

YOLO-SOLANO AIR QUALITY MANAGEMENT DISTRICT
1947 Galileo Court, Suite 103, Davis, CA 95618
(530) 757-3650

PROPOSED - TITLE V OPERATING PERMIT

Permit Number: F-01392-~~2~~3

ISSUED TO:

Yolo County Central Landfill
292 West Beamer Street
Woodland, CA 95695

PLANT SITE LOCATION:

44090 County Road 28H
Woodland, CA 95776

ISSUED BY:

Mat Ehrhardt, P.E., Air Pollution Control Officer

Date

PROPOSED

~~April 6, 2007~~ July 6, 2009

EFFECTIVE

~~August 20, 2007~~ PROPOSED

EXPIRATION

March 7, 2011

Nature of Business: Municipal Solid Waste Landfill

SIC Code: 4953

Responsible Official:

Name: Linda Sinderson, P.E., R.G.
Title: Deputy Director of Yolo County
Planning, ~~Resources~~, & Public
Works Department

Phone: (530) 666-8852

Site Contact Person:

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TABLE OF CONTENTS

I.	FACILITY EMISSION UNITS AND EQUIPMENT LISTS:	1
	A. Insignificant Emissions Units	1
	B. Significant Emissions Units	1
II.	SPECIFIC UNIT REQUIREMENTS	2
	A. Emission Limits	2
	B. Work Practice and Operational Requirements	4
	C. Monitoring and Testing Requirements	5 <u>8</u>
	D. Recordkeeping Requirements	6 <u>9</u>
III.	FACILITY WIDE REQUIREMENTS	6<u>11</u>
	A. Opacity	6 <u>11</u>
	B. Nuisance	7 <u>11</u>
	C. Circumvention	7 <u>11</u>
	D. General Permit Requirements	7 <u>11</u>
IV.	TITLE V GENERAL REQUIREMENTS	8<u>12</u>
	A. Right of Entry	8 <u>12</u>
	B. Compliance with Permit Conditions	8 <u>12</u>
	C. Emergency Provisions	9 <u>13</u>
	D. Severability	9 <u>13</u>
	E. Compliance Certification	9 <u>14</u>
	F. Permit Life	10 <u>4</u>
	G. Payment of Fees	10 <u>4</u>
	H. Permit Revision Exemption	10 <u>4</u>
	I. Application Requirements	10 <u>5</u>
	J. Permit Reopening for Cause	11 <u>5</u>
	K. Recordkeeping	12 <u>6</u>
	L. Reporting Requirements	12 <u>6</u>

I. FACILITY EMISSION UNITS AND EQUIPMENT LISTS:

A. Insignificant Emissions Units

Insignificant emissions units or exempted equipment may be supplemented, replaced or modified with non-identical equipment without notice provided exemption status has not changed as defined in current district or federal rules. The equipment listed in Table 1 is a partial listing of equipment currently identified as exempt or insignificant and not required to obtain an operating permit pursuant to Rule 3.2 ([Exemptions](#)) of the Yolo-Solano Air Quality Management District.

Table 1 - Exempted ~~A~~ and Insignificant Emissions Units (partial listing)

Insignificant Equipment Description	Basis for Exemption
Mobile construction equipment	District Rule 3.2, Section 101.1
Passenger and refuse hauling vehicles	District Rule 3.2, Section 101.1
Forklifts	District Rule 3.2, Section 101.1
Two (2) 4-inch gasoline emergency pumps	District Rule 3.2, Section 105.1
Internal combustion (<u>IC</u>) engines with ratings less than 50 BHP each	District Rule 3.2, Section 105.1
Light stand	District Rule 3.2, Section 105.1
Above-ground diesel fuel storage tank	District Rule 3.2, Section 109.2
Two (2) above-ground used oil storage tanks	District Rule 3.2, Section 109.2
Leachate storage and evaporation ponds	District Rule 3.2, Section 113
Hazardous household waste operation	District Rule 3.2, Section 113

B. Significant Emissions Units

Each of the ~~sources~~ following emission units has been constructed pursuant to issuance of an ~~a~~ Authority to ~~c~~ Construct in accordance with District Rules ~~3.1~~ (General Permit Requirements) and Rule ~~3.4~~ (New Source Review).

Identification Number: P-15-05(a)

Permit No. F-01392-~~23~~
Yolo County Central Landfill

Effective ~~August 20, 2007~~ July 6, 2009
Expiration - March 7, 2011

_____ **Equipment Description:** Municipal solid waste (MSW) landfill not to exceed a total maximum design capacity of ~~2549.0352~~ million cubic yards ~~with a total maximum area not to exceed 473 acres; bioreactor cells not to exceed a maximum design capacity of 1.593 million cubic yards and with a maximum area not to exceed 24.7 acres~~

_____ **Control Equipment:** ~~None~~ Negative pressure landfill gas collection system serving the conventional (non-bioreactor) and bioreactor portions of the landfill and LFG Specialties, F-2000 enclosed flare (shared with P-26-98 as operated by NEO Yolo LLC)

~~_____ **Identification Number:** P-53-05~~

~~_____ **Equipment Description:** 71 BHP diesel fired John Deere IC engine, Model No. 4039DF001, Serial No. T04039D449302, Model year 1994~~

~~_____ **Control Equipment:** None~~

_____ **Identification Number:** **P-71-06**

_____ **Equipment Description:** 157 BHP diesel fired John Deere IC engine, Model No. 4045HF275H, Serial No. PE4045H54220, Model Year 2006, EPA Certified Tier II Engine

_____ **Control Equipment:** Turbocharger

_____ **Identification Number:** **P-25-07**

Equipment Description: 317 BHP diesel fired Cummins IC engine, Model No. QSL9-G2-NR3, Serial No. 21735452, Model Year 2006, EPA Certified Tier III Engine

Control Equipment: Aftercooler and Turbocharger

Identification Number: P-50-09

Equipment Description: One (1) septage receiving system; four (4) leachate pumps; eight (8) fountain aerators

Control Equipment: None

II. SPECIFIC UNIT REQUIREMENTS

A. Emission Limits

P-15-05(a) (Fugitive Landfill Emissions)

1. The fugitive VOC emissions from the landfilling operation under P-15-05(a) shall not exceed ~~135,281.58~~ 1225,193,359 lb/day, ~~12,329,25,641~~ 1225,464,923 lb/1st calendar quarter, ~~12,329,25,641~~ 1225,464,923 lb/2nd calendar quarter, ~~12,329,25,641~~ 1225,464,923 lb/3rd calendar quarter, ~~12,329,25,641~~ 1225,464,923 lb/4th calendar quarter, and ~~24.7351.42~~ 24.7351.42 tons/year. [District Rule 3.1, ~~§402/C-03-226~~ 4/C-07-164]

~~P-53-05~~

- ~~2. The VOC emissions from the engine shall not exceed 1.4 lb/day, 12 lb/1st calendar quarter, 24 lb/2nd calendar quarter, 24 lb/3rd calendar quarter, 12 lb/4th calendar quarter, and 0.04 tons/year. [District Rule 3.1, §402/C-05-185]~~
 - ~~3. The CO emissions from the engine shall not exceed 8.5 lb/day, 71 lb/1st calendar quarter, 141 lb/2nd calendar quarter, 141 lb/3rd calendar quarter, 71 lb/4th calendar quarter, and 0.21 tons/year. [District Rule 3.1, §402/C-05-185]~~
 - ~~4. The NOX emissions from the engine shall not exceed 34.4 lb/day, 287 lb/1st calendar quarter, 573 lb/2nd calendar quarter, 573 lb/3rd calendar quarter, 287 lb/4th calendar quarter, and 0.86 tons/year. [District Rule 3.1, §402/C-05-185]~~
 - ~~5. The SOX emissions from the engine shall not exceed 0.7 lb/day, 6 lb/1st calendar quarter, 11 lb/2nd calendar quarter, 11 lb/3rd calendar quarter, 6 lb/4th calendar quarter, and 0.02 tons/year. [District Rule 3.1, §402/C-05-185]~~
 - ~~6. The PM10 emissions from the engine shall not exceed 3.8 lb/day, 31 lb/1st calendar quarter, 63 lb/2nd calendar quarter, 63 lb/3rd calendar quarter, 31 lb/4th calendar quarter, and 0.09 tons/year. [District Rule 3.1, §402/C-05-185]~~
2. Except for active disposal areas, or areas undergoing maintenance, repair, modification or closure, the surface emissions at any point on the surface of the landfill or along the gas transfer path of the gas collection system shall not

exceed a non-methane organic compound (NMOC) concentration of 500 ppmv (measured as methane). Any reading of 500 ppm or more above background at any location shall be recorded as a monitored exceedance and the actions specified in 40 CFR Part 60.755(c)(4)(i) through (c)(4)(v) shall be taken by the owner or operator of the gas collection system. As long as the specified actions are taken, the exceedance is not a violation of the operational requirements of this permit or 40 CFR Part 60.753(d). [District Rule 3.4 and 40 CFR Part 60.755(c)(4)/C-07-164]

P-71-06 (IC Engine)

- 3. The VOC emissions from the engine shall not exceed 1.6 lb/day, 13 lb/1st calendar quarter, 13 lb/2nd calendar quarter, 13 lb/3rd calendar quarter, 13 lb/4th calendar quarter, and 0.01 tons/year. -[District Rule 3.1, §402/C-06-116]
- ~~84.~~ The CO emissions from the engine shall not exceed 6.2 lb/day, 52 lb/1st calendar quarter, 52 lb/2nd calendar quarter, 52 lb/3rd calendar quarter, 52 lb/4th calendar quarter, and 0.03 tons/year. -[District Rule 3.1, §402/C-06-116]
- ~~95.~~ The NO_x emissions from the engine shall not exceed 36.7 lb/day, 306 lb/1st calendar quarter, 306 lb/2nd calendar quarter, 306 lb/3rd calendar quarter, 306 lb/4th calendar quarter, and 0.15 tons/year. -[District Rule 3.1, §402/C-06-116]
- ~~106.~~ The SO_x emissions from the engine shall not exceed 1.5 lb/day, 13 lb/1st calendar quarter, 13 lb/2nd calendar quarter, 13 lb/3rd calendar quarter, 13 lb/4th calendar quarter, and 0.01 tons/year. -[District Rule 3.1, §402/C-06-116]
- ~~117.~~ The PM₁₀ emissions from the engine shall not exceed 1.2 lb/day, 10 lb/1st calendar quarter, 10 lb/2nd calendar quarter, 10 lb/3rd calendar quarter, 10 lb/4th calendar quarter, and negligible tons/year. -[District Rule 3.1, §402/C-06-116]

P-25-07 (IC Engine)

- ~~128.~~ The VOC emissions from the engine shall not exceed 0.7 lb/day, 6 lb/1st, 2nd, 3rd, and 4th calendar quarter, and negligible tons/year. [District Rule 3.4/C-06-169]
- ~~139.~~ The CO emissions from the engine shall not exceed 4.8 lb/day, 40 lb/1st, 2nd, 3rd, and 4th calendar quarter, and 0.02 tons/year. [District Rule 3.4/C-06-169]
- ~~140.~~ The NO_x emissions from the engine shall not exceed 62.4 lb/day, 520 lb/1st, 2nd, 3rd, and 4th calendar quarter, and 0.26 tons/year. [District Rule 3.4/C-06-169]

151. The emissions from the engine shall not exceed 0.1 lb/day, 1 lb/1st, 2nd, 3rd, and 4th calendar quarter, and negligible tons/year. [District Rule 3.4/C-06-169]
162. The PM10 emissions from the engine shall not exceed 0.9 lb/day, 7 lb/1st, 2nd, 3rd, and 4th calendar quarter, and negligible tons/year. [District Rule 3.4/C-06-169]

P-50-09 (Septage Receiving and Aeration System)

13. The VOC emissions from the septage receiving and aeration process under P-50-09 shall not exceed negligible lb/day, 1 lb/1st calendar quarter, 1 lb/2nd calendar quarter, 1 lb/3rd calendar quarter, and 1 lb/4th calendar quarter, and negligible tons/year. [District Rule 3.4/C-09-42]

B. Work Practice and Operational Requirements

P-15-05(a) (Fugitive Landfill Emissions)

174. The Permit Holder shall operate the anaerobic bioreactor portions of the landfill with an average moisture content of less than 40% by weight. ~~-[District Rule 3.1, §402/C-03-2264/C-07-164]~~
185. The amount of waste received into the landfill shall not exceed 1,800 tons/day, ~~161,550~~ 160,200 tons/1st calendar quarter, ~~161,550~~ 162,000 tons/2nd calendar quarter, ~~161,550~~ 162,000 tons/3rd calendar quarter, ~~161,550~~ 162,000 tons/4th calendar quarter, and 646,200 tons/year. ~~-[District Rule 3.1, §402/C-03-2264/C-07-164]~~
16. Prior to beginning any landfill mining operations, the Permit Holder shall submit for approval a mining and sorting plan to the District. The Permit Holder shall only mine (e.g. excavation, reclaiming, etc.) and sort waste from the aerobic bioreactor cell WMU 6D-Phase 1. [District Rule 3.4/C-07-164]
17. Prior to beginning any removal of composted organic waste, the Permit Holder shall submit for approval a composting plan to the District. The Permit Holder shall only remove composted waste from the anaerobic digester cells located in WMU 6D-Phase 2. [District Rule 3.4/C-07-164]
18. The Permit Holder shall install and operate a biofilter that serves the anaerobic digester cell located on WMU 6D-Phase 2 during aerobic composting phase of the waste. [District Rule 3.4/C-07-164]
19. Whenever buried solid waste is brought to the surface during the installation or preparation of wells, trenches, piping, or other equipment or when landfill solid

waste is excavated or moved, the Permit Holder shall cover the excavated solid waste using fresh soil, plastic sheeting, or vapor retarding foam as necessary in order to prevent odorous emissions and to minimize the release of landfill gas. [District Rule 3.4/C-07-164]

20. Prior to disposing of asbestos-containing materials in the landfill, the Permit Holder shall comply with the applicable requirements for active disposal sites set forth in 40 CFR Part 61, Subpart M - National Emission Standard for Asbestos. [40 CFR Part 61.140/C-07-164]

21. The Permit Holder shall comply with the applicable requirements for the handling and the disposal of the affected appliances and equipment containing ozone depleting substances, as set forth in 40 CFR Part 82, Subpart F - Recycling and Emission Reduction. [40 CFR Part 82.150/C-07-164]

~~19. Hours of operation for the engine operating under P-53-05 shall not exceed 200 hours/1st calendar quarter, 400 hours/2nd calendar quarter, 400 hours/3rd calendar quarter, 200 hours/4th calendar quarter, and 800 hours/calendar year. [District Rule 3.1, §402/C-05-185]~~

~~20. Diesel fuel usage for the engine operating under P-53-05 shall not exceed 90 gallons/day, 749 gallons/1st calendar quarter, 1,499 gallons/2nd calendar quarter, 1,499 gallons/3rd calendar quarter, 749 gallons/4th calendar quarter, and 4,496 gallons/year. [District Rule 3.1, §402/C-05-185]~~

P-71-06 (IC Engine)

~~21~~2. Diesel fuel usage for the engine operating under P-71-06 shall not exceed 194 gallons/day, 1,620 gallons/1st calendar quarter, 1,620 gallons/2nd calendar quarter, 1,620 gallons/3rd calendar quarter, 1,620 gallons/4th calendar quarter, and 1,620 gallons/year. [District Rule 3.1, §402/C-06-116]

P-25-07 (IC Engine)

~~22~~3. The maximum amount of diesel consumption for the engine operating under P-25-07 shall not exceed 408 gallons/day, 3,400 gallons/1st, 2nd, 3rd, and 4th calendar quarter, and 3,400 gallons/year. [District Rule 3.4/C-06-169]

P-71-06 and P-25-07 (IC Engines)

~~23~~4. The Permit Holder shall not operate the IC engines operating under P-71-06 and P-25-07 more than 50 hours per calendar year each for maintenance and testing purposes, and such operation shall be scheduled in cooperation with the District so as to limit air quality impact. [District Rule 3.4/C-06-116, C-06-169]

- ~~25~~5. The Permit Holder shall not operate the IC engines operating under P-71-06 and P-25-07 more than 200 hours per calendar year each. [District Rule 3.4/C-06-116, C-06-169]
26. The Permit Holder shall not operate the IC engines operating under P-71-06 and P-25-07 for the supplying of power to a serving utility for distribution on the grid. [District Rule 3.4/C-06-116, C-06-169]
27. The Permit Holder's operation of the IC engines operating under P-71-06 and P-25-07 for reasons other than maintenance purposes shall be limited to actual interruptions of electrical power by the serving utility. [District Rule 3.4/C-06-116, C-06-169]

P-15-05(a), P-71-06, and P-25-07

- ~~23~~8. The Permit Holder shall not discharge into the atmosphere from any single source of emissions whatsoever, any air contaminant for a period or periods aggregating more than three (3) minutes in any one (1) hour which is:
- As dark or darker than No. 1 on the Ringelmann Chart; or
 - Greater than 20% opacity. [District Rule 3.4/~~C-06-116~~ C-07-164, C-06-116, C-06-169]

P-50-09 (Septage Receiving and Aeration System)

29. The quantity of septage received shall not exceed 50,000 gallons/day, 2.0 million gallons/1st calendar quarter, 2.0 million gallons/2nd calendar quarter, 2.0 million gallons/3rd calendar quarter, 2.0 million gallons/4th calendar quarter, and 8.0 million gallons/year. [District Rule 3.4/C-09-42]
30. Total equipment electric horsepower associated with the septage receiving and aeration process not to exceed 49 HP. [District Rule 3.4/C-09-42]
31. The facility shall implement and maintain an odor control plan for prevention of nuisance odors. The plan shall be updated as necessary, or as required by the District, and any changes to the plan shall be approved by the District prior to implementation. [District Rule 3.4/C-09-42]
32. The number and types of equipment associated with the septage receiving and aeration process shall match the equipment listed in the equipment inventory section of Permit to Operate P-50-09. The Permit Holder shall maintain a complete list of all equipment at the plant, which includes a description and horsepower of each piece of equipment. This list shall be kept with the permit to operate and shall be made available to the District upon request. [District Rule 3.4/C-09-42]

C. Monitoring and Testing Requirements

~~28. Upon actual NMOC emissions from the landfill exceeding 50 megagrams per year, as calculated in accordance with 40 CFR §60.754(a), the Permit Holder shall comply with the requirements of District Rule 2.38. [40 CFR §60.752 & District Rule 2.38]~~

P-15-05(a) (Fugitive Landfill Emissions)

33. The Permit Holder shall perform surface emission testing using a portable hydrocarbon detection test instrument to measure the surface emission concentrations of the landfill and gas collection system. The instrument shall be calibrated before and after each test using zero air and an approximately 500 ppmv methane based standard calibration gas in accordance with the manufacturer's recommendations. The instrument serial number and instrument calibration data shall be recorded for each calibration and maintained as a permanent record. [District Rule 3.4/C-07-164]

34. The Permit Holder or operator shall perform the surface emission monitoring using the following procedure:

- a. The detector is to be held within three (3) inches of the surface while walking a pattern of parallel paths not more than 90 feet apart over:
 - i. the entire surface area of the landfill site which contains buried refuse;
 - ii. the gas transfer path of the gas collection system;
 - iii. cracks, holes and other breaches in the solid waste disposal site cover;
 - iv. active and inactive mining areas; and
 - v. the Waste Management Unit (WMU) perimeters (i.e. accessible areas where buried waste interfaces with undisturbed native soil).

b. The operator shall monitor the instrument readings at least once every 30 seconds, at normal walking speed (approximately 2 miles per hour), record only the readings that exceed 500 ppmv, and geographically locate the specific area on the landfill surface where the exceedances occur.

c. Sampling is not required on steep slopes or other areas posing an unavoidable hazard to testing personnel.

d. Average wind speed shall be determined on a ten-minute average using an on-site anemometer.

e. Testing shall be terminated when the average wind speed exceeds five (5) miles per hour, or the instantaneous wind speed exceeds ten (10) miles per hour.

- f. Testing shall be conducted when there has been no rain for 72 hours prior to the testing event and no rain is falling. [District Rule 3.4/C-07-164]
35. The Permit Holder shall perform surface emission testing at the landfill at least once every six (6) consecutive calendar months. The Permit Holder may reduce the testing frequency to a twelve (12) consecutive calendar month period, after the completion of two (2) successive semi-annual tests without an exceedance of the 500 ppmv standard, other than non-repeatable momentary readings. Subsequent exceedances of the 500 ppmv emission concentration shall result in the re-establishment of the six (6) month testing frequency. A non-resettable momentary reading shall be defined as a portable hydrocarbon detection test instrument reading which persist for less than five (5) seconds and does not recur when the sampling probe is placed in the same location. [District Rule 3.4/C-07-164]
36. The Permit Holder shall at start-up, and at least once every fourteen (14) days thereafter, monitor the landfill gas emissions from any open faces, active mining surfaces, and/or any liquids present during the mining of a waste cell in order to determine that the NMOC surface emission concentration limit of 500 ppmv (measured as methane) is not exceeded. [District Rule 3.4/C-07-164]
37. Upon achieving a calculated NMOC emission rate of 50 megagrams or greater per year, the Permit Holder shall comply with the requirements of 40 CFR Part 60.752(b)(2). [District Rule 3.4 and 40 CFR Part 60.752(b)(2)/C-07-164]
- ~~29~~38. The District must be notified prior to any NMOC related sampling event and a protocol must be submitted for approval fourteen (14) days prior to sampling. The results of a sampling event shall be submitted to the District within sixty (60) days of the sample date. The protocol and report shall be mailed to the attention of the Supervising Air Quality Engineer. [District Rule ~~3.1, §402/C-03-2264~~C-07-164]

D. Recordkeeping Requirements

P-15-05(a) (Fugitive Landfill Emissions)

- ~~30~~9. The Permit Holder shall submit a ~~non-methane organic compound (NMOC)~~ (Tier 2) report to the District using the procedures specified in 40 CFR ~~§60Part 60.754-(a)~~ at least once every twelve (12) months, except as provided in 40 CFR ~~§60Part 60.757(b)(1)(ii) or 40 CFR §60Part 60.757(b)(3).~~ [District Rule ~~2.38, §102.23.4~~ and 40 CFR Part 60.752(b)/C-07-164]

~~31~~40. The Permit Holder shall submit a moisture report to the District for the anaerobic bioreactor portions of the landfill documenting the average moisture content by weight using the procedures specified in 40 CFR ~~§63~~Part 63.1980(g) and (h) or other District approved methods. ~~[40 CFR §63~~Part 63.1947/C-07-164]

~~32~~41. The Permit Holder shall submit the moisture report to the District for the anaerobic portions of the landfill, in accordance with 40 CFR 63.1980, at least once every six (6) months until such time that liquid addition has permanently ceased. [District Rule 3.1, ~~§402/C-03-2264/C-07-164~~]

42. The Permit Holder shall maintain records of all surface emissions tests that include the time, weather conditions, areas sampled, areas not sampled due to steep slopes or other safety hazards, portable hydrocarbon detection test instrument calibration records, and emission test results. [District Rule 3.4/C-07-164]

~~33~~43. The Permit Holder shall maintain daily records (in tons) of the total amount of MSW accepted at the landfill. [District Rule ~~3.1, §402/C-03-2264/C-07-164~~]

~~34~~4. The Permit Holder shall maintain daily records (in tons) of the amount of MSW placed in the anaerobic bioreactor portions of the landfill until such time that placement has permanently ceased. ~~[District Rule 3.1, §402/C-03-2264/C-07-164]~~

~~35. The Permit Holder shall maintain a log of the operation hours for the internal combustion engine operating under P-53-05. The log shall be retained for a period of five (5) years and be made available to District personnel upon request. [District Rule 3.1, §402/C-05-185]~~

P-71-06 and P-25-07 (IC Engines)

~~36~~45. The Permit Holder shall maintain a log of the operation hours for the IC engines operating under P-71-06 and P-25-07, identifying the type of usage (either maintenance or emergency), the duration and date of each usage. The log shall be retained for a period of five (5) years and be made available to District personnel upon request. ~~[District Rule 3.4/C-06-116, C-06-169]~~

P-50-09 (Septage Receiving and Aeration System)

46. The Permit Holder shall maintain daily records (in gallons) of the amount of septage received. [District Rule 3.4/C-09-42]

III. FACILITY WIDE REQUIREMENTS

A. Opacity

- ~~34~~7. The ~~p~~Permit ~~h~~Holder shall not discharge into the atmosphere from any single source of emission whatsoever, any air contaminant for a period or periods aggregating more than 3 minutes in any one hour which is:
- a. As dark or darker in shade as that designated as No. 2 on the Ringelmann Chart as published by the United States Bureau of Mines; or
 - b. Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in subsection a. of this condition.
[District Rule 2.3]

B. Nuisance

- ~~34~~8. The ~~p~~Permit ~~h~~Holder shall not discharge from any source whatsoever such quantities of air contaminants or other material which cause injury, detriment, nuisance, or annoyance to any considerable number of persons or to the public or which endanger the comfort, repose, health, or safety of any such persons or the public or which cause to have a natural tendency to cause injury or damage to business or property. ~~f~~[District Rule 2.5] (This permit condition is federally enforceable because it derives from District Rule 2.5 - Nuisance that is currently part of the California State Implementation Plan (SIP). The District is taking steps to remove Rule 2.5 from the SIP. Once the U.S. EPA has taken final action to remove District Rule 2.5 from the SIP, this permit condition will become state-enforceable only~~f~~1.)

C. Circumvention

- ~~34~~9. The ~~p~~Permit ~~h~~Holder shall not build, erect, install or use any article, machine, equipment, or other contrivance, the use of which, without resulting in a reduction in the total release of air contaminants to the atmosphere, reduces or conceals an emission which would otherwise constitute a violation of Division 26, Part 3 and Part 4 of the Health and Safety Code of the State of California or District Rules or Regulations.- [District Rule 2.17]

D. General Permit Requirements

- ~~45~~0. No person shall build, erect, alter, or replace any facility, article, machine, equipment, or other contrivance, the use of which may cause the issuance of air contaminants, or the use of which may eliminate or reduce or control the issuance of air contaminants, without first obtaining an authorization to

construct from the Air Pollution Control Officer (APCO) as specified in Section 401 of District Rule 3.1.- [District Rule 3.1, §301.1]

- ~~45~~1. No person shall operate any facility, article, machine, equipment, or other contrivance, for which an authorization to construct is required by District Rules and Regulations without first obtaining a written permit from the ~~Air Pollution Control Officer~~ APCO.- [District Rule 3.1, §302.1]
- ~~45~~2. No person shall operate any facility, article, machine, equipment, or other contrivance, the use of which may cause the issuance of air contaminants or the use of which may eliminate or reduce or control the issuance of air contaminants, without obtaining a permit from the ~~Air Pollution Control Officer~~ APCO or the Hearing Board.- [District Rule 3.1, §302.2]
- ~~45~~3. The owner or operator of any facility, article, machine, equipment, or other contrivance for which a permit to operate is in effect shall notify the District office whenever a breakdown, malfunction, or operational upset condition exists which would tend to increase emissions of air pollutants or whenever any operating condition contrary to any provision of the permit to operate exists. Such notice shall be given to the District no later than four hours after occurrence during regular workday hours or no later than two hours of the District workday following an occurrence not during regular District workday hours. The notice shall provide the District information as to causes and corrective action being taken, with a schedule for return to required operating conditions.- [District Rule 3.1, §405.3]

IV. TITLE V GENERAL REQUIREMENTS

A. Right of Entry

- ~~45~~4. The permit shall require that the source allow the entry of the District, ARB California Air Resources Board, or U.S. EPA officials for the purpose of inspection and sampling, including:
- a. Inspection of the stationary source, including equipment, work practices, operations, and emissions-related activity;
 - b. Inspection and duplication of records required by the permit to operate; and
 - c. Source sampling or other monitoring activities.— [District Rule 3.8, §302.10]

B. Compliance with Permit Conditions

- ~~45~~5. The ~~permittee~~Permit Holder shall comply with all Title V permit conditions. [District Rule 3.8, §302.11 (a)]
- ~~45~~6. The permit does not convey property rights or exclusive privilege of any sort. [District Rule 3.8, §302.11 (b)]
- ~~45~~7. Non-compliance with any permit condition is grounds for permit termination, revocation and re-issuance, modification, enforcement action, or denial of permit renewal.- [District Rule 3.8, §302.11 (c)]
- ~~45~~8. The ~~permittee~~Permit Holder shall not use the "need to halt or reduce a permitted activity in order to maintain compliance" as a defense for non-compliance with any permit condition.- [District Rule 3.8, §302.11 (d)]
- ~~45~~9. A pending permit action or notification of anticipated non-compliance does not stay any permit condition.- [District Rule 3.8, §302.11 (e)]
- ~~56~~0. Within a reasonable time period, the ~~permittee~~Permit Holder shall furnish any information requested by the APCO, in writing, for the purpose of determining:
- a. Compliance with the permit; or
 - b. Whether or not cause exists for a permit or enforcement action.- [District Rule 3.8, §302.11 (f)]

C. Emergency Provisions

- ~~56~~1. Within two weeks of an emergency event, the owner or operator shall submit to the District a properly signed contemporaneous log or other relevant evidence demonstrating that:
- ~~(i)~~(i) a. An emergency occurred;
 - ~~(ii)~~(ii) b. The ~~permittee~~Permit Holder can identify the cause(s) of the emergency;
 - ~~(iii)~~(iii) c. The facility was being properly operated at the time of the emergency;
 - ~~(iv)~~(iv) d. All steps were taken to minimize the emissions resulting from the emergency; and
 - ~~(v)~~(v) e. Within two working days of the emergency event, the ~~permittee~~Permit Holder provided the District with a description of the emergency and any mitigating or corrective actions taken; and

In any enforcement proceeding, the ~~permittee~~Permit Holder has the burden of proof for establishing that an emergency occurred.- [District Rule 3.8, §302.12]

D. Severability

562. If any provision, clause, sentence, paragraph, section or part of these conditions for any reason is judged to be unconstitutional or invalid, such judgement shall not affect or invalidate the remainder of these conditions.- [District Rule 3.8, §302.13]

E. Compliance Certification

563. The responsible official shall submit a compliance certification to the U.S. EPA and the APCO every 12 months unless required more frequently by an applicable requirement.- [District Rule 3.8, §302.14(a)]
564. The compliance certification shall identify the basis for each permit term or condition (e.g., specify the emissions limitation, standard, or work practice) and a means of monitoring compliance with the term or condition consistent with Sections 302.5, 302.6, and 302.7 of Rule 3.8.- [District Rule 3.8, §302.14(b)]
565. The compliance certification shall include a statement of the compliance status, whether compliance was continuous or intermittent, and method(s) used to determine compliance for the current time period and over the entire reporting period.- [District Rule 3.8, §302.14(c)]
566. The compliance certification shall include any additional inspection, monitoring, or entry requirement that may be promulgated pursuant to Sections 114(a) and 504(b) of the Federal Clean Air Act.- [District Rule 3.8, §302.14(d)]

F. Permit Life

567. The Title V permit shall expire five years from the date of issuance. Title V permit expiration terminates the stationary source's right to operate unless a timely and complete Title V permit application for renewal has been submitted. [District Rule 3.8, §302.15]

G. Payment of Fees

568. An owner or operator shall pay the appropriate Title V permit fees on schedule. If fees are not paid on schedule, the permit is forfeited. Operation without a permit subjects the source to potential enforcement action by the District and the U.S. EPA pursuant to Section 502(a) of the CAA.- [District Rule 3.8, §302.16]

H. Permit Revision Exemption

~~56~~9. No permit revision shall be required under any approved economic incentives, marketable permits, emissions trading, and other similar programs or processes for changes that are provided for in the permit. [\[District Rule 3.8, §302.22\]](#)

I. Application Requirements

~~67~~0. An owner or operator shall submit a standard District application for renewal of the Title V permit, no earlier than 18 months and no later than six months before the expiration date of the current permit to operate.- [District Rule 3.8, §402.2]

~~67~~1. An owner or operator shall submit a standard District application for each emissions unit affected by a proposed permit revision that qualifies as a significant Title V permit modification. The application shall be submitted after obtaining any required preconstruction permits. Upon request by the APCO, the owner or operator shall submit copies of the latest preconstruction permit for each affected emissions unit. The emissions unit(s) shall not commence operation until the APCO approves the permit revision.- [District Rule 3.8, §402.3]

~~67~~2. An owner or operator shall submit a standard District application for each emissions unit affected by the proposed permit revision that qualifies as a minor permit modification. The application shall be submitted after obtaining any required preconstruction permits. The emissions unit(s) shall not commence operation until the APCO approves the permit revision. In the application, the owner or operator shall include the following:

- ~~_____~~ a. A description of the proposed permit revision, any change in emissions, and additional applicable federal requirements that will apply;
- ~~_____~~ b. Proposed permit terms and conditions; and
- ~~_____~~ c. A certification by a responsible official that the permit revision meets criteria for use of minor permit modification procedures and a request that such procedures be used.- [District Rule 3.8, §402.4]

J. Permit Reopening for Cause

~~67~~3. Circumstances that are cause for reopening and revision of a permit include, but are not limited to, the following:

- ~~_____~~ a. The need to correct a material mistake or inaccurate statement;
- ~~_____~~ b. The need to revise or revoke a permit to operate to assure compliance with applicable federal requirements;
- ~~_____~~ c. The need to incorporate any new, revised, or additional applicable federal requirements, if the remaining authorized life of the permit is 3 years or

greater, no later than 18 months after the promulgation of such requirement (where less than 3 years remain in the authorized life of the permit, the APCO shall incorporate the requirements into the permit to operate upon renewal); or

- d. Additional requirements promulgated pursuant to Title IV as they become applicable to any acid rain unit governed by the permit. -[District Rule 3.8, §413.1]

K. Recordkeeping

674. The ~~p~~Permit ~~h~~Holder shall record maintenance of all monitoring and support information required by any applicable federal requirement, including:
- ~~(i)~~a. Date, place, and time of sampling;
 - ~~(ii)~~b. Operating conditions at the time of sampling;
 - ~~(iii)~~c. Date, place, and method of analysis; and
 - ~~(iv)~~d. Results of the analysis.- [District Rule 3.8, §302.6(a)]
675. The ~~p~~Permit ~~h~~Holder shall retain records of all required monitoring data and support information for a period of at least five years from the date of sample collection, measurement, report, or application.- [District Rule 3.8, §302.6b]
676. The Permit Holder shall maintain all records on site for a period of five (5) years from the date of entry and these records shall be made readily available to District personnel upon request. [District Rule 3.8, §302.6(b)]

L. Reporting Requirements

677. Any deviation from permit requirements, including that attributable to upset conditions (as defined in the permit), shall be promptly reported to the APCO. For the purpose of this condition prompt means as soon as reasonably possible, but no later than 10 days after detection. [District Rule 3.8, §302.7(a)]
678. A monitoring report shall be submitted at least every six months and shall identify any deviation from permit requirements, including that previously reported to the APCO pursuant to Section 302.7. a of Rule 3.8.- [District Rule 3.8, §302.7(b)]
679. All reports of deviation from permit requirements shall include the probable cause of the deviation and any preventive or corrective action taken.- [District Rule 3.8, §302.7(c)]

Permit No. F-01392-~~23~~
Yolo County Central Landfill

Effective - ~~August 20, 2007~~ July 6, 2009
Expiration - March 7, 2011

- ~~78~~0. Each monitoring report shall be accompanied by a written statement from the responsible official that certifies the truth, accuracy, and completeness of the report.- [District Rule 3.8, §302.7(e)]