FACTSHEET
(pursuant to NAC 445A.236)

Permittee Name: OVERTON POWER DISTRICT #5

395 N. MOAPA VALLEY BLVD.
OVERTON, NV 89040

Permit Number: NS2016503

Permit Type: GROUNDWATER DISCHARGE

Designation: GROUNDWATER

New/Existing: EXISTING

Location: OVERTON POWER DISTRICT NO. 5, CLARK
615 N. MOAPA VALLEY BLVD, OVERTON, NV 89040
LATITUDE: 36.55235890, LONGITUDE: -114.45707630
TOWNSHIP: T16S, RANGE: R67E, SECTION: S11

Outfall / Well Num	Outfall / Well Name	Location Type	Well Log Num	Latitude	Longitude	Receiving Water
001	MOAPA & VIRGIN VALLEYS AREA WITHIN THE BODIES OF WATER IDENTIFIED WITHIN THE PERMIT APPLICATION LOCATED IN THE SERVICE TERRITORY	External Outfall		36.634294	-114.394240	WATERS OF THE STATE

Permit History/Description of Proposed Action
This is a permit renewal. The original permit was issued in August 2016 and expired in July 2021, after which it has been administratively continued. The permit authorizes the use of heavy equipment in Waters of the State.

Facility Overview

The Permittee, Overton Power District #5, is a nonprofit, quasi-municipal, special improvement district. The District's service area encompasses the northeastern quadrant of Clark County, Nevada, including the City of Mesquite and the unincorporated towns of Bunkerville, Glendale, Logandale, Moapa, and Overton. The service area also includes the Moapa Band of Paiutes, Valley of Fire State Park, and portions of the Lake Mead National Recreation Area, including Overton Beach and Echo Bay (see attached map).

The Permittee will be conducting maintenance throughout its infrastructure area in the Moapa & Virgin Valleys area of Clark County, Nevada. This project includes working in Waters of the State for the installation of culverts and stream crossings. This project is anticipated to occur over a three-year time period and throughout three hydrographic basins. Due to the scope of work, NDEP has issued the Permittee this Nevada individual discharge permit rather than a series of temporary working in waters permits.

Outfall Summary

Outfall 001 refers to three basins in and around the streams located in Moapa & Virgin Valleys area, east of Moapa & Virgin Valleys and SR169, and south of I-15.

The hydrographic basins:

a. #218 – California Wash
b. #219 – Muddy River Springs (Upper Moapa Valley)
c. #220 – Lower Muddy River Springs
d. #222 – Virgin River
e. #215 – Black Mountains
f. #223 – Gold Butte
g. #224 – Greasewood Basin

Effluent Characterization
The Permittee is not authorized to discharge into Waters of the State. This permit addresses the potential risks of sediment releases and fluid spills from heavy equipment. Work conducted in compliance with the conditions of this permit is expected to have no adverse impact on Waters of the State.

Pollutants of Concern
Pollutants of concern are any pollutants or parameters that have the potential to be introduced by the activity that could affect or alter the physical, chemical, or biological condition of the receiving water. Common pollutants of concern for this project include total petroleum hydrocarbons (TPH), resulting from accidental discharges from equipment operating in and around the streams, and turbidity caused by construction activities, which could potentially lead to plume events.

Receiving Water
The receiving waters are surface Waters of the State, throughout the project area. Review of Google Earth aerial photography from typically wet periods did not reveal the presence of surface water anywhere within the review area. The combination of local climate (arid) and the substrate of the washes, rivers and springs are consistent with the observed ephemeral nature of the subject washes, rivers and springs. The subject washes, rivers and springs receive hydrologic input from direct precipitation and runoff. No adjacent or abutting wetlands, springs or seeps which could contribute water have been identified. These data support the conclusions that the subject washes, rivers, and springs are unaffected and that, under normal conditions, potential discharges from construction activities are not expected to reach any waters of the U.S.

Compliance History
No compliance history has been reported since the permit was issued in 2016. A Best Management Practices (BMP) Plan will need to be submitted to NDEP as required in Section A.3.1. of the permit.

Proposed Effluent Limitations
The discharge shall be limited and monitored by the Permitee as specified below:

NS OTHER - Discharge Limitations Table for Sample Location 001 (External Outfall) To Be Reported Monthly

Discharge Limitations				Monitoring Requirements			
Parameter	**Base**	**Quantity**	**Concentration**	**Monitoring Loc**	**Sample Loc**	**Measurement Frequency**	**Sample Type**
Area inspection visual	Value	M&R Pass=0 Fail=1 (pass/fail)		See Footnote[1]	001	Daily	VISUAL
Hydrocarbons, total petroleum	Daily Maximum		<= 1.0 Milligrams per Liter (mg/L)	See Footnote[2]	001	See Permit[2]	DISCRT
Turbidity	Daily Maximum		<= 50 Nephelometric Turbidity Units (NTU)	See Footnote[3]	001	Instantaneous[4]	GRAB

Notes (NS OTHER - Discharge Limitations Table):

1. Observe and report the condition of BMPs. If functioning properly, report "0". If malfunctioning or not installed, report "1". Please see special approval item #10.
2. Sample the affected water in the event of a visible sheen or equipment leak within 100 feet of the active project work areas, resulting in a spill in or near the waterway. Report to NDEP immediately. This limit applies to each spill event.
3. If a visible turbidity plume is generated, work shall cease immediately, and grab samples shall be taken from the center of the plume at a location 200 feet downstream and a location 100 feet upstream of the work area. The turbidity must be measured with a calibrated field meter, and the net increase shall be calculated as the value at 200 feet downstream minus the value at 100 feet upstream. The width and depth of the plume must be estimated and recorded. BMPs must be reevaluated to stabilize the situation prior to resuming work. This limit applies to the net increase in turbidity.
4. Visually monitor turbidity continuously when active work is occurring in a channel with water. If a visual sediment plume occurs that originates from the work area, sample at the outfall using a handheld turbidimeter or other field instrument. Record all values in a water quality logbook and report maximum daily values for each outfall.

Summary of Changes From Previous Permit

1. The Discharge Limitations table was revised to conform with the Nevada Division of Environmental Protection's current standards for working in waterways permits.
2. The Special Approvals table was revised to conform with the Nevada Division of Environmental Protection's current standards for working in waterways permits.
3. Schedule of Compliance Item #2, to submit all DMRs via the NetDMR system, has been added to the permit.

Technology Based Effluent Limitations
Technology based effluent limitations are not applicable to this permit.

Water Quality Based Effluent Limitations
Water quality based effluent limitations are not applicable to this permit.

Proposed Water Quality Based Effluent Limits (monthly/weekly/daily)
Water quality based effluent limitations are not applicable to this permit.

Basis for Effluent Limitations

The Division has established the monitoring requirements in the above table to ensure that waters of the State are not degraded by project activities. Monthly reporting is appropriate due to the nature of the work and the local arid conditions.

The 50 NTU turbidity limit aligns with standards for temporary discharge permits involving heavy equipment. Total Petroleum Hydrocarbons (TPH) must remain below the Bureau of Corrective Actions' limit of 1.0 mg/L for any groundwater discharges, with TPH testing required in case of a spill.

Daily visual inspections of equipment and BMPs are necessary to prevent potential pollution and protect both human health and waters of the State. These permit conditions are in place to prevent sediment transport and equipment fluid contamination of waters of the State.

Anti-backsliding
To prevent backsliding, effluent limitations in a reissued permit are required to be as stringent as those in the previous permit. The permit requirements were not revised to be less stringent.

Antidegradation
The Division has developed an antidegradation regulation that is applied on a statewide basis, and which meets the statutory requirements of Nevada's water pollution control law found at Nevada Revised Statute (NRS) 445A.520 and NRS 445A.565 and is consistent with the federal antidegradation policy found at Title 40 in the Code of Federal Regulations (CFR) § 131.12. The objective of the Division's antidegradation regulation is to prevent degradation of Nevada's surface waters and maintain the unique attributes and special characteristics and water quality associated with highquality waters.
As there are no discharges authorized under this permit, the new antidegradation rule is not applicable.

Special Conditions
The Special Conditions listed below are to protect the waters where work will be performed onsite and downstream.

SA – Special Approvals / Conditions Table

Item #	Description
1	Spill containment equipment shall be readily available for use as needed.
2	All equipment shall be inspected for leaks daily prior to use and periodically throughout the day.
3	The Permittee bears the responsibility to ensure that the requirements of this permit are fully satisfied.
4	All equipment fueling and storage of fuels shall be located offsite and at least 100 feet away from any wash.
5	Any heavy equipment to be used in the work area must be steam cleaned at least once before work in the water bodies commences.
6	No work or stockpiling will be done with an approaching storm or during a precipitation event. BMPs must be in place prior to a storm event.
7	Presumption of Possession and Compliance: Copies of this permit and any subsequent modifications shall be maintained at the permitted project site at all times.
8	Sample the affected water in the event of a visible sheen or equipment leak within 100 feet of the active project work areas, resulting in a spill in or near the waterway. Report to NDEP immediately.
9	Best Management Practices (BMPs) shall be applied, and precautions shall be taken to prevent and control releases of debris, sediment, any transport of sediments, and to prevent and control turbidity in the waterbody during construction activities.
10	Other BMPs may include, but are not limited to, construction fences, trackout devices, vegetation protection, and other BMPs consistent with applicable BMP manuals and handbooks. If at any time the current BMPs are not effective, consultation with the Division is required prior to work resuming.
11	If a visible turbidity plume is generated, work shall cease immediately, and grab samples shall be taken from the center of the plume at a location that is 200 feet downstream and a location that is 100 feet upstream of the work area. The turbidity must be measured with a calibrated field meter, and the net increase shall be calculated as the value at 200 feet downstream minus the value at 100 feet upstream. The width and depth of the plume must be estimated and recorded. BMPs must be reevaluated to stabilize the situation prior to resuming work.

Item #	Description
12	Sections B.NSO.1 and C.2.1. of the permit are not applicable; the Permittee shall operate in accordance with an approved BMP Plan.

Discharges From Future Outfalls/ Planned Facility Changes
No planned changes at this time.

Corrective Action Sites
There are no Bureau of Corrective Action Sites within 7 miles of the location.

Wellhead Protection Program
There will be no discharges resulting from this permit, and no impacts are anticipated to any Wellhead Protection Areas or Drinking Water Protection Areas. The nearest Public Water Supply (PWS) well is located approximately 5.5 miles west of the area. The project areas are outside of any Wellhead Protection Area, which represents an approximate 10-year capture zone of a well, and are also outside of any Drinking Water Protection Area, defined as a 3,000-foot radius around a PWS well.

Schedule of Compliance:

SOC – Schedule of Compliance Table

Item #	Description	Due Date
1	The Permittee shall submit two (2) copies (one (1) electronic and one (1) hard copy) of a BMP plan for review and approval by the Division.	10/28/2025
2	All Discharge Monitoring Reports (DMRs) and all subsequent DMRs shall be submitted electronically through the Nevada NetDMR website.	10/28/2025

Deliverable Schedule:

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

Item #	Description	Interval	First Scheduled Due Date
1	Quarterly Reports	Quarterly	10/28/2025
2	Annual Reports	Annually	1/28/2026

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 mailed to interested persons on our mailing list and will be posted on our website at https://ndep.nv.gov/posts. Anyone wishing to comment on the proposed permit can do so in writing until 5:00 P.M. **3/14/2025,** a period of 30 days following the date of the public notice. The comment period can be extended at the discretion of the Administrator.

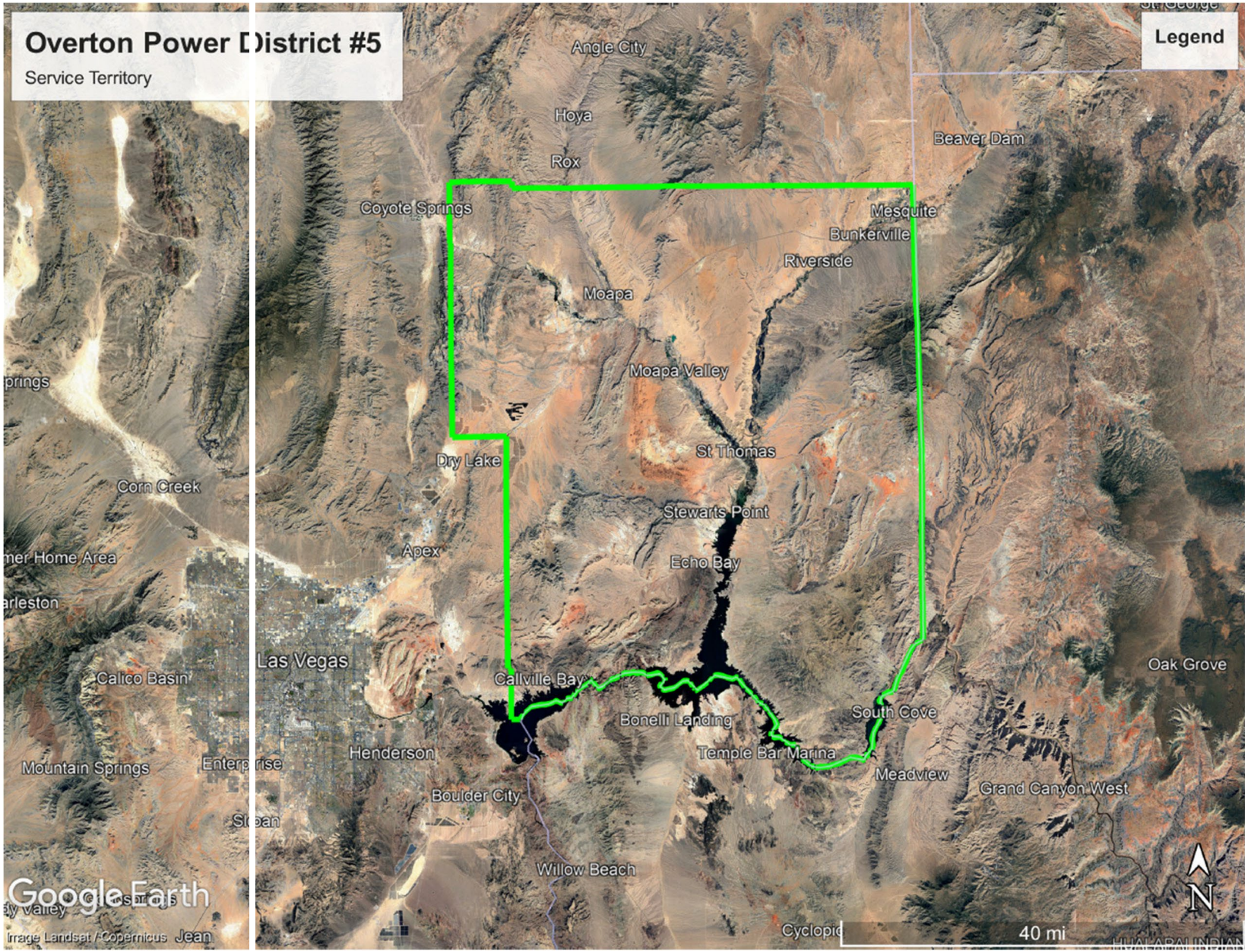
A public hearing on the proposed determination can be requested by the applicant, any affected State, any affected interstate agency, the Regional Administrator of EPA Region IX or any interested agency, person or group of persons. The request must be filed within the comment period and must indicate 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 in 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: **Lior Singer P.E. M.Sc.**
Date: **2/11/2025**
Title: **Environmental Engineer**


Overton Power District #5
Service Territory
Legend
Angle City
Hoya
Rox
Beaver Dam
Coyote Springs
Mesquite
Bunkerville
Riverside
Moapa
Moapa Valley
St Thomas
Dry Lake
Corn Creek
Stewarts Point
Apex
Echo Bay
Las Vegas
Callville Bay
Oak Grove
Calico Basin
Bonelli Landing
South Cove
Henderson
Temple Bar Marina
Meadview
Mountain Springs
Boulder City
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40 mi