CHAPTER 11-62 APPENDIX A

INDIVIDUAL PERMIT
STANDARD CONDITIONS

July 1, 2014

Appendix A, Individual standard conditions

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The following conditions apply to individual permits unless otherwise specified. "Permittee" refers to a person to whom an individual permit has been issued.

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1. **Duty to comply.** Permittees shall comply with and are subject to §11-62-06(q).

2. **Compliance with sludge standards.** Permittees shall comply with HAR chapter 11-62, subchapter 4.

3. **Compliance with wastewater effluent standards.** Permittees treating wastewater shall comply with §11-62-26 and, if applicable, §11-26-27.

4. **Compliance with water quality standards.** Permittees shall not cause or contribute to any violation of applicable sections of HAR chapter 11-54.

5. **Clean Water Act (CWA) penalties.** The monetary fines and imprisonment terms referred to in 40 CFR §§501.15(b)(3), on CWA §309; 501.15(b)(11)(ii), on false statement, representation, or certification; and §501.15(b)(10), on falsification, tampering with, or rendering inaccurate any monitoring device or method; all apply, in addition to any state penalties.

6. **Signatory and certification requirements.** Each permit application, report, notice, and any information submitted to the director shall be signed and certified as required by §11-62-52.

7. **Duty to reapply.** Permittees shall comply with §11-62-57.04.

8. **Need to halt or reduce activity not a defense.** It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

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9. **Duty to mitigate.** Permittees shall comply with §11-62-06(j).

10. **Proper operation and maintenance.** Permittees shall comply with §11-62-06(e).

11. **Permit actions.** This permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition.

12. **Property rights.** This permit does not convey any property rights of any sort, or any exclusive privilege.

13. **Duty to provide information.** The permittee shall furnish to the director, within a reasonable time, any information which the director may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit or to determine compliance with this permit. The permittee shall also furnish to the director, upon request, copies of records required to be kept by this permit.

14. **Inspection and entry.** The permittee shall allow the director, or an authorized representative, upon the presentation of credentials and other documents as may be required by law, to:

    a. Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;

    b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;

c. Inspect at reasonable times any facility, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and

d. Sample or monitor at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the Clean Water Act, any substances, parameters, or practices at any location.

15. Sampling requirements.

a. Sampling points. All samples shall be taken at the monitoring points specified in this permit and, unless otherwise specified, before final use, disposal, or discharge. Monitoring points shall not be changed without notification to and the approval of the director. No use, disposal, or discharge is authorized which does not totally pass through the final monitoring point.

b. Calibration. The permittee shall periodically calibrate and perform maintenance on all monitoring and analytical equipment used to monitor the pollutants, sludge, and other items specified by the director under this permit, at intervals which will ensure the accuracy of measurements, but no less than the manufacturer's recommended intervals or one year intervals (whichever comes first). [Records of calibration shall be kept pursuant to section 13(b) of this general permit.]

16. Monitoring and recordkeeping.

a. Monitoring results shall be reported at a frequency specified here or elsewhere in the

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permit, whichever is greater. The frequency of sampling shall be dependent on the size of the wastewater system, nature and effect of the wastewater, reclaimed water, and wastewater sludge use and disposal practices. At a minimum, the frequency shall be as required by §§11-62-26(a), 11-62-26(c), 11-62-28(a), and subchapter 4.

b. Representative sampling. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activities listed in §§11-62-26(a), 11-62-26(c), 11-62-28(a), and subchapter 4.

As used in this section, a representative sample means that the content of the sample shall (1) be identical to the content of the substance sampled at the time of the sampling; (2) accurately represent the monitored item (for example, sampling to monitor final effluent quality shall accurately represent that quality, even though the sampling is done upstream of the discharge point); and (3) accurately represent the monitored item for the monitored time period (for example, sampling to represent monthly average effluent flows shall be taken at times and on days that cover significant variations). Representative sampling may mean including weekends and storms and may mean taking more samples than the minimum number specified elsewhere in the permit. The burden of proving that sampling or monitoring is representative shall be on the permittee.

c. Record retention. The permittee shall retain records of all monitoring information, including all calibration and maintenance records and all original strip

chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least five (5) years from the date of the sample, measurement, report or application. This period may be extended by request of the director of health at any time.

d. Records' content. Records of monitoring information shall include:
   (1) The date, exact place, and time of sampling or measurements;
   (2) The name of individual(s) who performed the sampling or measurements;
   (3) The date(s) analyses were performed;
   (4) The name of individual(s) who performed the analyses;
   (5) The analytical techniques or methods used and if available, references and written procedures for these techniques or methods; and
   (6) The results of such analyses, including bench sheets, instrument readouts, etc., used to determine these results.

e. Monitoring procedures. Unless other procedures have been specified in this permit, monitoring shall be conducted according to test procedures approved under 40 CFR Part 136 or, in the case of sludge use or disposal, approved under 40 CFR Part 503.

17. Notice requirements.

a. Planned changes. The permittee shall give notice to the director as soon as possible of any planned physical alterations or additions to the permitted facility, or significant changes planned in the

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permittee's sludge use or disposal practice, where such alterations, additions, or changes may justify the application of permit conditions that are different from or absent in the existing permit, including notification of additional disposal sites not reported during the permit application process or not reported pursuant to an approved land application plan.

b. Anticipated noncompliance. The permittee shall give advance notice to the director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.

c. Transfers. This permit is not transferable to any person except after notice to the director. The director may require modification or revocation and reissuance of the permit to change the name of the permittee and incorporate such other requirements as may be necessary under the CWA.

d. Other noncompliance reporting. The permittee shall report all instances of noncompliance. Reports of noncompliance shall if applicable follow the spill protocol of appendix C otherwise shall be submitted with the permittee's next self monitoring report or earlier if requested by the director or if required by an applicable standard for wastewater sludge use or disposal or condition of this permit.

e. Other information. Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the

director, it shall promptly submit such facts or information.

18. Reopener clause.

a. If the standards for wastewater and wastewater sludge applicable to the permittee's use, disposal, or discharge method are promulgated under the Clean Water Act, the Hawaii Revised Statutes, or the Hawaii Administrative Rules before the expiration date of this permit, and those standards are more stringent than the wastewater or wastewater sludge pollutant limits or acceptable management practices authorized in this permit, or controls a pollutant or practice not limited in this permit, this permit may be promptly modified or revoked and reissued to conform to the standards for wastewater or wastewater sludge use, disposal, or discharge by no later than the compliance deadline specified in the regulations establishing those standards, whether or not this permit has been modified or revoked and reissued.

b. This permit shall be modified or revoked and reissued at any time if, on the basis of any new data, the director determines that continued wastewater or wastewater sludge use, disposal, or discharge may cause unreasonable degradation of the environment.

c. The permittee shall comply with new standards for wastewater sludge use or disposal adopted in 40 CFR 503 during the term of the permit, if they are more stringent than the terms of the permit and chapter 11-62, even if this permit has not yet been modified to incorporate the standards.

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19. **Transfers by modification.** Except as provided in condition 20 of these standard conditions, a permit may be transferred by the permittee to a new owner or operator only if the permit has been modified or revoked and reissued to identify the new permittee and incorporate such other requirements as may be necessary to assure compliance with the CWA.

20. **Automatic transfers.** As an alternative to transfers under condition 19 of these standard conditions, the director may authorize automatic transfer of any permit issued under this rule to a new permittee if:

    a. The current permittee notifies the director at least 30 days in advance of the proposed transfer date in condition 20.c. of these standard conditions;

    b. The notice includes a written agreement between the existing and new permittee containing a specific date for transfer of permit responsibility, coverage, and liability between them; and

    c. The director does not notify the existing permittee and the proposed new permittee of the director's intent to modify or revoke and reissue the permit. If this notice is not received, the transfer is effective on the date specified in the agreement of condition 20.b of these standard conditions.

21. **Minor modification of permits.** Upon the consent of the permittee, the director may modify a permit to make the corrections or allowances for changes in the permitted activity listed in this section without following the procedures of §11-62-57.02. Any permit modification not processed as a minor modification under this section must be made for cause and with draft permit and

public notice as required. Minor modifications may only:

a. Correct typographical errors;

b. Require more frequent monitoring or reporting by the permittee;

c. Change an interim compliance date in a schedule of compliance, provided the new date is not more than 120 days after the date specified in the existing permit and does not interfere with attainment of the final compliance date requirement; and

d. Allow for a change in ownership or operational control of a facility where the director determines that no other change in the permit is necessary, provided that a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the current and new permittee has been submitted to the director.

22. **Modification or revocation and reissuance of permits.** Permittees shall comply with and are subject to §11-62-57.02, except for minor modifications.

23. **Termination of permits.** Permittees are subject to §11-62-57.03 and general permittees are also subject to §11-62-55.03.

24. **Availability of reports.** Except for data determined to be confidential under HRS §342D-14, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the director. As required by this rule, permit applications, permits, and effluent and wastewater sludge data shall not be considered confidential.

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25. **Civil and criminal liability.** Nothing in this permit shall be construed to relieve the permittee from civil or criminal penalties for noncompliance.

26. **State law.** Nothing in this permit shall be constructed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable state law or regulation.

27. **Severability.** The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance, if held invalid, the application of such provision to other circumstances, and remainder of this permit, shall not be affected thereby.

CHAPTER 11-62 APPENDIX B

RESPONSES FOR WASTEWATER SPILLS, OVERFLOWS, AND DISCHARGES ("SPILLS")

July 1, 2014

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1. Points of contact

Agency	Phone	Fax
Clean Water Branch (CWB)	586-4309	586-4352
Wastewater Branch (WWB)	586-4294	586-4352
Environmental Health Programs (EHP)		
Hawaii District Health Office	933-4371	933-4669
Kauai District Health Office	241-3323	241-3480
Maui District Health Office	984-8234	984-8237
State Hospital Operator (SHO)	247-2191	
Communications Office		586-4444

2. Spills from any facility into state waters, excluding R-1 water from recycled water systems

a. Applicability. Any wastewater spill which enters into state waters from a public or private wastewater system.
   (1) "State waters" has the meaning defined in HRS section 341-D, and includes drainage ditches, whether or not water is always flowing in them.
   (2) Exclusion. Spill of R-1 water covered by Appendix J to HAR chapter 11-5, "NPDES General Permit Authorizing Discharges of R-1 Water from Recycled Water Systems". That general permit does not cover spills from treatment works.

b. Immediate notice to DOH. If a spill occurs during working hours:
   (1) The wastewater system owner or its agent (owner/agent) shall immediately notify the CWB of any spill into state waters; and
   (2) If a spill occurs on the neighbor islands, the owner/agent shall also immediately notify their respective

district environmental health program chief.

If a spill occurs during non-working hours:
(1) Contact the state hospital operator; and
(2) The next working day notify the CWB and the respective district EHP chief with a follow-up call.

c. Press Release. The owner/agent shall immediately send out a press release for spills of a thousand gallons or more and for lesser spills if they present a substantial threat to public health. A press release shall comply with section 7. A press release is not required if the owner/agent demonstrates that the spill was of R-1 water and that BMPs as approved by the director were implemented.

d. Disinfection. The owner/agent shall disinfect wastewater which is continuously being spilled into nearshore waters if sufficient disinfection contact time is available. Best judgment should be used in determining the amount of chlorine added to the discharge if chlorine is used as a disinfectant. Disinfection is not required if the owner/agent demonstrates that the spill was either R-1 or R-2 water and that BMPs as approved by the director were implemented.

e. Warning signs. The owner/agent shall immediately post warning signs in the area(s) likely to be affected by the spill and where public access is possible. Posting of warning signs is not required if the owner/agent demonstrates that the spill was of R-1 water and that BMPs as approved by the director were implemented.

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The director shall also assure that a sufficient number of warning signs have been posted and the locations are adequate. Authorization to remove the signs shall also come from the director.

f. Monitoring. The owner/agent shall conduct bacterial monitoring for any spill greater than 100 gallons or when public health may be threatened in accordance with section 8. Monitoring is not required if the owner/agent demonstrates that the spill was R-1 water and that BMPs as approved by the director were implemented.

g. Reporting. The owner/agent shall report to the CWB under section 9.a.

3. Spills into state waters of R-1 water from recycled water systems

a. Applicability. Any spills of R-1 water covered by Appendix J to HAR chapter 11-55, "NPDES General Permit Authorizing Discharges of R-1 Water from Recycled Water Systems."
   (1) "State waters" has the same meaning defined in HRS section 342D-1, and includes drainage ditches, whether or not water is always flowing in them.
   (2) Exclusion. The general permit does not cover spills from treatment works.

b. Requirements. Among other things, the general permit requires filing a Notice of Intent before any discharge, compliance with standard conditions in appendix A of chapter 11-55, implementation of best management practices (BMPs), monitoring of discharges, avoiding violations of water quality criteria, and specified reporting. The full

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statement of requirements appears in the general permit.

4. Spills to ground only - with public access

a. Applicability. Any wastewater spill from a wastewater system onto the ground and that does not enter state waters but is in an area which is or may be accessible to the public.

(1) In this appendix, the public includes hotel, apartment, and condominium residents and guests, or condominium apartment owners at their own condominium, and management personnel and building or facility staff, unless the person is specifically an operator of the wastewater system or a manager of the property.

(2) In this appendix, areas inaccessible to the public include areas:

(a) Confined within a fenced or walled (six foot high with locked gate or door) area; and

(b) Contact with the spill is limited to wastewater system operating personnel and management personnel for the property owner or lessee.

(3) Exclusion. Spills of R-1 water provided the owner/agent demonstrates that the spill was of R-1 water and that BMPs as approved by the director were implemented.

b. Immediate notice to DOH. If a spill of a thousand gallons or more occurs during working hours:

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(1) On Oahu, the wastewater system owner/agent shall immediately notify the WWB; or
(2) On the neighbor islands, the owner/agent shall immediately notify their respective district EHP chief.

If a spill of a thousand gallons or more occurs during non-working hours:
(1) Contact the state hospital operator; and
(2) The next working day notify the WWB or on the neighbor islands, the respective district EHP chief with a follow-up call.

c. Press release. The owner/agent shall immediately send out a press release for spills of a thousand gallons or more, and for lesser spills if they present a substantial threat to public health. A press release shall comply with section 7.

d. Disinfection. The owner/agent shall disinfect the wastewater that is spilled onto the ground if the wastewater remains ponded on the ground for any sufficient length of time or if the discharge continues for any significant duration. Disinfection is not required if the owner/agent demonstrates that the spill was R-2 water and that BMPs as approved by the director were implemented.

e. Warning signs. The owner/agent shall immediately post warning signs in the vicinity of the spill area.

f. Clean up. All spill sites shall be cleared of all debris and standing wastewater, and disinfected pursuant to section 4.d.

In areas containing standing wastewater which cannot be removed, the owner/agent shall limit public access by having barricades or other means.

g. Reporting. The owner/agent of a public or private wastewater system shall report to the WWB as follows:
   (1) For spills of a thousand gallons or more, the owner/agent shall report to the WWB under section 9.a.
   (2) For spills less than a thousand gallons, immediate notice and reporting are not required. A tabulated summary of all spills less than a thousand gallons each shall be submitted to the WWB on a quarterly basis in accordance with section 9.b.
   (3) Exfiltration. Reporting of leaks or breaks in pipelines discovered during inflow/infiltration repair work is not required. These situations are considered exfiltration.

5. Spills to ground only - with no public access

a. Applicability. All wastewater spills from any public or private wastewater system that does not enter state waters and are in areas inaccessible to the public.
   (1) The public and inaccessibility are described in section 4.a.
   (2) Exclusion. Spills of R-1 water provided the owner/agent demonstrates the spill was of R-1 water and that BMPs as approved by the director were implemented.

b. Immediate notice to DOH. If a spill of a thousand gallons or more, and for spills over 50 gallons occurring more than twice

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within a 12 month, from the same cause and/or location, period within the confines or fence line of a wastewater system, the owner/agent shall notify the WWB within 24 hours.

c. Reporting. For spills of a thousand gallons or more, and for spills over 50 gallons occurring more than twice within a 12 month period, from the same cause and/or location, within the confines or fence line of a wastewater system, the owner/agent shall report to the WWB under section 9.a.

d. Recording. The owner/agent shall record and tabulate the date and time of the spill, the amount released, the cause(s) for the spill, clean up efforts, and remedial actions taken to prevent future spills for all spills greater than 50 gallons as they happen. The owner/agent shall keep the records and tabulations on site and make the records and tabulation available to the director for inspection and copying.

6. Spills to ground only - R-1 and RO water only

a. Applicability. Spills of R-1 or RO water provided the owner/agent demonstrates the spill was of R-1 or RO water and that BMPs as approved by the director were implemented.

b. Notice to DOH.
   (1) For spills of a thousand gallons or more occurs, the wastewater system owner/agent shall notify the WWB at least by phone by the end of the next working day. The notice shall provide the information required by section 6.d(1), below.
   (2) For spills of less than a thousand gallons, but more than fifty gallons, next day notice is not required, but the wastewater system owner/agent shall record the information and report as required by section 6.d.

c. Warning signs. For spills greater than fifty gallons, the owner/agent shall immediately post warning signs in the vicinity of the spill area.

d. Reporting. The owner/agent of a wastewater system shall report in writing to the WWB as follows:
   (1) Information of each spill shall include at least the spill's date, time, location, quantity, the reason for the spill, and any corrective action.
   (2) For spills more than fifty gallons, a tabulated summary shall be submitted to the WWB each year with the summary report required by section 11-62-28.

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7. Press release

The press release shall describe the location of the spill, the amount of wastewater released, what caused the spill, and what is being done to correct the situation. Also, include a contact person and telephone number (including an after hours/weekend contact). At a minimum, the press release shall be faxed, emailed or telephoned to the following:

a. Associated Press (for radio dissemination);
b. Major statewide and island newspapers;
c. Major television news stations;
d. Department of Health, Communications Office, Oahu
e. CWB if into state waters, otherwise WWB; and
f. For neighbor island spills, also include faxing the press release to the respective island DHOs.

8. Monitoring of state waters

Monitoring shall begin as soon as possible and be conducted in the receiving water area affected by the spill. Bacterial monitoring is not required if the owner/agent demonstrates that the spill was of R-1 water and that BMPs as approved by the director were implemented.

For spills entering fresh or brackish waters, the bacterial monitoring shall consist of sampling for the following indicator organisms:

a. Enterococci; and
b. Clostridium perfringens.

For spills entering marine waters, the bacterial monitoring shall consist of sampling for the following indicator organisms:

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a. Enterococci; and
b. Clostridium perfringens.

Results of the bacterial monitoring shall be submitted to the director in care of the CWB immediately. Monitoring shall continue until notification to stop is received from the director. With the approval of the director, on a case by case situation, some protocol requirements such as sampling or sign posting may be waived.

The director shall also be informed of the sampling stations and may modify the number of stations and site selection.

The director may require additional bacterial monitoring by the owner/agent to supplement their existing monitoring program, as may be necessary or appropriate.

9. Reporting

a. When required above, the owner/agent shall submit a written report of the details of the spill within five (5) working days of the incident to the director in care of the CWB or WWB as applicable. The director may waive the five day written reporting requirement on a case by case basis provided that the director receives a request for waiver prior to the due date of the report.

The report shall include the date and time of the spill, the amount released, the cause(s) of the spill, location where the spill entered state waters (storm drains, ditches, streams, etc.), clean up efforts, remedial actions to prevent future spills, a summary of the monitoring data, a map of the

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sampling locations and public notification procedures if applicable.

b. For spills not reported under section 9.a. and when required above, the owner/agent shall tabulate the following information: the date and time of the spill, the amount released, the cause(s) for the spill, clean up efforts, and remedial actions taken to prevent future spills. The owner/agent shall submit each quarter's tabulation to the WWB within 30 days after the quarter.

10. Modifications by the director

With the approval or under the direction of the director, response requirements may be increased, changed, reduced, or eliminated. For example, the director may require the owner/agent to post additional Warning Signs as needed or may assist in the removal of warning signs.

CHAPTER 11-62 APPENDIX C

FALLING HEAD TEST PROCEDURE

July 1, 2014

A. Preparing Percolation Test Hole(s)
   1. Dig or bore a hole, four to twelve inches in diameter with vertical walls to the approximate depth of the soil absorption system (bottom of trench or bed).
   2. Scratch the side wall and bottom to remove any smeared soil and remove loose material.
   3. Place one inch of coarse sand or gravel on bottom to protect bottom from scouring action when the water is added.

B. Determine Percolation Rate
   1. If soil is mostly clay, go to step D.
   2. Place twelve inches of water in hole and determine time to seep away. Record this time on the site evaluation form.
   3. Repeat step B.2. above. Also record this time on the site evaluation form.
   4. If the time of the second test is less than ten minutes go to step C, if not skip to step D.

C. Sandy (granular) Soils
   1. Establish a fixed reference point, add water to six inches above gravel and measure water level drops every ten minutes for 1 hour.
   2. Use a shorter time interval if first six inches seeps away in ten minutes or less.
   3. After each measurement, the water level is readjusted to the six inch level. At no time during the test is the water level allowed to rise more than the six inches above the gravel.
   4. Record time intervals and water drops on site evaluation form.
   5. Use final water level drop interval to calculate percolation rate. (step F)

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D. Other soils (non-granular, e.g. silt, loams and clays)
   1. Maintain at least twelve inches of water in the hole for at least four hours to presoak soil.
   2. Do not remove water remaining after four hours.
   3. Permit soil to swell at least twelve hours. (Dry clayey soils should be soaked and permitted to swell for longer periods to obtain stabilized percolation rates).
   4. After swelling, remove loose material on top of gravel.
   5. Use fixed reference point, adjust water level to six inches above gravel and measure water level drop.
   6. If the first six inches of water seeps away in less than thirty minutes, measure water level drops every ten-minutes and run for one hour.
   7. If the first six inches of water takes longer than thirty minutes to seeps away, use thirty minute time intervals for four hours or until two successive drops do not vary by more than one-sixteenth inch (stabilized rate).
   8. After each measurement, the water level is readjusted to the six inch level. At no time during the test is the water level allowed to rise more than the six inches above the gravel.
   9. Record time intervals and water drops on site evaluation form.
   10. Use final water level drop interval to calculate percolation rate. (step F)

F. Use final drop interval to calculate percolation rate and record on site evaluation form:

$$\frac{\text{Time Interval}}{\text{Water Level Drop}} = \text{Perc rate}$$

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CHAPTER 11-62 APPENDIX D - TABLES

TABLE I
July 1, 2014

Type of Establishment	Gallons Per Person Per Day (Unless Otherwise Noted)
Airports (per passenger)	5
Camps:	
Campground with central comfort stations	32
With flush toilets, no showers	25
Construction camps (semi-permanent)	50
Day camps (no meals served)	15
Resort camps (night and day) with limited plumbing	50
Luxury camps	100
Church	
With kitchen	10
Without kitchen	5
Cottages and small dwellings with seasonal occupancy (2 persons per bedroom minimum)	100
Country clubs (per resident member)	100
Country clubs (per non-resident member present)	25
Dentist per chair	200
Doctor per patient	5
Dwelling (2 persons per bedroom minimum)	100
Factories (gallons per person, per shift, exclusive of industrial waste)	35
Hair salons and barber shops,	
Barber shops (per chair)	50
Beauty salons (per chair)	125
Hospitals (per bed space)	250
Hotels with private baths (2 person per bedroom minimum)	100
Institutions other than hospitals (per bed space)	125
Laundries, self-service (per machine)	300
Mobile home parks (per space)	250
Motels with bath, toilet, and kitchen waste (per bed space)	60
Picnic parks (toilets wastes only) (per picnicker)	5
Picnic parks with bathhouses, showers, and flush toilets	50
Restaurants	
Per day per seat	50
Per meal without public restrooms	5
Per meal served with toilets	10
Additional kitchen wastes per take out meals	3
Additional for bars and cocktail lounges, per seat	15
Schools:	
Boarding	100
Day, without gyms, cafeteria, or showers	15
Day, with gyms, cafeteria, and showers	25
Day, with cafeteria, but without gyms or showers	20
Service station (per vehicle served)	10
Swimming pools and bathhouses	10
Theaters:	
Movie (per auditorium seat)	5
Drive-in (per car space)	5
Workers (in addition to above):	
Construction (at semi-permanent camps)	50
Day, at schools and offices (per shift)	20
Employee (per shift)	20

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TABLE II
July 1, 2014

Minimum Horizontal Distance From	Cesspool (ft)	Treatment Unit (ft)	Seepage Pit (ft)	Soil Absorption System (ft)
Wall line of any structure or building	5	5	5	5
Property line	9	5	9	5
Stream, the ocean at the shoreline certification, pond, lake, or other surface water body	50	50	50	50
Large trees	10	5	10	10
Treatment unit	5	5	5	5
Seepage pit	18	5	12	5
Cesspool	18	5	18	5
Soil absorption system	5	5	5	5
Potable water sources serving public water systems	1000	500	1000	1000

TABLE III

July 1, 2014

Percolation Rate (min/inch) Less than or equal to	Required Absorption Area (ft2/bedroom or 200 gallons)	Percolation Rate (min/inch) Less than or equal to	Required Absorption Area (ft2/bedroom or 200 gallons)
1	70	31	253
2	85	32	257
3	100	33	260
4	115	34	263
5	125	35	267
6	133	36	270
7	141	37	273
8	149	38	277
9	157	39	280
10	165	40	283
11	170	41	287
12	175	42	290
13	180	43	293
14	185	44	297
15	190	45	300
16	194	46	302
17	198	47	304
18	202	48	306
19	206	49	308
20	210	50	310
21	214	51	312
22	218	52	314
23	222	53	316
24	226	54	318
25	230	55	320
26	234	56	322
27	238	57	324
28	242	58	326
29	246	59	328
30	250	60	330

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TABLE IV
July 1, 2014

Pollutant	Pollutant Ceiling Concentration Limit (dry weight basis, mg/kg)
Arsenic	20
Cadmium	15
Chromium	200
Copper	1500
Lead	300
Mercury	10
Molybdenum	25
Nickel	420
Selenium	25
Zinc	2000

TABLE V
July 1, 2014

Amount of Wastewater Sludge (Metric Ton per 365 day period, dry weight basis)	Frequency
Greater than zero but less than 290	Once per year
Equal to or greater than 290 but less than 1500	Once per quarter
Equal to or greater than 1500 but less than 15,000	Once per 60 days
Equal to or greater than 15,000	Once per month
Amount of Wastewater Sludge (English Ton per 365 day period, dry weight basis)	Frequency
Greater than zero but less than 320	Once per year
Equal to or greater than 320 but less than 1650	Once per quarter
Equal to or greater than 1650 but less than 16,500	Once per 60 days
Equal to or greater than 16,500	Once per month

TABLE VI
July 1, 2014

Horizontal Distance From	Feet
Waters of the United States, state waters, the ocean at the vegetation line, or any other surface water body	50
Property line	50
Occupied building or dwelling	500
Potable water source serving public water systems	1000

TABLE VII
July 1, 2014

Pollutant	Pollutant Ceiling Concentration Limit (dry weight basis, mg/kg)
Arsenic	20
Chromium	200
Nickel	420

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CHAPTER 11-62 APPENDIX E

CHAPTER 11-62 FORM A
CERTIFICATION FORM - LAND APPLICATION
July 1, 2014

Instructions:

1. Each form must be signed and dated to be valid.
2. The certifier shall print or type his name below the signature line and print or type the certifier's title, if any, where indicated.
3. When the certifier checks a box or fills in a line other than the signature or date lines, the certifier shall initial below the check or the line, unless the certifier uses preprinted versions of the form which delete the boxes and lines which must be initialed.

[ ] For preparers only, I certify, under penalty of law, that:

[ ] 1. The pollutant concentration ceiling limits in Table IV of chapter 11-62, HAR have been met.

[ ] 2. The following pathogen requirements have been met:

[ ] a. The Class A pathogen requirements of §11-62-46(a), HAR, specifically §11-62-46(a) (_____); or

[ ] b. The Class B pathogen requirements of 40 CFR §503.32 (b),specifically §503.32(b) (_____) and notification each land owner and land applier of wastewater sludge which I have prepared, of the spacing and site restrictions in §11-62-43(g), HAR; and the

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management requirements in §11-62-43(h), HAR.

[ ] 3. Vector attraction reduction:

[ ] a. One of the vector attraction reduction requirements in 40 CFR §503.33(b) (1) through (8), has been met, specifically §503.33(b) (____); or

[ ] b. I have not met the one of the requirements of 40 CFR §503.33(b) (1) through (b) (8), and I informed the land applier and the owner of the land application site that one of the vector attraction reduction requirements in 40 CFR §503.33(b) (9) or (b) (10) must be met;

[ ] For appliers of wastewater sludge only, I certify, under penalty of law, that:

[ ] 4. One of the vector attraction reduction requirements in 40 CFR §503.33(b) (9) or (b) (10) has been met, specifically §503.33(b) (____);

[ ] 5. The spacing and site restrictions in §11-62-43(g) have been met; and

[ ] 6. The management requirements in §11-62-43(h), HAR have been met.

[ ] For appliers of septage only, I certify, under penalty of law, that:

[ ] 7. One of the pathogen requirements in 40 CFR §503.32(c) (1) or (c) (2) has been met, specifically §503.32(c) (____);

[ ] 8. One of the vector attraction reduction requirements in 40 CFR §503.33(b) (9), (b) (10), or (b) (12) has been met, specifically §503.33(b) (____);

[ ] 9. The spacing and site restrictions in §11-62-44(g), HAR have been met; and

[ ] 10. The management requirements in §11-62-44(h), HAR have been met.

I certify, under penalty of law, that the information that will be used to determine compliance with the foregoing requirements was prepared under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate this information. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment.

_____ _____

Date Name

Title:_____