FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

Waste Management
ENVIRONMENTAL QUALITY

UNIT TYPE:												
Lined MSWLF		LCID		YW		Transfer		Compost		SLAS	X	COUNTY: **Onslow**
Closed MSWLF		HHW		White goods		Incin		T&P		FIRM		PERMIT NO.: **SLAS-67-11**
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF		FILE TYPE: COMPLIANCE

Date of Site Inspection: 08/11/15 **Date of Last Inspection:** 05/11/15

FACILITY NAME AND ADDRESS:
Ray Zamora Sr.
Ray's Septic Service
1142 Gould Rd.
Jacksonville, NC 28540

GPS COORDINATES: **N:** *34.85831* **E:** *-77.57112*

FACILITY CONTACT INFORMATION:
Name: *Ray Zamora Sr.*
Address: *Same as above*
Telephone: *910-478-9754*
Email address: *rzamora@ec.rr.com*

PARTICIPANTS: *Chester Cobb (DWM), John College (DWM), Ray Zamora, and Diana Zamora*

STATUS OF PERMIT: *Active* **EXPIRES:** *09/26/15*

PURPOSE OF SITE VISIT: *Re-permit*

STATUS OF PAST NOTED VIOLATIONS:

OBSERVED VIOLATIONS:

(1) Upon review of submitted records for permit renewal, it was found that the permitted maximum annual application rate of 50,000 gallons/acre/year had been exceeded for Field 1 in 2014 and 2015, for Field 3a in 2014, and for Field 4 in 2015. The amount that was applied in excess to the permitted amount is listed in the "Comments" section below. Exceeding the maximum annual application rate is a violation of Rule .0838(b)(1) and Permit Condition 7. Rule .0838(b)(1) states "Maximum land application rates for septage shall be determined based upon the following: (1) Domestic septage land application rates shall be in accordance with 40 CFR Part 503.12(c)..." Federal Rule 40CFR Part 503.12(c) basically states that domestic septage shall not be applied to agricultural land if the annual application amount has been reached. Permit Condition 7 states that the maximum annual application rate is 50,000 gal/ac/yr.

(2) Also from the review of the submitted records, it was found that the monthly application rate was exceeded during January 2015 for Fields 1, 2, 3a, and 4. The amount that was applied in excess to the permitted monthly amount is listed in the "Comments" section below. Exceeding the monthly application rate is a violation of Rule .0838(a)(18) that states "Approved nutrient management plans shall be followed." Your nutrient management plan contains the monthly application rates.

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The item(s) listed above were observed by Section staff and require action on behalf of the facility in order to come into or maintain compliance with the Statutes, Rules, and/or other regulatory requirements applicable to this facility. Be advised that pursuant to N.C.G.S. 130A-22, an administrative penalty of up to $15,000 per day may be assessed for each violation of the Solid Waste Laws, Regulations, Conditions of a Permit, or Order under Article 9 of Chapter 130A of the N.C. General Statutes. Further, the facility and/or all responsible parties may also be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

AREAS OF CONCERN AND COMMENTS:

1) From the submitted records, the following annual permitted field amounts were exceeded. The permitted field amount is based on your permitted maximum annual application rate of 50,000 gallons/acre/year.

YEAR	FIELD #	APPLIED AMOUNT (gal)	PERMIT AMOUNT (gal)	AMOUNT OVER (gal)
2014	1	171,300	150,000	21,300
2014	3a	121,120	102,500	18,620
2015	1	179,600	150,000	29,600
2015	4	494,400	470,000	24,400

2) From the submitted records, the following monthly application rates were exceeded. Your nutrient management plan lists the following monthly rates: LOW (5,000 gal/ac), MEDIUM (10,000 gal/ac), and HIGH (15,000 gal/ac). For Fields 1 and 4 in the month of January, the amount applied nearly doubled the permitted rate.

YEAR	MONTH	FIELD #	APPLIED AMOUNT (gal)	APPLIED RATE (gal/ac)	PERMITTED RATE (gal/ac)
2015	January	1	29,500	9,833	5,000
2015	January	2	30,220	7,953	5,000
2015	January	3a	12,000	5,854	5,000
2015	January	4	92,800	9,872	5,000

3) **Fields 1, 3a, and 4 are closed due to the over application of septage on an annual basis for years 2014 and 2015. Field 2 is closed to the septage applications since you are very close to the maximum annual application amount for the year. Field 3b has never been used. Fields to remain closed until further notice.**

Please contact me if you have any questions or concerns regarding this inspection report.

Chester R. Cobb

Chester R. Cobb, Soil Scientist
Division of Waste Management, NCDEQ
Regional Representative

Phone: (919) 707-8283

Sent on: 02/09/16		Email		Hand delivery		US Mail	X	Certified No. [_]