



Department of Environmental Protection

Jeb Bush
Governor

Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

Colleen Castille
Secretary

STATE OF FLORIDA INDUSTRIAL WASTEWATER FACILITY PERMIT

PERMITTEE:

Volusia County Department of Solid Waste Management
1990 Tomoka Farms Road
Daytona Beach, FL 32124

PERMIT NUMBER:

64-FL0037877 (Minor)

FILE NUMBER:

64-FL0037877-002-IW8D

ISSUANCE DATE:

December 2, 2005

EXPIRATION DATE:

December 1, 2010

RESPONSIBLE AUTHORITY:

Josef F. Grusauskas, Solid Waste Director
(jgrusauskas@co.volusia.fl.us)

FACILITY:

VCDSWM/Tomoka Farms Road Landfill Minor NPDES Conditional Discharge
1990 Tomoka Farms Road
Daytona Beach, FL 32124
Volusia County

Latitude: 29° 7' 43.82" N Longitude: 81° 4' 28.35" W

This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.) and applicable rules of the Florida Administrative Code (F.A.C.), and constitutes authorization to discharge to waters of the state under the National Pollutant Discharge Elimination System (NPDES). The above named permittee is hereby authorized to construct and operate the facilities shown on the application and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

This is an existing facility in which a perimeter canal and an internal drainage ditch intercept stormwater runoff. The perimeter canal is on the west side of the Class I landfill cell and the southwestern site boundary. The internal ditch is on the eastern and southeastern sides of the Class I cell. These structures have the potential to receive stormwater runoff that has had contact with solid wastes in the closed south cell of the facility. Flows from these structures are entirely rainfall based.

The structures also have the potential to intercept any leachate flowing laterally through the ground that may be missed by the leachate collection system. Flows from these structures are entirely rainfall based. The system to collect and treat the leachate is a part of the Solid Waste Permit and is not covered under this permit. The on-site treatment of the storm water run-off is also a part of the Solid Waste Permit. This permit covers the effluent from the on-site treatment system to the access road swale and then to the surface waters of the State. No further treatment is provided to effluent authorized by this permit. This permit also authorizes modification to the disposal system G-001. The modification is minor and consists of a reduction in the linear distance of the swale and the installation of 3,980 feet of 8 inch diameter pipe. The pipe installation will allow road construction in the area.

This permit will authorize the continued operation of the vehicle/equipment wash and recycle system. The system

PERMITTEE:

Volusia County Department of Solid Waste Management
1990 Tomoka Farms Road
Daytona Beach, FL 32124

PERMIT NUMBER:

FILE NUMBER:

ISSUANCE DATE:

EXPIRATION DATE:

64-FL0037877

64-FL0037877-002-IW8D

December 2, 2005

December 1, 2010

washes units used in the landfill operations.

The perimeter canal is cut deeply into the ground water. Water in the perimeter canal has extended retention time where settling and dilution with the ground water occurs. The internal ditch flows through a series of five impoundments of which the last is artificial wetlands. The wastewater is treated by natural attenuation in the impoundment system prior to discharge to the perimeter canal at a point several hundred feet upstream of the discharge pump location.

Existing Ground Water Disposal System G-001 is a swale about 4,880 feet long running east along the access road. This swale starts at the southeast corner of the closed south cell area and terminates at Outfall D-001 where the permit allows a Conditional NPDES surface discharge to the headwaters of the Tomoka River. The river is a Class III surface water body of the State at this location. No further treatment is provided.

Proposed Ground Water Disposal System G-001 - The facility will install a discharge pipe and fill in approximately 3,560 foot length of the G-001 disposal system (the swale). The remaining easterly land application area of the swale shall be a bout 1320 feet long. No further treatment is provided.

Condition Surface Water Discharge System D-001: No further treatment is provided.

Closed Loop Recycle System: The wastewater generated from washing the vehicles and equipment is treated in a pre-engineered treatment system built by "Ultra-sorb". The treated effluent from the Ultra-sorb system is reused in the washing operation. There is no discharge from the closed loop recycle system to the ground or surface waters of the State. (See DEP Exhibit number 1).

EFFLUENT DISPOSAL:

Land Application:

Minor modifications to an existing 0.110 MGD average daily flow (ADF) land application system (G-001) consisting of a percolation swale. Land application system G-001 is located approximately at latitude 29° 07' 39.68" N, longitude 81° 05' 37.91" W.

Surface Water Discharge:

Discharge of stormwater from Outfall D-001 is authorized after rainfall events exceeding the 10-year 24-hour storm event.

Ground water quality requirements are addressed by the DEP Solid Waste Permit number SO64-0078767-019 or current version.

IN ACCORDANCE WITH: The limitations, monitoring requirements and other conditions as set forth in Part I through Part VIII on pages 3 through 15 of this permit.

PERMITTEE:

Volusia County Department of Solid Waste Management
1990 Tomoka Farms Road
Daytona Beach, FL 32124

PERMIT NUMBER:

FILE NUMBER:

ISSUANCE DATE:

EXPIRATION DATE:

64-FL0037877

64-FL0037877-002-IW8D

December 2, 2005

December 1, 2010

I. Effluent Limitations and Monitoring Requirements

A. Surface Water Discharges

1. During the period beginning on the issuance date and lasting through the expiration date of this permit, the permittee is authorized to discharge from Outfall D-001, after rainfall events exceeding the 10-year 24-hour storm event. Such discharge shall be limited and monitored by the permittee as specified below and reported in accordance with condition I.E.3.:

Parameters (units)	Discharge Limitations			Monitoring Requirements		
	Monthly Average	Daily Maximum	Daily Minimum	Monitoring Frequency	Sample Type	Sample Point
Flow (MGD)	--	Report	--	Daily	Meter	EFF-02
Carbon, Total Organic (TOC) (MG/L)	--	Report	--	Monthly	Grab	EFF-02
Oxygen, Dissolved (DO) (MG/L)	--	--	5.0	Monthly	Grab	EFF-02
pH (SU)	--	8.5	6.0	Monthly	Grab	EFF-02
Oil and Grease (MG/L)	--	5.0	--	Monthly	Grab	EFF-02
Specific Conductance (UMHO/CM)	--	Report	--	Monthly	Grab	EFF-02
Iron, Total Recoverable (MG/L)	--	0.30	--	Monthly	Grab	EFF-02
Silver, Total Recoverable (UG/L)	--	0.07	--	Monthly	Grab	EFF-02

2. Effluent samples shall be taken at the monitoring site locations listed in permit condition I.A.1 and as described below:

Sample Point	Description of Monitoring Location
EFF-02	Overflow weir at the eastern end of the disposal swale and the south side of the access road.

3. There shall be no discharge of floating solids or visible foam in other than trace amounts.
4. The discharge shall not cause a visible sheen on the receiving water.
5. Only the portion of the stormwater runoff that exceeds the 10 year, 24 hour rainfall event is authorized for surface discharge to waters of the State. There shall be no surface water discharge for any rainfall event below the 10 year, 24 hour storm.

B. Underground Injection Control Systems

1. This section is not applicable to this facility.

PERMITTEE:

Volusia County Department of Solid Waste Management
 1990 Tomoka Farms Road
 Daytona Beach, FL 32124

PERMIT NUMBER:

FILE NUMBER:

ISSUANCE DATE:

EXPIRATION DATE:

64-FL0037877

64-FL0037877-002-IW8D

December 2, 2005

December 1, 2010

C. Land Application Systems

1. During the period beginning on the issuance date and lasting through the expiration date of this permit, the permittee is authorized to discharge stormwater to Land Application System G-001, a percolation pond (swale). Such discharge shall be limited and monitored by the permittee as specified below and reported in accordance with condition I.E.3.:

Parameters (units)	Discharge Limitations			Monitoring Requirements		
	Monthly Average	Daily Maximum	Daily Minimum	Monitoring Frequency	Sample Type	Sample Point
Flow (MGD)	Report	Report	--	Daily	Meter	EFF-01
pH (SU)	--	9.0	6.0	Monthly	Grab	EFF-01
Petrol Hydrocarbons, Total Recoverable (MG/L)	--	Report	--	Monthly	Grab	EFF-01
Iron, Total Recoverable (MG/L)	--	Report	--	Monthly	Grab	EFF-01
Silver, Total Recoverable (UG/L)	--	Report	--	Monthly	Grab	EFF-01
Carbon, Total Organic (TOC) (MG/L)	--	Report	--	Monthly	Grab	EFF-01
Phosphorus, Total (as P) (UG/L)	--	Report	--	Monthly	Grab	EFF-01
Nitrogen, Total (MG/L)	--	Report	--	Monthly	Grab	EFF-01
Surfactants (MBAs) (MG/L)	--	Report	--	Monthly	Grab	EFF-01

Daily Discharge - The “discharge of a pollutant” measured during a calendar day or any 24 hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in units of mass, the “daily discharge” is calculated as the total mass of the pollutants discharged over the day. For pollutants expressed in other units of measurements; e.g., concentration, “daily discharge” is calculated as the average measurement of the pollutant over the day.

Average Monthly Discharge Limitation - The highest allowable average of “daily discharges” over a calendar month, calculated as the sum of all “daily discharges” measured during a calendar month divided by the number of “daily discharges” measured during that month.

Maximum Daily Discharge Limitation - The highest allowable daily discharge.

2. Effluent samples shall be taken at the monitoring site locations listed in permit condition I.C.1 and as described below:

Sample Point	Description of Monitoring Location
EFF-01	Discharge point where the wastewater is pumped from the perimeter canal to the western end of the disposal swale.

PERMITTEE:

Volusia County Department of Solid Waste Management
1990 Tomoka Farms Road
Daytona Beach, FL 32124

PERMIT NUMBER:

64-FL0037877

FILE NUMBER:

64-FL0037877-002-IW8D

ISSUANCE DATE:

December 2, 2005

EXPIRATION DATE:

December 1, 2010

D. Other Methods of Disposal or Recycling

1. There shall be no discharge of industrial wastewater from this facility to ground or surface waters, except as authorized by this permit.

E. Other Limitations and Monitoring and Reporting Requirements

1. The sample collection, analytical test methods and method detection limits (MDLs) applicable to this permit shall be in accordance with Rule 62-4.246, Chapters 62-160 and 62-601, F.A.C., and 40 CFR 136, as appropriate. The list of Department established analytical methods, and corresponding MDLs (method detection limits) and PQLs (practical quantification limits), which is titled "Florida Department of Environmental Protection Table as Required By Rule 62-4.246(4) Testing Methods for Discharges to Surface Water" is available at <http://www.dep.state.fl.us/labs/guidance/index.htm>. The MDLs and PQLs as described in this list shall constitute the minimum acceptable MDL/PQL values and the Department shall not accept results for which the laboratory's MDLs or PQLs are greater than those described above unless the Department for this permit has specifically approved alternate MDLs and/or PQLs. Any method included in the list may be used for reporting as long as it meets the following requirements:
 - a. The laboratory's reported MDL and PQL values for the particular method must be equal or less than the corresponding method values specified in the Department's approved MDL and PQL list;
 - b. The laboratory reported MDL for the specific parameter is less than or equal to the permit limit or the applicable water quality criteria, if any, stated in Chapter 62-302, F.A.C. Parameters that are listed as "report only" in the permit shall use methods that provide a MDL, which is equal to or less than the applicable water quality criteria stated in 62-302, F.A.C.; and
 - c. If the MDLs for all methods available in the approved list are above the stated permit limit or applicable water quality criteria for that parameter, then the method with the lowest stated MDL shall be used.

When the analytical results are below method detection or practical quantification limits, the permittee shall report the actual laboratory MDL and/or PQL values for the analyses that were performed following the instructions on the applicable discharge monitoring report.

Where necessary, the permittee may request approval of alternate methods or for alternative MDLs or PQLs for any approved analytical method. Approval of alternate laboratory MDLs and PQLs are not necessary if the laboratory reported MDLs and PQLs are less than or equal to the permit limit or the applicable water quality criteria, if any, stated in Chapter 62-302, F.A.C. Approval of an analytical method not included in the above-referenced list is not necessary if the analytical method is in accordance with 40 CFR 136.

2. Parameters which must be monitored as a result of a surface water discharge shall be analyzed using a sufficiently sensitive method to assure compliance with applicable water quality standards and effluent limitations in accordance with 40 CFR Part 136. All monitoring shall be representative of the monitored activity.
3. Monitoring requirements under this permit are effective on the first day of the second month following permit issuance. Until such time, the permittee shall continue to monitor and report in accordance with previously effective permit requirements, if any. During the period of operation authorized by this permit, the permittee shall complete and submit to the Central District Office Discharge Monitoring Reports (DMRs) in accordance with the frequencies specified by the REPORT type (i.e., monthly, etc.) indicated on the DMR forms attached

PERMITTEE:

Volusia County Department of Solid Waste Management
1990 Tomoka Farms Road
Daytona Beach, FL 32124

PERMIT NUMBER:

FILE NUMBER:

ISSUANCE DATE:

EXPIRATION DATE:

64-FL0037877

64-FL0037877-002-IW8D

December 2, 2005

December 1, 2010

to this permit. Monitoring results for each monitoring period shall be submitted in accordance with the associated DMR due dates below.

REPORT Type on DMR	Monitoring Period	DMR Due Date
Monthly	first day of month – last day of month	28 th day of following month

If no discharge occurs during the reporting period, sampling requirements of this permit do not apply. However, the DMRs shall be submitted as specified above with the NO DISCHARGE FROM SITE indicator box checked or the statement, “No Discharge” written thereon. If, during the term of this permit, the facility ceases to discharge, the Department shall be notified immediately upon cessation of discharge. Such notification shall be in writing.

- The permittee shall make copies of the attached DMRs and submit the completed DMRs to the Department’s Central District Office at the address specified in Permit Condition I.E.5. All reports and other information shall be signed in accordance with requirements of Rule 62-620.305, F.A.C.
- Unless specified otherwise in this permit, all reports and notifications required by this permit, including twenty-four hour notifications, shall be submitted to or reported to the Central District Office at the address specified below:

Florida Department of Environmental Protection
Central District Office
Wastewater Compliance/Enforcement Section
Suite 232, 3319 Maguire Blvd.
Orlando, FL 32803

Phone Number - (407) 893-3313
FAX Number - (407) 893-3166 (All FAX copies shall be followed by original copies.)

- The permittee shall provide safe access points for obtaining representative samples, which are required by this permit.
- If there is no discharge from the facility on a day scheduled for sampling, the sample shall be collected on the day of the next discharge.
- Any bypass of the treatment facility which is not included in the monitoring specified in sections I.A or I.C is to be monitored for flow and all other required parameters. For parameters other than flow, at least one grab sample per day shall be monitored. Daily flow shall be monitored or estimated, as appropriate, to obtain reportable data. All monitoring results shall be reported on the appropriate DMR.

II. Industrial Sludge Management Requirements

- This section not applicable to this facility.

III. Ground Water Monitoring Requirements

- This section is not applicable to this facility.
- Ground Water quality associated with the operation of the Landfill is regulated under the DEP Solid Waste

PERMITTEE:
 Volusia County Department of Solid Waste Management
 1990 Tomoka Farms Road
 Daytona Beach, FL 32124

PERMIT NUMBER: 64-FL0037877
 FILE NUMBER: 64-FL0037877-002-IW8D
 ISSUANCE DATE: December 2, 2005
 EXPIRATION DATE: December 1, 2010

permit number SO64-0078767-019 or most current revision.

IV. Other Land Application Requirements

1. This section is not applicable to this facility.

V. Operation and Maintenance Requirements

A. Treatment and Disposal Facilities

1. The permittee shall ensure that the operation of this facility is as described in the application and supporting documents.
2. The operation of the pollution control facilities described in this permit shall be under the supervision of a person who is qualified by formal training and/or practical experience in the field of water pollution control.

B. Record keeping Requirements:

1. The permittee shall maintain the following records on the site of the permitted facility and make them available for inspection:
 - a. Records of all compliance monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, including, if applicable, a copy of the laboratory certification showing the certification number of the laboratory, for at least three years from the date the sample or measurement was taken;
 - b. Copies of all reports, other than those required in items a. and f. of this section, required by the permit for at least three years from the date the report was prepared, unless otherwise specified by Department rule;
 - c. Records of all data, including reports and documents used to complete the application for the permit for at least three years from the date the application was filed, unless otherwise specified by Department rule;
 - d. A copy of the current permit;
 - e. A copy of any required record drawings;
 - f. Copies of the logs and schedules showing plant operations and equipment maintenance for three years from the date on the logs or schedule.

VI. Schedules

1. A Best Management Practices (BMP) Plan shall be prepared and implemented in accordance with Part VII of this permit and the following schedule:

Action Item		Scheduled Completion Date
1	Continue Implementing Existing BMP Plan	Issuance Date of Permit

2. The following construction schedule shall be followed, unless notification of a schedule revision is provided

PERMITTEE:
 Volusia County Department of Solid Waste Management
 1990 Tomoka Farms Road
 Daytona Beach, FL 32124

PERMIT NUMBER: 64-FL0037877
 FILE NUMBER: 64-FL0037877-002-IW8D
 ISSUANCE DATE: December 2, 2005
 EXPIRATION DATE: December 1, 2010

and acceptable to the Department:

Implementation Step		Completion Date
1	Submit a report when the installation of the discharge pipe within the filled swale is complete.	Within 30 days after the pipe is installed.

3. The permittee shall achieve compliance with the other conditions of this permit as follows:

An operational level of compliance with the terms and conditions of this permit shall be attained within 14 days from the Issuance Date. Where construction is required and time for that construction is included the schedule contained herein, then the permittee is considered in compliance in the interim period with reference to the completion of construction. This applies to the period allowed for the development of the BMP.

4. No later than 14 calendar days following a date identified in the above schedule(s) of compliance, the permittee shall submit either a report of progress or, in the case of specific actions being required by an identified date, a written notice of compliance or noncompliance. In the latter case, the notice shall include the cause of noncompliance, any remedial actions taken, and the probability of meeting the next scheduled requirement.

VII. Other Specific Conditions

A. Specific Conditions Applicable to All Permits

1. Drawings, plans, documents or specifications submitted by the permittee, not attached hereto, but retained on file at the Central District Office, are made a part hereof.
2. Where required by Chapter 471 (P.E.) or Chapter 492 (P.G.) F.S., applicable portions of reports to be submitted under this permit, shall be signed and sealed by the professional(s) who prepared them.
3. This permit satisfies Industrial Wastewater program permitting requirements only and does not authorize operation of this facility prior to obtaining any other permits required by local, state or federal agencies.
4. The permittee shall provide verbal notice to the Department as soon as practical after discovery of a sinkhole within an area for the management or application of wastewater or sludge. The permittee shall immediately implement measures appropriate to control the entry of contaminants, and shall detail these measures to the Department in a written report within 7 days of the sinkhole discovery.

B. Specific Conditions Related to Construction (associated only with the pipeline construction)

1. Within thirty days of completion of construction, the permittee shall submit to the Department a completed "Certification of Completion of Construction" (DEP Form 62-620.910(12)) signed and sealed by the engineer of record or other engineer registered in the state of Florida.
2. Record drawings shall be prepared and made available in accordance with Rule 62-620.410(6), F.A.C., and the Department of Environmental Protection Guide to Wastewater Permitting within six months of placing the facilities into operation.

C. Duty to Reapply

- 1 The permittee shall apply for renewal of this permit at least 180 days before the expiration date of the permit

PERMITTEE:

Volusia County Department of Solid Waste Management
1990 Tomoka Farms Road
Daytona Beach, FL 32124

PERMIT NUMBER:

64-FL0037877

FILE NUMBER:

64-FL0037877-002-IW8D

ISSUANCE DATE:

December 2, 2005

EXPIRATION DATE:

December 1, 2010

using the appropriate forms listed in Rule 62-620.910, F.A.C., including submittal of the appropriate processing fee set forth in Rule 62-4.050, F.A.C. The existing permit shall not expire until the Department has taken final action on the application renewal in accordance with the provisions of 62-620.335(3) and (4), F.A.C.

D. Specific Conditions Related to Best Management Practices

1. BMP Plan:

For purposes of this part, the terms "pollutant" or "pollutants" refer to any substance listed as toxic under Section 307(a)(1) of the Clean Water Act (the "Act"), oil, as defined in Section 311(a)(1) of the Act, and any substance listed as hazardous under Section 311 of the Act. The permittee shall develop and implement a Best Management Practices (BMP) plan which prevents, or minimizes, the potential for the release of pollutants from ancillary activities, including material storage areas; plant site runoff; in-plant transfer, process and material handling areas; loading and unloading operations; and sludge and waste disposal areas, to the waters of the State through plant site runoff; spillage or leaks; sludge or waste disposal; or drainage from raw material storage.

2. Implementation:

The BMP plan shall be developed and implemented in accordance with the schedule contained in Part VI of this permit.

3. General Requirements:

The BMP plan shall:

- a. Be documented in narrative form, and shall include any necessary plot plans, drawings or maps.
- b. Establish specific objectives for the control of pollutants.
 - (1) Each facility component or system shall be examined for its potential for causing a release of significant amounts of pollutants to waters of the State due to equipment failure, improper operation, natural phenomena such as rain, etc.
 - (2) Where experience indicates a reasonable potential for equipment failure (e.g., a tank overflow or leakage), natural conditions (e.g., precipitation), or other circumstances to result in significant amounts of pollutants reaching surface waters, the plan should include a prediction of the direction, rate of flow, and total quantity of pollutants which could be discharged from the facility as a result of each condition or circumstance.
- c. Establish specific best management practices to meet the objectives identified under paragraph b. of this subsection, addressing each component or system capable of causing a release of significant amounts of pollutants to the waters of the State, and identifying specific preventative or remedial measures to be implemented.
- d. Be reviewed by plant engineering staff and plant manager.

4. Documentation:

The permittee shall maintain the BMP plan at the facility and shall make the plan available to the Department upon request.

PERMITTEE:

Volusia County Department of Solid Waste Management
1990 Tomoka Farms Road
Daytona Beach, FL 32124

PERMIT NUMBER:

64-FL0037877

FILE NUMBER:

64-FL0037877-002-IW8D

ISSUANCE DATE:

December 2, 2005

EXPIRATION DATE:

December 1, 2010

5. **BMP Plan Modification:**

The permittee shall amend the BMP plan whenever there is a change in the facility or change in the operation of the facility which materially increases the potential for the ancillary activities to result in a discharge of significant amounts of pollutants.

6. **Modification for Ineffectiveness:**

If the BMP plan proves to be ineffective in achieving the general objective of preventing the release of significant amounts of pollutants to surface waters and the specific objectives and requirements under paragraphs b. and c. of item 3, the permit shall be subject to modification pursuant to rule 62-620.325, F.A.C., to incorporate revised BMP requirements.

E. Specific Conditions Related to Existing Manufacturing, Commercial, Mining, and Silviculture Wastewater Facilities or Activities

1. This Section not applicable to this permit.

F. Reopener Clause

1. The permit shall be revised, or alternatively, revoked and reissued in accordance with the provisions contained in Rules 62-620.325 and 62-620.345 F.A.C., if applicable.
 - a. Contains different conditions or is otherwise more stringent than any condition in the permit/or;
 - b. Controls any pollutant not addressed in the permit.
2. The permit as revised or reissued under this paragraph shall contain any other requirements then applicable.
3. The permit may be reopened to adjust effluent limitations or monitoring requirements should DEP approved changes in water quality standards, or other information show a need for a different limitation or monitoring requirement.
4. The Department may re-open this permit with respect to the conditional surface discharge at outfall D-001 should applicable Federal or State of Florida requirements change such that the act of reopening the permit is required for compliance with those regulations.

VIII. General Conditions

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit are binding and enforceable pursuant to Chapter 403, F.S. Any permit noncompliance constitutes a violation of Chapter 403, F.S., and is grounds for enforcement action, permit termination, permit revocation and reissuance, or permit revision. [62-620.610(1), F.A.C.]
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications or conditions of this permit constitutes grounds for revocation and enforcement action by the Department. [62-620.610(2), F.A.C.]
3. As provided in subsection 403.087(7), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of

PERMITTEE:

Volusia County Department of Solid Waste Management
1990 Tomoka Farms Road
Daytona Beach, FL 32124

PERMIT NUMBER:

FILE NUMBER:

ISSUANCE DATE:

EXPIRATION DATE:

64-FL0037877

64-FL0037877-002-IW8D

December 2, 2005

December 1, 2010

personal rights, nor authorize any infringements of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit or authorization that may be required for other aspects of the total project which are not addressed in this permit. [62-620.610(3), F.A.C.]

4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title. [62-620.610(4), F.A.C.]
5. This permit does not relieve the permittee from liability and penalties for harm or injury to human health or welfare, animal or plant life, or property caused by the construction or operation of this permitted source; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department. The permittee shall take all reasonable steps to minimize or prevent any discharge, reuse of reclaimed water, or residuals use or disposal in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment. 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. [62-620.610(5), F.A.C.]
6. If the permittee wishes to continue an activity regulated by this permit after its expiration date, the permittee shall apply for and obtain a new permit. [62-620.610(6), F.A.C.]
7. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control, and related appurtenances, that are installed and used by the permittee to achieve compliance with the conditions of this permit. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to maintain or achieve compliance with the conditions of the permit. [62-620.610(7), F.A.C.]
8. This permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit revision, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. [62-620.610(8), F.A.C.]
9. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, including an authorized representative of the Department and authorized EPA personnel, when applicable, upon presentation of credentials or other documents as may be required by law, and at reasonable times, depending upon the nature of the concern being investigated, to
 - a. Enter upon the permittee's premises where a regulated facility, system, or activity is located or conducted, or where records shall be kept under the conditions of this permit;
 - b. Have access to and copy any records that shall be kept under the conditions of this permit;
 - c. Inspect the facilities, equipment, practices, or operations regulated or required under this permit; and
 - d. Sample or monitor any substances or parameters at any location necessary to assure compliance with this permit or Department rules.[62-620.610(9), F.A.C.]
10. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data, and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except as such use is proscribed by Section 403.111, Florida Statutes, or Rule 62-620.302, F.A.C. Such evidence shall only be used to the extent that it is consistent with the Florida Rules of Civil Procedure and applicable evidentiary rules. [62-620.610(10), F.A.C.]
11. When requested by the Department, the permittee shall within a reasonable time provide any information

PERMITTEE:

Volusia County Department of Solid Waste Management
1990 Tomoka Farms Road
Daytona Beach, FL 32124

PERMIT NUMBER:

FILE NUMBER:

ISSUANCE DATE:

EXPIRATION DATE:

64-FL0037877

64-FL0037877-002-IW8D

December 2, 2005

December 1, 2010

required by law which is needed to determine whether there is cause for revising, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also provide to the Department upon request copies of records required by this permit to be kept. If the permittee becomes aware of relevant facts that were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be promptly submitted or corrections promptly reported to the Department. [62-620.610(11), F.A.C.]

12. Unless specifically stated otherwise in Department rules, the permittee, in accepting this permit, agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided however, the permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, F.A.C., shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard. [62-620.610(12), F.A.C.]
13. The permittee, in accepting this permit, agrees to pay the applicable regulatory program and surveillance fee in accordance with Rule 62-4.052, F.A.C. [62-620.610(13), F.A.C.]
14. This permit is transferable only upon Department approval in accordance with Rule 62-620.340, F.A.C. The permittee shall be liable for any noncompliance of the permitted activity until the Department approves the transfer. [62-620.610(14), F.A.C.]
15. The permittee shall give the Department written notice at least 60 days before inactivation or abandonment of a wastewater facility and shall specify what steps will be taken to safeguard public health and safety during and following inactivation or abandonment. [62-620.610(15), F.A.C.]
16. The permittee shall apply for a revision to the Department permit in accordance with Rule 62-620.300, F.A.C., and the Department of Environmental Protection Guide to Wastewater Permitting at least 90 days before construction of any planned substantial modifications to the permitted facility is to commence or with Rule 62-620.325(2), F.A.C., for minor modifications to the permitted facility. A revised permit shall be obtained before construction begins except as provided in Rule 62-620.300, F.A.C. [62-620.610(16), F.A.C.]
17. The permittee shall give advance notice to the Department of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements. The permittee shall be responsible for any and all damages which may result from the changes and may be subject to enforcement action by the Department for penalties or revocation of this permit. The notice shall include the following information:
 - a. A description of the anticipated noncompliance;
 - b. The period of the anticipated noncompliance, including dates and times; and
 - c. Steps being taken to prevent future occurrence of the noncompliance.[62-620.610(17), F.A.C.]
18. Sampling and monitoring data shall be collected and analyzed in accordance with Rule 62-4.246, Chapters 62-160 and 62-601, F.A.C., and 40 CFR 136, as appropriate.
 - a. Monitoring results shall be reported at the intervals specified elsewhere in this permit and shall be reported on a Discharge Monitoring Report (DMR), DEP Form 62-620.910(10), or as specified elsewhere in the permit.
 - b. If the permittee monitors any contaminate more frequently than required by the permit, using Department approved test procedures, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.
 - c. Calculations for all limitations which require averaging of measurements shall use an arithmetic mean unless otherwise specified in this permit.
 - d. Except as specifically provided in Rule 62-160.300, F.A.C., any laboratory test required by this permit shall

PERMITTEE:

Volusia County Department of Solid Waste Management
1990 Tomoka Farms Road
Daytona Beach, FL 32124

PERMIT NUMBER:

FILE NUMBER:

ISSUANCE DATE:

EXPIRATION DATE:

64-FL0037877

64-FL0037877-002-IW8D

December 2, 2005

December 1, 2010

- be performed by a laboratory that has been certified by the Department of Health Environmental Laboratory Certification Program (DOH ELCP). Such certification shall be for the matrix, test method and analyte(s) being measured to comply with this permit. For domestic wastewater facilities, testing for parameters listed in Rule 62-160.300(4), F.A.C., shall be conducted under the direction of a certified operator.
- e. Field activities including on-site tests and sample collection shall follow the applicable standard operating procedures described in DEP-SOP-001/01 adopted by reference in Chapter 62-160, F.A.C.
 - f. Alternate field procedures and laboratory methods may be used where they have been approved in accordance with Rules 62-160.220 and 62-160.330, F.A.C.
[62-620.610(18), F.A.C.]
19. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule detailed elsewhere in this permit shall be submitted no later than 14 days following each schedule date. [62-620.610(19), F.A.C.]
20. The permittee shall report to the Department's Central District Office any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within five days of the time the permittee becomes aware of the circumstances. The written submission shall contain: a description of the noncompliance and its cause; the period of noncompliance including exact dates and time, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.
- a. The following shall be included as information which must be reported within 24 hours under this condition:
 - (1) Any unanticipated bypass which causes any reclaimed water or effluent to exceed any permit limitation or results in an unpermitted discharge,
 - (2) Any upset which causes any reclaimed water or the effluent to exceed any limitation in the permit,
 - (3) Violation of a maximum daily discharge limitation for any of the pollutants specifically listed in the permit for such notice, and
 - (4) Any unauthorized discharge to surface or ground waters.
 - b. Oral reports as required by this subsection shall be provided as follows:
 - (1) For unauthorized releases or spills of untreated or treated wastewater reported pursuant to subparagraph a.(4) that are in excess of 1,000 gallons per incident, or where information indicates that public health or the environment will be endangered, oral reports shall be provided to the Department by calling the STATE WARNING POINT TOLL FREE NUMBER (800) 320-0519, as soon as practical, but no later than 24 hours from the time the permittee becomes aware of the discharge. The permittee, to the extent known, shall provide the following information to the State Warning Point:
 - (a) Name, address, and telephone number of person reporting;
 - (b) Name, address, and telephone number of permittee or responsible person for the discharge;
 - (c) Date and time of the discharge and status of discharge (ongoing or ceased);
 - (d) Characteristics of the wastewater spilled or released (untreated or treated, industrial or domestic wastewater);
 - (e) Estimated amount of the discharge;
 - (f) Location or address of the discharge;
 - (g) Source and cause of the discharge;
 - (h) Whether the discharge was contained on-site, and cleanup actions taken to date;
 - (i) Description of area affected by the discharge, including name of water body affected, if any; and
 - (j) Other persons or agencies contacted.
 - (2) Oral reports, not otherwise required to be provided pursuant to subparagraph b.(1) above, shall be provided to Department's Central District Office within 24 hours from the time the permittee becomes aware of the circumstances.
 - c. If the oral report has been received within 24 hours, the noncompliance has been corrected, and the

PERMITTEE:

Volusia County Department of Solid Waste Management
1990 Tomoka Farms Road
Daytona Beach, FL 32124

PERMIT NUMBER:

FILE NUMBER:

ISSUANCE DATE:

EXPIRATION DATE:

64-FL0037877

64-FL0037877-002-IW8D

December 2, 2005

December 1, 2010

noncompliance did not endanger health or the environment, the Department's Central District Office shall waive the written report.
[62-620.610(20), F.A.C.]

21. The permittee shall report all instances of noncompliance not reported under Conditions VIII.17., 18. and 19. of this permit at the time monitoring reports are submitted. This report shall contain the same information required by Condition VIII.20. of this permit. [62-620.610(21), F.A.C.]

22. Bypass Provisions.

- a. Bypass is prohibited, and the Department may take enforcement action against a permittee for bypass, unless the permittee affirmatively demonstrates that:
 - (1) Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; and
 - (2) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventative maintenance; and
 - (3) The permittee submitted notices as required under Condition VIII.22.b. of this permit.
- b. If the permittee knows in advance of the need for a bypass, it shall submit prior notice to the Department, if possible at least 10 days before the date of the bypass. The permittee shall submit notice of an unanticipated bypass within 24 hours of learning about the bypass as required in Condition VIII.20. of this permit. A notice shall include a description of the bypass and its cause; the period of the bypass, including exact dates and times; if the bypass has not been corrected, the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent recurrence of the bypass.
- c. The Department shall approve an anticipated bypass, after considering its adverse effect, if the permittee demonstrates that it will meet the three conditions listed in Condition VIII.22 a.(1) through (3) of this permit.
- d. A permittee may allow any bypass to occur which does not cause reclaimed water or effluent limitations to be exceeded if it is for essential maintenance to assure efficient operation. These bypasses are not subject to the provision of Condition VIII.22.a. through c. of this permit.
[62-620.610(22), F.A.C.]

23. Upset Provisions

- a. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed contemporaneous operating logs, or other relevant evidence that:
 - (1) An upset occurred and that the permittee can identify the cause(s) of the upset;
 - (2) The permitted facility was at the time being properly operated;
 - (3) The permittee submitted notice of the upset as required in Condition VIII.20. of this permit; and
 - (4) The permittee complied with any remedial measures required under Condition VIII.5. of this permit.
- b. In any enforcement proceeding, the burden of proof for establishing the occurrence of an upset rests with the permittee.

PERMITTEE:

Volusia County Department of Solid Waste Management
1990 Tomoka Farms Road
Daytona Beach, FL 32124

PERMIT NUMBER:

64-FL0037877

FILE NUMBER:

64-FL0037877-002-IW8D

ISSUANCE DATE:

December 2, 2005

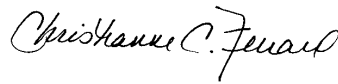
EXPIRATION DATE:

December 1, 2010

- c. Before an enforcement proceeding is instituted, no representation made during the Department review of a claim that noncompliance was caused by an upset is final agency action subject to judicial review.
[62-620.610(23), F.A.C.]

Executed in Orlando, Florida.

STATE OF FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION



Christianne C. Ferraro, P. E.
Program Administrator

DATE: December 2, 2005