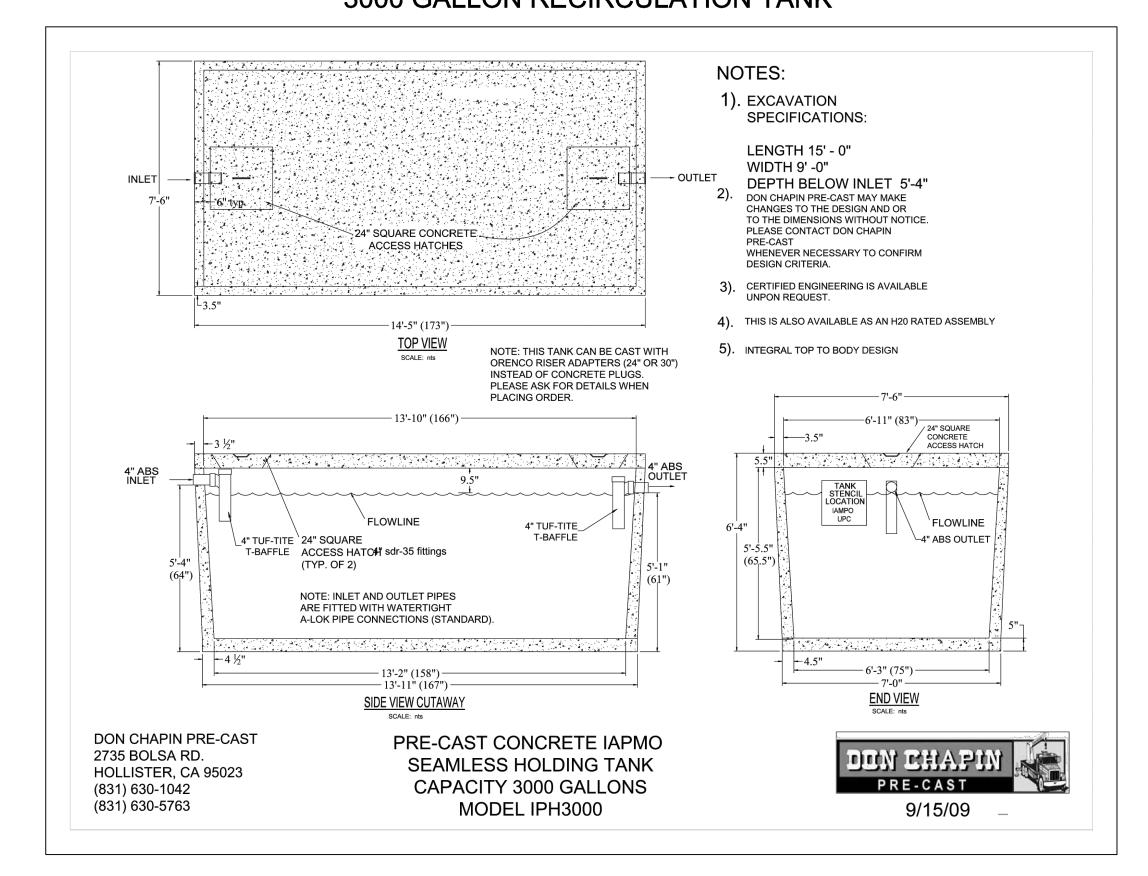
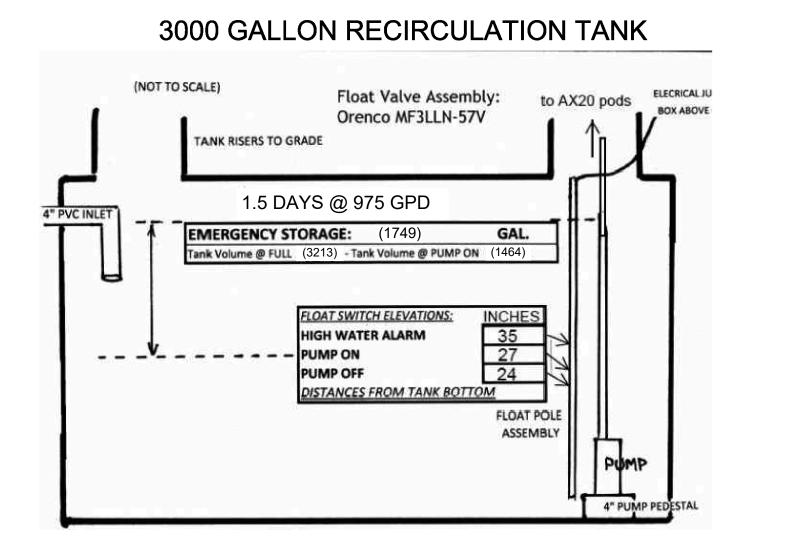


# 3000 GALLON RECIRCULATION TANK





#### MANAGEMENT REQUIREMENTS

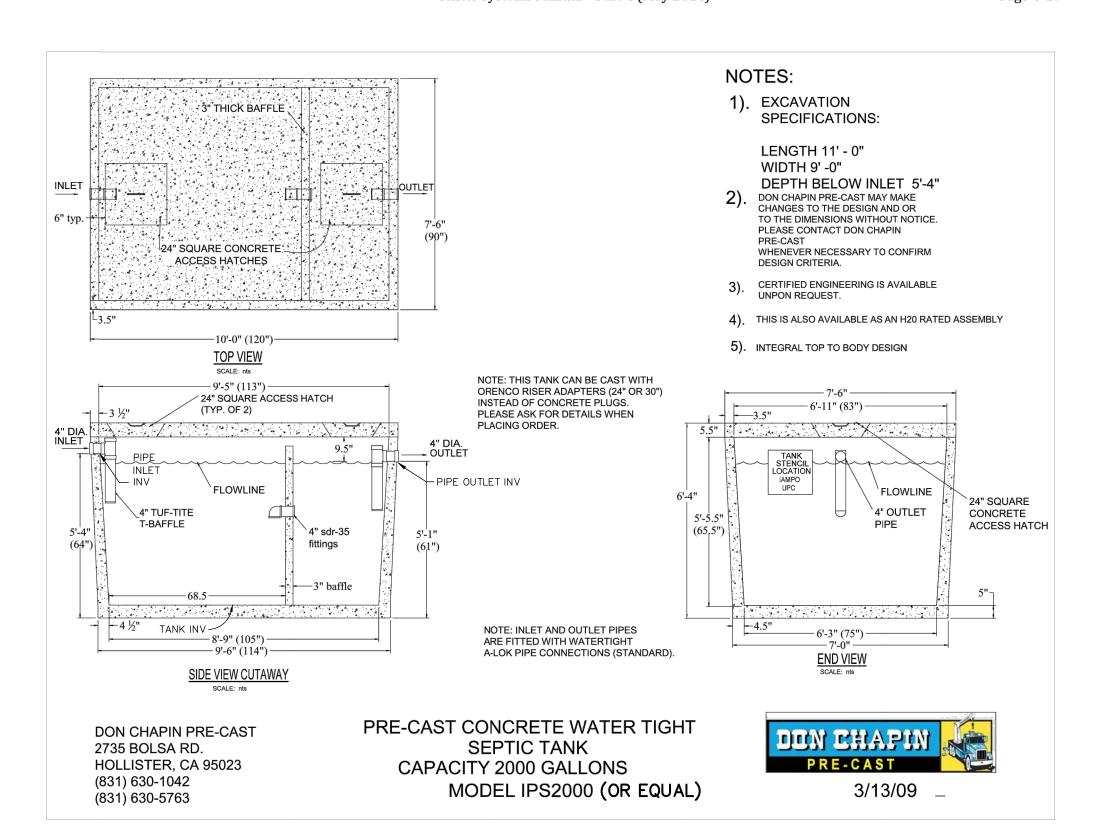
Recommended minimum procedures and frequency for inspection, maintenance, monitoring and reporting activities for proprietary treatment systems are outlined in **Table P-1** below.

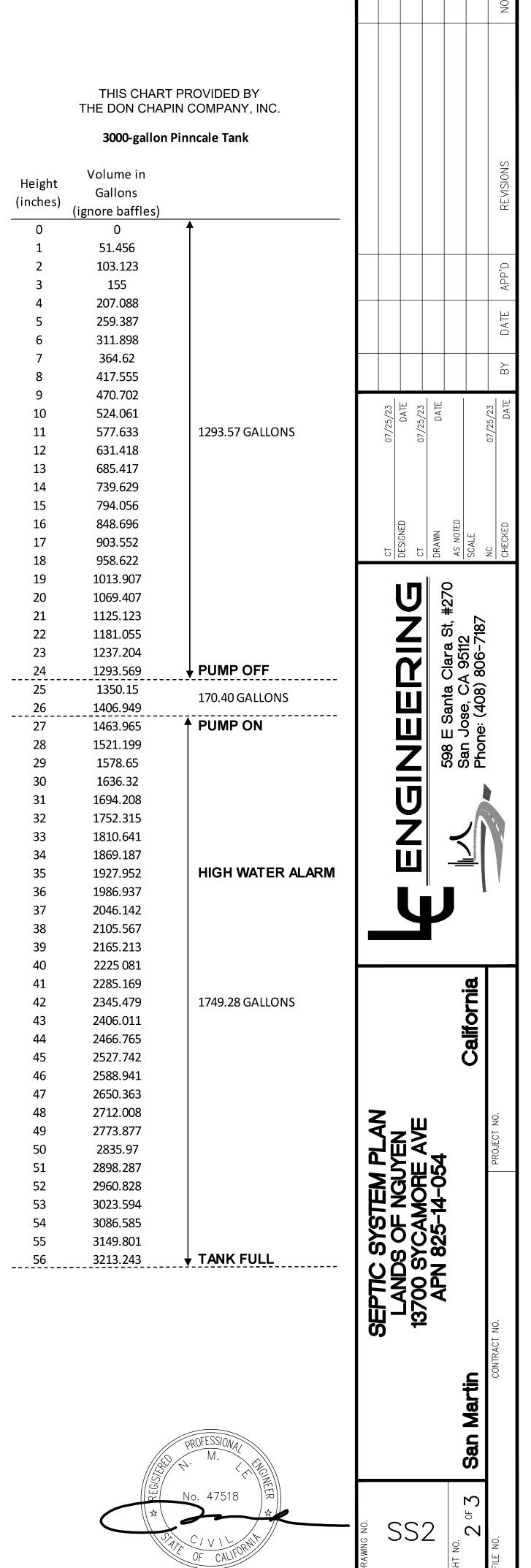
Table P-1. Proprietary Treatment System Management Requirements

	Work	Frequency
Inspection	<ul> <li>Inspection to be in accordance with manufacturer specifications.</li> </ul>	According to permit conditions, typically every 6 to 12 months, depending on system size, usage, and history.
Maintenance	<ul> <li>Perform all maintenance as required and in accordance with equipment manufacturer specifications.</li> </ul>	<ul> <li>According to permit conditions, typically every 6 to 12 months, depending on system size, usage, and history.</li> </ul>
Water Monitoring & Sampling	<ul> <li>Monitoring to be in accordance with manufacturer specifications.</li> </ul>	If required, according to permit conditions, typically every 6 to 12 months, depending on system size, usage, and history.
Reporting	<ul> <li>Report findings to DEH per permit requirements.</li> <li>Standard report to describe findings, analyze performance, and detail actions taken.</li> <li>Report crisis or failure conditions to DEH immediately.</li> </ul>	According to permit conditions, typically every 1 to 2 years, depending on system size, usage, history, location.

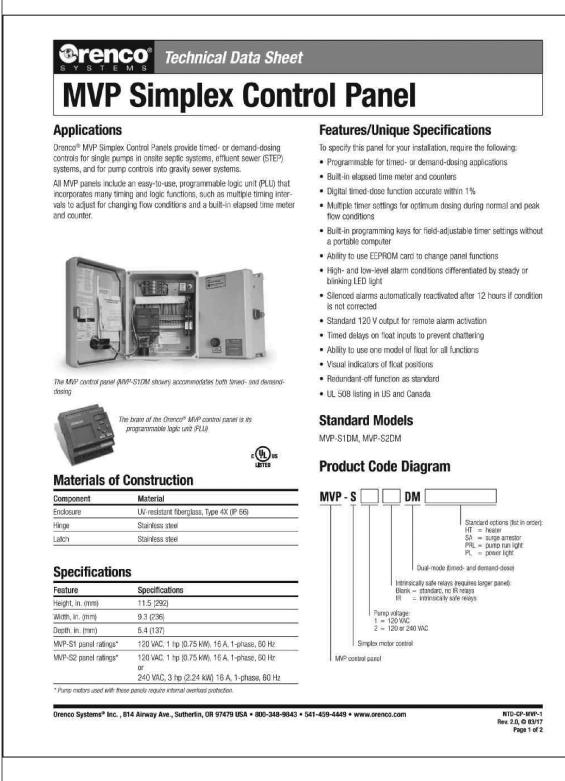
Onsite Systems Manual – Part 4 (May 2014)

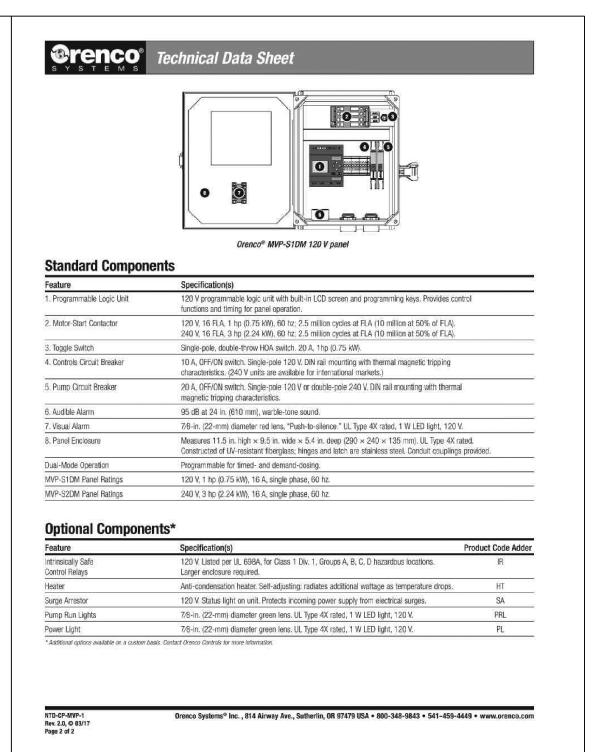
Page 4-19



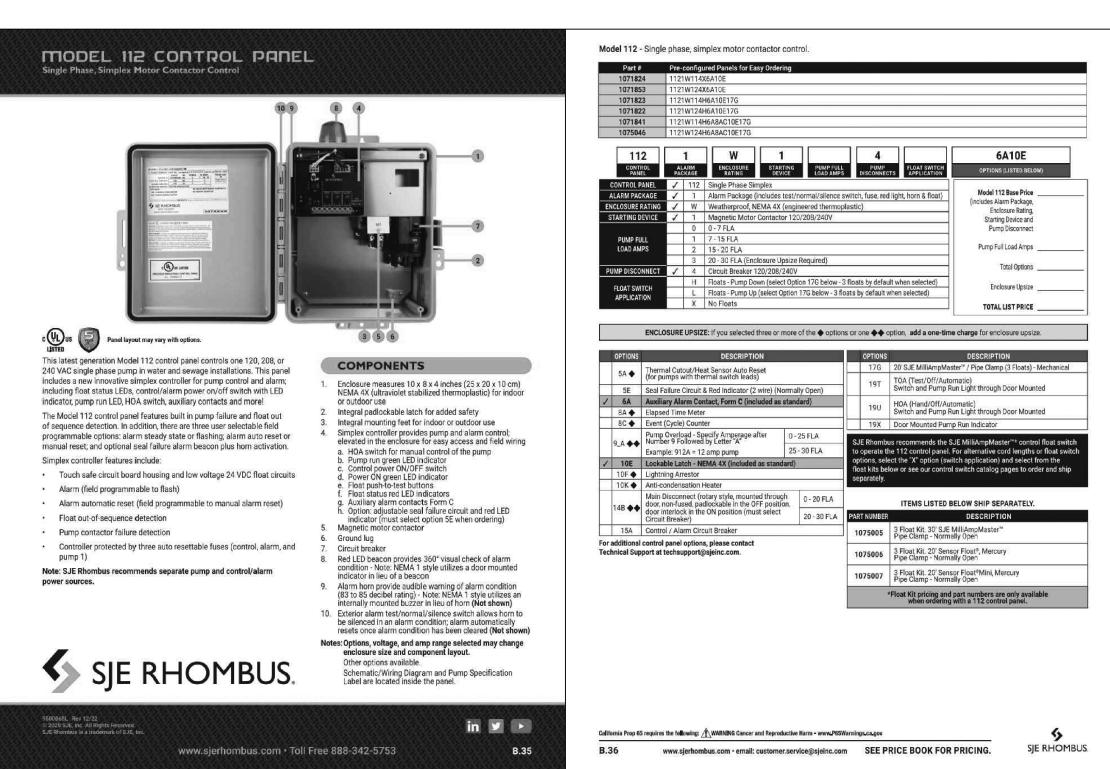


### CONTROL PANEL FOR ADVANTEX AX20 TREATMENT SYSTEM





### CONTROL PANEL FOR ADU PUMP TANK



MANAGEMENT REQUIREMENTS

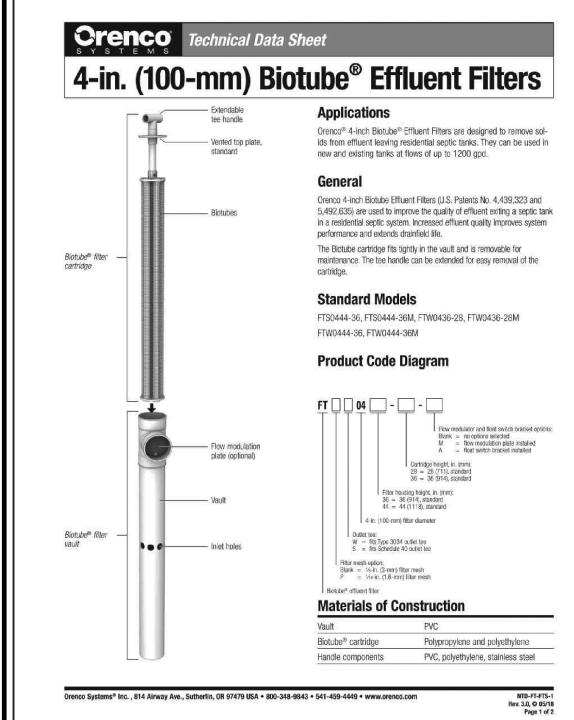
Recommended minimum procedures and frequency for inspection, maintenance, monitoring and reporting activities for proprietary treatment systems are outlined in **Table P-1** below.

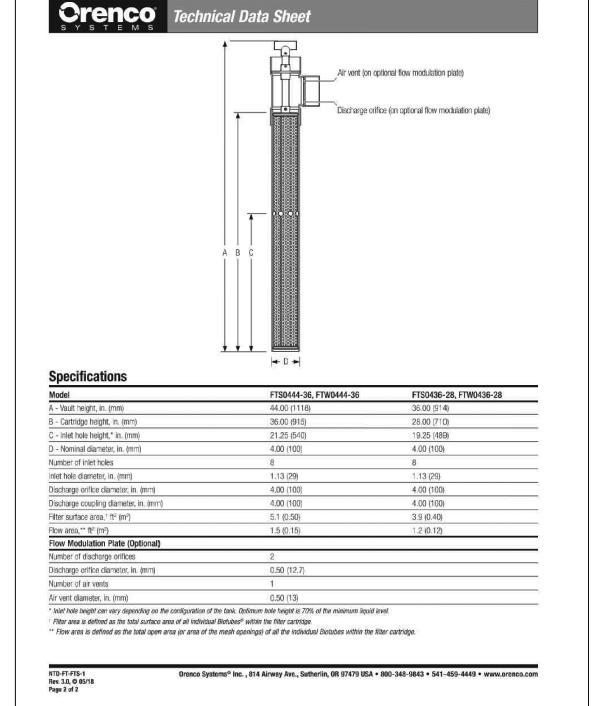
#### Table P-1. Proprietary Treatment System Management Requirements

	Work	Frequency
Inspection	<ul> <li>Inspection to be in accordance with manufacturer specifications.</li> </ul>	According to permit conditions, typically every 6 to 12 months, depending on system size, usage, and history.
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Reporting	<ul> <li>Report findings to DEH per permit requirements.</li> <li>Standard report to describe findings, analyze performance, and detail actions taken.</li> <li>Report crisis or failure conditions to DEH immediately.</li> </ul>	According to permit conditions, typically every 1 to 2 years, depending on system size, usage, history, location.

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### SEPTIC TANK EFFLUENT FILTER





#### **OPERATING PERMIT REQUIREMENTS**

#### Sec. B-11-92. Operating permits.

- (a) In addition to an installation permit, an operating permit is required for all alternative OWTS, including those installed in connection with the repair or upgrade of existing OWTS as well as those for new construction. General requirements pertaining to operating permits are as follows:
  - (1) The operating permit will be issued by the director following: (a) completion of construction of the alternative OWTS; (b) satisfactory compliance with the installation permit requirements; and (c) payment of applicable fees. Operating permits are non-transferable.
  - (2) After initial issuance, the operating permit is required to be renewed periodically, the standard renewal period being one year. The director may establish conditions allowing the time period between renewals to be extended for certain types of OWTS based on a record of favorable performance or other factors warranting a reduction in system oversight by DEH. Provisions for adjusting the operating permit renewal period shall be prescribed by the director in the *Onsite Systems Manual*. Operating permits must also be renewed at the time of change in property ownership.
  - (3) Operating permits are intended to serve as the basis for verifying the adequacy of alternative OWTS performance and ensuring on-going maintenance. Permit conditions shall include monitoring and inspection requirements, permit duration, and other provisions as prescribed by the director in the *Onsite Systems Manual* or as deemed appropriate by the director on a case-by-case basis.
  - (4) Renewal of an operating permit requires: (a) payment of the applicable fees, upon receipt of notice from the director; and (b) submission of the results of required system inspection and monitoring.
  - (5) Failure to pay the required fee or submit the specified monitoring and inspection information, or failure to undertake any required corrective work specified by the director may be cause for issuance of a citation, penalty fees, non-renewal and/or revocation of the operating permit by the director. The director may place a lien on the property for recovery of any associated abatement costs and unpaid fees.
  - (6) A certified copy of the following shall be recorded against the property in the office of the County Recorder of Santa Clara County: (a) initial operating permit issued for the system; (b) reissuance of operating permit to new owners; and (c) notices of withdrawal of any operating permit.
- (b) Other uses of operating permits. An operating permit may also be utilized for circumstances other than alternative OWTS, such as for larger flow OWTS (>2,500 gpd), in connection with holding tank exemptions or where, in the opinion of the director, the type, size, location or other aspects of a particular OWTS installation warrant the additional level of oversight provided by an operating permit. In such cases, the issuance and scope of operating permits will be issued in accordance with the general requirements listed in section B11-92 (a)(1) through (a)(6) above, and any additional requirements prescribed by the director in the *Onsite Systems Manual* for particular circumstances.

## PERFORMANCE MONITORING AND REPORTING REQUIREMENTS

#### Sec. B11-93. Performance monitoring and reporting.

- A monitoring program will be established for each alternative OWTS as a condition of the operating permit at the time of permit issuance, and may be amended at the time of permit renewal. Said monitoring shall be performed to ensure that the alternative OWTS is functioning satisfactorily to protect water quality and public health and safety. The monitoring program will be in accordance with guidelines in the *Onsite Systems Manual* and may also incorporate recommendations of the system designer, manufacturer, or third-party reviewer.
- (b) Monitoring requirements will vary depending upon the specific type of alternative OWTS in accordance with guidelines in the Onsite Systems Manual.
- (c) The required frequency of monitoring will be in accordance with guidelines in the Onsite Systems Manual. Monitoring frequency may be increased if, in the opinion of the director, system problems are experienced.
- (d) Monitoring of alternative OWTS shall be conducted by or under the supervision of one of the following:
  - (1) Registered Civil Engineer;
  - (2) Professional Geologist;
  - (3) Registered Environmental Health Specialist; or
  - (4) Other onsite wastewater maintenance provider registered with the Department of Environmental Health and meeting qualifications as established in the *Onsite Systems Manual*. Registration shall entail: (a) documentation of required qualifications; (b) participation in annual training/review conducted by the director; and (c) payment of an annual fee established by the Board of Supervisors.

Additionally, the director may require third-party or County monitoring of any alternative OWTS where deemed necessary because of special circumstances, such as the complexity of the system or the sensitive nature of the site. The costs for such additional monitoring would be the responsibility of the owner.inspection and

- (e) Monitoring results shall be submitted to the director in accordance with reporting guidelines provided in the Onsite Systems Manual. The monitoring report shall be signed by the party responsible for the monitoring. Notwithstanding formal monitoring reports, the director shall be notified immediately of any system problems observed during system inspection and monitoring that threaten public health or water quality.
- In addition to regular inspection and monitoring activities, post-seismic inspection and evaluation of alternative OWTS located in high-risk seismic areas will be required in the event of an earthquake causing significant ground shaking in the region, as determined by the director in consultation with the County geologist. The director will be responsible for issuing appropriate notices when such inspections are required; those conducting the inspections will be required to report the inspection results to the director. The purpose of such inspections will be to assess and document any damage to the OWTS and to implement corrective measures, as needed, in a timely manner. Post-seismic inspection shall be in accordance with requirements prescribed by the director, in consultation with the County geologist, and contained in the *Onsite Systems Manual*.
- (g) The director will, from time-to-time, compile and review monitoring and inspection results for alternative OWTS and, at least every two years, will provide a summary of results to the San Francisco Bay and Central Coast Regional Water Quality Control Boards. Based on this review, the types of alternative OWTS, or general changes in monitoring and inspection requirements.



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LANDS OF NGUYEN 1700 SYCAMORE AVE APN 825-14-054

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SS3 No. 148

APPLICANT : NGUYEN