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**Central Valley Regional Water Quality Control Board**

18 July 2018

Paul Howard  
Auburn Ridge Woods LLC  
8251 Alpine Ave  
Sacramento, CA 95826

**CERTIFIED MAIL**  
**91 7199 9991 7039 7041 3046**

**NOTICE OF APPLICABILITY**

**GENERAL WASTE DISCHARGE REQUIREMENTS FOR  
SMALL DOMESTIC WASTEWATER TREATMENT SYSTEMS  
ORDER WQ 2014-0153-DWQ**

**FOR**

**AUBURN RIDGE WOODS, LLC.,  
AUBURN RIDGE WOODS MOBILE HOME PARK, PLACER COUNTY**

Auburn Ridge Woods LLC. submitted a Report of Waste Discharge (RWD) dated 12 July 2017 describing the Auburn Ridge Woods Mobile Home Park (MHP) wastewater treatment facility (WWTF) in Placer County. The WWTF provides treatment and disposal service for domestic wastewater generated from 33 mobile homes, nine cabins, one duplex, and one laundry facility. The WWTF discharge has been regulated by Waste Discharge Requirements (WDR) Order R5-2005-0175, which was adopted on 29 November 2005. Based on information provided in the RWD, the wastewater treatment system and discharge is consistent with the requirements of the State Water Resources Control Board (State Water Board) *General Waste Discharge Requirements for Small Domestic Wastewater Treatment Systems*, Order WQ 2014-0153-DWQ (General Order). This Notice of Applicability (NOA) serves as formal notice that upon rescission of Order R5-2005-0175 at the October 2018 Board meeting, the discharge shall be regulated pursuant to the General Order and this NOA. You are hereby assigned Order WQ 2014-0153-DWQ-R5283 for the discharge. A copy of the General Order is enclosed and available at: [http://www.waterboards.ca.gov/board\\_decisions/adopted\\_orders/water\\_quality/2014/wqo2014\\_0153\\_dwq.pdf](http://www.waterboards.ca.gov/board_decisions/adopted_orders/water_quality/2014/wqo2014_0153_dwq.pdf)

You should familiarize yourself with the entire General Order and its attachments, which describe mandatory discharge and monitoring requirements. The General Order contains operational and reporting requirements by wastewater system type. Sampling, monitoring, and reporting requirements applicable to your treatment and disposal methods must be completed in accordance with the appropriate treatment system sections of the General Order and the attached Monitoring and Reporting Program (MRP) 2014-0153-DWQ-R5283. The Discharger is responsible for all the applicable requirements that exist in the General Order and this NOA.

**EXISTING FACILITY AND DISCHARGE DESCRIPTION**

The Auburn Ridge Woods MHP WWTF is owned and operated by Auburn Ridge Woods LLC. (hereafter “Discharger”) and is located at 14135 Musso Road in Placer County as shown on Attachment A, which is attached hereto and is made part of this NOA by reference. The MHP is located in an area without a regional wastewater collection system; therefore, wastewater is collected and treated on-site. A site plan is shown on Attachment B, which is attached hereto and made part of this NOA by reference.

The WWTF serves 33 mobile home, nine cabins, one duplex, and one laundry facility. At full capacity, approximately 66 people utilize the system. The MHP obtains domestic drinking water from an on-site groundwater well, which is regulated by the Placer County Environmental Health Department. No transient recreational vehicle (RV) waste is disposed of at the site. Wastewater flows from the housing units and laundry facility via gravity into a collection system. The collection and treatment system consists of approximately 1,200 feet of collection piping, three concrete septic systems where solids are removed, two 1,200-gallon pump tanks, and an evaporation and percolation pond, as shown on Attachment C, which is attached hereto and made part of this NOA by reference. The 0.15-acre evaporation and percolation pond is aerated and has a capacity of approximately 470,426 gallons at two feet of freeboard.

Wastewater flow rates in 2017 into the pond were approximately 2,500 gallons per day (gpd) with a maximum of 3,391 gpd. Wastewater quality in the pond is shown below.

<b>Average Pond Wastewater Quality for 2017</b>			
	<b>BOD<sub>5</sub></b>	<b>Nitrate as Nitrogen</b>	<b>TKN</b>
<b>Average (mg/L)</b>	205	0.19	85
BOD <sub>5</sub> = Biochemical oxygen demand			
TKN = Total Kjeldahl Nitrogen			

Three groundwater monitoring wells are located on-site around the wastewater pond, as shown on Attachment B. In 2017, depths to groundwater in the wells ranged from approximately 30 to 35 feet below ground surface (bgs). Groundwater flow directions can vary between northwest and northeast. Groundwater quality for select constituents is shown below.

<b>Groundwater Quality <sup>1</sup></b>					
		<b>Nitrate as N (mg/L)</b>	<b>TDS (mg/L)</b>	<b>EC (µmhos/cm)</b>	<b>Total Coliform (MPN/100ml)</b>
<b>MW1</b>	2016	0.9	195.5	343	2
	2017	0.7	174.5	302.8	2
<b>MW2</b>	2016	2.9	123.3	206.8	413
	2017	1.9	117.5	165.3	116.8
<b>MW3</b>	2016	2.9	123.8	219	628.8
	2017	1.9	102	172.8	561

<sup>1</sup> Average concentrations for 2016 and 2017 are shown.

EC = electric conductivity  
 MPN/100mL = most probably number/100 milliliters  
 N = nitrogen  
 TDS = total dissolved solids

The Discharger has been monitoring groundwater since 2007. Generally, concentrations show decreasing trends over time. Concentrations of coliforms in the groundwater samples indicate the wells need disinfection. Overall, nitrate, EC, and TDS data indicate that the pond is not impacting groundwater.

**SITE-SPECIFIC REQUIREMENTS AND EFFLUENT LIMITS**

Note that the General Order contains prohibitions and specifications that apply to all wastewater treatment systems as well as those that only apply to specific treatment and/or disposal systems. The specific requirements and effluent limits for your treatment system are summarized below.

The wastewater treatment operator must be certified and familiar with the requirements contained in the General Order, this NOA, and the MRP.

**Requirements by Wastewater System Type, Section B of General Order**

All Wastewater Systems (Section B.1 of General Order)

This section applies in its entirety to the Auburn Ridge Woods MHP WWTF with the following site-specific requirements.

1. Influent flow limits (Section B.1.a of General Order).

Treatment Unit	Flow Limit as Monthly Average
Evaporation/ Percolation Pond	4,000 gpd

2. Wastewater system setbacks (Section B.1.l of General Order).

This is an existing facility, constructed prior the issuance of the General Order for Small Domestic Wastewater Treatment Systems, and the wastewater pond may not be compliant with the setbacks shown below and in the General Order. However, the WWTF will still be permitted under this General Order provided that nuisance conditions do not result from noncompliance. Expansion of a noncomplying WWTF shall trigger further evaluation of the setbacks, as described in Section B.1.l of the General Order.

Equipment or Activity	Domestic Well	Flowing Stream	Ephemeral Stream Drainage	Property Line	Lake or Reservoir
Septic Tank, Treatment System, & Collection System <sup>1</sup>	150 ft.	50 ft.	50 ft.	5 ft.	200 ft.
Impoundment (Evaporation/Percolation Pond) <sup>1</sup>	150 ft.	150 ft.	150 ft.	50 ft.	200 ft.

<sup>1</sup>Setbacks referenced in Table 3 of General Order.

Septic Systems

The WWTF utilizes a septic tank; therefore Section B.2 of General Order applies in its entirety.

Pond Systems

The WWTF utilizes a pond system; therefore Section B.5 of General Order applies in its entirety.

Subsurface Disposal Systems

The WWTF utilizes a subsurface disposal system; therefore Section B.6 of General Order applies in its entirety.

**Effluent Limitations, Section D of General Order**

Staff evaluated the need for a total nitrogen effluent limit using the method contained in the General Order and determined that a nitrogen effluent limit is not required because the monthly average flow is less than 20,000 gpd.

**Technical Report Preparation Requirements, Provisions Section E.1 of General Order**

The following technical reports shall be submitted as described below:

1. By **1 November 2018**, the Discharger shall submit a *Spill Prevention and Emergency Response Plan* (Response Plan) consistent with the requirements of General Order Provision E.1.a.
2. By **1 November 2018**, the Discharger shall submit a *Sampling and Analysis Plan* consistent with the requirements of General Order Provision E.1.b.
3. By **1 November 2018**, the Discharger shall disinfect the three groundwater monitoring wells. The Discharger shall document the completion of the disinfection in the Annual Groundwater Monitoring report due 1 February 2019.

**MONITORING AND REPORTING PROGRAM**

The Discharger shall comply with MRP 2014-0153-DWQ-R5283, which is attached hereto and made part of this NOA by reference. Monitoring under MRP 2014-0153-DWQ-R5283 shall begin **1 November 2018**.

**ENFORCEMENT**

Please review this NOA carefully to ensure that it completely and accurately reflects the discharge. Discharge of wastes other than those described in this NOA is prohibited. Prior to allowing changes to the wastewater strength or generation rate, or to the method of waste disposal, you must contact the Central Valley Regional Water Board to determine if submittal of an RWD is required.

Auburn Ridge Woods, LLC. will generate the waste subject to the terms and conditions of WQ 2014-0153-DWQ-R5283 and will maintain exclusive control over the discharge. As such, Auburn Ridge Woods, LLC. is primarily responsible for compliance with this NOA, MRP, and General Order, with all attachments. Failure to comply with the requirements in the General Order or this NOA could result in an enforcement action as authorized by provisions of the California Water Code.

**ANNUAL FEES**

Staff has determined the discharge is a threat to water quality and complexity rating of 3-C. The annual fee corresponding to a threat to water quality and complexity of 3-C is currently \$2,088. The fee is due and payable on an annual basis until coverage under the General Order is formally rescinded. Please note that the annual fees are reviewed each year and may change. You must provide written notice if and when the wastewater discharge ceases, so that we can terminate coverage under the General Order and no longer bill you.

**DOCUMENT SUBMITTAL**

All monitoring reports and other correspondence should be converted to searchable Portable Document Format (PDF) and submitted electronically. Documents that are less than 50 MB should be emailed to:

*centralvalleysacramento@waterboards.ca.gov*.

To ensure that your submittal is routed to the appropriate staff person, the following information should be included in the body of the email or any documentation submitted to the mailing address for this office:

Facility Name: Auburn Ridge Woods Mobile Home Park, Placer County		
Program: Non-15 Compliance	Order: 2014-0153-DWQ-R5283	CIWQS Place ID: 227242

Documents that are 50 MB or larger should be copied to a CD, DVD, or flash drive and mailed to:

Central Valley Regional Water Quality Control Board  
ECM Mailroom  
11020 Sun Center Drive, Suite 200  
Rancho Cordova, CA 95670

Now that the Notice of Applicability has been issued, the Board's Compliance and Enforcement section will take over management of your case. Guy Childs is your new point of contact for any questions about the General Order. If you find it necessary to make a change to your permitted operations, Guy will direct you to the appropriate Permitting staff. You may contact Guy at (916) 464-4648 or at [gchilds@waterboards.ca.gov](mailto:gchilds@waterboards.ca.gov).

*--original signed by Andrew Altevogt for--*

Patrick Palupa  
Executive Officer

enc: Water Quality Order WQ 2014-0153-DWQ  
Monitoring and Reporting Program 2014-0153-DWQ-R5283  
Attachment A, Site Location Map  
Attachment B, Site Plan  
Attachment C, Wastewater Treatment System Schematic

cc w/out enc: Timothy O'Brien, State Water Resources Control Board, Sacramento  
Placer County Environmental Health Department, Auburn

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
CENTRAL VALLEY REGION

MONITORING AND REPORTING PROGRAM WQ 2014-0153-DWQ-R5283

FOR

AUBURN RIDGE WOODS, LLC  
AUBURN RIDGE WOODS MOBILE HOME PARK WWTF  
PLACER COUNTY

This Monitoring and Reporting Program (MRP) describes requirements for monitoring a wastewater treatment system at the Auburn Ridge Woods Mobile Home Park (MHP) WWTF. This MRP is issued pursuant to Water Code section 13267. The Discharger shall not implement any changes to this MRP unless and until a revised MRP is issued by the Regional Water Quality Control Board, Central Valley Region (Central Valley Water Board) or Executive Officer.

Water Code section 13267 states, in part:

“In conducting an investigation specified in subdivision (a), the regional board may require that any person who has discharged, discharges, or is suspected of having discharged or discharging, or who proposes to discharge waste within its region, or any citizen or domiciliary, or political agency or entity of this state who has discharged, discharges, or is suspected of having discharged or discharging, or who proposes to discharge, waste outside of its region that could affect the quality of waters within its region shall furnish, under penalty of perjury, technical or monitoring program reports which the regional board requires. The burden, including costs, of these reports shall bear a reasonable relationship to the need for the report and the benefits to be obtained from the reports. In requiring those reports, the regional board shall provide the person with a written explanation with regard to the need for the reports, and shall identify the evidence that supports requiring that person to provide the reports.”

Water Code section 13268 states, in part:

“(a) Any person failing or refusing to furnish technical or monitoring program reports as required by subdivision (b) of section 13267, or failing or refusing to furnish a statement of compliance as required by subdivision (b) of section 13399.2, or falsifying any information provided therein, is guilty of a misdemeanor and may be liable civilly in accordance with subdivision (b).

(b)(1) Civil liability may be administratively imposed by a regional board in accordance with article 2.5 (commencing with section 13323) of chapter 5 for a violation of subdivision (a) in an amount which shall not exceed one thousand dollars (\$1,000) for each day in which the violation occurs.”

The Auburn Ridge Woods WWTF discharge is regulated by the Notice of Applicability (NOA) of Water Quality Order 2014-0153-DWQ-R5283 and is owned and operated by

Auburn Ridge Woods, LLC. Pursuant to Water Code section 13267, the Discharger shall implement this MRP and submit the monitoring reports described herein. The reports are necessary to ensure that the Discharger complies with the NOA and General Order.

All samples shall be representative of the volume and nature of the discharge or matrix of material sampled. The name of the sampler, sample type (grab or composite), time, date, location, bottle type, and any preservative used for each sample shall be recorded on the sample chain of custody form. The chain of custody form must also contain all custody information including date, time, and to whom samples were relinquished. If composite samples are collected, the basis for sampling (time or flow weighted) shall be approved by Central Valley Water Board staff.

Field test instruments (such as those used to test pH, dissolved oxygen, and electrical conductivity) may be used provided that they are used by a State Water Resources Control Board, Environmental Laboratory Accreditation Program certified laboratory, or:

1. The user is trained in proper use and maintenance of the instruments;
2. The instruments are field calibrated prior to monitoring events at the frequency recommended by the manufacturer;
3. Instruments are serviced and/or calibrated by the manufacturer at the recommended frequency; and
4. Field calibration reports are maintained and available for at least three years.

### INFLUENT FLOW MONITORING

Influent flow to the evaporation and percolation pond shall be monitored at the location shown in Attachment C as specified below:

Parameter	Units	Type of Sample	Monitoring Frequency	Reporting Frequency
Average Daily Influent Flow	MGD	Meter Observation	Daily	Quarterly

### EFFLUENT MONITORING

Effluent samples shall be collected from evaporation and percolation pond. A grab sample from the pond will be considered representative of the effluent. At a minimum, the Discharger shall monitor effluent as specified below:

Parameter	Units	Type of Sample	Monitoring Frequency	Reporting Frequency
BOD <sub>5</sub> <sup>1</sup>	mg/L	Grab	Monthly	Quarterly
Total Nitrogen	mg/L	Grab	Monthly	Quarterly

<sup>1</sup> 5-day Biochemical Oxygen Demand.

### POND MONITORING

The Discharger shall monitor the evaporation and percolation pond as specified below.

Parameter	Units	Type of Sample	Monitoring Frequency	Reporting Frequency
Freeboard <sup>1</sup>	0.1 feet	Staff Gage	Weekly	Quarterly
Levee Condition	--	Observation	Weekly	Quarterly
Seepage <sup>2</sup>	--	Observation	Weekly	Quarterly
Odors	--	Observation	Weekly	Quarterly
Dissolved Oxygen <sup>3</sup>	mg/L	Grab	Monthly	Quarterly

<sup>1</sup> Freeboard shall be measured vertically from the surface of the pond water to the lowest elevation of the surrounding berm and shall be measured to the nearest 0.1 feet.

<sup>2</sup> Pond containment berms shall be observed for signs of seepage or surfacing water along the exterior toe. If surfacing water is found, then a sample shall be collected and tested for total coliform organisms and total dissolved solids.

<sup>3</sup> Dissolved oxygen shall be monitored at each pond that contains at least one foot of standing water. The report shall state how much water was in the pond if dissolved oxygen was not monitored. Samples shall be collected opposite the pond inlet at a depth of one foot.

### SEPTIC TANK MONITORING

Septic tanks shall be inspected and/or pumped at least as frequently as described below. Inspections of sludge and scum depth are not required if the tanks are pumped at least annually.

Parameter	Units	Measurement Type	Inspection/Reporting Frequency
Sludge depth and scum thickness in each compartment of tank	Feet	Staff Gauge	Annually
Distance between bottom of scum layer and bottom of outlet device	Inches	Staff Gauge	Annually
Distance between top of sludge layer and bottom of outlet device	Inches	Staff Gauge	Annually

As specified in General Order WQ 2014-0153-DWQ, septic tanks shall be pumped when any one of the following conditions exists:

1. The combined thickness of sludge and scum exceeds one-third of the tank depth of the first compartment.
2. The scum layer is within 3 inches of the outlet device.
3. The sludge layer is within 8 inches of the outlet device.

If a septic tank is pumped during the year, the pumping record shall be submitted with the annual report. At a minimum, the record shall include the date, nature of service, service company name, and service company license number.

### SOLIDS DISPOSAL MONITORING

The Discharger shall report the handling and disposal of all solids (e.g., screenings, grit, sludge, biosolids, etc.) generated at the wastewater system. Records shall include the name/contact information for the hauling company, the type and amount of waste



transported, the date removed from the wastewater system, the disposal facility name and address, and copies of analytical data required by the entity accepting the waste. These records shall be submitted as part of the annual monitoring report.

### GROUNDWATER MONITORING

Groundwater monitoring wells MW1 through MW3 shall be monitored according to the schedule below. Monitoring data and groundwater flow direction analysis shall be performed semiannually (twice per year) and shall be performed under the supervision of a California licensed civil engineer or geologist. After wastewater disposal has begun and six semiannual groundwater monitoring events have occurred, the Discharger may request a reduced monitoring and reporting schedule if groundwater monitoring data indicate that the discharge is not impacting groundwater quality.

Parameter	Units <sup>1</sup>	Sample Type	Sampling Frequency	Reporting Frequency
Groundwater Elevation <sup>1</sup>	0.01 Feet	Calculated	Semiannually	Annually
Depth to Groundwater <sup>2</sup>	0.01 Feet	Calculated	Semiannually	Annually
Gradient	Feet/Feet	Calculated	Semiannually	Annually
Gradient Direction	Degrees	Calculated	Semiannually	Annually
pH	Std. Units	Grab	Semiannually	Annually
Total Dissolved Solids	mg/L	Grab	Semiannually	Annually
Nitrate as Nitrogen	mg/L	Grab	Semiannually	Annually
Total Coliform Organisms	MPN/100 mL	Grab	Semiannually	Annually

- <sup>1.</sup> Groundwater elevation shall be based on depth to water using a surveyed measuring point elevation on the well and a surveyed reference elevation.
- <sup>2.</sup> Depth to groundwater shall be reported as feet below ground surface.

### REPORTING

All monitoring reports should be converted to a searchable Portable Document Format (PDF) and submitted electronically. Documents that are less than 50MB should be emailed to: [centralvalleysacramento@waterboards.ca.gov](mailto:centralvalleysacramento@waterboards.ca.gov).

Documents that are 50 MB or larger should be transferred to a CD, DVD, or flash drive and mailed to the following address:

Central Valley Regional Water Quality Control Board  
 ECM Mailroom  
 11020 Sun Center Drive, Suite 200  
 Rancho Cordova, California 95670

To ensure that your submittal is routed to the appropriate staff person, the following information should be included in the body of the email or transmittal sheet:

Attention: Compliance/Enforcement Section  
 Auburn Ridge Woods, LLC  
 Auburn Ridge Woods MHP WWTF  
 Placer County  
 Place ID: 227242

In reporting monitoring data, the Discharger shall arrange the data in tabular form so that the date, sample type (e.g., effluent, solids, etc.), and reported analytical or visual inspection results are readily discernible. The data shall be summarized to clearly illustrate compliance with the General Order and NOA as applicable. The results of any monitoring done more frequently than required at the locations specified in the MRP shall be reported in the next regularly scheduled monitoring report and shall be included in calculations as appropriate.

Monitoring information shall include the method detection limit (MDL) and the Reporting limit (RL) or practical quantitation limit (PQL). If the regulatory limit for a given constituent is less than the RL (or PQL), then any analytical results for that constituent that are below the RL (or PQL) but above the MDL shall be reported and flagged as estimated. For a Discharger conducting any of its own analyses, reports must be signed and certified by the chief of the laboratory.

#### **A. Quarterly Monitoring Reports**

Quarterly reports shall be submitted to the Regional Water Board on the **first day of the second month after the quarter ends** (e.g., the January-March Quarterly Report is due by May 1<sup>st</sup>). The fourth quarter monitoring report can be submitted as part of the annual monitoring report. The reports shall bear the certification and signature of the Discharger's authorized representative. At a minimum, the quarterly reports shall include:

1. Results of all required quarterly monitoring. Data shall be organized by the associated monitoring sections (e.g., Flow Monitoring, Effluent Monitoring, etc.) and presented in tabular format.
2. A comparison of monitoring data to the discharge specifications, flow limit, and effluent limits.
3. A disclosure of any violations of the NOA and/or General Order requirements and an explanation of corrective actions.
4. If requested by staff, copies of laboratory analytical report(s) and chain of custody form(s).

#### **B. Annual Report**

Annual Reports shall be submitted to the Regional Water Board by **February 1<sup>st</sup> following the monitoring year**. The Annual Report can contain the fourth quarter monitoring report. The Annual Report shall include the following:

1. Tabular and graphical summaries of all monitoring data collected during the year.
2. An evaluation of the performance of the wastewater treatment system, including discussion of capacity issues, nuisance conditions, system problems, and a forecast of the flows anticipated in the next year. A flow rate evaluation, as




## GLOSSARY

BOD <sub>5</sub>	Five-day biochemical oxygen demand
DO	Dissolved oxygen
TDS	Total dissolved solids
Daily	Every day except weekends or holidays.
Weekly	Once per week.
Monthly	Once per calendar month.
Quarterly	Once per calendar quarter.
Semiannually	Once every six calendar months (i.e., two times per year) during non-consecutive quarters.
Annually	Once per year.
mg/L	Milligrams per liter
gpd	Gallons per day
mgd	Million gallons per day
MPN/100 mL	Most probable number [of organisms] per 100 milliliters



Drawing Reference:  
U.S.G.S  
TOPOGRAPHIC  
MAP  
7.5 MINUTE QUAD

  
approx. scale  
1 in. = 2,000 ft.

**SITE LOCATION MAP**  
AUBURN RIDGE WOODS  
MOBILE HOME PARK  
PLACER COUNTY



**SITE PLAN**

AUBURN RIDGE WOODS MOBILE HOME  
PARK WWTF

PLACER COUNTY

Figure Reference: RWD, 2017

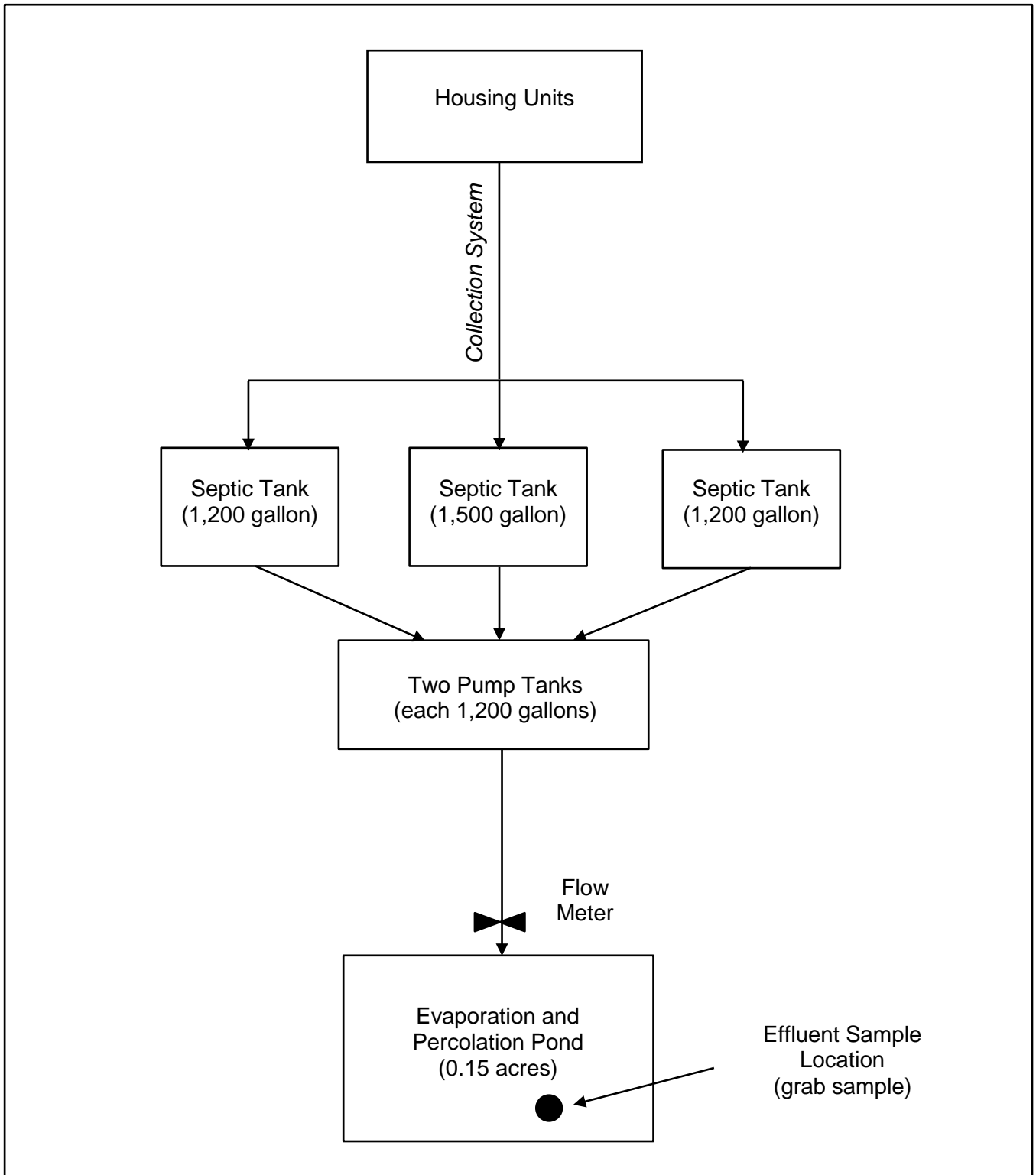


Figure Reference: RWD, 2017

**WASTEWATER FLOW SCHEMATIC**  
**AUBURN RIDGE WOODS**  
**MOBILE HOME PARK**  
**PLACER COUNTY**