

ONSITE SEWAGE PROGRAM ACCELERATED CERTIFICATION TRAINING

ONSITE SYSTEM CONSTRUCTION PERMITS AND INSPECTIONS
(MASTER CONTRACTOR PART III)



<p>OPERATING PERMIT</p> <p>Permit No. 10-001-000000 Authority: Florida Statute 381.002 Issued: 10/15/10 Expiration: 10/15/11</p> <p>CONDITIONS OF OPERATION</p> <p>Permit No. 10-001-000000 Authority: Florida Statute 381.002 Issued: 10/15/10 Expiration: 10/15/11</p> <p>RECEIPT</p> <p>Permit No. 10-001-000000 Authority: Florida Statute 381.002 Issued: 10/15/10 Expiration: 10/15/11</p>	<p>OPERATING PERMIT</p> <p>Permit No. 10-001-000000 Authority: Florida Statute 381.002 Issued: 10/15/10 Expiration: 10/15/11</p> <p>CONDITIONS OF OPERATION</p> <p>Permit No. 10-001-000000 Authority: Florida Statute 381.002 Issued: 10/15/10 Expiration: 10/15/11</p> <p>RECEIPT</p> <p>Permit No. 10-001-000000 Authority: Florida Statute 381.002 Issued: 10/15/10 Expiration: 10/15/11</p>
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10:15- 10:30
**Conventional Systems and Commercial / IM
Zone Operating Permits**

Conventional Systems Requiring Commercial or I/M Zone Operating Permits

- Wastewater Treatment Standards for Conventional Systems
- Operating Permit Requirements for Commercial Wastewater Treatment Systems and I/M Zones.
- Annual Operating Permit System Inspections
- Maintenance Entities
- System Maintenance Requirements

Wastewater Treatment Standards for Conventional Systems

- ▶ Conventional system treatment in I/M and Commercial Wastewater Situations:
 - Levels of treatment that can be achieved by a conventional baseline system.
 - What can and cannot be permitted by the DOH to use a conventional baseline system for wastewater treatment.

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Wastewater Treatment Standards:

POLLUTANT	EXISTING STANDARDS	EXISTING STANDARDS	NEUROSKIN UNIT	SECONDARY TREATMENT STANDARDS	ADVANCED TREATMENT STANDARDS	ADVANCED TREATMENT STANDARDS
BOD ₅ (5-day BOD at 20°C)	200 mg/l	< 5 mg/l	mg/l	mg/l	mg/l	mg/l
SS (suspended solids)	100 mg/l	< 5 mg/l	mg/l	mg/l	mg/l	mg/l
TN (total nitrogen)	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
TP (total phosphorus)	mg/l	< 5 mg/l	mg/l	mg/l	mg/l	mg/l
Feval coliforms	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Ammonia Nitrogen	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Chloride	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Fluoride	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Hardness	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Oil and Grease	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l

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Based on these documents and regulations:

•Where commercial wastewater is generated, or any wastewater is generated within an Industrial or Manufacturing area, an annual Operating Permit is required per 64E-6.003(5), FAC and 381.0065(4)(j)2.

•What if it is suspected that non-DOH regulated wastewater might enter the OSTDS?

•Where appropriate, sampling can be required as a condition of operation – the details and frequency of the sampling are to be determined by the County Health Department.



By statute, these permits are valid for 1 (one) year, at the end of which, they must be applied for again: they are not renewed.

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Based on these documents and regulations:

•Exempted from these requirements are systems that were in use prior to:

- July 1, 1998 for systems that would require a Commercial Operating Permit (Memo 98-039).
- July 5, 1989 for systems that would require an I/M Operating Permit [381.0065(4)(j)2].

•This exemption is only valid for as long as the original owner, system, and use remains unchanged. Examples of items that void this exemption are:

- Change in ownership.
- Change in tenancy.
- Change in estimated sewage flow.
- New system installation.
- System expansion or addition.
- System repair.
- Change in wastewater characteristics.
- Change in wastewater strength.
- Change in original permit conditions.

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Commercial and I/M Operating Permits are applied for on forms:

- DH4081 – Application for Onsite Sewage Treatment and Disposal System Operating Permit...and...

- DH4081A – Business Survey

• These forms:

- Document the proposed operating conditions.
- Must be amended prior to changes in operating conditions.
- Are filled out each year, and reviewed for compliance with the original system approval.
- Must be submitted with fees before an OSTDS receives final approval.
- Must be reviewed and approved by the County Health Department annually prior to Issuing the Operating Permit.

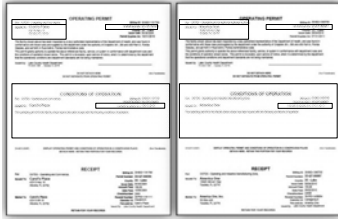


Operating Permit Application Considerations

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I/M and Commercial Operating Permits:

- ▶ The permits bear:
 - Permit Type
 - Permit Number
 - Permit Owner and Location
 - Conditions of Operation
 - Expiration Date



Regulatory Items

Location on the Permit

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Annual Operating Permit: System Inspections

- ▶ In order to ensure compliance with the conditions of operation specified on a Commercial or I/M Operating permit, an annual inspection is required.
- ▶ These inspections serve to determine whether any changes have occurred which would require the permit conditions to be amended or the permit to be revoked.
- ▶ The standard for determining if such is required, is comparison of the existing conditions to those specified on the originally approved permit and application.

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Commercial and I/M Operating Permits Annual Inspections:

- Annual site inspections are conducted to verify that the conditions of operation stated on the permit are not being exceeded.
- These inspections serve to document the operating conditions and determine if there have been any changes from the permitted and approved operating conditions.
 - These inspections are conducted annually by the CHD.
 - If the operating conditions have changed, an existing system evaluation and permit amendment is required.
 - If there is sufficient change in the operating conditions, a system modification, repair, new system installation, or denial of the permit may be required.

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