of property lines, utilities, and other site features shall be performed by the Contractor and observed by Staff to show conformance to Title IV setback requirements.
4. Periodic construction observations shall be scheduled by the Contractor with the Designer and District Engineer according to the approved Construction Inspection Notes referenced in the design plans.

5. The Contractor shall install District approved screening material on all plumbing vents to deter breeding of mosquitoes or the top of the septic tank inlet tee.
6. Water conservation plumbing fixtures, i.e., 1.6-gallon flush toilets and low-flow showerheads, shall be installed.

Upon completion of the wastewater system, the following items shall be completed:

7. A final observation of the system operation & erosion control measures shall be scheduled by the installation Contractor with District staff and the Designer. The District shall issue a discharge permit if the septic system installation is in general compliance with the design plans, regulations, resolution, and items listed herein. Leaks and other noticeable problems shall constitute a failure and rescheduling of an observation by the Contractor.

Prior to the issuance of a Discharge Permit, when construction of the wastewater system is completed, the following items shall be submitted to the SBCWD office for approval:

8. A final letter of completion by the designer that includes the following language: *I (name of designer, professional title and state registration no.) do hereby certify that based upon my inspections of the work performed on the wastewater disposal system pursuant to the repair/construction permit issued on (permit date) conformed to the plans and specifications prepared by me as approved by the Stinson Beach County Water District. This certification shall be dated and signed under penalty of perjury.*
9. "As-built" (record) drawings indicating all revisions and actual location of all installed system components shall be provided by the designer.

If you have any questions or comments, please contact the District.

Sincerely,



Ed Schmidt
General Manager

cc: Troy Pearce troy@avsengineering.com



STINSON BEACH COUNTY WATER DISTRICT

3785 Shoreline Highway • P.O. Box 245 Stinson Beach, CA 94970

Phone: (415) 868-1333

Facsimile: (415) 868-9417

E-mail: sbcwd@stinson-beach-cwd.dst.ca.us

Website: <http://Stinson-Beach-cwd.dst.ca.us>

DESIGN APPROVAL PERMIT

November 18, 2019

Marla Miller & David Kremer
18 6th Avenue
San Francisco, CA 94118

ADDRESS : 149 Seadrift Road
ACCOUNT No. : 7655

Dear Colm,

The Stinson Beach County Water District hereby grants this Design Approval Permit for the wastewater system design at the above referenced property. The permit is granted based on Eckman Environmental plans received November 12, 2019 and conditions of approval listed in the resolution (WW 2019-18). The maximum and average daily wastewater flow rate shall be 300 and 200 gallons, respectively.

This permit shall be valid for a period of three (3) years. No extensions shall be granted.

Prior to the start of construction of the wastewater system, the following items need to be completed (forms available at District office):

1. Application/Issuance of a Construction Permit for an onsite wastewater system and payment of required permit fee. This permit is required prior to the commencement of construction of any onsite wastewater system within the District.
2. Application/Issuance of a Temporary Restroom Permit and payment of required permit fee (if applicable). This permit is required prior to installation and use of a temporary (portable/chemical) toilet on the premises.

During Construction, the following items shall be completed:

3. Prior to excavation, the Contractor shall stake-out the septic tanks and laterals as shown on the design plan. If requested by the District Engineer, staking of property lines, utilities, and other site features shall be performed by the Contractor and observed by Staff to show conformance to Title IV setback requirements.
4. Periodic construction observations shall be scheduled by the Contractor with the Designer and District Engineer according to the approved Construction Inspection Notes referenced in the design plans.

Board of Directors

President
Barbara Boucke

Vice President
Lawrence A. Baskin

Directors
Sandra Cross
Morey Nelsen
Jim Zeli

Treasurer
Judy Stemen

General Manager
Ed Schmidt

District Counsel
Patrick Miyaki

November 18, 2019

5. The Contractor shall install District approved screening material on all plumbing vents to deter breeding of mosquitoes or the top of the septic tank inlet tee.
6. Water conservation plumbing fixtures, i.e., 1.6-gallon flush toilets and low-flow showerheads, shall be installed.

Upon completion of the wastewater system, the following items shall be completed:

7. A final observation of the system operation & erosion control measures shall be scheduled by the installation Contractor with District staff and the Designer. The District shall issue a discharge permit if the septic system installation is in general compliance with the design plans, regulations, resolution, and items listed herein. Leaks and other noticeable problems shall constitute a failure and rescheduling of an observation by the Contractor.

Prior to the issuance of a Discharge Permit, when construction of the wastewater system is completed, the following items shall be submitted to the SBCWD office for approval:

8. A final letter of completion by the designer that includes the following language: *I (name of designer, professional title and state registration no.) do hereby certify that based upon my inspections of the work performed on the wastewater disposal system pursuant to the repair/construction permit issued on (permit date) conformed to the plans and specifications prepared by me as approved by the Stinson Beach County Water District. This certification shall be dated and signed under penalty of perjury.*
9. "As-built" (record) drawings indicating all revisions and actual location of all installed system components shall be provided by the designer.

If you have any questions or comments, please contact the District.

Sincerely,



Ed Schmidt
General Manager

cc: noadiah eckman noadiah.eckman@gmail.com



STINSON BEACH COUNTY WATER DISTRICT

3785 Shoreline Highway • P.O. Box 245 Stinson Beach, CA 94970

Phone: (415) 868-1333

Facsimile: (415) 868-9417

E-mail: sbcwd@stinson-beach-cwd.dst.ca.us

Website: <http://Stinson-Beach-cwd.dst.ca.us>

DESIGN APPROVAL PERMIT

Board of Directors

President
Barbara Boucke

Vice President
Lawrence A. Baskin

Directors
Sandra Cross
Morey Nelsen
Jim Zell

Treasurer
Ludy Stemen

General Manager
Ed Schmidt

District Counsel
Patrick Miyaki

November 18, 2019

Ms. Wendy Donner
10 Bennit Avenue
San Anselmo, CA 94960

ADDRESS : 2 MARINE WAY
ACCOUNT No. : 3760

Dear Wendy,

The Stinson Beach County Water District hereby grants this Design Approval Permit for the wastewater system design at the above referenced property. The permit is granted based on Eckman Environmental plans received October 28, 2019 and conditions of approval listed in the resolution (WW 2019-17). The maximum and average daily wastewater flow rate shall be 300 and 200 gallons, respectively.

This permit shall be valid for a period of three (3) years. No extensions shall be granted.

Prior to the start of construction of the wastewater system, the following items need to be completed (forms available at District office):

1. Application/Issuance of a Construction Permit for an onsite wastewater system and payment of required permit fee. This permit is required prior to the commencement of construction of any onsite wastewater system within the District.
2. Application/Issuance of a Temporary Restroom Permit and payment of required permit fee (if applicable). This permit is required prior to installation and use of a temporary (portable/chemical) toilet on the premises.

During Construction, the following items shall be completed:

3. Prior to excavation, the Contractor shall stake-out the septic tanks and drip field as shown on the design plan. If requested by the District Engineer, staking of property lines, utilities, and other site features shall be performed by the Contractor and observed by Staff to show conformance to Title IV setback requirements.
4. Periodic construction observations shall be scheduled by the Contractor with the Designer and District Engineer according to the approved Construction Inspection Notes referenced in the design plans.

5. The Contractor shall install District approved screening material on all plumbing vents to deter breeding of mosquitoes or the top of the septic tank inlet tee.
6. Water conservation plumbing fixtures, i.e., 1.6-gallon flush toilets and low-flow showerheads, shall be installed.

Upon completion of the wastewater system, the following items shall be completed:

7. A final observation of the system operation & erosion control measures shall be scheduled by the installation Contractor with District staff and the Designer. The District shall issue a discharge permit if the septic system installation is in general compliance with the design plans, regulations, resolution, and items listed herein. Leaks and other noticeable problems shall constitute a failure and rescheduling of an observation by the Contractor.

Prior to the issuance of a Discharge Permit, when construction of the wastewater system is completed, the following items shall be submitted to the SBCWD office for approval:

8. A final letter of completion by the designer that includes the following language: *I (name of designer, professional title and state registration no.) do hereby certify that based upon my inspections of the work performed on the wastewater disposal system pursuant to the repair/construction permit issued on (permit date) conformed to the plans and specifications prepared by me as approved by the Stinson Beach County Water District. This certification shall be dated and signed under penalty of perjury.*
9. "As-built" (record) drawings indicating all revisions and actual location of all installed system components shall be provided by the designer.

If you have any questions or comments, please contact the District.

Sincerely,



Ed Schmidt
General Manager

cc: noadiah eckman noadiah.eckman@gmail.com



STINSON BEACH COUNTY WATER DISTRICT

3785 Shoreline Highway • P.O. Box 245 Stinson Beach, CA 94970

Phone: (415) 868-1333 Facsimile: (415) 868-9417

E-mail: sbcwd@stinson-beach-cwd.dst.ca.us Website: <http://Stinson-Beach-cwd.dst.ca.us>

DESIGN APPROVAL PERMIT

October 21, 2019

Mid Century Seadrift Trust
Anne Macdonald, Trustee
P.O. Box 1707
Los Altos, CA 94023

ADDRESS : 148 Seadrift Road
OWNER : Mid Century Seadrift Trust
ACCOUNT No. : 6250

Dear Anne,

The Stinson Beach County Water District hereby grants this Design Approval Permit for the wastewater system design at the above referenced property. The permit is granted based on AYS Engineering plans received September 5, 2019 and conditions of approval listed in the resolution (WW 2019-12). The maximum and average daily wastewater flow rate shall be 450 and 300 gallons, respectively.

This permit shall be valid for a period of three (3) years. No extensions shall be granted.

Prior to the start of construction of the wastewater system, the following items need to be completed (forms available at District office):

1. Application/Issuance of a Construction Permit for an onsite wastewater system and payment of required permit fee. This permit is required prior to the commencement of construction of any onsite wastewater system within the District.
2. Application/Issuance of a Temporary Restroom Permit and payment of required permit fee (if applicable). This permit is required prior to installation and use of a temporary (portable/chemical) toilet on the premises.

During Construction, the following items shall be completed:

3. Prior to excavation, the Contractor shall stake-out the pretreatment device, raised dispersal beds, and septic tank(s) corners as shown on the design plan. Staking of property lines, utilities, and other site features shall be performed by the Contractor and observed by Staff to show conformance to Title IV setback requirements.

Board of Directors

President
Barbara Boucke

Vice President
Lawrence A. Baskin

Directors
Sandra Cross
Morey Nelsen
Jim Zell

Treasurer
Ludy Stemen

General Manager
Ed Schmidt

District Counsel
Patrick Miyaki

October 21, 2019

4. Periodic construction observations shall be scheduled by the Contractor with the Designer and District Engineer according to the approved Construction Inspection Notes referenced in the design plans.
5. The Contractor shall install District approved screening material on all plumbing vents to deter breeding of mosquitoes.
6. Water conservation plumbing fixtures, i.e., 1.6-gallon flush toilets and low-flow showerheads, shall be installed.

Upon completion of the wastewater system, the following items shall be completed:

7. A final observation of the system operation & erosion control measures shall be scheduled by the installation Contractor with District staff and the Designer. The District shall issue a discharge permit if the septic system installation is in general compliance with the design plans, regulations, resolution, and items listed herein. Leaks and other noticeable problems shall constitute a failure and rescheduling of an observation by the Contractor.

Prior to the issuance of a Discharge Permit, when construction of the wastewater system is completed, the following items shall be submitted to the SBCWD office for approval:

8. A final letter of completion by the designer that includes the following language: *I (name of designer, professional title and state registration no.) do hereby certify that based upon my inspections of the work performed on the wastewater disposal system pursuant to the repair/construction permit issued on (permit date) conformed to the plans and specifications prepared by me as approved by the Stinson Beach County Water District. This certification shall be dated and signed under penalty of perjury.*
9. "As-built" (record) drawings indicating all revisions and actual location of all installed system components shall be provided by the designer.

If you have any questions or comments, please contact the District.

Sincerely,



Ed Schmidt
General Manager

cc: Troy Pearce troy@avsengineering.com



STINSON BEACH COUNTY WATER DISTRICT

3785 Shoreline Highway • P.O. Box 245 Stinson Beach, CA 94970

Phone: (415) 868-1333

Facsimile: (415) 868-9417

E-mail: sbcwd@stinson-beach-cwd.dst.ca.us

Website: <http://Stinson-Beach-cwd.dst.ca.us>

DESIGN APPROVAL PERMIT

October 21, 2019

Dixon-Tananbaum Family Trust
Melanie Dixon and Greg Tananbaum, Trustees
292 Coventry Road
Kensington, CA 94707

ADDRESS : 7 Francisco Patio
OWNER : Dixon-Tananbaum
ACCOUNT No. : 1220

Dear Melanie and Greg,

The Stinson Beach County Water District hereby grants this Design Approval Permit for the wastewater system design at the above referenced property. The permit is granted based on AYS Engineering plans received August 19, 2019 and conditions of approval listed in the resolution (WW 2019-15). The maximum and average daily wastewater flow rate shall be 300 and 200 gallons, respectively.

This permit shall be valid for a period of three (3) years. No extensions shall be granted.

Prior to the start of construction of the wastewater system, the following items need to be completed (forms available at District office):

1. Application/Issuance of a Construction Permit for an onsite wastewater system and payment of required permit fee. This permit is required prior to the commencement of construction of any onsite wastewater system within the District.
2. Application/Issuance of a Temporary Restroom Permit and payment of required permit fee (if applicable). This permit is required prior to installation and use of a temporary (portable/chemical) toilet on the premises.

During Construction, the following items shall be completed:

3. Prior to excavation, the Contractor shall stake-out the pretreatment device, raised dispersal beds, and septic tank(s) corners as shown on the design plan. Staking of property lines, utilities, and other site features shall be performed by the Contractor and observed by Staff to show conformance to Title IV setback requirements.
4. The Contractor shall remove & dispose of the existing septic system at a District approved landfill. If abandoning the existing septic tank, then the Contractor shall pump the tank and provide a copy of the pumping receipt to the District. At least one (1) hole (4-inch diameter, minimum) shall be drilled at the bottom of each septic tank

Board of Directors

President
Barbara Boucke

Vice President
Lawrence A. Baskin

Directors
Sandra Cross
Morey Nelsen
Jim Zell

Treasurer
Judy Stemen

General Manager
Ed Schmidt

District Counsel
Patrick Miyaki

October 21, 2019

compartment. The lid shall be removed for backfill with crushed rock, sand, or other District approved material to the top of the tank. The Contractor shall call either District Staff and/or the Design Engineer for construction observations following the drilled holes and backfilled tank.

5. Periodic construction observations shall be scheduled by the Contractor with the Designer and District Engineer according to the approved Construction Inspection Notes referenced in the design plans.
6. The Contractor shall install District approved screening material on all plumbing vents to deter breeding of mosquitoes.
7. Water conservation plumbing fixtures, i.e., 1.6-gallon flush toilets and low-flow showerheads, shall be installed.

Upon completion of the wastewater system, the following items shall be completed:

8. A final observation of the system operation & erosion control measures shall be scheduled by the installation Contractor with District staff and the Designer. The District shall issue a discharge permit if the septic system installation is in general compliance with the design plans, regulations, resolution, and items listed herein. Leaks and other noticeable problems shall constitute a failure and rescheduling of an observation by the Contractor.

Prior to the issuance of a Discharge Permit, when construction of the wastewater system is completed, the following items shall be submitted to the SBCWD office for approval:

9. A final letter of completion by the designer that includes the following language: *I (name of designer, professional title and state registration no.) do hereby certify that based upon my inspections of the work performed on the wastewater disposal system pursuant to the repair/construction permit issued on (permit date) conformed to the plans and specifications prepared by me as approved by the Stinson Beach County Water District. This certification shall be dated and signed under penalty of perjury.*
10. "As-built" (record) drawings indicating all revisions and actual location of all installed system components shall be provided by the designer.

If you have any questions or comments, please contact the District.

Sincerely,



Ed Schmidt
General Manager

cc: Troy Pearce troy@aysengineering.com



STINSON BEACH COUNTY WATER DISTRICT

3785 Shoreline Highway • P.O. Box 245 Stinson Beach, CA 94970

Phone: (415) 868-1333

Facsimile: (415) 868-9417

E-mail: sbcwd@stinson-beach-cwd.dst.ca.us

Website: <http://Stinson-Beach-cwd.dst.ca.us>

DESIGN APPROVAL PERMIT

Board of Directors

President
Barbara Boucke

Vice President
Lawrence A. Baskin

Directors
Sandra Cross
Viorey Nelsen
Jim Zell

Treasurer
Judy Stemen

General Manager
Ed Schmidt

District Counsel
Patrick Miyaki

October 21, 2019

Patricia and Edward Cluss
329 Walsh Road
Atherton, CA 94027

ADDRESS : 302 Seadrift Road
OWNER : Patricia Cluss
ACCOUNT No. : 6890

Dear Patricia and Greg,

The Stinson Beach County Water District hereby grants this Design Approval Permit for the repair/replacement of the existing wastewater system at the above referenced property. The repair permit is granted based on Eckman Environmental plans received August 12, 2019 and conditions of approval listed in the resolution (WW 2019-16). The maximum and average daily wastewater flow rate shall be 300 and 200 gallons, respectively.

This repair permit shall be valid for 100 calendar days and expires on January 29. No extensions shall be granted.

Prior to the start of construction of the wastewater system, the following items need to be completed (forms available at District office):

1. Application/issuance of a Construction Permit for an onsite wastewater system and payment of required permit fee. This permit is required prior to the commencement of construction of any onsite wastewater system within the District.
2. Application/issuance of a Temporary Restroom Permit and payment of required permit fee (if applicable). This permit is required prior to installation and use of a temporary (portable/chemical) toilet on the premises.

During Construction, the following items shall be completed:

3. Prior to excavation, the Contractor shall stake-out the pretreatment device, leach lines, and septic tank(s) corners as shown on the design plan. Staking of property lines, utilities, and other site features shall be performed by the Contractor and observed by Staff to show conformance to Title IV setback requirements.
4. The Contractor shall remove & dispose of the existing septic system at a District approved landfill. If abandoning the existing septic tank, then the Contractor shall pump the tank and provide a copy of the pumping receipt to the District. At least one (1) hole (4-inch diameter, minimum) shall be drilled at the bottom of each septic tank

compartment. The lid shall be removed for backfill with crushed rock, sand, or other District approved material to the top of the tank. The Contractor shall call either District Staff and/or the Design Engineer for construction observations following the drilled holes and backfilled tank.

5. Periodic construction observations shall be scheduled by the Contractor with the Designer and District Engineer according to the approved Construction Inspection Notes referenced in the design plans.
6. The Contractor shall install District approved screening material on all plumbing vents to deter breeding of mosquitoes.
7. Water conservation plumbing fixtures, i.e., 1.6-gallon flush toilets and low-flow showerheads, shall be installed.

Upon completion of the wastewater system, the following items shall be completed:

8. A final observation of the system operation & erosion control measures shall be scheduled by the installation Contractor with District staff and the Designer. The District shall issue a discharge permit if the septic system installation is in general compliance with the design plans, regulations, resolution, and items listed herein. Leaks and other noticeable problems shall constitute a failure and rescheduling of an observation by the Contractor.

Prior to the issuance of a Discharge Permit, when construction of the wastewater system is completed, the following items shall be submitted to the SBCWD office for approval:

9. A final letter of completion by the designer that includes the following language: *I (name of designer, professional title and state registration no.) do hereby certify that based upon my inspections of the work performed on the wastewater disposal system pursuant to the repair/construction permit issued on (permit date) conformed to the plans and specifications prepared by me as approved by the Stinson Beach County Water District. This certification shall be dated and signed under penalty of perjury.*
10. "As-built" (record) drawings indicating all revisions and actual location of all installed system components shall be provided by the designer.

If you have any questions or comments, please contact the District.

Sincerely,



Ed Schmidt
General Manager

cc: Eckman Environmental



STINSON BEACH COUNTY WATER DISTRICT

3785 Shoreline Highway • P.O. Box 245 Stinson Beach, CA 94970

Phone: (415) 868-1333 Facsimile: (415) 868-9417

E-mail: sbcwd@stinson-beach-cwd.dst.ca.us Website: http://Stinson-Beach-cwd.dst.ca.us

DESIGN APPROVAL PERMIT

Board of Directors

President
Barbara Boucke

Vice President
Lawrence A. Baskin

Directors
Sandra Cross
Morey Nelsen
Jim Zell

Treasurer
Judy Stemen

General Manager
Ed Schmidt

District Counsel
Patrick Miyaki

September 23, 2019

Colm Brennan
P.O. Box 411625
San Francisco, CA 94141

ADDRESS : 25 Lincoln
ACCOUNT No. : 4800

Dear Colm,

The Stinson Beach County Water District hereby grants this Design Approval Permit for the wastewater system design at the above referenced property. The permit is granted based on AYS Engineering plans received July 8, 2019 and conditions of approval listed in the resolution (WW 2019-14). The maximum and average daily wastewater flow rate shall be 300 and 200 gallons, respectively.

New 150 100

This permit shall be valid for a period of three (3) years. No extensions shall be granted.

Prior to the start of construction of the wastewater system, the following items need to be completed (forms available at District office):

1. Application/Issuance of a Construction Permit for an onsite wastewater system and payment of required permit fee. This permit is required prior to the commencement of construction of any onsite wastewater system within the District.
2. Application/Issuance of a Temporary Restroom Permit and payment of required permit fee (if applicable). This permit is required prior to installation and use of a temporary (portable/chemical) toilet on the premises.

During Construction, the following items shall be completed:

3. Prior to excavation, the Contractor shall stake-out drip lines as shown on the design plan. If requested by the District Engineer, staking of property lines, utilities, and other site features shall be performed by the Contractor and observed by Staff to show conformance to Title IV setback requirements.
4. Periodic construction observations shall be scheduled by the Contractor with the Designer and District Engineer according to the approved Construction Inspection Notes referenced in the design plans.

*See
New Design
Approval Permit
1/27/20*

September 23, 2019

5. The Contractor shall install District approved screening material on all plumbing vents to deter breeding of mosquitoes or the top of the septic tank inlet tee.
6. Water conservation plumbing fixtures, i.e., 1.6-gallon flush toilets and low-flow showerheads, shall be installed.

Upon completion of the wastewater system, the following items shall be completed:

7. A final observation of the system operation & erosion control measures shall be scheduled by the installation Contractor with District staff and the Designer. The District shall issue a discharge permit if the septic system installation is in general compliance with the design plans, regulations, resolution, and items listed herein. Leaks and other noticeable problems shall constitute a failure and rescheduling of an observation by the Contractor.

Prior to the issuance of a Discharge Permit, when construction of the wastewater system is completed, the following items shall be submitted to the SBCWD office for approval:

8. A final letter of completion by the designer that includes the following language: *I (name of designer, professional title and state registration no.) do hereby certify that based upon my inspections of the work performed on the wastewater disposal system pursuant to the repair/construction permit issued on (permit date) conformed to the plans and specifications prepared by me as approved by the Stinson Beach County Water District. This certification shall be dated and signed under penalty of perjury.*
9. "As-built" (record) drawings indicating all revisions and actual location of all installed system components shall be provided by the designer.

If you have any questions or comments, please contact the District.

Sincerely,



Ed Schmidt
General Manager

cc: Troy Pearce troy@aysengineering.com



STINSON BEACH COUNTY WATER DISTRICT

3785 Shoreline Highway • P.O. Box 245 Stinson Beach, CA 94970

Phone: (415) 868-1333 Facsimile: (415) 868-9417

E-mail: sbcwd@stinson-beach-cwd.dst.ca.us Website: <http://Stinson-Beach-cwd.dst.ca.us>

DESIGN APPROVAL PERMIT

Board of Directors

President
Barbara Boucke

Vice President
Lawrence A. Baskin

Directors
Sandra Cross
Morey Nelsen
Jim Zell

Treasurer
Judy Stemen

General Manager
Ed Schmidt

District Counsel
Patrick Miyaki

September 23, 2019

Kenneth Hao and Kathy Chiao
2775 Sand Hill Road, Ste 100
Menlo Park, CA 94025

ADDRESS : 218 Seadrift Road
OWNER : Hao Family 1999 Trust
ACCOUNT No. : 6570

Dear Kenneth and Kathy,

The Stinson Beach County Water District hereby grants this Design Approval Permit for the wastewater system design at the above referenced property. The permit is granted based on AYS Engineering plans received June 24, 2019 and conditions of approval listed in the resolution (WW 2019-13). The maximum and average daily wastewater flow rate shall be 450 and 300 gallons, respectively.

This permit shall be valid for a period of three (3) years. No extensions shall be granted.

Prior to the start of construction of the wastewater system, the following items need to be completed (forms available at District office):

1. Application/Issuance of a Construction Permit for an onsite wastewater system and payment of required permit fee. This permit is required prior to the commencement of construction of any onsite wastewater system within the District.
2. Application/Issuance of a Temporary Restroom Permit and payment of required permit fee (if applicable). This permit is required prior to installation and use of a temporary (portable/chemical) toilet on the premises.

During Construction, the following items shall be completed:

3. Prior to excavation, the Contractor shall stake-out the pretreatment device, raised dispersal beds, and septic tank(s) corners as shown on the design plan. Staking of property lines, utilities, and other site features shall be performed by the Contractor and observed by Staff to show conformance to Title IV setback requirements.
4. Periodic construction observations shall be scheduled by the Contractor with the Designer and District Engineer according to the approved Construction Inspection Notes referenced in the design plans.

5. The Contractor shall install District approved screening material on all plumbing vents to deter breeding of mosquitoes.
6. Water conservation plumbing fixtures, i.e., 1.6-gallon flush toilets and low-flow showerheads, shall be installed.

Upon completion of the wastewater system, the following items shall be completed:

7. A final observation of the system operation & erosion control measures shall be scheduled by the installation Contractor with District staff and the Designer. The District shall issue a discharge permit if the septic system installation is in general compliance with the design plans, regulations, resolution, and items listed herein. Leaks and other noticeable problems shall constitute a failure and rescheduling of an observation by the Contractor.

Prior to the issuance of a Discharge Permit, when construction of the wastewater system is completed, the following items shall be submitted to the SBCWD office for approval:

8. A final letter of completion by the designer that includes the following language: *I (name of designer, professional title and state registration no.) do hereby certify that based upon my inspections of the work performed on the wastewater disposal system pursuant to the repair/construction permit issued on (permit date) conformed to the plans and specifications prepared by me as approved by the Stinson Beach County Water District. This certification shall be dated and signed under penalty of perjury.*
9. "As-built" (record) drawings indicating all revisions and actual location of all installed system components shall be provided by the designer.

If you have any questions or comments, please contact the District.

Sincerely,



Ed Schmidt
General Manager

cc: Troy Pearce troy@aysengineering.com



STINSON BEACH COUNTY WATER DISTRICT

3785 Shoreline Highway • P.O. Box 245 Stinson Beach, CA 94970

Phone: (415) 868-1333 Facsimile: (415) 868-9417

E-mail: sbcwd@stinson-beach-cwd.dst.ca.us Website: <http://Stinson-Beach-cwd.dst.ca.us>

DESIGN APPROVAL PERMIT

Board of Directors

President
Barbara Boucke

Vice President
Lawrence A. Baskin

Directors
Sandra Cross
Morey Nelsen
Jim Zell

Treasurer
Judy Stemen

General Manager
Ed Schmidt

District Counsel
Patrick Miyaki

September 16, 2019

Robert Lehe
4617 Q Street
Sacramento, CA 95819

ADDRESS : 49 Lincoln
ACCOUNT No. : 4820

Dear Robert,

The Stinson Beach County Water District hereby grants this Design Approval Permit for the wastewater system design at the above referenced property. This permit and any subsequently issued construction permit issued under this Design Approval Permit shall be invalid after November 15, 2019. The maximum and average daily wastewater flow rate shall be 450 and 300 gallons; respectively.

If construction is not completed prior to the expiration of this permit, then the septic tank shall be capped and utilized as a holding tank until the end of the wet weather season on May 1, 2020. Additionally, an audio/visual alarm shall be installed such that a high-level alarm is triggered at 80% of the existing septic tank capacity. The owner shall be responsible for work, obtaining a Maintenance Permit, and monthly District inspection fees.

Prior to the start of construction of the wastewater system, the following items need to be completed (forms available at District office):

1. Application/Issuance of a Construction Permit for an onsite wastewater system and payment of required permit fee. This permit is required prior to the commencement of construction of any onsite wastewater system within the District.
2. Application/Issuance of a Temporary Restroom Permit and payment of required permit fee (if applicable). This permit is required prior to installation and use of a temporary (portable/chemical) toilet on the premises.

During Construction, the following items shall be completed:

3. Prior to excavation, the Contractor shall stake-out leach line laterals to be replaced as shown on the design plan. If requested by the District Engineer, staking of property lines, utilities, and other site features shall be performed by the Contractor and observed by Staff to show conformance to Title IV setback requirements.

4. Periodic construction observations shall be scheduled by the Contractor with the Designer and District Engineer according to the approved Construction Inspection Notes referenced in the design plans.
5. The Contractor shall install District approved screening material on all plumbing vents to deter breeding of mosquitoes or the top of the septic tank inlet tee.
6. Water conservation plumbing fixtures, i.e., 1.6-gallon flush toilets and low-flow showerheads, shall be installed.

Upon completion of the wastewater system, the following items shall be completed:

7. A final observation of the system operation & erosion control measures shall be scheduled by the installation Contractor with District staff and the Designer. The District shall issue a discharge permit if the septic system installation is in general compliance with the design plans, regulations, resolution, and items listed herein. Leaks and other noticeable problems shall constitute a failure and rescheduling of an observation by the Contractor.

Prior to the issuance of a Discharge Permit, when construction of the wastewater system is completed, the following items shall be submitted to the SBCWD office for approval:

8. A final letter of completion by the designer that includes the following language: *I (name of designer, professional title and state registration no.) do hereby certify that based upon my inspections of the work performed on the wastewater disposal system pursuant to the repair/construction permit issued on (permit date) conformed to the plans and specifications prepared by me as approved by the Stinson Beach County Water District. This certification shall be dated and signed under penalty of perjury.*
9. "As-built" (record) drawings indicating all revisions and actual location of all installed system components shall be provided by the designer.

If you have any questions or comments, please contact the District.

Sincerely,



Ed Schmidt
General Manager

cc: Paul Pospisil PPospisil@questaec.com



STINSON BEACH COUNTY WATER DISTRICT

3785 Shoreline Highway • P.O. Box 245 Stinson Beach, CA 94970
Phone: (415) 868-1333 Facsimile: (415) 868-9417
E-mail: sbcwd@stinson-beach-cwd.dst.ca.us Website: <http://Stinson-Beach-cwd.dst.ca.us>

DESIGN APPROVAL PERMIT

August 26, 2019

Barbara Hancock
P.O. Box 505
Stinson Beach, CA 94970

ADDRESS : 6976 Panoramic Hwy
OWNER : Bekh Revocable Trust
ACCOUNT No. : 3937

Dear Barbara,

The Stinson Beach County Water District hereby grants this Design Approval Permit for the wastewater improvements at the above referenced property. This permit is granted based on Questa Engineering plans and conditions of approval listed below. The maximum and average daily wastewater flow rate shall be 600 and 400 gallons, respectively. This design approval permit shall be valid for a period of three years from date of issuance. No extensions shall be granted.

Prior to the start of construction of the wastewater improvements, the following items need to be completed (forms available at District office):

1. Application/issuance of a Construction Permit for the water main relocation and payment of required permit fee. The water main relocation is required prior to the commencement of construction of wastewater improvements.
2. Application/issuance of a Construction Permit for the wastewater improvements and payment of required permit fee. This permit is required prior to the commencement of construction of the wastewater improvements. The Service Provider contact information, listed in the application form, shall be completed.
3. Application/issuance of a Temporary Restroom Permit and payment of required permit fee (if applicable). This permit is required prior to installation and use of a temporary (portable/chemical) toilet on the premises.

During Construction, the following items shall be completed:

4. Prior to excavation, the Contractor shall stake-out the new sump tank as shown on the design plan. Staking shall be performed by the Contractor and observed by Staff to show conformance to Title IV setback requirements.

Board of Directors

President
Barbara Boucke

Vice President
Lawrence A. Baskin

Directors
Sandra Cross
Corey Nelsen
Jim Zell

Treasurer
Judy Stemen

General Manager
David Schmidt

District Counsel
Patrick Miyaki

August 26, 2019

5. Periodic construction observations shall be scheduled by the Contractor with the Designer and District Engineer according to the approved Construction Inspection Notes referenced in the design plans.
6. The Contractor shall install District approved screening material on all plumbing vents on the "barrel" house to deter breeding of mosquitoes.
7. Water conservation plumbing fixtures, i.e., 1.6-gallon flush toilets and low-flow showerheads, shall be installed in the "barrel" house.
8. A "back-up" generator, to serve the "barrel" house grinder pump, shall be installed.

Upon completion of the wastewater improvements, the following items shall be completed:

9. A final observation of the sump tank operation & erosion control measures shall be scheduled by the installation Contractor with District staff and the Designer. The District shall issue a discharge permit if the improvements are in general compliance with the design plans, regulations, and items listed herein. Leaks and other noticeable problems shall constitute a failure and rescheduling of an observation by the Contractor.

Prior to the issuance of a Discharge Permit, when construction of the wastewater improvements is completed, the following items shall be submitted to the SBCWD office for approval:

10. A final letter of completion by the designer that includes the following language: *I (name of designer, professional title and state registration no.) do hereby certify that based upon my inspections of the work performed on the wastewater disposal system pursuant to the repair/construction permit issued on (permit date) conformed to the plans and specifications prepared by me as approved by the Stinson Beach County Water District. This certification shall be dated and signed under penalty of perjury.*
11. "As-built" (record) drawings indicating all revisions and actual location of all installed system components shall be provided by the designer.

If you have any questions or comments, please contact the District.

Sincerely,



Ed Schmidt
General Manager

cc: Paul Pospisil PPospisil@questaec.com



STINSON BEACH COUNTY WATER DISTRICT

3785 Shoreline Highway • P.O. Box 245 Stinson Beach, CA 94970

Phone: (415) 868-1333 Facsimile: (415) 868-9417

E-mail: sbcwd@stinson-beach-cwd.dst.ca.us Website: <http://Stinson-Beach-cwd.dst.ca.us>

DESIGN APPROVAL PERMIT

July 22, 2019

Mary Garrison
P.O. Box 144
Stinson Beach, CA 94970

ADDRESS : 209 Dipsea Road
OWNER : Mary Garrison
ACCOUNT No. : 8160

Dear Mary,

The Stinson Beach County Water District hereby grants this Design Approval Permit for the wastewater system design at the above referenced property. This permit is granted based on Eckman Environmental plans received May 29, 2019 and conditions of approval listed in the resolution (WW 2019-10). The maximum and average daily wastewater flow rate shall be 300 and 200 gallons, respectively.

Prior to the start of construction of the wastewater system, the following items need to be completed (forms available at District office):

1. Application/issuance of a Construction Permit for an onsite wastewater system and payment of required permit fee. This permit is required prior to the commencement of construction of any onsite wastewater system within the District.
2. Application/issuance of a Temporary Restroom Permit and payment of required permit fee (if applicable). This permit is required prior to installation and use of a temporary (portable/chemical) toilet on the premises.

During Construction, the following items shall be completed:

3. Prior to excavation, the Contractor shall stake-out the pretreatment device, leach line laterals, and septic tank(s) corners as shown on the design plan. Staking of property lines, utilities, and other site features shall be performed by the Contractor and observed by Staff to show conformance to Title IV setback requirements.
4. Periodic construction observations shall be scheduled by the Contractor with the Designer and District Engineer according to the approved Construction Inspection Notes referenced in the design plans.
5. The Contractor shall install District approved screening material on all plumbing vents to deter breeding of mosquitoes.

Board of Directors

President
Barbara Boucke

Vice President:
Lawrence A. Baskin

Directors
Sandra Cross
Morey Nelsen
Jim Zell

Treasurer
Judy Stemen

General Manager
Ed Schmidt

District Counsel
Patrick Miyaki

July 22, 2019

6. Water conservation plumbing fixtures, i.e., 1.6-gallon flush toilets and low-flow showerheads, shall be installed.

Upon completion of the wastewater system, the following items shall be completed:

7. A final observation of the system operation & erosion control measures shall be scheduled by the installation Contractor with District staff and the Designer. The District shall issue a discharge permit if the septic system installation is in general compliance with the design plans, regulations, resolution, and items listed herein. Leaks and other noticeable problems shall constitute a failure and rescheduling of an observation by the Contractor.

Prior to the issuance of a Discharge Permit, when construction of the wastewater system is completed, the following items shall be submitted to the SBCWD office for approval:

8. A final letter of completion by the designer that includes the following language: *I (name of designer, professional title and state registration no.) do hereby certify that based upon my inspections of the work performed on the wastewater disposal system pursuant to the repair/construction permit issued on (permit date) conformed to the plans and specifications prepared by me as approved by the Stinson Beach County Water District. This certification shall be dated and signed under penalty of perjury.*
9. "As-built" (record) drawings indicating all revisions and actual location of all installed system components shall be provided by the designer.

If you have any questions or comments, please contact the District.

Sincerely,

Ed Schmidt
Ed Schmidt *ES*
General Manager

cc: noadiah eckman noadiah.eckman@gmail.com



STINSON BEACH COUNTY WATER DISTRICT

3785 Shoreline Highway • P.O. Box 245 Stinson Beach, CA 94970

Phone: (415) 868-1333 Facsimile: (415) 868-9417

E-mail: sbcwd@stinson-beach-cwd.dst.ca.us Website: <http://Stinson-Beach-cwd.dst.ca.us>

DESIGN APPROVAL PERMIT

Board of Directors

President
Barbara Boucke

Vice President
Lawrence A. Baskin

Directors
Sandra Cross
Morey Nelsen
Jim Zell

Treasurer
Judy Stemen

General Manager
Ed Schmidt

District Counsel
Patrick Miyaki

July 22, 2019

Jay Cohen Residence Trust
c/o Laura Altman
121 Barn Road
Tiburon, CA 94904-2923

ADDRESS : 208 Seadrift Road
OWNER : Jay Cohen Residence Trust (c/o Laura Altman)
ACCOUNT No. : 6520

Dear Laura,

The Stinson Beach County Water District hereby grants this Design Approval Permit for the wastewater system design at the above referenced property. This permit is granted based on AYS Engineering plans received May 20, 2019 and conditions of approval listed in the resolution (WW 2019-11). The maximum and average daily wastewater flow rate shall be 600 and 400 gallons, respectively.

Prior to the start of construction of the wastewater system, the following items need to be completed (forms available at District office):

1. Application/issuance of a Construction Permit for an onsite wastewater system and payment of required permit fee. This permit is required prior to the commencement of construction of any onsite wastewater system within the District.
2. Application/issuance of a Temporary Restroom Permit and payment of required permit fee (if applicable). This permit is required prior to installation and use of a temporary (portable/chemical) toilet on the premises.

During Construction, the following items shall be completed:

3. Prior to excavation, the Contractor shall stake-out the pretreatment device, leach line laterals, and septic tank(s) corners as shown on the design plan. Staking of property lines, utilities, and other site features shall be performed by the Contractor and observed by Staff to show conformance to Title IV setback requirements.
4. Periodic construction observations shall be scheduled by the Contractor with the Designer and District Engineer according to the approved Construction Inspection Notes referenced in the design plans.
5. The Contractor shall install District approved screening material on all plumbing vents to deter breeding of mosquitoes.

6. Water conservation plumbing fixtures, i.e., 1.6-gallon flush toilets and low-flow showerheads, shall be installed.

Upon completion of the wastewater system, the following items shall be completed:

7. A final observation of the system operation & erosion control measures shall be scheduled by the installation Contractor with District staff and the Designer. The District shall issue a discharge permit if the septic system installation is in general compliance with the design plans, regulations, resolution, and items listed herein. Leaks and other noticeable problems shall constitute a failure and rescheduling of an observation by the Contractor.

Prior to the issuance of a Discharge Permit, when construction of the wastewater system is completed, the following items shall be submitted to the SBCWD office for approval:

8. A final letter of completion by the designer that includes the following language: *I (name of designer, professional title and state registration no.) do hereby certify that based upon my inspections of the work performed on the wastewater disposal system pursuant to the repair/construction permit issued on (permit date) conformed to the plans and specifications prepared by me as approved by the Stinson Beach County Water District. This certification shall be dated and signed under penalty of perjury.*
9. "As-built" (record) drawings indicating all revisions and actual location of all installed system components shall be provided by the designer.

If you have any questions or comments, please contact the District.

Sincerely,

Ed Schmidt
Ed Schmidt *ES*
General Manager

cc: Troy Pearce troy@aysengineering.com



STINSON BEACH COUNTY WATER DISTRICT

3785 Shoreline Highway • P.O. Box 245 Stinson Beach, CA 94970

Phone: (415) 868-1333 Facsimile: (415) 868-9417

E-mail: sbcwd@stinson-beach-cwd.dst.ca.us Website: <http://Stinson-Beach-cwd.dst.ca.us>

NOTICE OF COMPLETE APPLICATION AND VARIANCE HEARING

March 30, 2020

Don Anderson
247 Gate 5 Road
Sausalito, CA 94965

ADDRESS : 6 Calle Del Pinos
ACCOUNT # : 0035

Dear Don,

Pursuant to District Ordinance No. 2014-04, District staff reviewed for completeness the supporting reference materials for the above listed property. The application is considered **complete**.


The application will be sent to the Regional Water Quality Control Board for their 30-day review period. Additionally, the application will be reviewed and discussed at the next Wastewater Committee meeting. These meetings typically occur monthly. We will notify both you and your designer for the next meeting date and time. The meeting is anticipated on the 1st or 2nd Monday of May. No decisions are made at the committee meeting; however, the committee will make a recommendation to the Board of Directors.

Following the committee meeting, your application will be heard by the Board of Directors for either approval or denial. The Board meeting is tentatively scheduled on May 16th (Saturday) at 9:30 am.

Given the current shelter in place requirements, all meetings will be held via communications software until further notice. The District is currently utilizing Zoom video conferencing. We will send an email with a meeting link, date and time.

If you have any questions or concerns, please feel free to call staff at the office number listed above.

Sincerely,



Richard Souza
District Engineer

Board of Directors

President
Lawrence A. Baskin

Vice President
Sandra Cross

Directors
Morey Nelsen
Jim Zell

Treasurer
Judy Stemen

General Manager
Ed Schmidt

District Counsel
Patrick Miyaki



STINSON BEACH COUNTY WATER DISTRICT

3785 Shoreline Highway • P.O. Box 245 Stinson Beach, CA 94970

Phone: (415) 868-1333

Facsimile: (415) 868-9417

E-mail: sbcwd@stinson-beach-cwd.dst.ca.us

Website: <http://Stinson-Beach-cwd.dst.ca.us>

NOTICE OF COMPLETE APPLICATION AND VARIANCE HEARING

February 10, 2020

Nancy and Rich Robbins
1120 Nye Street
San Rafael, CA 94901

ADDRESS : 288 Seadrift Road
ACCOUNT # : 6830

Dear Nancy and Rich,

Pursuant to District Ordinance No. 2014-04, District staff reviewed for completeness the revised plans and supporting reference materials for 288 Seadrift Road. The application is considered **complete**.

The application will be sent to the Regional Water Quality Control Board for their 30-day review period. Additionally, the application will be reviewed and discussed at the next Wastewater Committee meeting. These meetings typically occur monthly. We will notify both you and your designer for the next meeting date and time. No decisions are made at the committee meeting; however, the committee will make a recommendation to the Board of Directors.

Following the committee meeting, your application will be heard by the Board of Directors for either approval or denial. The Board meeting is scheduled on March 21st (Saturday) at 9:30 am in the District office.

If you have any questions or concerns, please feel free to call.

Sincerely,

Richard Souza
District Engineer

Cc: Troy Pearce troy@aysengineering.com

Board of Directors

President
Lawrence A. Baskin

Vice President
Sandra Cross

Directors
Morey Nelsen
Jim Zell

Treasurer
Judy Stemen

General Manager
Ed Schmidt

District Counsel
Patrick Miyaki



STINSON BEACH COUNTY WATER DISTRICT

3785 Shoreline Highway • P.O. Box 245 Stinson Beach, CA 94970

Phone: (415) 868-1333 Facsimile: (415) 868-9417

E-mail: sbcwd@stinson-beach-cwd.dst.ca.us Website: <http://Stinson-Beach-cwd.dst.ca.us>

NOTICE OF COMPLETE APPLICATION AND VARIANCE HEARING

Board of Directors

President
Barbara Boucke

Vice President
Lawrence A. Baskin

Directors
Sandra Cross
Morey Nelsen
Jim Zell

Treasurer
Judy Stemen

General Manager
Ed Schmidt

District Counsel
Patrick Miyaki

December 2, 2019

Brody-Yost Family Trust
C/O Paul Brody & Daniel Yost
135 Otis Avenue
Woodside, CA 94062

ADDRESS : 1 JOAQUIN PATIO, STINSON BEACH
ACCOUNT # : 1340

Dear Paul and Daniel,

Pursuant to District Ordinance No. 2014-04, District staff reviewed for completeness the plans and supporting reference materials received November 12th. The application is **complete** and will be reviewed and discussed at the next Wastewater Committee meeting.

The District will notify you once the January committee meeting is scheduled. No decisions are made at this meeting; however, the committee will make a recommendation to the Board of Directors.

Following the committee meeting, your application will be heard by the Board of Directors. The Board hearing is tentatively scheduled on January 18th (Saturday) at 9:30 am in the District office.

If you have any questions or concerns, please feel free to call.

Sincerely,

Richard Souza
District Engineer

Cc: Eckman Environmental via noadiah.eckman@gmail.com



STINSON BEACH COUNTY WATER DISTRICT

3785 Shoreline Highway • P.O. Box 245 Stinson Beach, CA 94970

Phone: (415) 868-1333

Facsimile: (415) 868-9417

E-mail: sbcwd@stinson-beach-cwd.dst.ca.us

Website: <http://Stinson-Beach-cwd.dst.ca.us>

NOTICE OF COMPLETE APPLICATION AND VARIANCE HEARING

November 4, 2019

Ms. Wendy Donner
10 Bennit Avenue
San Anselmo, CA 94960

ADDRESS : 2 MARINE WAY, STINSON BEACH
ACCOUNT # : 3760

Dear Wendy,

Pursuant to District Ordinance No. 2014-04, District staff reviewed for completeness the plans and supporting reference materials received October 28th. The application is complete and requires approval by the Board of Directors.

Prior to the Board hearing, your application will be reviewed and discussed at the next Wastewater Committee meeting tentatively scheduled on November 12th (Tuesday) at 3pm. No decisions are made at this meeting; however, the committee will make a recommendation to the Board of Directors.

Following the committee meeting, your application will be heard by the Board of Directors. The Board hearing is tentatively scheduled on November 16th (Saturday) at 9:30 am in the District office.

If you have any questions or concerns, please feel free to call.

Sincerely,

Richard Souza
District Engineer

Cc: Eckman Environmental via noadiah.eckman@gmail.com

Board of Directors

President
Barbara Boucke

Vice President
Lawrence A. Baskin

Directors
Sandra Cross
Morey Nelsen
Jim Zell

Treasurer
Judy Stemen

General Manager
Ed Schmidt

District Counsel
Patrick Miyaki



STINSON BEACH COUNTY WATER DISTRICT

3785 Shoreline Highway • P.O. Box 245 Stinson Beach, CA 94970

Phone: (415) 868-1333

Facsimile: (415) 868-9417

E-mail: sbcwd@stinson-beach-cwd.dst.ca.us

Website: <http://Stinson-Beach-cwd.dst.ca.us>

NOTICE OF COMPLETE APPLICATION AND VARIANCE HEARING

October 28, 2019

Mr. James Herbert
c/o: Steve Wisenbaker
300 Tamal Plaza #200
Corte Madera, CA 94925

ADDRESS : 182 Seadrift Road
ACCOUNT # : 6420

Dear Mr. Wisenbaker,

Pursuant to District Ordinance No. 2014-04, District staff reviewed for completeness the revised plans and supporting reference materials for 182 Seadrift Road. This application supersedes the previous application for combining lots (180 and 182 Seadrift). The application is considered **complete**.

The application will be sent to the Regional Water Quality Control Board for their 30-day review period. Additionally, the application will be reviewed and discussed at the next Wastewater Committee meeting. These meetings typically occur monthly. We will notify both you and your designer for the next meeting date and time. No decisions are made at the committee meeting; however, the committee will make a recommendation to the Board of Directors.

Following the committee meeting, your application will be heard by the Board of Directors for either approval or denial. The Board meeting is scheduled on December 21st (Saturday) at 9:30 am in the District office.

If you have any questions or concerns, please feel free to call.

Sincerely,

Richard Souza
District Engineer

Cc: Troy Pearce troy@aysengineering.com

Board of Directors

President
Barbara Boucke

Vice President
Lawrence A. Baskin

Directors
Sandra Cross
Vivory Nelsen
Jim Zell

Treasurer
Judy Stemen

General Manager
Ed Schmidt

District Counsel
Patrick Miyaki



STINSON BEACH COUNTY WATER DISTRICT

3785 Shoreline Highway • P.O. Box 245 Stinson Beach, CA 94970

Phone: (415) 868-1333 Facsimile: (415) 868-9417

E-mail: sbcwd@stinson-beach-cwd.dst.ca.us Website: <http://Stinson-Beach-cwd.dst.ca.us>

NOTICE OF COMPLETE APPLICATION AND VARIANCE HEARING

Board of Directors

President
Barbara Boucke

Vice President
Lawrence A. Baskin

Directors
Sandra Cross
Morey Nelsen
Jim Zell

Treasurer
Judy Stemen

General Manager
Ed Schmidt

District Counsel
Patrick Miyaki

October 28, 2019

Mr. James Herbert
c/o: Steve Wisenbaker
300 Tamal Plaza #200
Corte Madera, CA 94925

ADDRESS : 180 Seadrift Road
ACCOUNT # : 6410

Dear Mr. Wisenbaker,

Pursuant to District Ordinance No. 2014-04, District staff reviewed for completeness the revised plans and supporting reference materials for 180 Seadrift Road. This application supersedes the previous application for combining lots (180 and 182 Seadrift). The application is considered **complete**.

The application will be sent to the Regional Water Quality Control Board for their 30-day review period. Additionally, the application will be reviewed and discussed at the next Wastewater Committee meeting. These meetings typically occur monthly. We will notify both you and your designer for the next meeting date and time. No decisions are made at the committee meeting; however, the committee will make a recommendation to the Board of Directors.

Following the committee meeting, your application will be heard by the Board of Directors for either approval or denial. The Board meeting is scheduled on December 21st (Saturday) at 9:30 am in the District office.

If you have any questions or concerns, please feel free to call.

Sincerely,

Richard Souza
District Engineer

Cc: Troy Pearce troy@avsengineering.com



STINSON BEACH COUNTY WATER DISTRICT

3785 Shoreline Highway • P.O. Box 245 Stinson Beach, CA 94970

Phone: (415) 868-1333

Facsimile: (415) 868-9417

E-mail: sbcwd@stinson-beach-cwd.dst.ca.us

Website: <http://Stinson-Beach-cwd.dst.ca.us>

NOTICE OF COMPLETE APPLICATION AND VARIANCE HEARING

September 16, 2019

Dixon-Tananbaum Family Trust
C/o: Melanie Dixon and Greg Tananbaum
292 Coventry Road
Kensington, CA 94707

ADDRESS : 7 Francisco Patio
ACCOUNT # : 1220

Dear Melanie and Greg,

Pursuant to District Ordinance No. 2014-04, District staff reviewed for completeness the plans and supporting reference materials received August 19th. The application is **complete** and will be reviewed and discussed at the next Wastewater Committee meeting in October. Once the meeting is scheduled, we will notify you and your designer.

Following the committee meeting, your application will be heard by the Board of Directors. The Board hearing is tentatively scheduled on October 19th (Saturday) at 9:30 am in the District office.

If you have any questions or concerns, please feel free to call.

Sincerely,

Richard Souza
District Engineer

Cc: Troy Pearce troy@aysengineering.com

Board of Directors

President
Barbara Boucke

Vice President
Lawrence A. Baskin

Directors
Sandra Cross
Morey Neisen
Jim Zell

Treasurer
Judy Stemen

General Manager
Ed Schmidt

District Counsel
Patrick Miyaki



STINSON BEACH COUNTY WATER DISTRICT

3785 Shoreline Highway • P.O. Box 245 Stinson Beach, CA 94970

Phone: (415) 868-1333 Facsimile: (415) 868-9417

E-mail: sbcwd@stinson-beach-cwd.dst.ca.us Website: <http://Stinson-Beach-cwd.dst.ca.us>

NOTICE OF COMPLETE APPLICATION AND VARIANCE HEARING

Board of Directors

President
Barbara Boucke

Vice President
Lawrence A. Baskin

Directors
Sandra Cross
Morey Nelsen
Jim Zell

Treasurer
Judy Stemen

General Manager
Ed Schmidt

District Counsel
Patrick Miyaki

September 16, 2019

Mid Century Seadrift Trust
C/o: Anne MacDonald
P.O. Box 1707
Los Altos, CA 94023

ADDRESS : 148 Seadrift Road
ACCOUNT # : 6250

Dear Anne,

Pursuant to District Ordinance No. 2014-04, District staff reviewed for completeness the plans and supporting reference materials received September 5th. The application is **complete** and will be reviewed and discussed at the next Wastewater Committee meeting in October. Once the meeting is scheduled, we will notify you and your designer.

Following the committee meeting, your application will be heard by the Board of Directors. The Board hearing is tentatively scheduled on October 19th (Saturday) at 9:30 am in the District office.

If you have any questions or concerns, please feel free to call.

Sincerely,

Richard Souza
District Engineer

Cc: Troy Pearce troy@aysengineering.com



STINSON BEACH COUNTY WATER DISTRICT

3785 Shoreline Highway • P.O. Box 245 Stinson Beach, CA 94970

Phone: (415) 868-1333

Facsimile: (415) 868-9417

E-mail: sbcwd@stinson-beach-cwd.dst.ca.us

Website: <http://Stinson-Beach-cwd.dst.ca.us>

NOTICE OF COMPLETE APPLICATION AND VARIANCE HEARING

September 16, 2019

Edward & Patricia Cluss
329 Walsh Road
Atherton, CA 94027

ADDRESS : 302 SEADRIFT ROAD, STINSON BEACH
ACCOUNT # : 6890

Dear Mr. and Mrs Cluss,

Pursuant to District Ordinance No. 2014-04, District staff reviewed for completeness the plans and supporting reference materials received August 12th. The application is complete.

Your application will be reviewed and discussed at the next Wastewater Committee meeting. Once the date of this meeting is set, we will notify your septic designer. No decisions are made at this meeting; however, the committee will make recommendations to the Board of Directors.

Following the committee meeting, your application will be heard by the Board of Directors. The Board hearing is tentatively scheduled on October 19th (Saturday) at 9:30 am in the District office.

If you have any questions or concerns, please feel free to call.

Sincerely,

Richard Souza
District Engineer

Cc: Eckman Environmental via noadiah.eckman@gmail.com
Tom White via mail (P.O. Box 1055, Stinson Beach)

Board of Directors

President
Barbara Boucke

Vice President
Lawrence A. Baskin

Directors
Sandra Cross
Morey Nelsen
Jim Zell

Treasurer
Judy Stemen

General Manager
Ed Schmidt

District Counsel
Patrick Miyaki



STINSON BEACH COUNTY WATER DISTRICT

3785 Shoreline Highway • P.O. Box 245 Stinson Beach, CA 94970

Phone: (415) 868-1333

Facsimile: (415) 868-9417

E-mail: sbcwd@stinson-beach-cwd.dst.ca.us

Website: <http://Stinson-Beach-cwd.dst.ca.us>

NOTICE OF COMPLETE APPLICATION AND VARIANCE HEARING

September 3, 2019

Marla Miller & David Kremer
18 6th Avenue
San Francisco, CA 94118

ADDRESS : 149 Seadrift Road, STINSON BEACH
ACCOUNT # : 7655

Dear Marla and David,

Pursuant to District Ordinance No. 2014-04, District staff reviewed for completeness the plans and supporting reference materials received August 12th. The application is **complete** and will be reviewed and discussed at the next Wastewater Committee meeting October. Once the meeting is scheduled, we will notify you and your designer.

Following the committee meeting, your application will be heard by the Board of Directors. The Board hearing is tentatively scheduled on October 19th (Saturday) at 9:30 am in the District office.

If you have any questions or concerns, please feel free to call.

Sincerely,

Richard Souza
District Engineer

Cc: Eckman Environmental via noadiah.eckman@gmail.com

Board of Directors

President
Barbara Boucke

Vice President
Lawrence A. Baskin

Directors
Sandra Cross
Moray Neiser
Jim Zell

Treasurer
Judy Stemen

General Manager
Ed Schmidt

District Counsel
Patrick Miyaki



STINSON BEACH COUNTY WATER DISTRICT

3785 Shoreline Highway • P.O. Box 245 Stinson Beach, CA 94970

Phone: (415) 868-1333 Facsimile: (415) 868-9417

E-mail: sbcwd@stinson-beach-cwd.dst.ca.us Website: <http://Stinson-Beach-cwd.dst.ca.us>

NOTICE OF COMPLETE APPLICATION AND VARIANCE HEARING

August 5, 2019

Mr. James Herbert
c/o: Steve Wisenbaker
300 Tamal Plaza #200
Corte Madera, CA 94925

ADDRESS : 180 / 182 Seadrift Road
ACCOUNT #: 6410 / 6420

Dear Mr. Wisenbaker,

Pursuant to District Ordinance No. 2014-04, District staff reviewed for completeness the plans and supporting reference materials. The application is **complete**.

The application will be reviewed and discussed at the next Wastewater Committee meeting. These meetings typically occur monthly. We will notify both you and your designer for the next meeting date and time. No decisions are made at the committee meeting; however, the committee will make a recommendation to the Board of Directors.

Following the committee meeting, your application will be heard by the Board of Directors for either approval or denial. The Board meeting is scheduled on September 21st (Saturday) at 9:30 am in the District office.

If you have any questions or concerns, please feel free to call.

Sincerely,

Richard Souza
District Engineer

Cc: Troy Pearce troy@aysengineering.com

Board of Directors

President

Barbara Boucke

Vice President

Lawrence A. Baskin

Directors

Sandra Cross

Morey Nelsen

Jim Zell

Treasurer

Judy Stemen

General Manager

Ed Schmidt

District Counsel

Patrick Miyaki



STINSON BEACH COUNTY WATER DISTRICT

3785 Shoreline Highway • P.O. Box 245 Stinson Beach, CA 94970

Phone: (415) 868-1333 Facsimile: (415) 868-9417

E-mail: sbcwd@stinson-beach-cwd.dst.ca.us Website: <http://Stinson-Beach-cwd.dst.ca.us>

NOTICE OF COMPLETE APPLICATION

Board of Directors

President
Barbara Boucke

Vice President
Lawrence A. Baskin

Directors
Sandra Cross
Morey Nelsen
Jim Zell

Treasurer
Judy Stemen

General Manager
Ed Schmidt

District Counsel
Patrick Miyaki

July 22, 2019

Robert Lehe
4617 Q Street
Sacramento, CA 95819

ADDRESS : 49 Lincoln Avenue
A.P.N. : 195-174-04
ACCOUNT # : 4820

Dear Robert,

Pursuant to District Ordinance No. 2014-04, Staff reviewed the plans and supporting reference materials received for completeness. The application is **complete** and will be reviewed and discussed at the next Wastewater Committee meeting. Staff will send the date and time of the next available meeting. If there are no significant concerns, then the Design Approval Permit will be subsequently issued.

If you have any questions or concerns, please feel free to call.

Sincerely,

Richard Souza
District Engineer

Cc: Gary Fisher gfischerinsurance@gmail.com
Paul Pospisil PPospisil@questaec.com



STINSON BEACH COUNTY WATER DISTRICT

3785 Shoreline Highway • P.O. Box 245 Stinson Beach, CA 94970

Phone: (415) 868-1333

Facsimile: (415) 868-9417

E-mail: sbcwd@stinson-beach-cwd.dst.ca.us

Website: <http://Stinson-Beach-cwd.dst.ca.us>

NOTICE OF COMPLETE APPLICATION AND VARIANCE HEARING

July 22, 2019

Mr. Colm Brennan
P.O. Box ~~4147~~ 411625
San Francisco, CA 94141

↓ / resent
ltr. 7/24/19
Z

ADDRESS : 25 LINCOLN AVENUE, STINSON BEACH
ACCOUNT # : 4800

Dear Mr. BRENNAN,

Pursuant to District Ordinance No. 2014-04, District staff reviewed for completeness the plans and supporting reference materials received June 24th. The application is complete.

The application will be reviewed and discussed at the next Wastewater Committee meeting. These meetings typically occur monthly. We will notify both you and your designer on the next meeting date and time. No decisions are made at the committee meeting; however, the committee will make a recommendation to the Board of Directors.

Following the committee meeting, your application will be heard by the Board of Directors for either approval or denial. The Board meeting is scheduled on September 21st (Saturday) at 9:30 am in the District office.

If you have any questions or concerns, please feel free to call.

Sincerely,

Richard Souza
District Engineer

Cc: Troy Pearce troy@avsengineering.com

Board of Directors

President
Barbara Boucke

Vice President
Lawrence A. Baskin

Directors
Sandra Cross
Morey Neisen
Jim Zell

Treasurer
Judy Stemen

General Manager
Ed Schmidt

District Counsel
Patrick Miyaki



STINSON BEACH COUNTY WATER DISTRICT

3785 Shoreline Highway • P.O. Box 245 Stinson Beach, CA 94970

Phone: (415) 868-1333 Facsimile: (415) 868-9417

E-mail: sbcwd@stinson-beach-cwd.dst.ca.us Website: <http://Stinson-Beach-cwd.dst.ca.us>

NOTICE OF INCOMPLETE APPLICATION

March 2, 2020

Don Anderson
P.O. Box 364
Stinson Beach, CA 94970

ADDRESS : 6 CALLE DEL PINOS
ACCOUNT # : 0035

Dear Don,

Pursuant to District Ordinance No. 2002-01, District staff reviewed your variance application for completeness. The application is **INCOMPLETE**. This NOTICE OF INCOMPLETE APPLICATION is issued pursuant to *Section 4.07.215* of Title IV regulations. The following comments include the item(s) for completion.

1. Please note, per Section 4.15.300 Septic Tank Construction and Size, no septic tank shall be smaller than 1500-gallons.
2. Please provide a letter with adequate evidence demonstrating that all of the following conditions exist:
 - Special circumstances and conditions exist on the property that makes strict compliance with the regulation inappropriate;
 - The variance is necessary for the preservation and enjoyment of a substantial property right;
 - The variance, if granted, would not result in a cumulative adverse detrimental effect on surface or ground waters;
 - The variance will not materially adversely affect the condition of adjacent watercourses or wetlands, the conditions of subsurface water under adjacent properties, the health or safety of persons residing or working in the neighborhood of the property, and/or the general health and safety of the public.

Please provide one (1) copy of the revised plan set. If you have any questions or concerns, please feel free to call.

Sincerely,


Richard Souza
District Engineer



STINSON BEACH COUNTY WATER DISTRICT

3785 Shoreline Highway • P.O. Box 245 Stinson Beach, CA 94970

Phone: (415) 868-1333

Facsimile: (415) 868-9417

E-mail: sbcwd@stinson-beach-cwd.dst.ca.us

Website: <http://Stinson-Beach-cwd.dst.ca.us>

NOTICE OF INCOMPLETE APPLICATION

Board of Directors

President
Lawrence A. Baskin

Vice President
Sandra Cross

Directors
Barbara Boucke
Morey Nelsen
Jim Zell

Treasurer
Judy Stemen

General Manager
Ed Schmidt

District Counsel
Patrick Miyaki

March 2, 2020

Noadiah Eckman
Eckman Environmental
100 Shoreline Highway, Bldg. B. Ste 100
Mill Valley, CA 94941

via email only:
noadiah.eckman@gmail.com

ADDRESS : 1 Joaquin Patio
ACCOUNT # : 1340

Dear Noadiah,

Pursuant to District Ordinance No. 2002-01, District staff reviewed for completeness the plans and supporting reference materials received February 10th. Staff determined the application is **INCOMPLETE**. This NOTICE OF INCOMPLETE APPLICATION is issued pursuant to Section 4.07.215 of Title IV regulations. The following plan check comments include the item(s) for completion and/or recommendations

1. Sheet 2, Detail 3 Raised Bed Leachfield – Please provide a detail for the construction of the retaining wall. The note, "See Detail #7 for Specs" is incorrect.
2. Sheet 2, Detail 3 Raised Bed Leachfield – Please provide a monitoring well detail showing the type of pipe and perforations beginning at the top of the distribution bed. The note, "See Detail #8 for Specs" is incorrect.
3. Sheet 2, Detail 3 Raised Bed Leachfield – Please indicate the seasonal high-water level of 2.12 feet in the detail.
4. Per Section 4.15.130 Septic and Sump Tank Design Standards, the septic tank shall have a 1500-gallon capacity. As indicated in the design, the water elevation is lowered in the septic tank to allow for Mode 3B recirculation. By lowering the water elevation, the tank capacity and detention time are reduced. Either utilize a larger septic tank, install a separate recirculation/process tank, or raise the splitter ball and float switches to manufacturer's recommendation and install a 3" bypass pipe (set 1-inch above the HLA) to the sump tank for 24-hour emergency storage capacity.
5. Per the Wastewater Committee meeting, topographic information was requested in the design plan to allow for proper review and installation of the wastewater system. Please provide elevations and/or contours in the site plan on sheet 1.

Please provide three (3) copies of the revised plan set. If you have any questions or concerns, please feel free to call.

Sincerely,


Richard Souza
District Engineer



STINSON BEACH COUNTY WATER DISTRICT

3785 Shoreline Highway • P.O. Box 245 Stinson Beach, CA 94970

Phone: (415) 868-1333

Facsimile: (415) 868-9417

E-mail: sbcwd@stinson-beach-cwd.dst.ca.us

Website: <http://Stinson-Beach-cwd.dst.ca.us>

NOTICE OF INSPECTON AND REQUIRED COMPLIANCE (2ND LETTER)

April 20, 2020

Cedric Chao and Margaret Fujioka
121 Seaview Avenue
Piedmont, CA 94610

ADDRESS : 282 SEADRIFT ROAD, STINSON BEACH
ACCOUNT # : 6815

Dear Cedric and Margaret,

Per the District's Notice of Inspection and Required Compliance letter dated March 2nd regarding the wastewater system construction, the following is not completed:

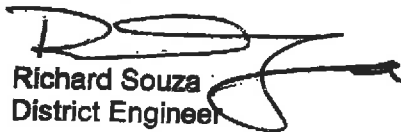
- Provide an active phone line to the telemetry panel

Please note the phone line connection is essential for the proper operation and monitoring of the wastewater system. The wastewater system shall not be utilized until the District can connect to the telemetry panel. Please coordinate with your septic contractor (Sonoma Marin Septic) to complete the remaining portions of septic system installation.

If the remaining item is not completed within 30 calendar days, then the District may abate the nuisance by turning off the water to the subject property.

If you have any questions or concerns, please feel free to call.

Sincerely,


Richard Souza
District Engineer

Cc: Troy Pearce troy@avsengineering.com

Board of Directors

President
Lawrence A. Baskin

Vice President
Sandra Cross

Directors
Barbara Boucke
Morey Nelsen
Jim Zell

Treasurer
Judy Stemen

General Manager
Ed Schmidt

District Counsel
Patrick Miyaki



STINSON BEACH COUNTY WATER DISTRICT

3785 Shoreline Highway • P.O. Box 245 Stinson Beach, CA 94970

Phone: (415) 868-1333 Facsimile: (415) 868-9417

E-mail: sbcwd@stinson-beach-cwd.dst.ca.us Website: <http://Stinson-Beach-cwd.dst.ca.us>

NOTICE OF INSPECTION AND REQUIRED COMPLIANCE

Board of Directors

President
Lawrence A. Baskin

Vice President
Sandra Cross

Directors
Barbara Boucke
Morey Nelsen
Jim Zell

Treasurer
Judy Stemen

General Manager
Ed Schmidt

District Counsel
Patrick Miyaki

March 2, 2020

Edward and Patrica Cluss
329 Walsh Rd
Atherton, CA 94027

ADDRESS : 302 SEADRIFT ROAD
OWNER : CLUSS
ACCOUNT No. : 6890

Dear Edward and Patrica,

This letter is in regard to the final compliance requirement for the new wastewater system serving the above listed property. Prior to issuance of a Discharge Permit, the following item(s) shall be completed:

1. Submit one (1) signed copy of the final letter and record drawing by the Designer

Once these item(s) are completed, the District will provide a copy of the Discharge Permit for your records. Feel free to contact the office if you have any questions.

Sincerely,

Richard Souza
District Engineer

Cc: Noadiah Eckman noadiah.eckman@gmail.com



STINSON BEACH COUNTY WATER DISTRICT

3785 Shoreline Highway • P.O. Box 245 Stinson Beach, CA 94970

Phone: (415) 868-1333 Facsimile: (415) 868-9417

E-mail: sbcwd@stinson-beach-cwd.dst.ca.us Website: <http://Stinson-Beach-cwd.dst.ca.us>

NOTICE OF INSPECTION AND REQUIRED COMPLIANCE

Board of Directors

President
Lawrence A. Baskin

Vice President
Sandra Cross

Directors
Barbara Boucke
Morey Nelsen
Jim Zell

Treasurer
Judy Stemen

General Manager
Ed Schmidt

District Counsel
Patrick Miyaki

March 2, 2020

Ryan Lange
522 Connecticut St
San Francisco, CA 94107

ADDRESS : 9 JOSE PATIO
OWNER : LANGE
ACCOUNT No. : 1440

Dear Ryan,

This letter is in regard to the final compliance requirements for the new wastewater system serving 9 Jose Patio. Prior to utilization of the wastewater system, the following items shall be completed:

1. Provide an active phone line to the telemetry panel
2. Sign-off on the construction permit by the septic contractor

Once these items are complete, you may utilize the wastewater system. Additionally, the District will provide a copy of the Discharge Permit for your records. Feel free to contact the office if you have any questions.

Sincerely,

Richard Souza
District Engineer

Cc: Melissa Kaselitz mkaselitz@yahoo.com
Troy Pearce troy@avsengineering.com



STINSON BEACH COUNTY WATER DISTRICT

3785 Shoreline Highway • P.O. Box 245 Stinson Beach, CA 94970

Phone: (415) 868-1333

Facsimile: (415) 868-9417

E-mail: sbcwd@stinson-beach-cwd.dst.ca.us

Website: <http://Stinson-Beach-cwd.dst.ca.us>

NOTICE OF INSPECTION AND REQUIRED COMPLIANCE

Board of Directors

President
Lawrence A. Baskin

Vice President
Sandra Cross

Directors
Barbara Boucke
Morey Nelsen
Jim Zell

Treasurer
Judy Stemen

General Manager
Ed Schmidt

District Counsel
Patrick Miyaki

March 2, 2020

Cedric Chao & Margaret Fujioka
121 Seaview Avenue
Piedmont, CA 94610

ADDRESS : 282 SEADRIFT ROAD
OWNER : CHAO & FUJIOKA
ACCOUNT No. : 6815

Dear Cedric and Margaret,

This is the 2nd notification letter regarding the final compliance requirements for the new wastewater system serving 282 Seadrift Road. Prior to utilization of the wastewater system, the following items shall be completed:

1. Provide an active phone line to the telemetry panel
2. Sign-off on the construction permit by the septic contractor

Once these items are complete, you may utilize the wastewater system. The District will provide a copy of the Discharge Permit. Please note, the District issues these permits only on a quarterly basis. Feel free to contact the office if you have any questions.

Sincerely,

Richard Souza
District Engineer

Cc: Troy Pearce troy@aysengineering.com



STINSON BEACH COUNTY WATER DISTRICT

3785 Shoreline Highway • P.O. Box 245 Stinson Beach, CA 94970

Phone: (415) 868-1333 Facsimile: (415) 868-9417

E-mail: sbcwd@stinson-beach-cwd.dst.ca.us Website: <http://Stinson-Beach-cwd.dst.ca.us>

NOTICE OF COMPLIANCE

Board of Directors

President
Lawrence A. Baskin

Vice President
Sandra Cross

Directors
Barbara Boucke
Morey Nelsen
Jim Zell

Treasurer
Judy Stemen

General Manager
Ed Schmidt

District Counsel
Patrick Miyaki

January 27, 2020

Ms. Wendy Donner
10 Bennit Avenue
San Anselmo, CA 94960


ADDRESS : 2/4 MARINE WAY, STINSON BEACH
ACCOUNT # : 3760

Dear Wendy,

Pursuant to District Ordinance No. 2014-04 and terms of the wastewater resolution for the above listed property, please provide the contact information for your Service Provider. A list of qualified Service Providers is included for your use.

If you have any questions or concerns, please feel free to call.

Sincerely,


Richard Souza
District Engineer

Cc: Eckman Environmental via noadiah.eckman@gmail.com



STINSON BEACH COUNTY WATER DISTRICT

3785 Shoreline Highway • P.O. Box 245 Stinson Beach, CA 94970

Phone: (415) 868-1333

Facsimile: (415) 868-9417

E-mail: sbcwd@stinson-beach-cwd.dst.ca.us

Website: <http://Stinson-Beach-cwd.dst.ca.us>

NOTICE OF INSPECTION AND REQUIRED COMPLIANCE

Board of Directors

President
Lawrence A. Baskin

Vice President
Sandra Cross

Directors
Barbara Boucke
Corey Neisen
Jim Zell

Treasurer
Ludy Stemen

General Manager
Ed Schmidt

District Counsel
Patrick Miyaki

January 27, 2020

Mary Garrison
P.O. Box 144
Stinson Beach, CA 94970

ADDRESS : 209 DIPSEA ROAD
OWNER : GARRISON
ACCOUNT No. : 8160

Dear Mary,

The final construction inspection for your wastewater system serving 209 Dipsea Road is complete. Prior to the issuance of a Discharge Permit, the following items shall be completed:

1. Provide an active phone line to the telemetry panel
2. Sign-off on the construction permit by the septic contractor

Please feel free to contact the office if you have any questions regarding the Construction permit.

Sincerely,

Richard Souza
District Engineer

Cc: Nicholas Johnson nickj@comcast.net
Noadiah Eckman noadiah.eckman@gmail.com



STINSON BEACH COUNTY WATER DISTRICT

3785 Shoreline Highway • P.O. Box 245 Stinson Beach, CA 94970

Phone: (415) 868-1333

Facsimile: (415) 868-9417

E-mail: sbcwd@stinson-beach-cwd.dst.ca.us

Website: <http://Stinson-Beach-cwd.dst.ca.us>

NOTICE OF INSPECTION AND REQUIRED COMPLIANCE

November 12, 2019

Robert Lehe
4617 Q Street
Sacramento, CA 95819

ADDRESS : 49 Lincoln Avenue
ACCOUNT # : 4820

Dear Robert,

The construction inspection for your wastewater system serving 49 Lincoln Avenue is not complete. Prior to the issuance of a Discharge Permit, the following items shall be completed within 30-days:

1. Completed/Signed construction permit and fee
2. Relocation and Inspection of the relocated domestic water lateral 10-feet from the septic system.
3. Final Letter and Record Drawings prepared by the Designer

Until such time as the items above are complete, your septic system shall not be utilized. The septic tank shall be disconnected from the leach field and utilized as a holding tank. If the items above are not completed within 30-days, then the District will perform monthly inspections and charge applicable fees until the items above are complete. If the septic tank is not disconnected from the leach field, then the District may terminate water service.

Please feel free to contact the office if you have any questions regarding the Construction permit.

Sincerely,

Richard Souza
District Engineer

Cc: Nicholas Johnson nickj@comcast.net

Board of Directors

President
Barbara Boucke

Vice President
Lawrence A. Baskin

Directors
Sandra Cross
Morey Nelsen
Jim Zell

Treasurer
Judy Stemen

General Manager
Ed Schmidt

District Counsel
Patrick Miyaki



STINSON BEACH COUNTY WATER DISTRICT

3785 Shoreline Highway • P.O. Box 245 Stinson Beach, CA 94970

Phone: (415) 868-1333

Facsimile: (415) 868-9417

E-mail: sbcwd@stinson-beach-cwd.dst.ca.us

Website: <http://Stinson-Beach-cwd.dst.ca.us>

NOTICE OF INSPECTION AND REQUIRED COMPLIANCE

October 7, 2019

Richard & Molley Lowry
54 Woodland Avenue
San Francisco, CA 94117

ADDRESS : 110 Seadrift Road
ACCOUNT # : 6060

Dear Richard & Molley,

The final construction inspection for your wastewater system serving 110 Seadrift Road is complete. Prior to the issuance of a Discharge Permit, the following items shall be completed:

1. Septic designer shall submit one (1) signed copy of the Final Letter and Record Drawings

Please feel free to contact the office if you have any questions regarding the Construction permit.

Sincerely,

Richard Souza
District Engineer

Cc: Troy Pearce troy@avsengineering.com

Board of Directors

President

Barbara Boucke

Vice President

Lawrence A. Baskin

Directors

Sandra Cross

Morey Nelsen

Jim Zell

Treasurer

Judy Stemen

General Manager

Ed Schmidt

District Counsel

Patrick Miyaki



STINSON BEACH COUNTY WATER DISTRICT

3785 Shoreline Highway • P.O. Box 245 Stinson Beach, CA 94970

Phone: (415) 868-1333

Facsimile: (415) 868-9417

E-mail: sbcwd@stinson-beach-cwd.dst.ca.us

Website: <http://Stinson-Beach-cwd.dst.ca.us>

NOTICE OF INSPECTION AND REQUIRED COMPLIANCE

September 9, 2019

Thomas and Linda Coates
655 Montgomery Street, Suite 1700
San Francisco, CA 94111

ADDRESS : 253 Seadrift Road
ACCOUNT # : 7410

Dear Thomas and Linda,

The final construction inspection for your wastewater system serving 253 Seadrift Road is complete. Prior to the issuance of a Discharge Permit, the following items shall be completed:

1. Install a phone line to the telemetry control panel
2. Septic designer shall submit one (1) signed copy of the Final Letter and Record Drawings

Please feel free to contact the office if you have any questions regarding the Construction permit.

Sincerely,


Richard Souza
District Engineer

Cc: Troy Pearce troy@aysengineering.com

Board of Directors

President
Barbara Boucke

Vice President
Lawrence A. Baskin

Directors
Sandra Cross
Morey Nelsen
Jim Zell

Treasurer
Judy Stemen

General Manager
Ed Schmidt

District Counsel
Patrick Miyaki



STINSON BEACH COUNTY WATER DISTRICT

3785 Shoreline Highway • P.O. Box 245 Stinson Beach, CA 94970
Phone: (415) 868-1333 Facsimile: (415) 868-9417
E-mail: sbcwd@stinson-beach-cwd.dst.ca.us Website: <http://Stinson-Beach-cwd.dst.ca.us>

NOTICE OF INSPECTION AND REQUIRED COMPLIANCE

Board of Directors

President
Barbara Boucke

Vice President
Lawrence A. Baskin

Directors
Sandra Cross
Moray Nelsen
Jim Zell

Treasurer
Judy Stemen

General Manager
Ed Schmidt

District Counsel
Patrick Miyaki

September 3, 2019

Ann W. Skjei Trust
c/o: Karen Skjei
2735 NW Arthur Avenue
Corvallis, OR 97330

ADDRESS : 348 Seadrift Road
ACCOUNT # : 7110

Dear Karen,

The final construction inspection for your wastewater system serving 348 Seadrift Road is complete. Prior to the issuance of a Discharge Permit, the following item shall be completed:

1. Septic designer shall submit one (1) signed copy of the Final Letter and Record Drawings

Please feel free to contact the office if you have any questions regarding the Construction permit.

Sincerely,

Richard Souza
District Engineer

Cc: [noadiah eckman noadiah.eckman@gmail.com](mailto:noadiah.eckman@noadiah.eckman@gmail.com)



STINSON BEACH COUNTY WATER DISTRICT

3785 Shoreline Highway • P.O. Box 245 Stinson Beach, CA 94970

Phone: (415) 868-1333

Facsimile: (415) 868-9417

E-mail: sbcwd@stinson-beach-cwd.dst.ca.us

Website: <http://Stinson-Beach-cwd.dst.ca.us>

INSPECTION AND REQUIRED COMPLIANCE

Board of Directors

President
Barbara Boucke

Vice President
Lawrence A. Baskin

Directors
Sandra Cross
Morey Nelsen
Jim Zell

Treasurer
Judy Stemen

General Manager
Ed Schmidt

District Counsel
Patrick Miyaki

August 26, 2019

Ramsay Breslin
1298 Monterey Avenue
Berkeley, CA 94907

ADDRESS : 11 Marine Way
ACCOUNT # : 3870

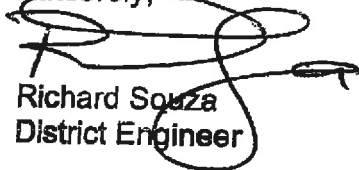
Dear Ramsay,

The final construction inspection for your wastewater system serving 185 Seadrift Road is complete. Prior to the issuance of a Discharge Permit, the following items shall be completed:

1. Install a phone line to the telemetry control panel
2. Septic designer shall submit one (1) signed copy of the Final Letter and Record Drawings

Please feel free to contact the office if you have any questions regarding the Construction permit.

Sincerely,



Richard Souza
District Engineer

Cc: Noadiah Eckman noadiah.eckman@gmail.com



STINSON BEACH COUNTY WATER DISTRICT

3785 Shoreline Highway • P.O. Box 245 Stinson Beach, CA 94970

Phone: (415) 868-1333

Facsimile: (415) 868-9417

E-mail: sbcwd@stinson-beach-cwd.dst.ca.us

Website: <http://Stinson-Beach-cwd.dst.ca.us>

Board of Directors

President

Lawrence A. Baskin

Vice President

Sandra Cross

Directors

Barbara Boucke

Morey Nelsen

Jim Zell

Treasurer

Judy Stemen

General Manager

Ed Schmidt

District Counsel

Patrick Miyaki

February 24, 2020

Ms. Megan Alton, Planner
Marin County Community Development Agency
3501 Civic Center Drive, Room 308
San Rafael, CA 94903-4157

Via email
malton@marincounty.org

**RE: CCW TRUST COASTAL PERMIT
7230 PANORAMIC HWY, STINSON BEACH
COUNTY PROJECT ID #: P2760
SBCWD ACCOUNT #: 3980**

Dear Megan,

The District is responding to the Planning Division Transmittal dated February 12th for the above listed property. The application **does not** contain sufficient information for our review and additional documents are required from the applicant to support the proposed building improvements. Based on our review of the application in conformance with the District's Title IV Regulations – Onsite Wastewater Management Code, the following items are necessary prior to County approval of the proposed project:

- *Per Section 4.01.410 Alterations and Additions Amounting to New Construction, the wastewater system serving the new single-family residence shall meet current code. The existing dual gravity wastewater system installed in 1984 does not meet current code and requires replacement.*
- *The applicant shall submit an application for the upgrade/replacement of the wastewater system per Section 4.07.110 – Application for New Construction Permit.*

Thank you for sending the Planning Referral Transmittal documents. Please note the District's records indicate the address as 7230 Panoramic Hwy, which differs from the plans and transmittal letter. Design review for a new wastewater application typically takes 2-3 months. Please contact the District if you have any questions.

Sincerely,

Richard Souza, P.E.
Stinson Beach County Water District



STINSON BEACH COUNTY WATER DISTRICT

3785 Shoreline Highway • P.O. Box 245 Stinson Beach, CA 94970

Phone: (415) 868-1333 Facsimile: (415) 868-9417

E-mail: sbcwd@stinson-beach-cwd.dst.ca.us Website: <http://Stinson-Beach-cwd.dst.ca.us>

Board of Directors

President

Lawrence A. Baskin

Vice President

Sandra Cross

Directors

Barbara Boucke

Morey Nelsen

Jim Zell

Treasurer

Judy Stemen

General Manager

Ed Schmidt

District Counsel

Patrick Miyaki

January 27, 2020

Immanuel Bereket, Planner
Marin County Community Development Agency
3501 Civic Center Drive, Room 308
San Rafael, CA 94903-4157

RE: ROBBINS TRUST COASTAL PERMIT, DESIGN REVIEW, & VARIANCE

PROJECT ADDRESS: 288 SEADRIFT ROAD, STINSON BEACH

COUNTY PROJECT ID #: P2726

SBCWD ACCOUNT #: 6830

Dear Immanuel,

The District is responding to your Planning Division Transmittal dated January 24th for the above listed property. The transmittal contains sufficient information for review. Per the District's Title IV Onsite Wastewater Management Code, the existing wastewater system shall be replaced/upgraded to meet current code.

A wastewater design review application for the subject property is currently under review by the District. There is one (1) variance request to:

- Section 4.19.010 Use of Alternative Wastewater System Designs

This variance request requires a 30-day review period from the Regional Water Quality Control Board and approval from the District's Board of Directors. The Board Hearing is tentatively schedule on March 21st. Please condition the County's Design Review and Variance approval on the issuance of a wastewater permit by the Stinson Beach County Water District.

Thank you for sending the Planning Transmittal documents. If you have any questions or comments, feel free to contact the District.

Sincerely,

Richard Souza, P.E.
Stinson Beach County Water District



STINSON BEACH COUNTY WATER DISTRICT

3785 Shoreline Highway • P.O. Box 245 Stinson Beach, CA 94970

Phone: (415) 868-1333

Facsimile: (415) 868-9417

E-mail: sbcwd@stinson-beach-cwd.dst.ca.us

Website: <http://Stinson-Beach-cwd.dst.ca.us>

Board of Directors

President
Barbara Boucke

Vice President
Lawrence A. Baskin

Directors
Sandra Cross
Morey Nelsen
Jim Zell

Treasurer
Judy Stemen

General Manager
Ed Schmidt

District Counsel
Patrick Miyaki

November 12, 2019

Michelle Levenson
Marin County Community Development Agency
3501 Civic Center Drive, Room 308
San Rafael, CA 94903-4157

Via email only
mlevenson@marincounty.org

**RE: HERBERT COAST PERMIT, DESIGN REVIEW, & VARIANCE
182 SEADRIFT ROAD, STINSON BEACH
COUNTY PROJECT ID #: P2635
SBCWD ACCOUNT #: 6420**

Dear Michelle,

The District is responding to your Planning Division Transmittal dated November 7th for the above listed property. The transmittal contains sufficient information for review. Per the District's Title IV Onsite Wastewater Management Code, the existing wastewater system shall be replaced/upgraded to meet current code.

A wastewater design review application for the subject property is currently under review by the District. There is one (1) variance request to:

- Section 4.19.010 Use of Alternative Wastewater System Designs

This variance request requires a 30-day review period from the Regional Water Quality Control Board and approval from the District's Board of Directors. The Board Hearing is tentatively schedule on December 21st. Please condition the County's Design Review and Variance approval on the issuance of a wastewater permit by the Stinson Beach County Water District.

Thank you for sending the Planning Transmittal documents. If you have any questions or comments, feel free to contact the District.

Sincerely,

Richard Souza, P.E.
Stinson Beach County Water District



STINSON BEACH COUNTY WATER DISTRICT

3785 Shoreline Highway • P.O. Box 245 Stinson Beach, CA 94970

Phone: (415) 868-1333

Facsimile: (415) 868-9417

E-mail: sbcwd@stinson-beach-cwd.dst.ca.us

Website: <http://Stinson-Beach-cwd.dst.ca.us>

Board of Directors

President
Barbara Boucke

Vice President
Lawrence A. Baskin

Directors
Sandra Cross
Morey Nelsen
Jim Zell

Treasurer
Judy Stemen

General Manager
Ed Schmidt

District Counsel
Patrick Miyaki

November 12, 2019

Michelle Levenson
Marin County Community Development Agency
3501 Civic Center Drive, Room 308
San Rafael, CA 94903-4157

Via email only
mlevenson@marincounty.org

RE: HERBERT COAST PERMIT, DESIGN REVIEW, & VARIANCE
180 SEADRIFT ROAD, STINSON BEACH
COUNTY PROJECT ID #: P2636
SBCWD ACCOUNT #: 6410

Dear Michelle,

The District is responding to your Planning Division Transmittal dated November 7th for the above listed property. The transmittal contains sufficient information for review. Per the District's Title IV Onsite Wastewater Management Code, the existing wastewater system shall be replaced/upgraded to meet current code.

A wastewater design review application for the subject property is currently under review by the District. There is one (1) variance request to:

- **Section 4.19.010 Use of Alternative Wastewater System Designs**

This variance request requires a 30-day review period from the Regional Water Quality Control Board and approval from the District's Board of Directors. The Board Hearing is tentatively schedule on December 21st. Please condition the County's Design Review and Variance approval on the Issuance of a wastewater permit by the Stinson Beach County Water District.

Thank you for sending the Planning Transmittal documents. If you have any questions or comments, feel free to contact the District.

Sincerely,

Richard Souza, P.E.
Stinson Beach County Water District



STINSON BEACH COUNTY WATER DISTRICT

3785 Shoreline Highway • P.O. Box 245 Stinson Beach, CA 94970

Phone: (415) 868-1333

Facsimile: (415) 868-9417

E-mail: sbcwd@stinson-beach-cwd.dst.ca.us

Website: <http://Stinson-Beach-cwd.dst.ca.us>

Board of Directors

President
Barbara Boucke

Vice President
Lawrence A. Baskin

Directors
Sandra Cross
Morey Nelsen
Jim Zell

Treasurer
Judy Stemen

General Manager
Ed Schmidt

District Counsel
Patrick Miyaki

October 7, 2019

Ms. Sabrina Sihakom, Planner
Marin County Community Development Agency
3501 Civic Center Drive, Room 308
San Rafael, CA 94903-4157

Via email
ssihakom@marincounty.org

**RE: FIMRITE COASTAL PERMIT AND DESIGN REVIEW
11 ALAMEDA PATIO, STINSON BEACH
COUNTY PROJECT ID #: P2612
SBCWD ACCOUNT #: 1100**

Dear Sabrina,

The District is responding to the Planning Division Second Transmittal dated October 1st for the above listed property. The application contains sufficient information for our review and no additional documents from the County are required. Based on our review, the District requires the following item prior to County approval of the proposed project:

- Per the conditions of approval in the Resolution No. 2016-02, the proposed building improvements require a new variance application. The applicant shall submit application documents to the District with a variance request to *Title IV - Section 4.01.410 Alterations and Additions Amounting to New Construction*. The Board of Directors will review and decide whether to approve or deny the variance request.

Thank you for sending the Planning Referral Transmittal documents. Please contact the District if you have any questions.

Sincerely,

Richard Souza, P.E.
Stinson Beach County Water District

APPENDIX D

SURFACE WATER MONITORING TABLE

SURFACE WATER SAMPLING STATIONS

Station	Date	Fecal Coliform MPN/100ml	Ammonia Nitrogen mg/l	Nitrate mg/l	Nitrite mg/l	Nitrate +Nitrite mg/l	MBAS as LAS mg/l
S-5	4/7/20	31.0	0.20				<0.05
	2/7/20	110.0	0.20				<0.05
	12/10/19	94.0	0.20				<0.05
	8/6/19	240.0	0.20	0.90			<0.05
S-6	2/7/20	46.0	0.20				<0.05
	8/6/19	170.0	0.20	0.36			<0.05

APPENDIX E

GROUNDWATER MONITORING TABLE

GROUNDWATER SAMPLING STATIONS

Station	Date	Fecal Coliform Mpu/100ml	Ammonia Nitrogen mg/l	Nitrate mg/l	Nitrite mg/l	Nitrate +Nitrite mg/l	MBAS as LAS mg/l
MW-1	5/11/2020	2.0	3.1				<0.05
	2/10/2020	2.0	0.6				<0.05
	11/4/2019	2.0	8.3	<0.20			<0.05
	8/12/2019	2.0	4.5	<0.20			0.06
MW-2	5/11/2020	2.0	2.7				<0.05
	2/10/2020	2.0	1.9				<0.05
	11/4/2019	2.0	7.0	<0.20			<0.05
	8/12/2019	2.0	2.2	<0.20			<0.05
MW-3	5/11/2020	2.0	3.9				<0.05
	2/10/2020	2.0	1.70				<0.05
	11/4/2019	2.0	3.90	<0.20			0.06
	8/12/2019	2.0	3.50	<0.20			0.05
MW-4	2/10/2020	2.0	0.2				<0.05
	11/4/2019	2.0	0.20	<0.20			<0.05
	8/12/2019	2.0	0.20	<0.20			<0.05
MW-5	5/11/2020	2.0	0.2				0.05
	2/10/2020	2.0	0.20				<0.05
	11/4/2019	2.0	0.20	<0.20			<0.05
	8/12/2019	2.0	0.20	<0.20			<0.05
MW-6	5/11/2020	2.0	0.2				<0.05
	2/10/2020	2.0	0.20				<0.05
	11/4/2019	1600.0	0.20	<0.20			<0.05
	8/12/2019	2.0	0.20	1.60			<0.05
MW-7	5/12/2020	2.0	3.3				<0.05
	2/11/2020	2.0	5.30				0.07
	11/5/2019	1600.0	8.40	0.20			0.07
	8/13/2020	2.0	8.20	0.20			<0.05
MW-9	5/11/2020	2.0	0.2				<0.05
	2/11/2020	2.0	0.20				<0.05
	11/5/2019	4.5	0.20	0.21			<0.05
	8/13/2020	2.0	0.20	0.24			0.06
GW-1	5/12/2020	2.0	0.20	<0.20			<0.05
	11/4/2019	2.0	0.20	1.80			<0.05
	8/12/2019	2.0	0.20				<0.05

