



FACTSHEET
(pursuant to NAC 445A.236)

Permittee Name: NV ENERGY

6226 WEST SAHARA AVE
LAS VEGAS, NV 89146

Permit Number: NS2027500

Permit Type: GROUNDWATER DISCHARGE

Designation: GROUNDWATER

New/Existing: NEW

Location: GREENLINK NORTH TRANSMISSION PROJECT, OTHER
THE PROJECT CORRIDOR IS ALIGNED EAST-WEST AND PASSES
THROUGH LYON, CHURCHILL, LANDER, EUREKA, AND WHITE PINE
COUNTIES, YERINGTON - ELY, NV 89447
LATITUDE: 39.13243540, LONGITUDE: -119.141110
TOWNSHIP: 15N, RANGE: 25E, SECTION: 25

Outfall / Well Num	Outfall / Well Name	Location Type	Well Log Num	Latitude	Longitude	Receiving Water
001	LYON	External Outfall		39.134359	-119.137236	GROUNDWATER
002	CHURCHILL	External Outfall		39.269548	-118.364824	GROUNDWATER
003	LANDER	External Outfall		39.528292	-117.106578	GROUNDWATER
004	EUREKA	External Outfall		39.542566	-115.976162	GROUNDWATER
005	WHITE PINE	External Outfall		39.246399	-114.904138	GROUNDWATER

Permit History/Description of Proposed Action

This is a new permit. The Permittee, NV Energy (NVE), has applied for a new individual Working in Waterways permit for the "Greenlink North" project. The project will comprised of approximately 235 miles of new transmission lines including a 525- kilovolt (kV), a 345-kV, and a 230-kV transmission line within the project corridor. The project corridor is located on public land managed by the Bureau of Land Management, the Department of Defense, the Forest Service, and Nevada state lands between the Walker River Substation (western terminus), the new mid-line Lander Substation, and the Robinson Summit Substation (eastern terminus) in Lyon, Churchill, Lander, Eureka, and White Pine Counties. The Walker River Substation is located approximately 10 miles north of Yerington, the Robinson Summit Substation is located approximately 17 miles west-northwest of Ely and the new mid-line Lander Substation is located approximately 3 miles north-northwest of the intersection of US Highway 50 and State Highway 305. Construction would include operation of heavy equipment (rolling stock) within waters of the State as defined by Nevada Revised Statute (NRS) 445A.415 including ephemeral washes.

Facility Overview

NVE is constructing a 525 kV transmission line, which will be part of the Greenlink North project. The project consists of approximately 235 miles of new transmission lines including a 525- kilovolt (kV), a 345-kV, and a 230-kV transmission line within a 200-foot-wide right-of-way (ROW). The project comprises approximately 1074 transmission structures, including a combination of structure types including steel pole H-frames (tubular), steel monopoles (single pole), guyed steel lattice, and self-supporting steel lattice structures, as determined by existing terrain. The project corridor is located between the Walker River Substation (western terminus), the new mid-line Lander Substation, and the Robinson Summit Substation (eastern terminus). The applicant is proposing to operate heavy equipment (rolling stock) within waters of the State as defined in NRS 445A.415, including ephemeral washes for the construction of this project. Best Management Practices (BMPs) shall be utilized to prevent erosion and degradation of waters of the State. No discharges to waters of the State and/or waters of the United States are anticipated.

Outfall Summary

Outfall 001 (LYON) this external outfall is the permitted working in waters areas along the project corridor within Lyon County that meet the definition of "Waters of the State" at NRS 445A.415.

Outfall 002 (CHURCHILL) this external outfall is the permitted working in waters areas along the project corridor within Churchill County that meet the definition of "Waters of the State" at NRS 445A.415.

Outfall 003 (LANDER) this external outfall is the permitted working in waters areas along the project corridor within Lander County that meet the definition of "Waters of the State" at NRS 445A.415.

Outfall 004 (EUREKA) this external outfall is the permitted working in waters areas along the project corridor within Eureka County that meet the definition of "Waters of the State" at NRS 445A.415.

Outfall 001 (WHITE PINE) this external outfall is the permitted working in waters areas along the project corridor within White Pine County that meet the definition of "Waters of the State" at NRS 445A.415.

Effluent Characterization

No discharge of effluent is planned, this permit authorizes operating heavy equipment (rolling stock) within waters of the State.

Pollutants of Concern

Pollutants of concern are any pollutant, or parameters, that are believed to be present in the discharge and could affect or alter the physical, chemical, or biological, conditions of the receiving water. Pollutants of concern include:

Total Petroleum Hydrocarbons (TPH) - potential accidental TPH discharge from equipment operating in and around the channels.

Turbidity - construction activities are potential turbidity plume events.

Monitoring and sampling is required to ensure protection of waters.

Receiving Water

The receiving water is groundwater of the State via percolation through any waters of the State (NRS 445A.415) encountered along the project corridor.

Compliance History

This is a new permit.

Proposed Effluent Limitations

The discharge shall be limited and monitored by the Permittee as specified below:

NS OTHER - Discharge Limitations Table for Sample Location 001 (Lyon Working In Waters) To Be Reported Quarterly^{[5][6][7]}

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 Milliliters per Liter (mL/L)	See Footnote ^[2]	001	Instantaneous	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 Approvals / Conditions Table 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 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 at that time and recorded. BMPs must be reevaluated to stabilize the situation prior to resuming work. This limit is to be applied 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.
5. If no discharge occurs, please use no data indicator (NODI) code "C" when reporting to NetDMR.
6. In the event of turbidity plume or TPH discharge identify water of the State location by NDOT mile marker or Latitude /Longitude in decimal degrees or on attached Figure 1. In the event of discharges occurring at separate waters of the State including ephemeral wash crossings during the same quarter identify each discharge at each water of the State and upload the report to NetDMR as an attachment.
7. This outfall is representative of all waters of the State within Lyon County. Report any discharges in waters of the State in Lyon County as Outfall 001.

**NS OTHER - Discharge Limitations Table for Sample Location 002 (Churchill Working In Waters)
To Be Reported Quarterly^{[5][6][7]}**

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]	002	Daily	VISUAL
Hydrocarbons, total petroleum	Daily Maximum		<= 1.0 Milliliters per Liter (mL/L)	See Footnote ^[2]	002	Instantaneous	DISCRT
Turbidity	Daily Maximum		<= 50 Nephelometric Turbidity Units (NTU)	See Footnote ^[3]	002	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 Approvals / Conditions Table 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 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 at that time and recorded. BMPs must be reevaluated to stabilize the situation prior to resuming work. This limit is to be applied 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.
5. If no discharge occurs, please use no data indicator (NODI) code "C" when reporting to NetDMR.
6. In the event of turbidity plume or TPH discharge identify water of the State location by NDOT mile marker or Latitude /Longitude in decimal degrees or on attached Figure 1. In the event of discharges occurring at separate waters of the State including ephemeral wash crossings during the same quarter identify each discharge at each water of the State and upload the report to NetDMR as an attachment
7. This outfall is representative of all waters of the State within Churchill County. Report any discharges in waters of the State in Churchill County as Outfall 002.

NS OTHER - Discharge Limitations Table for Sample Location 003 (Lander Working In Waters) To Be Reported Quarterly^{[5][6][7]}

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]	003	Instantaneous	VISUAL
Hydrocarbons, total petroleum	Daily Maximum		<= 1.0 Milliliters per Liter (mL/L)	See Footnote ^[2]	003	Instantaneous	DISCRT
Turbidity	Daily Maximum		<= 50 Nephelometric Turbidity Units (NTU)	See Footnote ^[3]	003	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 Approvals / Conditions Table 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 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 at that time and recorded. BMPs must be reevaluated to stabilize the situation prior to resuming work. This limit is to be applied 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.
5. If no discharge occurs, please use no data indicator (NODI) code "C" when reporting to NetDMR.
6. In the event of turbidity plume or TPH discharge identify water of the State location by NDOT mile marker or Latitude /Longitude in decimal degrees or on attached Figure 1. In the event of discharges occurring at separate waters of the State including ephemeral wash crossings during the same quarter identify each discharge at each water of the State and upload the report to NetDMR as an attachment
7. This outfall is representative of all waters of the State within Lander County. Report any discharges in waters of the State in Lander County as Outfall 003.

NS OTHER - Discharge Limitations Table for Sample Location 004 (Eureka Working In Waters) To Be Reported Quarterly^{[5][6][7]}

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]	004	Daily	VISUAL
Hydrocarbons, total petroleum	Daily Maximum		<= 1.0 Milliliters per Liter (mL/L)	See Footnote ^[2]	004	Instantaneous	DISCRT
Turbidity	Daily Maximum		<= 50 Nephelometric Turbidity Units (NTU)	See Footnote ^[3]	004	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 Approvals / Conditions Table 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 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 at that time and recorded. BMPs must be reevaluated to stabilize the situation prior to resuming work. This limit is to be applied 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.
5. If no discharge occurs, please use no data indicator (NODI) code "C" when reporting to NetDMR.
6. In the event of turbidity plume or TPH discharge identify water of the State location by NDOT mile marker or Latitude /Longitude in decimal degrees or on attached Figure 1. In the event of discharges occurring at separate waters of the State including ephemeral wash crossings during the same quarter identify each discharge at each water of the State and upload the report to NetDMR as an attachment
7. This outfall is representative of all waters of the State within Eureka County. Report any discharges in waters of the State in Eureka County as Outfall 004.

**NS OTHER - Discharge Limitations Table for Sample Location 005 (White Pine Working In Waters)
To Be Reported Quarterly^{[5][6][7]}**

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]	005	Daily	VISUAL
Hydrocarbons, total petroleum	Daily Maximum		<= 1.0 Milliliters per Liter (mL/L)	See Footnote ^[2]	005	Instantaneous	DISCRT
Turbidity	Daily Maximum		<= 50 Nephelometric Turbidity Units (NTU)	See Footnote ^[3]	005	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 Approvals / Conditions Table 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 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 at that time and recorded. BMPs must be reevaluated to stabilize the situation prior to resuming work. This limit is to be applied 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.
5. If no discharge occurs, please use no data indicator (NODI) code "C" when reporting to NetDMR.
6. In the event of turbidity plume or TPH discharge identify water of the State location by NDOT mile marker or Latitude /Longitude in decimal degrees or on attached Figure 1. In the event of discharges occurring at separate waters of the State including ephemeral wash crossings during the same quarter identify each discharge at each water of the State and upload the report to NetDMR as an attachment
7. This outfall is representative of all waters of the State within White Pine County. Report any discharges in waters of the State in White Pine County as Outfall 005.

Summary of Changes From Previous Permit

Not applicable, this is a new 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 above tables to ensure that waters of the State are not degraded as a result of project activities. Quarterly reporting is adequate based on the nature of the proposed work and local atmospheric conditions (arid).

The 50 NTU value is consistent with the limitations for turbidity established in temporary discharge permits issued by the Division that authorize the operation of heavy equipment and work in waters of the State. TPH are required to be under the Bureau of Corrective Actions action level of 1.0 mg/L in any discharges to the

groundwater. TPH are limited to 1.0 mg/L per the State action level for remediation projects and therefore will be sampled for in the event of a spill.

Permit requirements are included to ensure protection of human health and waters of the State. Daily visual inspection of equipment and BMPs is required so the Permittee can identify and correct potential pollution before discharge to a water of the State and for the protection of the environment.

Anti-backsliding

Not applicable, this is a new permit.

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 high quality waters.

As this permit is for discharges to groundwater, and not surface water, 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 off site and at least 100 feet away from any water of the State (NRS 445A.415).
5	All heavy equipment to be used in the work area must be steam cleaned at least once before work in any water of the State (NRS 445A.415) commences.
6	No work or stockpiling will be done with an approaching storm or during a precipitation event. BMP's will 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, track out devices, vegetation protection, and other BMPs as 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	The Permittee is solely responsible for determining whether construction activities authorized under this Permit are occurring within a "water of the State," as defined in NRS 445A.415. The Permittee shall evaluate site conditions and identify the limits of waters of the State prior to and throughout construction activities and shall ensure that appropriate BMPs are properly selected, installed, maintained, and implemented to protect the integrity of all waters of the State.
	If a visible turbidity plume is generated work shall cease immediately, and grab samples shall be taken

Item #	Description
12	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, following the regulation by ISO 7027:2:2019 and follow specific criteria listed by the USEPA 180:2 method and 2130 B standard method. 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 at that time and recorded. BMPs must be reevaluated to stabilize the situation prior to resuming work.
13	Section C.2. of the permit is not applicable, the Permittee shall operate in accordance with a standalone BMP Plan.
14	Section B of the permit is not applicable.

Discharges From Future Outfalls/ Planned Facility Changes

Not applicable.

Corrective Action Sites

There are two (2) Bureau of Corrective Actions (BCA) remediation sites within a one mile radius of the project corridor. The BCA remediation sites within a one-mile radius of the facility include 6-000197 (gasoline), and C-000112 (diesel). Activities authorized by this permit are not expected to impact the offsite BCA remediation sites.

Wellhead Protection Program

The outfalls are not located within a Wellhead Protection Area, which represents an approximate 10-year capture zone of a well, or within a Drinking Water Protection Area, which is defined by 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 Best Management Practices (BMP) plan for review and approval by the Division. The plan shall be prepared by a Nevada registered Professional Engineer or Certified Environmental Manager. The BMP must be approved by the Division prior to the commencement of any construction activities.	3/1/2027

Deliverable Schedule:

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

Item #	Description	Interval	First Scheduled Due Date
1	Quarterly DMRs	Quarterly	4/28/2027

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. **11/30/2026**, 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.

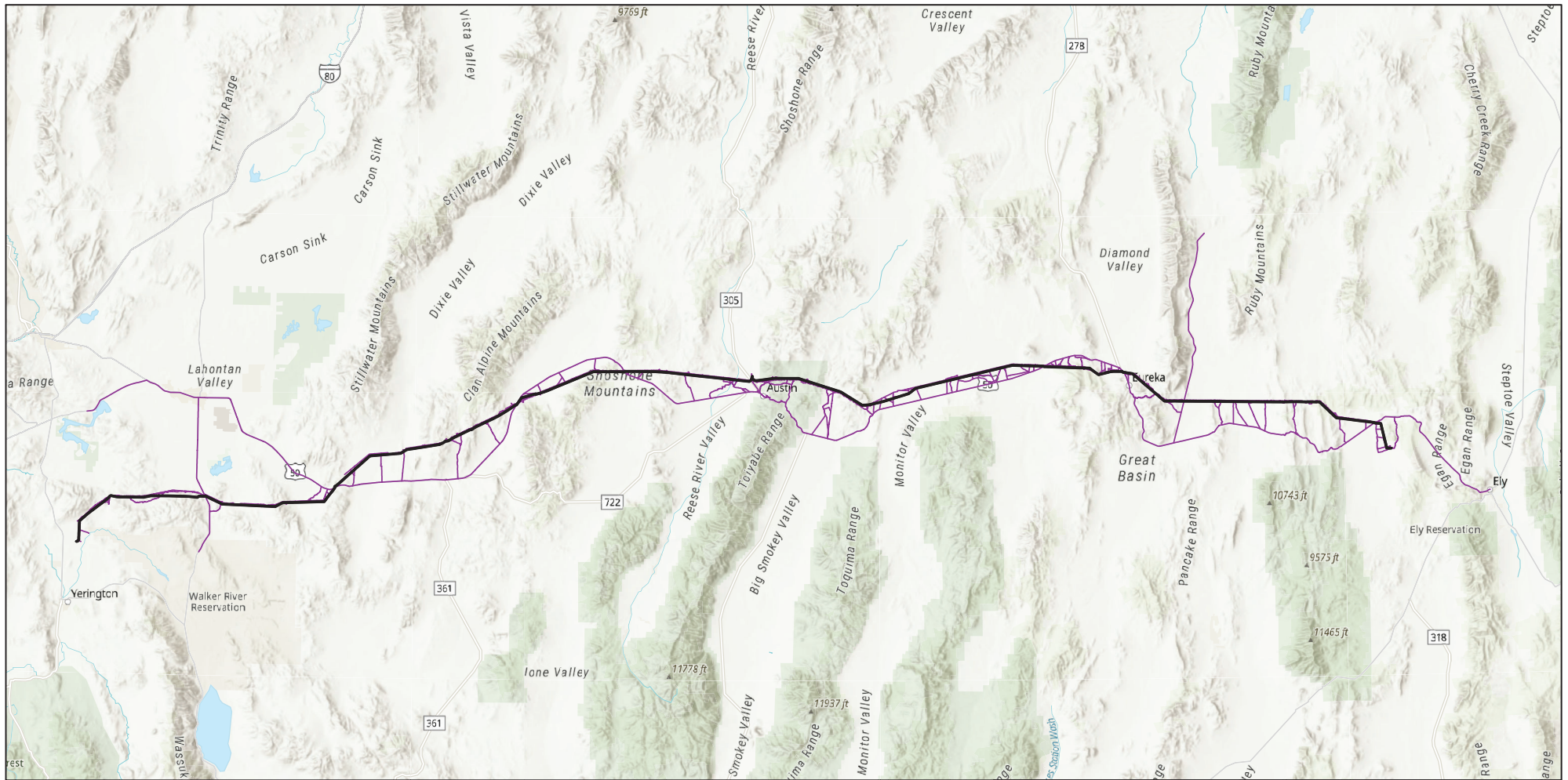
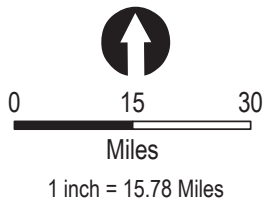
Proposed Determination:

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

Prepared by: **Aaron Park**

Date: **10/28/2026**

Title: **Staff II, Associate Engineer**



Date: 1/12/2026

Project Area

- Right of Way
- Access Roads



GREENLINK NORTH NEVADA
TRANSMISSION LINE PROJECT

Figure 1

Topographic/Vicinity Map

