



State Water Resources Control Board

26 March 2019

Bob Healy
Heather Glen Mobile Home Park CSD
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CERTIFIED MAIL
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REVISED NOTICE OF APPLICABILITY
**GENERAL WASTE DISCHARGE REQUIREMENTS FOR
SMALL DOMESTIC WASTEWATER TREATMENT SYSTEMS
ORDER WQ 2014-0153-DWQ**
FOR
**HEATHER GLEN MOBILE HOME PARK CSD
HEATHER GLEN MOBILE HOME PARK WWTF
PLACER COUNTY**

Heather Glen Mobile Home Park Community Service District (CSD) submitted a Report of Waste Discharge (RWD) dated 10 July 2017 describing the Heather Glen Mobile Home Park wastewater treatment facility (WWTF) in Placer County. Additional information, including a water balance, was submitted on 18 September 2018, 17 October 2018, and 7 November 2018. The WWTF provides treatment and disposal service for domestic wastewater generated from the mobile home park. The WWTF discharge has been regulated by Waste Discharge Requirements (WDR) Order 93-065, which was adopted on 21 May 1993. 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 93-065 at the Board meeting on 4/5 April 2019, the discharge shall be regulated pursuant to the General Order and this NOA. You are hereby assigned Order WQ 2014-0153-DWQ-R5292 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) 2014-0153-DWQ-R5292. The Discharger is responsible for all the applicable requirements that exist in the General Order and this NOA.

KARL E. LONGLEY ScD, P.E., CHAIR | PATRICK PULUPA, ESG., EXECUTIVE OFFICER

The NOA for the WWTF was originally issued on 10 January 2019. After it was issued, it was determined that clarifications were needed regarding the sprinkler system over the pond and potential runoff from the spray field. The corrections and clarifications were made to this revised NOA. No changes were made to the MRP.

EXISTING FACILITY AND DISCHARGE DESCRIPTION

The Heather Glen Mobile Home Park WWTF is owned and operated by Heather Glen Mobile Home Park CSD (hereafter “Discharger”) and is located at 18666 Douglas Drive in Placer County as shown on Attachment A, which is attached hereto and is made part of this NOA by reference. The mobile home park is located in an area without a regional wastewater collection system; therefore, wastewater is collected and treated on-site. The site plan is shown on Attachment B, which is attached hereto and is made part of this NOA by reference.

The WWTF treats domestic wastewater generated from 78 mobile homes. There are no recreational vehicle (RV) spaces and RV waste is not allowed. The wastewater treatment system consists of an unlined stabilization pond and 4.53 acres of spray fields. There are two lift stations with grinder pumps that pump the wastewater uphill to the nearest manhole. Wastewater flows by gravity to the pond where solids settle to the bottom. The 10-foot deep pond was constructed in 1964 and at two feet of freeboard, it has a surface area of 1.06 acres.

An influent flow meter is connected to the delivery pipe to the pond. Influent flows to the pond during summer months are approximately 5,000 to 9,000 gallons per day (gpd) and 7,000 to 14,430 gpd in the winter. Wastewater samples are collected from the pond and concentrations of select constituents for 2017 are shown below.

Wastewater Quality in Pond for 2017 ¹				
	BOD (mg/L)	Total Coliform (MPN/100 mL)	TDS (mg/L)	Nitrate as Nitrogen (mg/L) ²
January	12	>1600	160	ND (0.2)
February	12	1600	160	ND (0.2)
March	17	>1600	120	ND (0.2)
April	15	>1600	130	ND (0.2)
May	24	>1600	130	ND (0.2)
June	30	>1600	160	ND (0.2)
July	80	>1600	190	ND (0.2)
August	54	>1600	220	ND (0.2)
September	21	>1600	230	ND (0.2)
October	19.2	>1600	277	ND (0.2)
November	39.6	>1600	244	ND (0.2)
December	16.9	>1600	202	0.26
AVERAGE	28	>1600	185	0.1

¹ Only select constituents are shown.

² Concentrations in () are reporting limits. Half the reporting limit was used to determine average concentrations.

mg/L = milligrams per liter

m/L = milliliter

MPN = most probable number

To facilitate circulation and aeration in the pond, a sprinkler sprays recirculates pond water over the pond. In the summer, evaporation keeps the pond level below the freeboard requirements. Effluent is pumped to spray fields where it is disposed of onto 1.64 acres of grassland. An additional 3.9 acres are available as an alternate disposal field if needed. The railroad tracks, which run along the western edge of the disposal field, are raised higher than the spray field which creates a natural

barrier that stops runoff from flowing off the spray field. Any runoff to the east flows into a drainage ditch located between the spray field and the pond. Water in the drainage ditch has the potential to discharge off-site to a nearby creek. This NOA and the General Order prohibit the direct or indirect discharge of any wastewater to surface water or surface water drainage courses (Prohibitions A.1 in the General Order). The Discharger is required to eliminate runoff from the spray field discharging to surface water. The runoff must either be confined to the on-site portion of the drainage ditch and prevented from discharging to the nearby creek or, the spray field modified to eliminate runoff from the spray field to the drainage ditch.

In the 53 years that the wastewater pond has been used, no solids have been removed from the bottom of the pond. Soundings of the bottom completed by the system operator determined there was less than 1 foot of solids in the pond. When floating material is observed, it is raked up using a pool sweep and transported to the regional wastewater treatment plant for disposal.

Inflow and infiltration (I/I) does occur due to improperly seated manhole lids and ventholes in the manhole covers. It is estimated that the I/I can contribute an estimated additional inflow of fifty percent. Maintenance of the collection system is on-going. Blockages are cleared when identified and manhole lids are re-seated correctly and cleaned, and holes in the lids are resealed.

There are no groundwater monitoring wells at the mobile home park. The closest domestic well is approximately 1,200 feet west of the wastewater pond and is 124 feet deep.

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 Heather Glen Mobile Home Park WWTF with the following site-specific requirements.

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

Treatment Unit	Flow Limit as Annual Average
Wastewater Pond	8,000 gpd

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

Equipment or Activity	Domestic Well	Flowing Stream	Ephemeral Stream Drainage	Property Line	Lake or Reservoir
Septic Tank, Treatment System, & Collection System ¹	150 ft.	50 ft.	50 ft.	5 ft.	200 ft.
Spray Field ²	No spray irrigation of any recycled water, other than disinfected tertiary recycled water, shall take place within 100 feet of a residence or a place where public exposure could be similar to that of a park, playground, or school yard.				

¹ Setbacks referenced under "Septic Tank, Aerobic Treatment Unit, Treatment System, or Collection

System” in Table 3 of General Order.
² Setbacks referenced under “Spray Irrigation (disinfected tertiary recycled water)” in Table 3 of General Order based on level of effluent treatment and disinfection.

This is an existing facility, constructed prior the issuance of the new General Order for Small Domestic Wastewater Treatment Systems, and the wastewater ponds, collection system, and treatment system may not be in compliance with the setbacks included in this 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 wastewater treatment system shall trigger further evaluation of setback, as described in Section B.1.I of the General Order.

Pond Systems

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

Land Application and/or Recycled Water Systems

The WWTF utilizes a land application system; therefore Section B.7 of General Order applies in its entirety.

Effluent Limitations, Section D of General Order

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

Wastewater Pond Effluent Limits

Constituent	Units	Limit
BOD ₅	mg/L	90
5-day Biochemical Oxygen Demand		

Effluent Limit Rationale

The pond system is subject to technology performance effluent limits for biochemical oxygen demand as specific 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 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 September 2019**, the Discharger shall submit a *Spray Field Runoff Improvement Plan* that describes site modifications to be completed that will keep all wastewater on-site and eliminate the potential for wastewater discharging to surface waters. The plan shall also include a schedule for completing the site modifications.
2. Upon approval of the *Spray Field Runoff Improvement Plan*, the Discharger shall submit monthly status reports documenting progress made on the improvements. The monthly status reports are due on the **first day of the second month following the month monitored** (i.e., the October monthly status report is due 1 December).
3. Within **60 days** of completing improvements to the spray field that eliminates the potential for surface water discharges, the Discharger shall submit a *Construction Complete Report*. Upon approval by the Central Valley Water Board, monthly status reports required in Provision 1 (above) are no longer required.

4. By **1 May 2019**, the Discharger shall submit a *Spill Prevention and Emergency Response Plan* (Response Plan) consistent with the requirements of General Order Provision E.1.a.
5. By **1 May 2019**, the Discharger shall submit a *Sampling and Analysis Plan* consistent with the requirements of General Order Provision E.1.b.

MONITORING AND REPORTING PROGRAM

The Discharger shall comply with MRP 2014-0153-DWQ-R5292, which is attached hereto and made part of this NOA by reference. Monitoring under MRP 2014-0153-DWQ-R5292 shall begin upon rescission of MRP 95-065 at an upcoming Board meeting.

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.

Heather Glen Mobile Home Park CSD will generate the waste subject to the terms and conditions of WQ 2014-0153-DWQ-R5292 and will maintain exclusive control over the discharge. As such, Heather Glen Mobile Home Park CSD 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 \$2,286. 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: Heather Glen Mobile Home Park WWTF, Placer County		
Program: Non-15 Compliance	Order: 2014-0153-DWQ-R5292	CIWQS Place ID: 229955

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 guy.childs@waterboards.ca.gov.

--original signed by Andrew Altevogt for--

Patrick Pulupa
Executive Officer

enc: Water Quality Order WQ 2014-0153-DWQ
Monitoring and Reporting Program 2014-0153-DWQ-R5292
Attachment A, Site Location Map
Attachment B, Site Plan and Wastewater Treatment System Schematic

cc w/out enc: Timothy O'Brien, State Water Resources Control Board, Sacramento
Placer County Environmental Health Department, Auburn
Mark Kahl, All Inclusive Water/Wastewater Solutions, Inc., Auburn

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION

MONITORING AND REPORTING PROGRAM WQ 2014-0153-DWQ-R5292

FOR

HEATHER GLEN MOBILE HOME PARK CSD
HEATHER GLEN MOBILE HOME PARK WWTF
PLACER COUNTY

This Monitoring and Reporting Program (MRP) describes requirements for monitoring a wastewater treatment system at the Heather Glen Mobile Home Park 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 Heather Glen Mobile Home Park WWTF discharge is regulated by the Notice of Applicability (NOA) of Water Quality Order 2014-0153-DWQ-R5292 and is owned and operated by Heather Glen Mobile Home Park CSD. 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 shall be monitored upstream of the treatment system at the flow meter location shown in Attachment B 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 the wastewater pond. A grab sample from the pond will be considered to be 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 ₅ ¹	mg/L	Grab	Monthly	Quarterly

¹ 5-day Biochemical Oxygen Demand

POND MONITORING

The Discharger shall monitor the wastewater pond as specified below.

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

¹ 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.

- ² 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.
- ³ 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.

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 fourth quarter 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
HEATHER GLEN MOBILE HOME PARK CSD
Heather Glen Mobile Home Park WWTF
Placer County
Place ID: 229955

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).

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 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 upon rescission of MRP Order 93-065.

I, PATRICK PULUPA, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of a Monitoring and Reporting Program issued by the California Regional Water Quality Control Board, Central Valley Region on 10 January 2019.

--original signed by Andrew Altevogt for--

PATRICK PULUPA, Executive Officer

GLOSSARY

BOD ₅	Five-day biochemical oxygen demand
DO	Dissolved oxygen
Daily	Every day except weekends or holidays.
Twice Weekly	Twice per week on non-consecutive days.
Weekly	Once per week.
Monthly	Once per calendar month.
Quarterly	Once per calendar quarter.
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

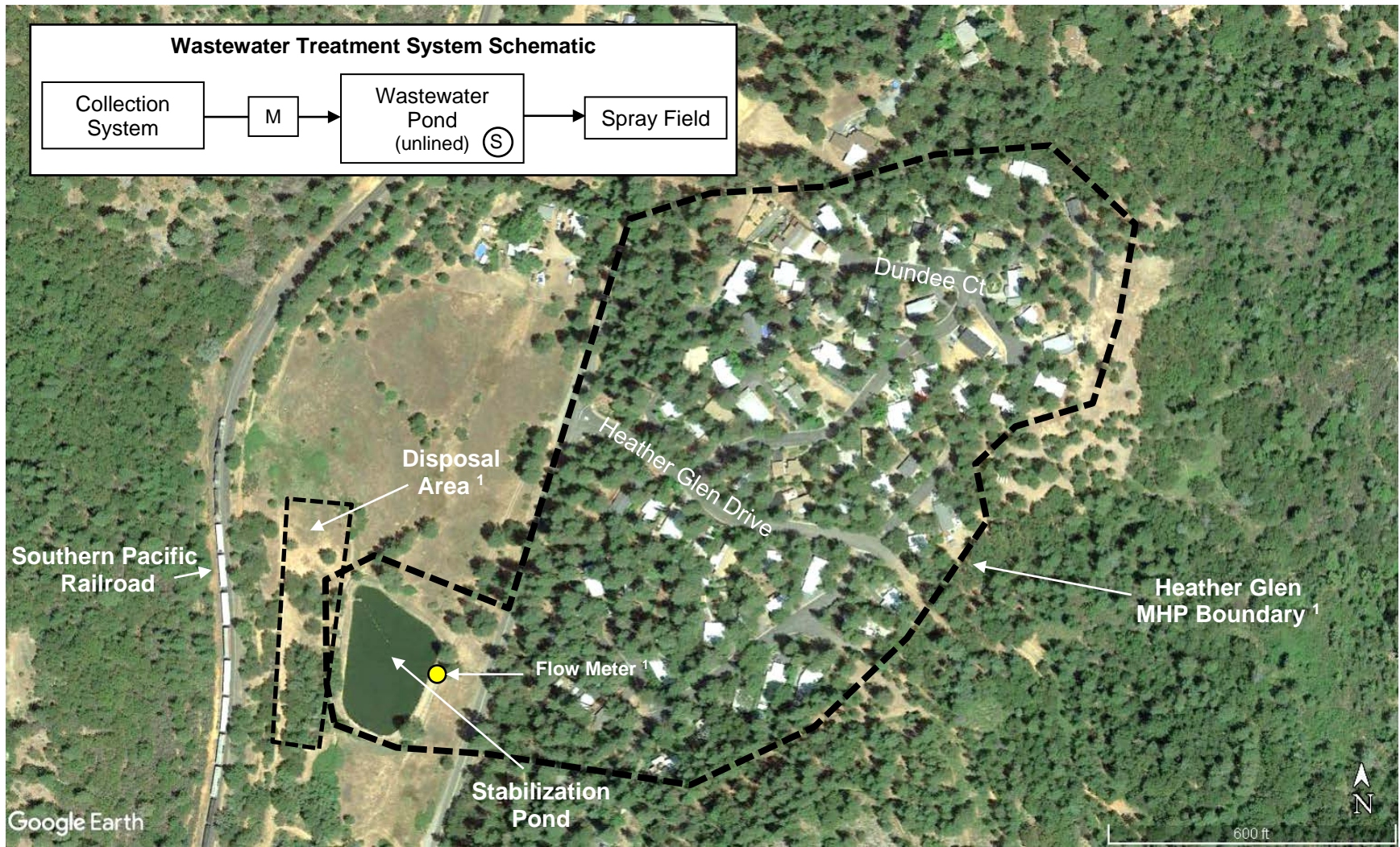


**Heather Glen
Mobile Home Park**



~ 0.3 miles

SITE LOCATION MAP
HEATHER GLEN MOBILE HOME
PARK
PLACER COUNTY



Legend

M = flow meter
S = sample location

¹ Locations are approximate.



~600 feet

SITE PLAN AND WASTEWATER TREATMENT SYSTEM SCHEMATIC

HEATHER GLEN MOBILE HOME PARK
PLACER COUNTY