



FACTSHEET
(pursuant to NAC 445A.236)

Permittee Name: COMBS BROTHERS LLC
7056 WEST ANN ROAD, STE. 130-404
LAS VEGAS, NV - 89130

Permit Number: NS2016506

Location: LVL, CLARK
13550 NORTH HWY 93, LAS VEGAS, NV - 89165
LATITUDE: 36.391250, LONGITUDE: -114.870950
TOWNSHIP: T20S, RANGE: R61E, SECTION: S34

Outfall / Well Num	Outfall / Well Name	Location Type	Well Log Num	Outfall City	Outfall State	Outfall Zip	Outfall County	Latitude	Longitude	Receiving Water
001	FACILITY SWINE TOTALS	Internal Outfall		LAS VEGAS	NV	89165	CLARK	36.391250	-114.870950	WATERS OF THE STATE
002	FACILITY CATTLE TOTALS	Internal Outfall		LAS VEGAS	NV	89165	CLARK	36.391250	-114.870950	WATERS OF THE STATE
003	FACILITY SHEEP/LAMB TOTALS	Internal Outfall		LAS VEGAS	NV	89165	CLARK	36.391250	-114.870950	WATERS OF THE STATE
004	FACILITY BROILER CHICKEN TOTALS	Internal Outfall		LAS VEGAS	NV	89165	CLARK	36.391250	-114.870950	WATERS OF THE STATE
005	FACILITY LAYER CHICKEN TOTALS	Internal Outfall		LAS VEGAS	NV	89165	CLARK	36.391250	-114.870950	WATERS OF THE STATE
006	MANURE TOTALS PRODUCED	Internal Outfall		LAS VEGAS	NV	89165	CLARK	36.391250	-114.870950	WATERS OF THE STATE
007	MANURE TOTALS TRANSFERRED TO APEX COMPOST FACILITY	Internal Outfall		LAS VEGAS	NV	89165	CLARK	36.391250	-114.870950	WATERS OF THE STATE

General:

The Permittee, Combs Brothers LLC, has applied for a new groundwater discharge permit NS2016506 to operate a Confined Animal Feeding Operation (CAFO). The facility, identified as LVL, is located at 13550 North Highway 93, adjacent to the Apex Regional Landfill, in rural Clark County. LVL is defined as a CAFO because the facility will confine at least 2,500, and up to 25,000, swine (weighing over 55 pounds) for 30 days or more in a 12-month period in an area devoid of vegetation during the normal growing season. In addition, the facility may also include 1,000 head of cattle (not dairy or veal), 500 sheep or lambs, 1,000 broiler chickens and 1,000 layer chickens.

LVL is a family owned and operated wean-to-finish operation. The CAFO construction is industry typical with both open corrals and partially open and/or covered barns, feed bunks/alleys, feed storage areas and associated storage structures, maintenance facilities, and waste management/control structures. Manure management for the swine operation involves the use of a "deep bedding" system and therefore precludes the need for lagoons to capture manure/wastewater. The deep bedding is refreshed and removed as needed to maintain sanitary conditions. The cattle, sheep and chicken areas will be scraped of manure periodically to maintain sanitary conditions. Manure produced at the LVL facility will be transferred, on a

regular basis, to the adjacent Apex Regional Landfill-Composting Facility, which is permitted by the Southern Nevada Health District.

Discharge Characteristics:

As a CAFO, the LVL facility is required to contain all manure and process waste from the production area. An exception to this is a precipitation overflow resulting from a 25-year, 24-hour or larger storm event or chronic storm event. To qualify for this exception the production area must be properly designed, constructed, operated, and maintained to contain manure, process waste, direct precipitation and runoff from a qualifying storm event.

There is no process wastewater or land application activity associated with this facility.

Receiving Water:

Receiving waters are waters of the State. Groundwater levels in the vicinity of the facility are reported around 400 to 600 feet below ground surface (bgs). An overflow from the production area resulting from a storm event greater than the 25-year 24-hour design would report to dry desert washes.

Summary of Changes From Previous Permit:

This is a new permit application.

Proposed Effluent Limitations:

There shall be no discharge from the facility property except as authorized by this permit.

During the period beginning on the effective date of this permit, the Permittee is authorized to discharge manure and process waste pollutants to waters of the State in response to storm events or a chronic rainfall event that exceeds the 25-year 24-hour storm design, provided that the facilities and their production areas are properly designed, constructed, operated and maintained to contain manure, pollutants, direct precipitation and the runoff from a 25-year 24-hour storm event.

CAFO Discharge Limitations Table for Sample Location 001 (Total Swine) To Be Reported Monthly

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Animals, total estimated no. of	Daily Maximum		<= 25000 Number (#)	Internal Monitoring Point	001	Monthly	CALCTD

CAFO Discharge Limitations Table for Sample Location 002 (Total Cattle) To Be Reported Monthly

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Animals, total estimated no. of	Daily Maximum		<= 1000 Number (#)	Internal Monitoring Point	002	Monthly	CALCTD

CAFO Discharge Limitations Table for Sample Location 003 (Total Sheep/Lambs) To Be Reported Monthly

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Animals, total estimated no. of	Daily Maximum		<= 500 Number (#)	Internal Monitoring Point	003	Monthly	CALCTD

CAFO Discharge Limitations Table for Sample Location 004 (Total Broiler Chickens) To Be Reported Monthly

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Animals, total estimated no. of	Daily Maximum		<= 1000 Number (#)	Internal Monitoring Point	004	Monthly	CALCTD

CAFO Discharge Limitations Table for Sample Location 005 (Total Layer Chickens) To Be Reported Monthly

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Animals, total estimated no. of	Daily Maximum		<= 1000 Number (#)	Internal Monitoring Point	005	Monthly	CALCTD

CAFO Discharge Limitations Table for Sample Location 006 (Total Manure Waste Produced) To Be Reported Monthly

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Manure, wet tons total	Monthly Maximum		M&R Tons (ton)	Internal Monitoring Point	006	Monthly	ESTIMA

CAFO Discharge Limitations Table for Sample Location 007 (Total Manure Waste Transferred To Apex Compost Facility) To Be Reported Monthly

Discharge Limitations				Monitoring Requirements			
Parameter	Base	Quantity	Concentration	Monitoring Loc	Sample Loc	Measurement Frequency	Sample Type
Manure, wet tons removed	Monthly Maximum		M&R Tons (ton)	Internal Monitoring Point	007	Monthly	ESTIMA

Proposed Technology Based Effluent Limitations:

Proposed Water Quality-Based Effluent Limitations:

Waste Load Allocation:

Rationale for Permit Requirements:

Monitoring requirements specified in the Tables of the permit are being established to ensure the Permittee addresses CAFO management requirements and ensures any potential impacts to waters of the State are addressed.

Fecal Coliform:

WET Testing:

Special Conditions:

See Special Approvals/Conditions Table.

SA – Special Approvals / Conditions Table

Item #	Description
1	Part A, Section A.6 does not apply to this permit. A Certified Operator is not required for this facility.
2	Part B.CO.2 and B.CO.3 does not apply to this permit. Swine facilities are subject to Part B.CO.4 Swine facilities shall be designed so that there is no discharge of manure, litter, or pollutants to Waters of the State from the production area.
3	Part B.CO.8 - B.CO.11.4.5 does not apply to this permit. A Nutrient Management Plan is not required for this facility as there are no land application activities associated with this operation. Manure produced at this facility will be transferred to the licensed Apex Regional Landfill-Compost Facility.
4	Part B.CO.13 - B.CO.14 does not apply to this permit. The facility does not produce waste water or utilize waste treatment lagoons.
5	Part B.CO.16 does not apply to this permit. There are no land application activities permitted with this facility.
6	Part B.CO.20 does not apply to this permit. There are no land application activities permitted with this facility.
7	Part B.CO.23 does not apply to this permit. There are no land application activities permitted with this facility.
8	Part B.CO.29 - B.CO.30 does not apply to this permit. The facility does not produce waste water or utilize waste treatment lagoons.
9	Part B.CO.32 does not apply to this permit. There are no land application activities permitted with this facility.
10	Part C.1.35 does not apply to this permit. This section references treatment of domestic sewage in treatment works.
11	Part C.1.41 does not apply to this permit. This section references land application of domestic sewage.
12	Part C.13 does not apply to this permit. This section is for biosolids management from treatment facilities. Manure management at this facility is specifically addressed in the Division reviewed O&M Plan.
13	Part C.27 does not apply to this permit. The Permittee is not required to submit sludge information listed in 40 CFR 501.15(a)(2) with their renewal application.
14	Part C.34 does not apply to this permit. The facility does not receive pollutants from indirect dischargers.
15	Part C.35 does not apply to this permit. This section references Federal CWA permit regulations.
16	The Permittee shall maintain compliance with the Division reviewed O&M Plan. Any changes to the O&M Plan shall be submitted to the Division for review prior to implementing the changes. Some changes may require a modification to the permit conditions.
17	The Permittee shall, in compliance with Natural Resources Conservation Service (NRCS) Conservation Practice Standard, Code 353 - Monitoring Well, establish a buffer zone with a minimum radius of 30 feet around the well head of any monitoring wells on the site. This requirement does not supersede a more restrictive requirement of the local authority.
18	The Permittee shall establish a minimum radius of 100 feet around any well intended for municipal or industrial purposes. This requirement does not supersede a more restrictive requirement of the local authority.

Reasonable Potential Analysis and Antidegradation Review:**Flow:**

There is no process wastewater flow associated with this facility.

Discharges From Future Outfalls:

Corrective Action Sites:

There are no Bureau of Corrective Actions sites within a one mile radius.

Wellhead Protection Program:

The facility is within 1000-foot municipal/industrial water supply well, W01 (NV0000379) owned by Apex Regional Waste Management Center. A Wellhead Protection Area has not been established for this area.

Schedule of Compliance:

SOC – Schedule of Compliance Table

Item #	Description	Due Date
1	<p>Within 60 days of permit issuance, the Permittee shall submit to NDEP, for review, a facility Operations and Maintenance (O&M) Plan. The Plan shall include but not be limited to the following items:</p> <p>1) Facility design and operations, 2) Monitoring and record keeping, 3) Manure management plan, 4) Odor control plan, 5) Pest management plan, and 6) Mortality management plan.</p>	4/30/2016

Deliverable Schedule:

DLV– Deliverable Schedule for Reports, Plans, and Other Submittals

Item #	Description	Interval	First Scheduled Due Date
1	Quarterly Discharge Monitoring Reports (DMRs)	Quarterly	4/28/2016
2	Annual Report	Annually	1/28/2017

Procedures for Public Comment:

The Notice of the Division's intent to issue a permit authorizing the facility to discharge to groundwater of the State of Nevada subject to the conditions contained within the permit, is being sent to the **Las Vegas Review Journal** for publication. The notice is being mailed to interested persons on our mailing list. Anyone wishing to comment on the proposed permit can do so in writing until 5:00 P.M. **2/8/2016**, a period of 30 days following the date of the public notice. The comment period can be extended at the discretion of the Administrator.

A public hearing on the proposed determination can be requested by the applicant, any affected State, any affected interstate agency, the Regional Administrator of EPA Region IX or any interested agency, person or group of persons. The request must be filed within the comment period and must indicate the interest of the person filing the request and the reasons why a hearing is warranted. Any public hearing determined by the Administrator to be held must be conducted in the geographical area of the proposed discharge or any other area the Administrator determined to be appropriate. All public hearings must be conducted to accordance with NAC 445A.238.

The final determination of the Administrator may be appealed to the State Environmental Commission pursuant to NRS 445A.605.

Proposed Determination:

The Division has made the tentative determination to issue / re-issue the proposed 5-year permit.

Prepared by: **Michele Reid**

Date: **12/31/2015**

Title: **Staff II Associate Engineer**