Sea Ranch Central Sanitation Zone

State Water Resource Control Board

Sewer System Management Plan (SSMP)

June 2008

Last Updated: August 2011

The Sonoma County Water Agency manages 9 wastewater collection and treatment systems in Sonoma County. They are Airport-Larkfield-Wikiup Sanitation Zone, Geyserville Sanitation Zone, Occidental County Sanitation District, Penngrove Sanitation Zone, Russian River County Sanitation District, Sea Ranch Central Wastewater Sanitation Zone, Sea Ranch North Wastewater Sanitation Zone, Sonoma Valley County Sanitation District, and the South Park County Sanitation District. Throughout this report any one of the above facilities may be mentioned.

Sea Ranch Central Sanitation Zone

Background

The Sea Ranch North and Central Sanitation Zones (Sea Ranch North & Central SZs) service areas cover approximately 4,600 acres. The Sea Ranch North & Central SZs provide service to approximately 830 parcels using a gravity collection system and treats wastewater from approximately 280 ESDs. There are four lift stations in the Sea Ranch North SZ, one is located on Leeward Road, the second is on Helm Road, the third is on Tide Pool Road, and the fourth is also located on Leeward Road. The Sea Ranch North SZ Wastewater Treatment Plant is located on Highway 1 in Sea Ranch. This plant became operational in 1972. The treatment plant is designed to provide secondary treatment for an average daily dry weather flow of up to 160,000 gpd and currently treats approximately 22,000 gpd. The plant includes: a headworks, one aeration pond, filtration, chlorination, and a storage capacity of 8.4 million gallons. The treated wastewater from the Sea Ranch North SZ is disposed of by transferring to Gualala CSD for tertiary treatment and ultimate disposal on the Sea Ranch Gold Links. There is a percolation pond for emergency disposal. There is one lift station in the Sea Ranch Central SZ that is located on Wild Iris Road. The Sea Ranch Central SZ Wastewater Treatment Plant is located on Highway 1 in Sea Ranch. This plant became operational in 1971. The treatment plant is designed to provide secondary treatment for an average daily dry weather flow of up to 27,000 gpd and currently treats approximately 2,000 gpd. The plant includes: a headworks, one aerated pond, chlorination, and a storage capacity of 1.74 million gallons. The treated wastewater from the Sea Ranch Central SZ Treatment Plant is used for irrigation.

State Water Resources Control Board
Sewer System Management Plan Development Guide (SSMP)

Elements		Responsible Staff	Helpful Staff	Due Date	Completed	Date Completed
1	**Goals**	Kevin B	Pam J, Mike T	5/1/2008	☻	8/31/2007
2	**Organizational Structure**	Kevin B	Pam J, Mike T	5/1/2008	☻	8/31/2007
3	**Legal Authority**	Kevin B	Pam J, Mike T	2/1/2010	☻	8/31/2007
4	**Operation and Maintenance**			2/1/2010	☻	8/31/2007
	Mapping	Courtney E	Ken G	2/1/2010	☻	8/31/2007
	Preventative maintenance program	Ken G/Mike T	Jim Z, Randy C, Hody W, Jim S	2/1/2010	☻	8/31/2007
	Rehabilitation and replacement program	Gary L, Rob H, Ken G	Jim Z, Randy C, Hody W	2/1/2010	☻	8/31/2007
	Inspection program	Ken G & Mike C	Jim Z, Randy C, Hody W	2/1/2010	☻	8/31/2007
	Staff training	Ken G	Jim Z, Randy C, Hody W	2/1/2010	☻	8/31/2007
	Equipment and parts inventory	Gary L, Rob H, Ken G	Jim Z, Randy C, Hody W	2/1/2010	☻	8/31/2007
5	**Design and Performance**			2/1/2010	☻	8/31/2007
	Design standards	Cordel S		2/1/2010	☻	8/31/2007
	Inspection and testing standards	Cordel S		2/1/2010	☻	8/31/2007
6	**Overflow Emergency Response Plan**	Hody W	Pam J, Mike T	2/1/2010	☻	8/31/2007
7	**Fats, Oils & Grease Control Program**			2/1/2010	☻	8/31/2007
	FOG Ordinance	Ellen S		2/1/2010	☻	8/31/2007
	FOG program	Ellen S		2/1/2010	☻	8/31/2007
8	**System Evaluation and Capacity Assurance Plan**	Cordel S & Mike T	Jim Z, Randy C, Hody W	8/1/2010	☻	

9	**Monitoring, Measurement, and Program Modification**	Ken G	Jim Z, Randy C, Hody W	8/1/2010	☻	8/31/2007
10	**SSMP Audits**	All		8/1/2010	☻	8/31/2007
11	**Communication Program**			8/1/2010	☻	8/31/2009
	Communications with the public	Kevin B	Brad S	8/1/2010	☻	8/31/2009
	Communications with satellite agency	Kevin B	Brad S	8/1/2010	☻	8/31/2009

Cordel S	Cordel Stillman	Jim S	Jim Scriven	Pam J	Pam Jeane
Courtney E	Courtney Ellerbusch	Jim Z	Jim Zambenini	Randy C	Randy Cullen
Don S	Don Seymour	Ken G	Ken Goddard	Rob H	Rob Hammond
Ellen S	Ellen Simm	Kevin B	Kevin Booker	Wendy G	Wendy Gjestland
Gary L	Gary Leach	Mike C	Mike Conachy	Brad S	Brad Sherwood
Hody W	Hody Wilson	Mike T	Mike Thompson		