
Central Valley Regional Water Quality Control Board

27 September 2017

Linda Frazier
Prime West Investments, Inc.
Riverdale Mobile Home Park
27038 County Road 92F
Winters, CA 95694

CERTIFIED MAIL
91 7199 9991 7035 8420 3484

NOTICE OF APPLICABILITY
GENERAL WASTE DISCHARGE REQUIREMENTS FOR
SMALL DOMESTIC WASTEWATER TREATMENT SYSTEMS
ORDER WQ 2014-0153-DWQ
FOR
PRIME WEST INVESTMENTS, INC.
RIVERDALE MOBILE HOME PARK
SACRAMENTO COUNTY

Prime West Investments, Inc. submitted a Report of Waste Discharge (RWD) dated 21 August 2017, describing the Riverdale Mobile Home Park Wastewater Treatment Facility (WWTF) in Sacramento County. Based on the provided information, 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) provides notice that the General Order is applicable to the site as described below. You are hereby assigned Order WQ 2014-0153-DWQ-R5244 for the discharge. A copy of the General Order is enclosed and also available at:

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) WQ 2014-0153-DWQ-R5244. The Discharger is responsible for all the applicable requirements that exist in the General Order and this NOA.

REGULATORY BACKGROUND

The Riverdale Mobile Home Park is an existing facility and is not regulated by Waste Discharge Requirements (WDR). The mobile home park, which was built in the 1930s, has been operating under permit number 34-0054-MP issued by the California Department of Housing and Community Development.

EXISTING FACILITY AND DISCHARGE DESCRIPTION

Prime West Investments, Inc. (hereafter "Discharger") owns and operates the WWTF located at 1501 Northgate Boulevard in Sacramento (Section 30, T9N, R5E) as shown on Attachment A, which is attached hereto and is made part of this NOA by reference

The site is comprised of a relatively long, narrow strip of land bordered on the south by the American River, adjacent to State Route 160 and a levee system. The nearest sanitary sewer is approximately a half a mile away and would require a permit to cross the levee.

The mobile home park was built with the capacity to service up to 80 mobile home units. Each mobile home unit is permanently fixed to each space. The existing WWTF consists of septic tanks and seepage pits that currently services approximately eleven users. The waste is typical of waste generated by single family dwellings. A transient population is not expected and recreational vehicle (RV) waste discharges are not allowed on site.

Based on a 22 March 2006 field investigation conducted to observe existing soil conditions and perform percolation tests, depth to groundwater was determined to be approximately 9 feet below ground surface. The site has no groundwater monitoring wells. Water supply is supplied by the City of Sacramento.

FACILITY CHANGES

The Discharger plans to renovate the mobile home park from 80 to 44 mobile home units. The existing septic tanks and seepage pits will be replaced with a new gravity sanitary sewer collection system and a new treatment and disposal system with a design capacity of 11,000 gallons per day. The treatment and disposal system will consist of a 15,000 gallon capacity primary septic tank, a secondary treatment unit, and a pressure dosed subsurface drip system. The treatment unit incorporates multiple-pass, packed-bed, aerobic wastewater treatment technology that includes a recirculate/blend chamber, recirculate/filtrate chamber, and textile media filter. The subsurface disposal area is approximately 8,120 square feet and an additional 8,070 square feet of area is reserved for future replacement disposal area. A site plan and wastewater flow schematic of the proposed changes is shown on Attachment B, which is attached hereto and is made part of this NOA by reference.

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

B.1 All Wastewater Systems

This applies in its entirety to the Riverdale Mobile Home Park WWTF with the following site specific requirements.

B.1.a Influent flow limits.

Treatment Unit	Flow Limit as Monthly Average
Primary Septic Tank	11,000 gpd

B.1.1 Wastewater system setbacks.

Equipment or Activity	Domestic Well	Flowing Stream ¹	Ephemeral Stream Drainage ²	Property Line	Lake or Reservoir ³
Septic Tank, Aerobic Treatment Unit, Treatment System, or Collection System ⁴	150 ft. ⁵	50 ft. ⁶	50 ft.	5 ft. ⁶	200 ft. ⁷
Subsurface Dispersal System	100 ft. ⁶	100 ft. ⁶	50 ft.	5 ft. ⁶	200 ft. ⁷

- ¹ A flowing stream shall be measured from the ordinary high water mark established by fluctuations of water elevation and indicated by characteristics such as shelving, changes in soil character, vegetation type, presence of litter or debris, or other appropriate means.
- ² Ephemeral stream drainage denotes a surface water drainage feature that flows only after rain or snow-melt and does not have sufficient groundwater seepage (baseflow) to maintain a condition of flowing surface water. The drainage shall be measured from a line that defines the limit of the ordinary high water mark (described in "1" above). Irrigation canals are not considered ephemeral streams drainage features. The ephemeral stream shall be a "losing stream" (discharging surface water to groundwater) at the proposed wastewater system site.
- ³ Lake or reservoir boundary measured from the high water line.
- ⁴ Septic Tank, Aerobic Treatment Unit, Treatment System, or Collection System addresses equipment located below ground or than impedes leak detection by routine visual inspection.
- ⁵ Setback established by Onsite Wastewater Treatment System Policy, section 7.5.6.
- ⁶ Setback established by California Plumbing Code, Table K-1.
- ⁷ Setback established by the Onsite Wastewater Treatment System Policy, section 7.5.5.

B.2 Septic Systems

The WWTF utilizes a septic tank; therefore this section applies in its entirety.

B.3 Aerobic Treatment Units

The WWTF utilizes a treatment unit, which provides aerobic treatment technology consisting of multiple-pass textile media filters, a recirculate/blend chamber, and a recirculate/filtrate chamber; therefore this section applies in its entirety.

B.6 Subsurface Disposal Systems

The WWTF utilizes a subsurface disposal system; therefore this section applies in its entirety. The Discharger does not meet the standard 100-percent replacement of the subsurface disposal system requirement, but can provide a 99-percent replacement area. Prior to use of the replacement disposal area, the Discharger shall provide an equivalent contingency to meet the replacement requirement as described in Section B.6.b of the General Order.

Effluent Limitations, Section D of General Order

This section applies in its entirety to the Riverdale Mobile Home Park WWTF and shall include the following site specific limitations.

Effluent Limitations

The following limits apply to effluent from the secondary treatment unit prior to subsurface discharge at the designated application area.

Constituent	Units	Limit
BOD	mg/L	30 (monthly average), 45 (7-day average)
TSS	mg/L	30 (monthly average), 45 (7-day average)

Effluent Limit Rationale

The secondary treatment unit is subject to technology performance effluent limits for biochemical oxygen demand (BOD) and total suspended solids (TSS) as specified in the 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 necessary because the monthly average flow will be 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 2 January 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 2 January 2018**, the Discharger shall submit a *Sampling and Analysis Plan* consistent with the requirements of General Order Provision E.1.b.
3. **By 2 January 2018**, the Discharger shall submit a *Sludge Management Plan* consistent with the requirements of Provision E.1.c.
4. **At least 60 days prior** to decommissioning the existing septic tanks and seepage pits, the Discharger shall submit a *Septic Tank and Seepage Pit Closure Workplan* that includes, at a minimum, the following information: (a) estimated volume of solids in each tank and/or pit, (b) methods that will be used to remove solids from the tank and/or pit, (c) method of solids disposal and the location where solids are to be disposed, and (d) plans for backfilling and final grading of the septic tank and pit areas.
5. **At least 45 days after** decommissioning the septic tanks and seepage pits, the Discharger shall submit a *Septic Tank and Seepage Pit Closure Report* that provides results of the tank and pit closure activities, describes any deviations to the *Septic Tank and Seepage Pit Closure Workplan*, and copies of all demolition permits issued by the local agency.
6. **At least 90 days prior** to use of the replacement dispersal area, the Discharger shall submit an equivalent contingency to meet the replacement requirement as described in Section B.6.b of the General Order.

MONITORING AND REPORTING PROGRAM

The Discharger shall comply with MRP 2014-0153-DWQ-R5244, which is attached hereto and made part of this NOA by reference.

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.

Prime West Investments, Inc. will generate the waste subject to the terms and conditions of WQ 2014-0153-DWQ-R5244 and will maintain exclusive control over the discharge. As such, Prime West Investments, Inc. 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. If the wastewater discharge ceases, you must provide written notice 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: Riverdale Mobile Home Park, Sacramento County		
Program: Non-15 Compliance	Order: 2014-0153-DWQ-R5244	CIWQS Place ID: 839233

Documents that are 50 MB or larger should be transferred 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*.

- original signed by Andrew Altevogt for -

PAMELA C. CREEDON
Executive Officer

enc: Water Quality Order WQ 2014-0153-DWQ
Monitoring and Reporting Program 2014-0153-DWQ-R5244
Attachment A, Site Location Map
Attachment B, Site Plan and Wastewater Flow Schematic

cc w/o enc: Timothy O'Brien, State Water Resources Control Board, Sacramento
Sacramento Environmental Management Department, Mather
California Department of Housing and Community Development, Sacramento
Robert Eynck, RFE Engineering, Inc., Roseville

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION

MONITORING AND REPORTING PROGRAM WQ 2014-0153-DWQ-R5244

FOR

PRIME WEST INVESTMENTS, INC.
RIVERDALE MOBILE HOME PARK
SACRAMENTO COUNTY

This Monitoring and Reporting Program (MRP) describes requirements for monitoring a wastewater treatment system at the Riverdale Mobile Home Park. 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.”

Prime West Investments, Inc. owns and operates the wastewater system that is subject to the Notice of Applicability (NOA) of Water Quality Order 2014-0153-DWQ-R5244. The

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

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 shall be monitored upstream of the treatment system at the inlet of the primary septic tank as shown in Attachment B as specified below:

Parameter	Units	Type of Sample	Monitoring Frequency	Reporting Frequency
Average Daily Influent Flow	GPD	Meter ¹	Daily	Quarterly

GPD denotes gallons per day.

¹ Flow rate may be metered or estimated based on potable water supply meter readings or other approved method.

SEPTIC TANK MONITORING

Septic tank(s) 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

Parameter	Units	Measurement Type	Inspection/Reporting Frequency
Distance between top of sludge layer and bottom of outlet device	Inches	Staff Gauge	Annually
Effluent filter condition (if equipped, clean as needed)	NA	NA	Annually

NA denotes not applicable.

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.

AEROBIC TREATMENT UNIT MONITORING

Effluent Monitoring

Samples of effluent shall be taken at an area that represents the effluent quality discharged to the disposal area. At a minimum, effluent monitoring shall consist of the following:

Parameter	Units	Type of Sample	Monitoring Frequency	Reporting Frequency
BOD ₅ ¹	mg/L	Grab	Monthly	Quarterly
Total Suspended Solids	mg/L	Grab	Monthly	Quarterly

GPD denotes gallons per day. Mg/L denotes milligrams per liter.

¹ 5-day biochemical oxygen demand.

Aerobic treatment units may be integrated in a treatment train and all components shall be inspected to verify operational status. It is highly recommended that a service agreement with a qualified service provider/vendor be required by the Regional Water Board's Executive Officer. Because aerobic treatment units generate more biosolids than septic systems (similar to the activated sludge process), systems shall be inspected and/or pumped at least as frequently as described below. Depending upon the amount of solids removed from the aerobic treatment unit, less frequent inspections may be allowed by the Regional Water Board's Executive Officer. 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	Quarterly
Distance between bottom of scum layer and bottom of outlet device	Inches	Staff Gauge	Quarterly
Distance between top of sludge layer and bottom of outlet device	Inches	Staff Gauge	Quarterly
Effluent filter condition (if equipped, clean as needed)	NA	NA	Quarterly

NA denotes not applicable.

As specified in General Order WQ 2014-0153-DWQ, aerobic treatment units 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 final settling tank or interferes with the operation of the system (mixed liquor aerator solids shall not exceed the manufacturer's recommendation).
2. The scum layer is within 3 inches of the outlet device.
3. The sludge layer is within 8 inches of the outlet device.

All pumping reports shall be submitted with the next regularly scheduled monitoring report. At a minimum, the record shall include the date, nature of service, service company, name, and service company license number.

SUBSURFACE DISPOSAL AREA

Subsurface disposal areas may be configured many different ways (e.g. traditional leach field, pressure-dosed, drip system, mound/at grade, gravel less, etc.). In general, monitoring shall be sufficient to determine if wastewater is evenly applied, the disposal area is not saturated, burrowing animals and/or deep rooted plants are not present, and odors are not present. Inspection of dosing pump controllers, automatic distribution valves, etc. is required to maintain optimum treatment in the disposal area (and any sand or media filter if present). Monitoring shall include, at a minimum, the following:

Parameter	Inspection Frequency	Reporting Frequency
Pump Controllers, Automatic Valves, etc. ¹	Quarterly	Quarterly
Nuisance Odor Condition	Quarterly	Quarterly
Saturated Soil Conditions ²	Quarterly	Quarterly
Plant Growth ³	Quarterly	Quarterly
Vectors or Animal Burrowing ⁴	Quarterly	Quarterly

¹ All pump controllers and automatic distribution valves shall be inspected for proper operation as recommended by the manufacturer.

² Inspect a disposal area for saturated conditions.

- ³ Shallow-rooted plants are generally desirable, deep-rooted plants such as trees shall be removed as necessary.
⁴ Evidence of animals burrowing shall be immediately investigated and burrowing animal populations controlled as necessary.

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.

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*.

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
Prime West Investments, Inc.
Riverdale Mobile Home Park
Sacramento County
Place ID: 839233

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 1st). 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 1st following the monitoring year**. 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 described in the General Order (Provision E.2.c), shall also be submitted if required.
3. A statement of whether septic tanks were pumped during the year and a copy of pumping records. The report shall also contain a tabulated summary of historical pumping dates, nature of service, and service company names and license number.
4. A discussion of compliance and the corrective action taken, as well as any planned or proposed actions needed to bring the discharge into compliance with the NOA and/or General Order.
5. A discussion of any data gaps and potential deficiencies/redundancies in the monitoring system or reporting program.
6. The name and contact information for the wastewater operator responsible for operation, maintenance, and system monitoring.

A letter transmitting the monitoring reports shall accompany each report. The letter shall report violations found during the reporting period, and actions taken or planned to correct the violations and prevent future violations. The transmittal letter shall contain the following penalty of perjury statement and shall be signed by the Discharger or the Discharger's authorized agent:

“I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of the those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.”

The Discharger shall implement the above monitoring program as of the date of this MRP.

Ordered by:

- original signed by Andrew Altevogt for -

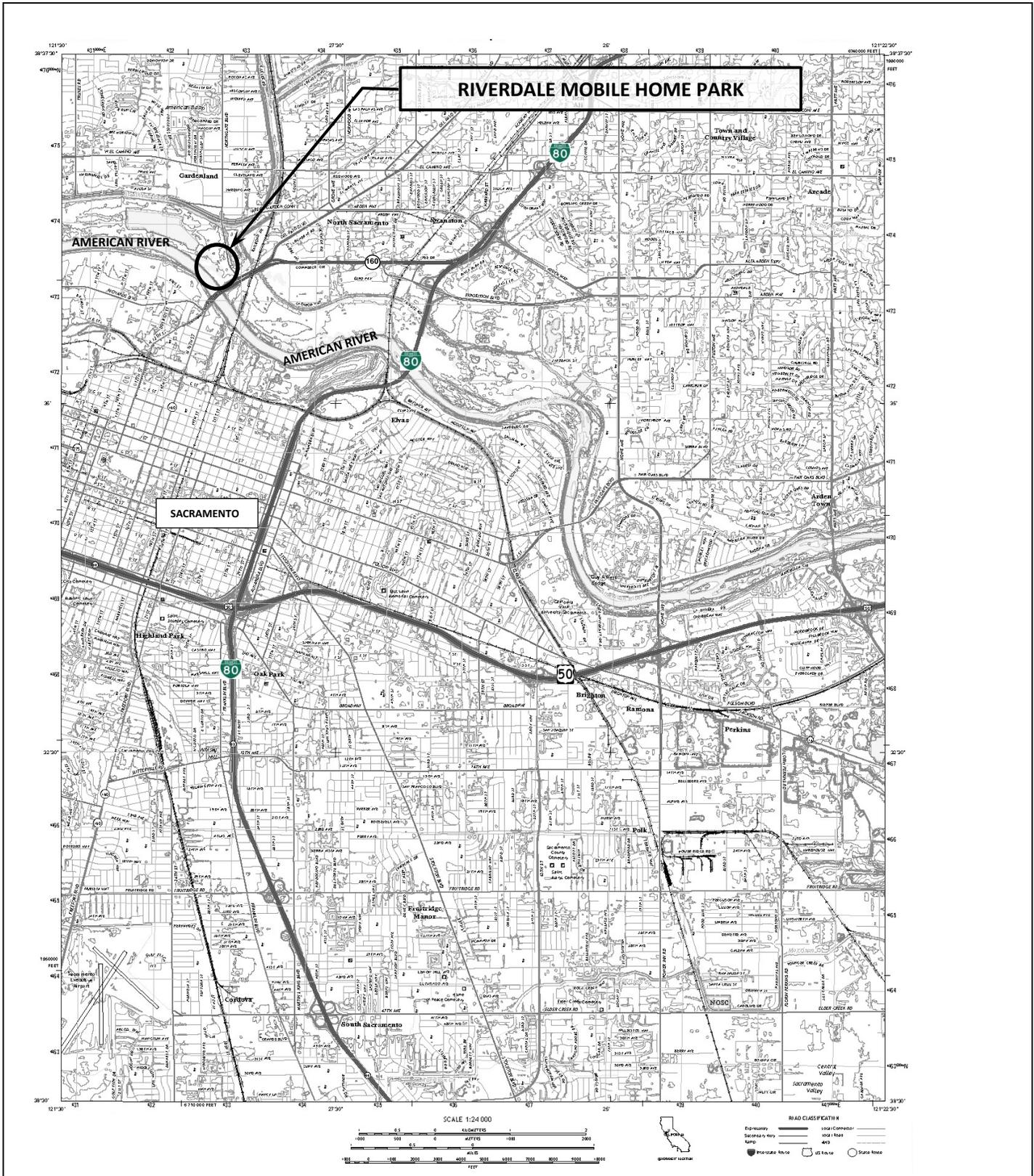
PAMELA C. CREEDON, Executive Officer

27 September 2017

DATE

GLOSSARY

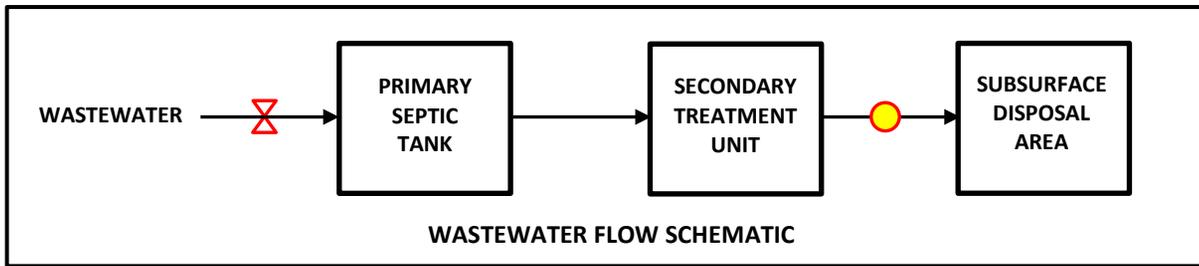
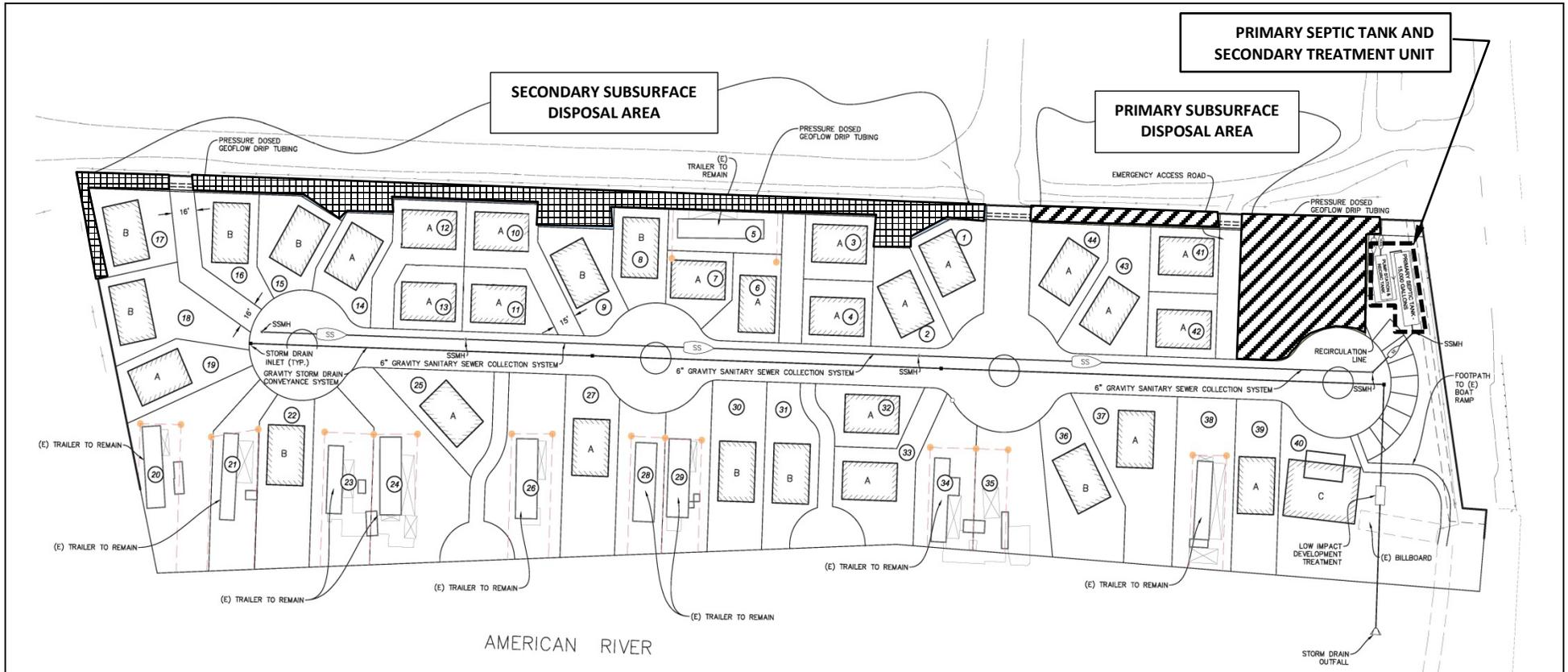
BOD ₅	Five-day biochemical oxygen demand
CaCO ₃	Calcium carbonate
DO	Dissolved oxygen
EC	Electrical conductivity at 25° C
FDS	Fixed dissolved solids
NTU	Nephelometric turbidity unit
TKN	Total Kjeldahl nitrogen
TDS	Total dissolved solids
TSS	Total suspended solids
Continuous	The specified parameter shall be measured by a meter continuously.
24-hr Composite	Samples shall be a flow-proportioned composite consisting of at least eight aliquots over a 24-hour period.
Daily	Every day except weekends or holidays.
Twice Weekly	Twice per week on non-consecutive days.
Weekly	Once per week.
Twice Monthly	Twice per month during non-consecutive weeks.
Monthly	Once per calendar month.
Bimonthly	Once every two calendar months (i.e., six times per year) during non-consecutive months.
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
mL/L	Milliliters [of solids] per liter
µg/L	Micrograms per liter
µmhos/cm	Micromhos per centimeter
gpd	Gallons per day
mgd	Million gallons per day
MPN/100 mL	Most probable number [of organisms] per 100 milliliters
MTF	Multiple tube fermentation



Source
U.S.G.S. Topographic Map
Sacramento East
7.5 Minute Quadrangle

SITE LOCATION MAP
Riverdale Mobile Home Park
Sacramento County

SCALE:
as noted above



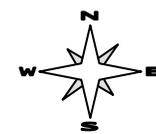
LEGEND

-  Effluent Limit Monitoring
-  Flow Limit Monitoring
-  Primary Subsurface Disposal Area
-  Secondary Subsurface Disposal Area

Source:
Report of Waste Discharge
RFE Engineering, Inc.
August 2017

SITE PLAN AND WASTEWATER FLOW SCHEMATIC

Riverdale Mobile Home Park
Sacramento County



SCALE
Not to Scale