PROPOSED DRAFT

Permit Type: Groundwater Discharge

Permit No. NS2025509

Nevada Division of Environmental Protection

AUTHORIZATION TO DISCHARGE

In compliance with Chapter 445A of the Nevada Revised Statutes (NRS),

POWER ENGINEERS, INC.
1032 SILVERSTONE WAY, STE 200
MERIDIAN, ID - 83642

is authorized to discharge from a facility located at:

GREENLINK WEST
ALONG U.S. ROUTE 95 BETWEEN THE NV ENERGY HARRY ALLEN SUBSTATION AND EXTEND NORTH TO THE WALKER RIVER SUBSTATION, INDIAN SPRINGS, NV - 89018
LATITUDE: 36.19885920, LONGITUDE: -115.11750130
TOWNSHIP: T20S, RANGE: R61E, SECTION: S23N

to receiving waters named:

GROUNDWATER OF THE STATE

AND

CARSON RIVER

in accordance with effluent limitations, monitoring requirements, and other conditions set forth in Sections A, B, and C hereof.

This permit shall become effective on May 01, 2025.

This permit and the authorization to discharge shall expire at midnight, April 30, 2030.

Signed this 30th day of April 2025.

Aaron Park
Staff I, Associate Engineer
Bureau of Water Pollution Control

SECTION A

A.1. INTRODUCTION

A.1.1. The Permittee, Power Engineers, Inc., has applied for a new individual Working in Waterways permit for the "Greenlink West" project. The project corridor is located on public land managed by the Bureau of Land Management between the existing NV Energy (NVE) Harry Allen Substation and extend north to the Walker River Substation (north of Yerington), within Clark, Nye, Esmerelda, Mineral, Lyon and Storey Counties. The Permittee is proposing to construct a 525 kilovolt (kV) transmission line. Construction would include operation of heavy equipment (rolling stock) within two (2) sections of the Carson River and up to four hundred and thirty-four (434) unnamed ephemeral washes.

A.2. EFFLUENT LIMITATIONS

A.2.1. There shall be no discharge from the facility property except as authorized by this permit.

A.2.2. There shall be no discharge of substances that would cause or contribute to an exceedance of water quality standards.

A.2.3. During the period beginning on the effective date of this permit, and lasting until the permit expires, the Permittee is authorized to:

operate heavy equipment (rolling stock) within the Carson River and the unnamed washes identified on attachment Table 1 for the construction of a 525 kV transmission line. Best Management Practices (BMPs) shall be utilized to prevent erosion and degradation of waters of the State.

Samples and measurements taken in compliance with the monitoring requirements specified below shall be taken at:

Sample Location	Location Type	Location Name
001	External Outfall	CLARK WIW
002	External Outfall	NYE WIW
003	External Outfall	ESM WIW
004	External Outfall	MIN WIW
005	External Outfall	LYON WIW
006	External Outfall	STO WIW

A.2.4. **Water Quality Standards:** There shall be no discharge of substances that would cause the groundwater quality to degrade below drinking water standards.

A.2.5. **Visibility Parameters:** There shall be no discharge of floating solids or visible foam in other than trace amounts.

A.2.6. **Solid Waste Management:** All solid, toxic, or hazardous waste shall be properly handled and disposed of pursuant to applicable laws and regulations. Any sludge generated during this operation shall be characterized and disposed of in accordance with local, State, and Federal regulations.

A.2.7. **Presumption of Possession and Compliance:** Copies of this permit, any subsequent

modifications, and the O&M Manual shall be maintained at the permitted facility at all times.

A.2.8. **Records Retention:** All records and information resulting from the monitoring activities required by this permit, including all records of analyses performed and calibration and maintenance of instrumentation, and recordings from continuous monitoring instrumentation, shall be retained for a minimum of five (5) years, or longer if required by the Administrator.

A.2.9. **Prerogative to Reopen:** There shall be no discharge of substances that would cause a violation of water quality standards of the State of Nevada as defined by the permit. The permit may be reopened, and additional limits imposed, if it is determined that the discharge is causing a violation of ambient water quality standards of the State of Nevada.

A.2.10. The discharge shall be limited and monitored by the Permittee as specified below. As applicable, exceptions to standard language in this permit are identified and authorized in the Special Approvals / Conditions table.

Zero Discharge Limitations Table for Sample Location 001 (Representative Working In Waters Clark) 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 Milligrams per Liter (mg/L)	See Footnote[2]	001	Instantaneous	DISCRT
Turbidity	Daily Maximum		<= 50 Nephelometric Turbidity Units (NTU)	See Footnote[3]	001	Instantaneous[4]	GRAB

Notes (Zero 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 wash location from attached Table 1. In the event of discharges occur at separate wash crossings during the same quarter identify each discharge at each crossing and upload the report to NetDMR as an attachment.
7. This outfall is representative of the wash crossings within Clark County. Report any discharges at wash crossings in Clark County as outfall 001.

Zero Discharge Limitations Table for Sample Location 002 (Representative Working In Waters Nye) 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 Milligrams per Liter (mg/L)	See Footnote[2]	002	Instantaneous	DISCRT
Turbidity	Daily Maximum		<= 50 Nephelometric Turbidity Units (NTU)	See Footnote[3]	002	Instantaneous[4]	GRAB

Notes (Zero 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 wash location from attached Table 1. In the event of discharges occur at separate wash crossings during the same quarter identify each discharge at each crossing and upload the report to NetDMR as an attachment.
7. This outfall is representative of the wash crossings within Nye County. Report any discharges at wash crossings in Nye County as outfall 002.

Zero Discharge Limitations Table for Sample Location 003 (Representative Working In Waters Esmeralda) 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	Daily	VISUAL
Hydrocarbons, total petroleum	Daily Maximum		<= 1.0 Milligrams per Liter (mg/L)	See Footnote[2]	003	Instantaneous	DISCRT
Turbidity	Daily Maximum		<= 50 Nephelometric Turbidity Units (NTU)	See Footnote[3]	003	Instantaneous[4]	GRAB

Notes (Zero 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 wash location from attached Table 1. In the event of discharges occur at separate wash crossings during the same quarter identify each discharge at each crossing and upload the report to NetDMR as an attachment.
7. This outfall is representative of the wash crossings within Esmeralda County. Report any discharges at wash crossings in Esmeralda County as outfall 003.

Zero Discharge Limitations Table for Sample Location 004 (Representative Working In Waters Mineral) 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 Milligrams per Liter (mg/L)	See Footnote[2]	004	Instantaneous	DISCRT
Turbidity	Daily Maximum		<= 50 Nephelometric Turbidity Units (NTU)	See Footnote[3]	004	Instantaneous[4]	GRAB

Notes (Zero 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 wash location from attached Table 1. In the event of discharges occur at separate wash crossings during the same quarter identify each discharge at each crossing and upload the report to NetDMR as an attachment.
7. This outfall is representative of the wash crossings within Mineral County. Report any discharges at wash crossings in Mineral County as outfall 004.

Zero Discharge Limitations Table for Sample Location 005 (Representative Working In Waters Lyon) 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 Milligrams per Liter (mg/L)	See Footnote[2]	005	Instantaneous	DISCRT
Turbidity	Daily Maximum		<= 50 Nephelometric Turbidity Units (NTU)	See Footnote[3]	005	Instantaneous[4]	GRAB

Notes (Zero 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 wash location from attached Table 1. In the event of discharges occur at separate wash crossings during the same quarter identify each discharge at each crossing and upload the report to NetDMR as an attachment.
7. This outfall is representative of the wash crossings within Lyon County. Report any discharges at wash crossings in Lyon County as outfall 005.

Zero Discharge Limitations Table for Sample Location 006 (Representative Working In Waters Storey) 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]	006	Daily	VISUAL
Hydrocarbons, total petroleum	Daily Maximum		<= 1.0 Milligrams per Liter (mg/L)	See Footnote[2]	006	Instantaneous	DISCRT
Turbidity	Daily Maximum		<= 50 Nephelometric Turbidity Units (NTU)	See Footnote[3]	006	Instantaneous[4]	GRAB

Notes (Zero 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 wash location from attached Table 1. In the event of discharges occur at separate wash crossings during the same quarter identify each discharge at each crossing and upload the report to NetDMR as an attachment.
7. This outfall is representative of the wash crossings within Storey County. Report any discharges at wash crossings in Storey County as outfall 006.

A.3. **Schedule of Compliance:** The Permittee shall implement and comply with the provisions of the schedule of compliance after approval by the Nevada Division of Environmental Protection (Division), including in said implementation and compliance, any additions or modifications, which the Division may make in approving the schedule of compliance. All compliance deliverables shall be addressed to the attention of the Bureau of Water Pollution Control.

A.3.1. The Permittee shall achieve compliance with the effluent limitations upon issuance of the Permit.

SOC – Schedule of Compliance Table

Item #	Description	Due Date
1	The Permittee shall submit two (2) copies (one electronic and one 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.	7/28/2025

SA – Special Approvals / Conditions Table

Item #	Description
1	The Permittee bears the responsibility to ensure that the requirements of this permit are fully satisfied.
2	All equipment shall be inspected for leaks daily prior to use and periodically throughout the day.
3	Spill containment equipment shall be readily available for use as needed.
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.
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	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.
7	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.
8	Presumption of Possession and Compliance: Copies of this permit and any subsequent modifications shall be maintained at the permitted project site at all times.
9	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.
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	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, 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.
12	Section C.2. of the permit is not applicable, the Permittee shall operate in accordance with a standalone BMP Plan.
13	Section B of the permit is not applicable.
14	If no discharge occurs, please use no data indicator (NODI) code "C" when reporting to NetDMR.

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

Item #	Description	Interval	First Scheduled Due Date
1	Quarterly DMRs	Quarterly	7/28/2025

SECTION B

Site specific requirements, which prevail in the case of any inconsistency with the requirements in Section A, are on the following pages:

B.PB. Ponds and Basins:

B.PB.1. There shall be no objectionable odors emitted from the facility.

B.PB.2. The facility shall be fenced and posted.

B.PB.3. Facility Construction:

B.PB.3.1. All of the facility's industrial process and wastewater disposal systems shall be constructed in conformance with plans approved by the Division. All plans must be approved by the Division prior to the start of construction and must be stamped by a Professional Engineer licensed in the State of Nevada (NV P.E.). Change orders to the approved plans must be stamped by a NV P.E. and submitted to the Division for approval prior to implementation.

B.PB.3.2. Ponds shall be located and constructed so as to:

B.PB.3.2.1. Contain with no discharge the twenty five (25)-year/twenty four (24)-hour storm at said location; and

B.PB.3.2.2. Withstand with no discharge the one hundred (100)-year flood of said location.

B.PB.4. Pond Management:

B.PB.4.1. Inspections and maintenance, including the periodic removal of materials to restore capacity, shall be conducted in accordance with the accepted O&M Manual. Summaries of these activities shall be included in the quarterly reports.

B.PB.4.2. Damaged ponds or liners shall be repaired or the pond taken out of service. The Division shall be notified in writing within one week of discovery of a liner tear or hole, and a repair plan or abandonment plan shall be submitted within fourteen (14) days of discovery.

B.PB.4.3. The Permittee shall maintain a minimum freeboard of three (3) feet for ponds greater than one (1) acre. A freeboard of two (2) feet for ponds less than or equal to one (1) acre may be accepted as approved by the Division and as identified and authorized in the Special Approvals / Conditions table.

B.PB.4.4. Ponds shall have a staff gauge installed to indicate the water level depth. The water level in each pond shall be measured monthly and recorded in the operations logbook maintained at the site.

B.PB.5. When Present, Double Lined Leak Detection Systems:

B.PB.5.1. Leakage rates shall be reported in units of average gallons per day per acre, per pond.

B.PB.5.2. Upon written notification by the Division, any liquids accumulated in leak detection systems shall be sampled and analyzed in accordance with the requirements of Section A, as applicable. All leakage rates shall be reported with the Quarterly Report.

B.PB.5.3. The Leak Collection and Recovery System or LCRS (e.g., collection sump, pumps,

collection media, etc.) shall be designed to remove the collected leakage at a rate equal to or greater than the maximum rate collected in the interstitial leak detection sump media and/or at a rate that prevents the overfilling of the LCRS sump.

B.PB.5.4. The leak detection metering system must allow for accurate recording of the daily volume of leakage through the primary liner.

B.PB.5.5. The maximum allowable leakage rate for the primary liner is 500 gallons/acre-day. The action leakage rates through the primary liner shall be as follows (note: a more restrictive action leakage rate schedule may be required on a case-by-case basis):

B.PB.5.6. Leak-detection monitoring wells may be required to assess leakage impacts to the environment.

B.PB.6. Closure:

B.PB.6.1. Sixty (60) days prior to closing any permitted pond, the Permittee shall submit a closure plan and schedule to the Division for review and approval.

B.PB.6.2. Upon approval of the closure plan by the Division, the Permittee shall implement the plan.

C.1. MONITORING AND REPORTING:

C.1.1. **Schedule:** Discharge Monitoring Reports (DMRs) shall be received by the 28th day of the month following the third month of each quarter (reporting period). Quarterly and annual reporting periods are based on the standard annual cycle, January 1 through December 31.

C.1.1.1 If required, all Annual, Biosolids Monitoring Report (BMR), Pretreatment, Total Inorganic Nitrogen (TIN), Salinity Control, and Whole Effluent Toxicity Testing (WET) annual reports are due as defined in the Deliverable Table (DLV).

C.1.1.2 An original signed copy of these, and all other reports required herein, shall be submitted to the State at the following address:

Nevada Division of Environmental Protection
Bureau of Water Pollution Control
901 South Stewart Street, Suite 4001
Carson City, Nevada 89701

C.1.2. **Annual Report:** The fourth quarter report shall contain plots of concentration (y-axis) versus date (x-axis) for each analyzed constituent identified in the Monitoring Table. The plots shall include data from the preceding five years, if available. Plotting is not required for any constituent that have routinely been below the detection limit or if less than three data points exist. Any data point from the current year that is greater than the limits identified in the applicable tables and conditions above must be explained by a narrative.

Once reporting through the Nevada NetDMR system has been performed for a continuous five year period annual plots are no longer required.

C.1.3. **Reporting:** Monitoring results obtained in accordance to the requirements of the permit, supporting laboratory data, and supporting documents shall be submitted through the Nevada NetDMR system.

https://netdmr.ndep.nv.gov/netdmr/public/home.htm

C.1.4. **Sampling and measurements:** Samples and measurements taken when required shall be representative of the volume and nature of the monitored discharge and must comply with any Division approved sampling plan as required by the Schedule of Compliance. Analyses shall be performed by a Nevada certified laboratory. Results from this lab must accompany the DMR. If no discharge occurs during the reporting period, report "no discharge" shall be indicated on the submitted DMR.

C.1.5. **Recording the Results:** For each measurement or sample taken pursuant to the requirements of this permit, the Permittee shall record the following information:

C.1.5.1. The exact place, date, and time of sampling;

C.1.5.2. The dates the analyses were performed;

C.1.5.3. The person(s) who performed the analyses;

C.1.5.4. The analytical techniques or methods used; and

C.1.5.5. The results of all required analyses.

C.1.6. **Additional Monitoring by Permittee:** If the Permittee monitors any pollutant at the location(s) designated herein more frequently than required by this permit, using approved analytical methods as specified above, and the results of such monitoring shall be included in the calculation and reporting of the values required in the Discharge Monitoring Report Form. Such increased frequency shall also be indicated.

C.1.7. **Test Procedures:** Test procedures for the analysis of pollutants shall conform to regulations (40 CFR, Part 136) published pursuant to Section 304(h) of the CWA, under which such procedures may be required unless other procedures are approved by the Division. Other procedures used may be:

C.1.7.1. Selected from SW-846;

C.1.7.2. Selected from 40 CFR 503; or

C.1.7.3. An alternate test procedure approved by the Division, Environmental Laboratory Services.

C.1.7.4. All laboratory analyses conducted in accordance with this discharge permit must have detection at or below the permit limits.

C.1.7.5. All analytical results must be generated by analytical laboratories certified by the Nevada Laboratory Certification Program

C.1.8. **Reporting Limits:** Unless otherwise approved by the Division, the approved method of testing selected for analysis must have reporting limits which are:

C.1.8.1. Half or less of the discharge limit; or, if there is no limit,

C.1.8.2. Half or less of the applicable water quality criteria; or, if there is no limit or criteria,

C.1.8.3. The lowest reasonably attainable using an approved test method.

C.1.8.4. This requirement does not apply if a water quality standard is lowered after the issuance of this permit; however, the Permittee shall review methods used and by letter notify the Division if the reporting limit will exceed the new criterion, and if so the Division may reopen the permit to impose new monitoring requirements.

C.2. **Operations and Maintenance (O&M) Manual:**

C.2.1. An O&M Manual shall be prepared and submitted to the Division for review and approval in accordance with the Division Operations and Maintenance Manual guidance (WTS-2).

C.2.2. The Permittee shall inspect the site at the frequency prescribed in the O&M Manual.

C.2.3. The Permittee shall maintain an operations logbook (hardcopy or electronic) on-site as referenced in the O&M Manual.

C.2.3.1. The logbook shall include the name of the operator, date, time, and general condition of the facility.

C.3. **Planned changes:** The Permittee shall give notice to the Division as soon as possible of any planned physical alterations or additions to the permitted facility and receive approval prior to commencing construction. Notice is required only when the alteration or addition to a permitted facility:

C.3.1. May meet one of the criteria for determining whether a facility is a new source (40 CFR 122.29 (b));

C.3.2. Could significantly change the nature or increase the quantity of pollutants discharged; or

C.3.3. Results in a significant change to the Permittee's sludge management practice or disposal sites.

C.4. **Anticipated non-compliance:** The Permittee shall give advance notice to the Division of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.

C.5. **Change in Discharge:** All discharges authorized herein shall be consistent with the terms and conditions of this permit. The discharge of any pollutant identified in this permit more frequently than or at a level in excess of that authorized shall constitute a violation of the Permit. Any anticipated facility expansions or treatment modifications which will result in new, different, or increased discharges of pollutants must be reported by submission of a new application or, if such changes will not violate the effluent limitations specified in this Permit, by notice to the permit issuing authority of such changes. Any changes to the permitted treatment facility must comply with NAC 445A.The Permit may be modified to specify and limit any pollutants not previously limited.

C.6. **Facilities Operation-Proper Operation and Maintenance:** The Permittee shall at all times maintain in good working order and properly operate all treatment and control facilities, collection systems, and pump stations installed or used by the Permittee to achieve compliance with the terms and conditions of this permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance/quality control procedures.

C.7. **Adverse Impact – Duty to Mitigate:** The Permittee shall take all reasonable steps to minimize the impact of releases to the environment resulting from noncompliance with any permit limitations specified in this permit, including such accelerated or additional monitoring as necessary to determine the nature and impact of the non-complying discharge. The Permittee shall carry out such measures, as reasonable, to prevent significant adverse impacts on human health or the environment. If the monitoring program (as required by this permit) identifies exceedances of ambient water quality standards at the boundary of any approved mixing zone, the Permittee shall notify the Division of the exceedances and describe any mitigation measures being implemented

as part of the quarterly monitoring report requirements.

C.8. Noncompliance, Unauthorized Discharge, Bypass and Upset

C.8.1. Any diversion, bypass, spill, overflow or discharge of treated or untreated wastewater from a permitted facility under the control of the Permittee is prohibited except as authorized by this permit. The Division may take enforcement action for a diversion, bypass, spill, overflow, or discharge of treated or untreated wastewater except as authorized by this permit. In the event the Permittee has knowledge that a diversion, bypass, spill, overflow or discharge not authorized by this permit is probable or has occurred, the Permittee shall notify the Division.

C.8.2. **Notification:** The Permittee is responsible for carrying out notification in the event of a diversion, bypass, spill, overflow or discharge not authorized by this permit with the following schedule;

C.8.2.1. **Immediately:** Permittee shall be responsible for the timely notification of potentially impacted downstream users for the protection of human health and the environment.

C.8.2.2. **Spill Hotline:** Notifying the Division through the NDEP Spill Hotline, 1-888-331-6337, as soon as practicable after the dispatch of emergency respondents and mitigating actions and no later than twenty-four (24) hours from the time of discovery.

C.8.2.3. **5-Day Report:** A written report shall be submitted to the Division within five (5) days of the discovery of a diversion, bypass, spill, overflow, upset, or discharge detailing the entire incident including;

C.8.2.3.1. Time and date of discharge;

C.8.2.3.2. Exact location and estimated amount of discharge;

C.8.2.3.3. Flow path and any bodies of water which the discharge contacts;

C.8.2.3.4. The specific cause of the discharge; and

C.8.2.3.5. The preventive and/or corrective actions taken.

C.8.3. The Permittee shall report all instances of noncompliance not reported under Section C.8. (Noncompliance, Unauthorized Discharge, Bypassing and Upset) at the time monitoring reports are submitted. The reports shall contain the information listed in Section C.8. (Noncompliance, Unauthorized Discharge, Bypassing and Upset).

C.8.4. **Bypass not exceeding limitations:** The Permittee may allow any bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of the applicable Section of Section C.8. (Noncompliance, Unauthorized Discharge, Bypassing and Upset including Prohibition of Bypass).

C.8.5. **Anticipated bypass:** If the Permittee knows in advance of the need for a bypass, it shall submit prior notice, if possible, at least ten days before the date of bypass.

C.8.6. **Prohibition of Bypass:** Bypass is prohibited, and the Division may take enforcement action against a Permittee for bypass, unless:

C.8.6.1. Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;

C.8.6.2. There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment down time. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventative maintenance; and

C.8.6.3. The Permittee submitted notices as required under Section C.8. (Noncompliance, Unauthorized Discharge, Bypassing and Upset).

C.8.7. **Approved Bypass:** The Division may approve an anticipated bypass, after considering its adverse effects, if the Division determines that it will meet the three conditions listed in Section C.8.6.

C.8.8. **Effect of an upset:** An upset constitutes an affirmative defense to an action brought for noncompliance with such technology-based permit effluent limitations if the requirements of Section C.8 (Noncompliance, Unauthorized Discharge, Bypassing and Upset: Conditions necessary for a demonstration of an upset) are met.

C.8.9. **Conditions necessary for a demonstration of an upset:** A Permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed, contemporaneous operating logs or other relevant evidence, that:

C.8.9.1. An upset occurred and that the Permittee can identify the cause(s) of the upset;

C.8.9.2. The permitted facility was at the time being properly operated;

C.8.9.3. The Permittee submitted notice of the upset as required under this Section; and

C.8.9.4. The Permittee complied with any remedial measures required under Section C.8. (Noncompliance, Unauthorized Discharge, Bypassing and Upset).

C.8.10. **Enforcement:** In selecting the appropriate enforcement option, the Division shall consider whether or not the noncompliance was the result of an upset. The burden of proof is on the Permittee to establish that an upset occurred.

C.9. **Removed Substances:** Solids, sludges, filter backwash, or other pollutants removed in the course of treatment or control of wastewaters shall be properly disposed as described in the SWMP.

C.10. **Right of Entry and Inspection:** The Permittee shall allow the Administrator and/or his authorized representatives, upon the presentation of credentials, to:

C.10.1. Enter at reasonable times upon the Permittee's premises where an effluent source is

located or in which any records are required to be kept under the terms and conditions of this permit;

C.10.2. Have access to and copy any records required to be kept under the terms and conditions of this permit at reasonable times;

C.10.3. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations required in this permit; and

C.10.4. Perform any necessary sampling or monitoring to determine compliance with this permit at any location for any parameter.

C.11. **Transfer of Ownership or Control:** In the event of any change in control or ownership of facilities from which the authorized discharge emanates, the Permittee shall notify the succeeding owner or controller of the existence of this permit, by letter, a copy of which shall be forwarded to the Division. The Division may require modification or revocation and reissuance of the permit to change the name of the Permittee and incorporate such other requirements as may be necessary. The Division shall approve ALL transfers of permits.

C.12. **Availability of Reports:** Except for data determined to be confidential under NRS 445A.665, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the office of the Division. As required by the CWA, effluent data shall not be considered confidential. Knowingly making any false statement on any such report may result in the imposition of criminal penalties as provided for in NRS 445A.710.

C.13. **Furnishing False Information and Tampering with Monitoring Devices:** Any person who intentionally or with criminal negligence makes any false statement, representation, or certification in any application, record, report, plan or other document filed or required to be maintained by the provisions of NRS 445A.300 to 445A.730, inclusive, or by any permit, rule, regulation or order issued pursuant thereto, or who falsifies, tampers with or knowingly renders inaccurate any monitoring device or method required to be maintained under the provisions of NRS 445A.300 to 445A.730, inclusive, or by any permit, rule, regulation or order issued pursuant thereto, is guilty of a gross misdemeanor and shall be punished by a fine of not more than $10,000 or by imprisonment. This penalty is in addition to any other penalties, civil or criminal, provided pursuant to NRS 445A.300 to 445A.730, inclusive.

C.14. **Penalty for Violation of Permit Conditions:** NRS 445A.675 provides that any person who violates a permit condition is subject to administrative and judicial sanctions as outlined in NRS 445A.690 through 445A.705, inclusive.

C.15. **Permit Modification, Suspension or Revocation:** After notice and opportunity for a hearing, this permit may be modified, suspended, or revoked in whole or in part during its term for cause including, but not limited to, the following:

C.15.1. Violation of any terms or conditions of this permit;

C.15.2. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts;

C.15.3. A change in any condition that requires either a temporary or permanent reduction or

elimination of the authorized discharge;

C.15.4. A determination that the permitted activity endangers human health or the environment and can only be regulated to acceptable levels by permit modification or termination;

C.15.5. Material and substantial alterations or additions to the permitted facility or activity;

C.15.6. The Division has received new information;

C.15.7. The standards or regulations have changed; or

C.15.8. The Division has received notification that the permit will be transferred.

C.16. **Minor Modifications:** With the consent of the Permittee and without public notice, the Division may make minor modifications in a permit to:

C.16.1. Correct typographical errors;

C.16.2. Clarify permit language;

C.16.3. Require more frequent monitoring or reporting;

C.16.4. Change an interim compliance date in a schedule of compliance, provided the new date is not more than 120 days after the date specified in the permit and does not interfere with attainment of the final compliance date;

C.16.5. Allow for change in ownership;

C.16.6. Change the construction schedule for a new discharger provided that all equipment is installed and operational prior to discharge;

C.16.7. Delete an outfall when the discharge from that outfall is terminated and does not result in discharge of pollutants from other outfalls except in accordance with permit limits; or

C.16.8. Reallocate the IWLA as long as the ΣIWLA does not change.

C.17. **Toxic Pollutants:** Notwithstanding Section C (Permit Modification, Suspension or Revocation), if a toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is established under Section 307(a) of the CWA for a toxic pollutant which is present in the discharge and such standard or prohibition is more stringent than any limitation for such pollutant in this permit, this permit shall be revised or modified in accordance with the toxic effluent standard or prohibition and the Permittee so notified.

C.18. **Liability:** Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the Permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable Federal, State or local laws, regulations, or ordinances. However, except for any toxic effluent standards and prohibitions imposed under Section 307 of the CWA or toxic water quality standards set forth in NAC 445A.144, compliance with this permit constitutes compliance with CWA Sections 301,

302, 306, 307, 318, 403, 405(a) and (b), and with NRS 445A.300 through 445A.730, inclusive.

C.19. **Property Rights:** The issuance of this permit does not convey any property rights, in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

C.20. **Severability:** The provisions of this permit are severable, and if any provision of this permit, or the application of any provisions of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

C.21. **Duty to Comply:** The Permittee shall comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the CWA and is grounds for enforcement action; permit termination; revocation and reissuance, or modification; or denial of a permit renewal application.

C.22. **Need to Halt or Reduce Activity Not a Defense:** It shall not be a defense for a Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with this permit.

C.23. **Duty to Provide Information:** The Permittee shall furnish to the Division, within a reasonable time, any relevant information which the Division may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The Permittee shall also furnish to the Division, upon request, copies of records required to be kept by this permit.

C.24. **Other information:** Where the Permittee becomes aware of failure to submit any relevant facts in a permit application or the submittal of incorrect information in a permit application or in any report to the Division, the Permittee shall promptly submit such facts or information.

C.25. **Reapplication:** If the Permittee desires to continue to discharge, he shall reapply not later than 180 days before this permit expires on the application forms then in use. The Permittee shall submit the sludge information listed in 40 CFR 501.15(a)(2) with the renewal application. The renewal application shall be accompanied by the fee required by NAC 445A.232.

C.26. **Signatures, Certification Required on Application and Reporting Forms:** All applications, reports, or information submitted to the Division shall be signed and certified by making the following certification. “I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.”

C.26.1. All applications, reports or other information submitted to the Division shall be signed by

one of the following:

C.26.2. A principal executive officer of the corporation (of at least the level of vice president) or his authorized representative who is responsible for the overall operation of the facility from which the discharge described in the application or reporting form originates;

C.26.3. A general partner of the partnership;

C.26.4. The proprietor of the sole proprietorship; or

C.26.5. A principal executive officer, ranking elected official or other authorized employee of the municipal, state or other public facility.

C.27. **Changes to Authorization:** If an authorization under Section C.25 (Signatures, Certification Required on Application and Reporting Forms) is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the requirements of Section C.25 (Signatures, Certification Required on Application and Reporting Forms) must be submitted to the Division prior to or together with any reports, information, or applications to be signed by an authorized representative.

C.28. **Definitions:**

25-year, 24-hour storm event means a precipitation event with a probable recurrence interval of once in twenty-five years, as defined by the National Weather Service in Technical Paper No. 40, “Rainfall Frequency Atlas of the United States,” May, 1961, or equivalent regional or State rainfall probability information developed from this source.

100-year, 24-hour storm event means a precipitation event with a probable recurrence interval of once in one hundred years, as defined by the National Weather Service in Technical Paper No. 40, “Rainfall Frequency Atlas of the United States,” May, 1961, or equivalent regional or State rainfall probability information developed from this source.

Acute Toxicity means the concentration that is lethal to 50 percent of the test organisms within 96 hours.

Agricultural land means land on which a food crop, a feed crop, or a fiber crop is grown. This includes rangeland and land used as pasture.

Agronomic rate means the whole sludge application rate (dry weight basis) designed: To provide the amount of nitrogen needed by the food crop, feed crop, fiber crop, cover crop, or vegetation grown on the land; and to minimize the amount of nitrogen that passes below the root zone of the crop or vegetation grown on the land to the groundwater.

Biosolids are non-hazardous sewage sludge or domestic septage.

Bypass means the intentional diversion of waste streams from any portion of a treatment facility.

Chronic precipitation event means a series of wet weather conditions that precludes reducing the volume of properly designed, constructed, operated, and maintained waste storage and/or treatment facilities and that total a volume in excess of the 25-year, 24-

hour storm event.

Composite Sample (for flow-rate measurements) sample means the arithmetic mean of no fewer than six individual measurements taken at equal time intervals for 24 hours, or for the duration of discharge, whichever is shorter.

Discrete sample means any individual sample collected in less than 15 minutes.

Feed crops means crops produced primarily for consumption by animals.

Food crops means crops consumed by humans. These include, but are not limited to, fruits, vegetables, and tobacco.

Land application means the spraying or spreading of sewage sludge onto the land surface; the injection of sewage sludge below the land surface; or the incorporation of sewage sludge into the soil so that the sewage sludge can either condition the soil or fertilize crops or vegetation grown in the soil.

Land application area means land under the control of the Permittee, whether it is owned, rented, or leased, to which manure or process wastewater from the production area is or may be applied.

Manure means animal excrement and is defined to include bedding, compost, and raw materials or other materials commingled with animal excrement or set aside for disposal.

Process wastewater means water directly or indirectly used in the operation of the facility.

Sewage sludge means solid, semi-solid, or liquid residue generated during the treatment of domestic sewage in a treatment works. Sewage sludge includes, but is not limited to, scum or solids removed in primary, secondary, or advanced wastewater treatment processes; and a material derived from sewage sludge. Sewage sludge does not include ash generated during the firing of sewage sludge in a sewage sludge incinerator or grit and screening generated during preliminary treatment of domestic sewage in a treatment works.

Upset means an exceptional incident in which there is unintentional and temporary noncompliance with permit effluent limitations because of factors beyond the reasonable control of the Permittee. An upset does not excuse noncompliance to the extent caused by operational error, improperly designed include treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.

Vegetated buffer means a permanent strip of dense perennial vegetation established parallel to the contours of and perpendicular to, the dominant slope for the purposes of slowing water runoff, enhancing water infiltration, and minimizing the risk of any potential pollutants leaving being released.

Table 1

RESOURCE ID	COUNTY	LATITUDE	LONGITUDE
S_A_312a	Clark	36.30577	-115.074539
S_A_313	Clark	36.306209	-115.053943
S_A_314a	Clark	36.305977	-115.039236
S_A_315a	Clark	36.30587	-115.037547
S_A_316a	Clark	36.305732	-115.035863
S_A_317a	Clark	36.305653	-115.035084
S_A_318a	Clark	36.30529	-115.030842
S_A_319	Clark	36.305212	-115.028711
S_A_320	Clark	36.30492	-115.021931
S_A_321	Clark	36.304895	-115.017941
S_A_322	Clark	36.305868	-115.011475
S_A_323	Clark	36.307958	-115.002761
S_A_324a	Clark	36.30854	-115.000331
S_A_325	Clark	36.308774	-114.999287
S_B_100	Clark	36.336361	-115.34841
S_B_101	Clark	36.341881	-115.369137
S_B_102	Clark	36.365919	-115.369206
S_B_103	Clark	36.376303	-115.37168
S_B_104	Clark	36.405137	-114.889321
S_B_105	Clark	36.386244	-114.903855
S_B_106	Clark	36.333629	-114.942265
S_B_107	Clark	36.317227	-114.964686
S_B_108	Clark	36.316107	-114.969273
S_B_109	Clark	36.374978	-115.370607
S_B_110	Clark	36.382742	-115.379581
S_B_111	Clark	36.383979	-115.381026
S_B_112	Clark	36.387741	-115.385566
S_B_113	Clark	36.389123	-115.387132
S_B_115	Clark	36.391718	-115.390185
S_B_116	Clark	36.399122	-115.398994
S_B_117	Clark	36.430607	-115.428464
S_B_118	Clark	36.432477	-115.429576
S_B_119	Clark	36.437688	-115.432617
S_B_120	Clark	36.465448	-115.453516
S_B_121	Clark	36.469807	-115.458876
S_B_124	Clark	36.545719	-115.743145
S_B_125	Clark	36.545825	-115.744003
S_B_126	Clark	36.546383	-115.748862
S_B_127	Clark	36.547957	-115.762642
S_B_128	Clark	36.548413	-115.766777
S_B_129	Clark	36.554445	-115.820014
S_B_130	Clark	36.555922	-115.833526

S_B_131	Clark	36.559447	-115.865039
S_C_100	Clark	36.336241	-115.36489
S_C_101	Clark	36.336446	-115.369292
S_C_102	Clark	36.347333	-115.36877
S_C_103.1	Clark	36.365427	-114.928758
S_C_104.1	Clark	36.355664	-114.93296
S_C_105.1	Clark	36.351145	-114.934919
S_C_106.1	Clark	36.344304	-114.938008
S_C_107	Clark	36.331452	-114.943133
S_C_108	Clark	36.31215	-114.985554
S_C_109	Clark	36.310177	-114.993318
S_C_110	Clark	36.476101	-115.471795
S_C_111	Clark	36.481007	-115.480231
S_C_112	Clark	36.53121	-115.566925
S_C_113	Clark	36.549063	-115.597814
S_C_114	Clark	36.549599	-115.638607
X1	Clark	36.334869	-115.171494
X10	Clark	36.335536	-115.085332
X2	Clark	36.334857	-115.170408
X3	Clark	36.334833	-115.167932
X4	Clark	36.334665	-115.14758
X5	Clark	36.334634	-115.146246
X6	Clark	36.334442	-115.120035
X7	Clark	36.334514	-115.223314
X8	Clark	36.335507	-115.091401
X9	Clark	36.335532	-115.088271
RD_D_162	Esmeralda	37.983582	-117.792403
S_A_179a	Esmeralda	38.160149	-117.937493
S_A_181	Esmeralda	38.142934	-117.927294
S_A_183	Esmeralda	37.886805	-117.623622
S_A_184	Esmeralda	37.884224	-117.621372
S_A_185	Esmeralda	37.883669	-117.62088
S_A_186	Esmeralda	37.88265	-117.619992
S_A_187	Esmeralda	37.881511	-117.619036
S_A_188	Esmeralda	37.877735	-117.615687
S_A_189	Esmeralda	37.875146	-117.613389
S_A_190	Esmeralda	37.871832	-117.610508
S_A_191	Esmeralda	37.871571	-117.610277
S_A_192	Esmeralda	37.870584	-117.609423
S_A_193	Esmeralda	37.867417	-117.606305
S_A_194	Esmeralda	37.864008	-117.592572
S_A_195	Esmeralda	37.863442	-117.590687
S_A_196	Esmeralda	37.862496	-117.587359
S_A_198a	Esmeralda	37.861295	-117.583089

S_A_198b	Esmeralda	37.862131	-117.58604
S_A_199	Esmeralda	37.859317	-117.576139
S_A_228	Esmeralda	38.205625	-117.964961
S_A_229	Esmeralda	38.210718	-117.968216
S_A_230	Esmeralda	38.21461	-117.970684
S_A_231	Esmeralda	38.219808	-117.974023
s_A_232	Esmeralda	38.193829	-117.957705
s_A_233	Esmeralda	37.926539	-117.680517
s_A_235	Esmeralda	37.914197	-117.654318
s_A_237	Esmeralda	37.901489	-117.636547
s_A_238	Esmeralda	37.899833	-117.635094
s_A_239	Esmeralda	37.898141	-117.633659
s_A_240	Esmeralda	37.857354	-117.554767
s_A_241	Esmeralda	37.857185	-117.552035
s_A_242	Esmeralda	37.856983	-117.548912
s_A_243	Esmeralda	37.856623	-117.544714
s_A_244	Esmeralda	37.85656	-117.543252
s_A_246	Esmeralda	37.851504	-117.524802
s_A_247	Esmeralda	37.844957	-117.51383
s_A_248	Esmeralda	37.845688	-117.516003
s_A_251a	Esmeralda	37.725983	-117.41751
s_A_251b	Esmeralda	37.727593	-117.417402
s_A_252	Esmeralda	37.723835	-117.417639
s_A_253	Esmeralda	37.721918	-117.417691
s_A_254	Esmeralda	37.718494	-117.417842
s_A_255	Esmeralda	37.713829	-117.41807
s_A_256	Esmeralda	37.712273	-117.418142
s_A_257	Esmeralda	37.709559	-117.418253
s_A_258	Esmeralda	37.704793	-117.418503
s_A_259	Esmeralda	37.703023	-117.41852
s_A_260	Esmeralda	37.701029	-117.418625
s_A_261	Esmeralda	37.69629	-117.418893
s_A_262	Esmeralda	37.695221	-117.418894
s_A_263	Esmeralda	37.693678	-117.419
s_A_264	Esmeralda	37.690979	-117.419121
s_A_265	Esmeralda	37.688306	-117.419248
S_A_300	Esmeralda	37.858842	-117.574491
S_A_301	Esmeralda	37.858494	-117.570469
S_A_305	Esmeralda	37.683792	-117.419432
S_A_306	Esmeralda	37.681856	-117.419492
S_A_307	Esmeralda	37.680023	-117.419613
S_A_308	Esmeralda	37.679045	-117.419649
S_A_309	Esmeralda	37.6752	-117.419818
S_A_310	Esmeralda	37.668869	-117.408978

S_C_143	Esmeralda	37.423406	-117.187437
S_C_144	Esmeralda	37.417884	-117.184088
S_C_145	Esmeralda	37.410467	-117.178422
S_C_146	Esmeralda	37.406735	-117.173426
S_C_150	Esmeralda	37.446342	-117.201228
S_C_151	Esmeralda	37.457796	-117.208079
S_C_152	Esmeralda	37.459894	-117.209342
S_D_160	Esmeralda	37.987101	-117.798128
S_D_163	Esmeralda	37.975784	-117.779513
S_D_164	Esmeralda	37.944028	-117.718587
S_D_165	Esmeralda	37.938714	-117.706684
S_D_166	Esmeralda	37.934162	-117.696813
S_D_167	Esmeralda	37.929982	-117.687872
S_D_168	Esmeralda	37.765772	-117.416458
S_D_169	Esmeralda	37.753155	-117.416248
S_D_170	Esmeralda	37.749671	-117.416431
S_D_171	Esmeralda	37.745506	-117.416625
S_D_172	Esmeralda	37.739888	-117.416894
S_D_173	Esmeralda	37.735917	-117.417066
S_D_177	Esmeralda	37.775081	-117.422393
S_D_179	Esmeralda	37.785488	-117.442914
S_D_180	Esmeralda	37.631974	-117.313079
S_D_181	Esmeralda	37.628771	-117.310165
S_D_182	Esmeralda	37.625747	-117.307364
S_D_183	Esmeralda	37.62216	-117.304045
S_D_184	Esmeralda	37.637551	-117.31814
S_D_185	Esmeralda	37.639899	-117.321968
S_D_186	Esmeralda	37.64174	-117.327578
S_D_189	Esmeralda	37.644616	-117.336482
S_D_191	Esmeralda	37.647929	-117.346374
S_D_192	Esmeralda	37.650779	-117.354886
S_D_193	Esmeralda	37.650433	-117.353831
S_D_194	Esmeralda	37.654897	-117.36719
S_D_196	Esmeralda	37.791044	-117.46402
S_D_197	Esmeralda	37.789966	-117.459687
S_D_198	Esmeralda	37.798562	-117.480639
S_D_200	Esmeralda	37.788697	-117.454881
S_D_201	Esmeralda	37.787318	-117.449736
S_D_202	Esmeralda	37.589331	-117.287375
S_D_203	Esmeralda	37.571629	-117.277945
S_D_204	Esmeralda	37.548045	-117.263694
S_D_205	Esmeralda	37.526183	-117.250466
S_D_206	Esmeralda	37.520103	-117.246745
S_D_208	Esmeralda	38.021635	-117.855976

S_D_209	Esmeralda	38.030026	-117.871682
S_D_210	Esmeralda	38.030748	-117.873016
SB_B_161	Esmeralda	37.466149	-117.213111
S_A_103b	Lyon	39.110267	-119.048315
S_A_104	Lyon	39.108366	-119.047879
S_A_105	Lyon	39.101924	-119.044579
S_A_106	Lyon	39.098787	-119.043529
S_A_107	Lyon	39.097683	-119.043088
S_A_108	Lyon	39.104109	-119.045293
S_A_109	Lyon	38.997401	-118.99622
S_A_110	Lyon	38.999662	-118.997564
S_A_111A	Lyon	39.000088	-118.997833
S_A_117	Lyon	38.989325	-118.991429
S_A_119	Lyon	38.985962	-118.989476
S_D_100	Lyon	39.035623	-119.019525
Verify NHD 149	Lyon	39.13224	-119.181677
Verify NHD 62	Lyon	39.300503	-119.436887
WL-1	Lyon	39.130916	-119.1389
WL-1	Lyon	39.13349	-119.2371
WL-2	Lyon	39.12877	-119.136891
WL-2	Lyon	39.133665	-119.234539
WL-3	Lyon	39.13293	-119.22188
WL-3	Lyon	39.150881	-119.102993
WL-4	Lyon	39.292791	-119.314109
WL-5	Lyon	39.151193	-119.104154
WL-5	Lyon	39.286098	-119.417624
WL-6	Lyon	39.15098	-119.106338
WL-7	Lyon	39.151156	-119.108096
WL-8	Lyon	39.150952	-119.11017
WL-9	Lyon	39.150971	-119.112491
WW_004	Lyon	39.133019	-119.202767
WW_010	Lyon	39.133393	-119.254381
WW_011	Lyon	39.135163	-119.26732
WW_013	Lyon	39.13492	-119.299996
WW_016	Lyon	39.144265	-119.306886
WW_017	Lyon	39.147701	-119.302342
WW_018	Lyon	39.159739	-119.304026
WW_019	Lyon	39.166086	-119.31191
WW_022	Lyon	39.196798	-119.321112
WW_023	Lyon	39.201232	-119.322301
WW_024	Lyon	39.205619	-119.310315
WW_025	Lyon	39.210627	-119.312958
WW_026	Lyon	39.215332	-119.319412
WW_027	Lyon	39.229949	-119.333821

WW_028	Lyon	39.247768	-119.357676
WW_029	Lyon	39.252604	-119.366762
WW_030	Lyon	39.25503	-119.371139
WW_034	Lyon	39.271256	-119.403077
WW_055	Lyon	39.462814	-119.385132
WW_056	Lyon	39.455711	-119.376288
WW_057	Lyon	39.448084	-119.365433
WW_058	Lyon	39.436349	-119.351321
WW_059	Lyon	39.428115	-119.337715
WW_060	Lyon	39.427476	-119.336671
WW_062	Lyon	39.420272	-119.325557
WW_063	Lyon	39.420076	-119.324767
WW_064	Lyon	39.414683	-119.324609
WW_065	Lyon	39.412599	-119.324565
WW_066	Lyon	39.413009	-119.324802
WW_073	Lyon	39.292467	-119.315034
WW_074	Lyon	39.27757	-119.328641
WW_075	Lyon	39.27225	-119.328659
WW_077	Lyon	39.269394	-119.328552
WW_079	Lyon	39.133272	-119.209157
WW_080	Lyon	39.133681	-119.232426
WW-1A	Lyon	39.128232	-119.139936
WW-1A	Lyon	39.132701	-119.171414
WW-1B	Lyon	39.130323	-119.139166
WW-1C	Lyon	39.130968	-119.142718
WW-2	Lyon	39.150932	-119.103979
WW-2A (Carson River East Crossing)	Lyon	39.292904	-119.314382
WW-2B (Carson River West)	Lyon	39.285749	-119.417687
WW-3	Lyon	39.133451	-119.22187
WW-3	Lyon	39.151023	-119.105489
WW-4	Lyon	39.150977	-119.100654
NWW_B_173i	Mineral	38.971942	-118.981189
NWW_B_173j	Mineral	38.975147	-118.983108
NWW_B_173k	Mineral	38.965981	-118.977718
NWW_B_173l	Mineral	38.968283	-118.979189
NWW_B_173m	Mineral	38.961617	-118.975168
NWW_B_173n	Mineral	38.958296	-118.973229
NWW_B_173o	Mineral	38.95454	-118.971005
NWW_B_173p	Mineral	38.955964	-118.971778
NWW_B_173q	Mineral	38.956834	-118.972348
NWW_B_173s	Mineral	38.957951	-118.973026
NWW_B_173t	Mineral	38.950246	-118.968479
NWW_B_173u	Mineral	38.941746	-118.963355
NWW_B_173v	Mineral	38.878798	-118.903542

NWW_B_173w	Mineral	38.890946	-118.928692
NWW_B_173x	Mineral	38.888463	-118.923488
S_A__216	Mineral	38.554145	-118.171423
S_A_123	Mineral	38.923707	-118.953005
S_a_123.1	Mineral	38.919939	-118.950932
S_A_124	Mineral	38.741141	-118.64481
S_A_125	Mineral	38.742457	-118.645202
S_A_126	Mineral	38.733892	-118.642828
S_A_127	Mineral	38.733519	-118.642665
S_A_129	Mineral	38.727185	-118.641926
S_A_132	Mineral	38.719802	-118.641219
S_A_133	Mineral	38.718741	-118.641127
S_A_135	Mineral	38.717594	-118.641039
S_A_137	Mineral	38.714161	-118.640705
S_A_138	Mineral	38.711997	-118.640511
S_A_139	Mineral	38.70751	-118.64013
S_A_140	Mineral	38.695353	-118.638996
S_A_141	Mineral	38.68851	-118.63836
S_A_142	Mineral	38.687709	-118.638285
S_A_143	Mineral	38.686511	-118.638138
S_A_146	Mineral	38.675927	-118.637029
S_A_147	Mineral	38.6727	-118.636742
S_A_148	Mineral	38.679064	-118.637371
S_A_149	Mineral	38.681336	-118.637595
S_A_150	Mineral	38.666709	-118.63614
S_A_151	Mineral	38.66426	-118.635884
S_A_152	Mineral	38.618495	-118.553116
S_A_153	Mineral	38.620754	-118.558019
S_A_154	Mineral	38.614348	-118.544176
S_A_155	Mineral	38.61373	-118.542762
S_A_156	Mineral	38.610954	-118.536803
S_A_157	Mineral	38.610039	-118.534885
S_A_158	Mineral	38.605961	-118.526042
S_A_159a	Mineral	38.603907	-118.521514
S_A_159b	Mineral	38.605257	-118.524443
S_A_160	Mineral	38.603528	-118.520762
S_A_167	Mineral	38.594873	-118.482682
S_A_168A	Mineral	38.596819	-118.50255
S_A_169	Mineral	38.597029	-118.504341
S_A_170	Mineral	38.597243	-118.506543
S_A_171	Mineral	38.598455	-118.509747
S_A_172	Mineral	38.601043	-118.515404
S_A_176	Mineral	38.421204	-118.096466
S_A_177b	Mineral	38.251005	-117.999528

S_A_200	Mineral	38.642239	-118.60461
S_A_201	Mineral	38.645253	-118.61117
S_A_2016	Mineral	38.635845	-118.590879
S_A_202	Mineral	38.646984	-118.614971
S_A_203	Mineral	38.648631	-118.618555
S_A_204	Mineral	38.651151	-118.623931
S_A_205	Mineral	38.653251	-118.628493
S_A_206	Mineral	38.655539	-118.633501
S_A_217	Mineral	38.554204	-118.166494
S_A_218	Mineral	38.549621	-118.165657
S_A_219	Mineral	38.535233	-118.15787
S_A_222	Mineral	38.543011	-118.162188
S_A_226	Mineral	38.265532	-118.012126
S_D_102	Mineral	38.834818	-118.819743
S_D_103	Mineral	38.835701	-118.821124
S_D_104	Mineral	38.840615	-118.829481
S_D_106	Mineral	38.843878	-118.834796
S_D_107	Mineral	38.847861	-118.841306
S_D_108	Mineral	38.851462	-118.847363
S_D_109a	Mineral	38.853598	-118.851494
S_D_109b	Mineral	38.783711	-118.656925
S_D_111	Mineral	38.77289	-118.653918
S_D_112	Mineral	38.747174	-118.646548
S_D_113	Mineral	38.568597	-118.431257
S_D_114	Mineral	38.563972	-118.421847
S_D_116	Mineral	38.562195	-118.418176
S_D_117	Mineral	38.560208	-118.414054
S_D_118	Mineral	38.557463	-118.408517
S_D_119	Mineral	38.555903	-118.405179
S_D_120	Mineral	38.553993	-118.401748
S_D_124	Mineral	38.553153	-118.386387
S_D_125	Mineral	38.553237	-118.369233
S_D_127	Mineral	38.554128	-118.18947
S_D_128	Mineral	38.554151	-118.185302
S_D_130	Mineral	38.554118	-118.178362
S_D_141	Mineral	38.372614	-118.07037
S_D_142	Mineral	38.36724	-118.067459
S_D_145	Mineral	38.347659	-118.056834
S_D_147	Mineral	38.344339	-118.055014
S_D_148	Mineral	38.33579	-118.050424
S_D_151	Mineral	38.33054	-118.047606
S_D_154	Mineral	38.318401	-118.04103
S_D_155	Mineral	38.317052	-118.040253
S_D_157	Mineral	38.309837	-118.036365

S_D_158	Mineral	38.303898	-118.033162
S_D-110	Mineral	38.76104	-118.650509
WW-5	Mineral	38.816469	-118.74208
NWW_B_173c	Nye	36.868805	-116.603979
NWW_B_173d	Nye	36.871178	-116.604064
NWW_B_173e	Nye	36.882579	-116.604435
NWW_B_173f	Nye	37.087452	-116.782746
S_A_324b	Nye	36.690341	-116.576747
S_A_324c	Nye	36.82543	-116.602662
S_A_324e	Nye	36.838541	-116.603091
S_A_324f	Nye	36.839633	-116.603125
S_A_324g	Nye	36.854704	-116.603605
S_A_324i	Nye	36.889481	-116.604677
S_A_324j	Nye	36.904644	-116.605135
S_A_324k	Nye	36.905163	-116.605133
S_A_324l	Nye	36.908098	-116.605241
S_A_324p	Nye	36.989652	-116.620543
S_A_324r	Nye	37.078507	-116.774744
S_B_132	Nye	36.578398	-115.938175
S_B_133	Nye	36.582564	-115.972191
S_B_134	Nye	36.58176	-115.979602
S_B_135	Nye	36.581017	-115.986487
S_B_137	Nye	36.626634	-116.348592
S_B_138	Nye	36.633815	-116.381781
S_B_139	Nye	36.634432	-116.384275
S_B_140	Nye	36.635028	-116.386676
S_B_141	Nye	36.635638	-116.389219
S_B_142	Nye	36.636593	-116.392945
S_B_143	Nye	36.637434	-116.396499
S_B_144	Nye	36.650862	-116.451202
S_B_145	Nye	36.651073	-116.451875
S_B_146	Nye	36.651457	-116.453686
S_B_147	Nye	36.661423	-116.494155
S_C_115	Nye	36.576778	-116.039605
S_C_116	Nye	36.560483	-116.102202
S_C_117	Nye	36.563092	-116.125561
S_C_118	Nye	36.563568	-116.130134
S_C_119	Nye	36.563932	-116.132751
S_C_120	Nye	36.564162	-116.135331
S_C_121	Nye	36.564676	-116.139546
S_C_123	Nye	36.565271	-116.14492
S_C_124	Nye	36.569464	-116.182043
S_C_125	Nye	36.571102	-116.192768
S_C_126	Nye	36.573464	-116.198305

S_C_127	Nye	36.577462	-116.207972
S_C_128	Nye	36.58436	-116.223997
S_C_129	Nye	36.587142	-116.230584
S_C_130	Nye	36.598389	-116.257106
S_C_131	Nye	36.599226	-116.259107
S_C_132	Nye	36.599994	-116.260964
S_C_133	Nye	36.602485	-116.266833
S_C_134	Nye	36.603412	-116.26902
S_C_135.1	Nye	36.654131	-116.464299
S_C_136	Nye	36.652818	-116.459035
S_C_139	Nye	36.657402	-116.477681
S_C_140	Nye	36.679071	-116.553007
S_C_141	Nye	36.683023	-116.561198
S_C_142	Nye	36.683774	-116.562876
S_C_147	Nye	37.400052	-117.164535
S_C_148	Nye	37.396732	-117.160069
S_C_149	Nye	37.395446	-117.158408
SB_B_160	Nye	37.351765	-117.108656
MacKay Fold	Storey	39.448369	-119.409192
NHD_146 (updated)	Storey	39.352002	-119.482845
NHD_73 (updated)	Storey	39.364189	-119.4814
NHD_86 (updated)	Storey	39.405544	-119.484073
NHD_98 (updated)	Storey	39.448675	-119.695878
Verify NHD 76	Storey	39.373708	-119.481345
Verify NHD 80	Storey	39.373128	-119.477098
Verify NHD 87	Storey	39.415268	-119.491865
WW_038	Storey	39.348956	-119.476695
WW_039	Storey	39.351841	-119.483416
WW_040	Storey	39.356102	-119.476868
WW_041	Storey	39.356878	-119.478719
WW_042	Storey	39.360549	-119.477983
WW_043	Storey	39.361785	-119.476972
WW_044	Storey	39.366672	-119.481458
WW_045	Storey	39.367001	-119.479771
WW_046	Storey	39.368299	-119.477114
WW_047	Storey	39.418648	-119.525569
WW_049	Storey	39.433729	-119.614998
WW_050	Storey	39.403554	-119.477932
WW_054	Storey	39.469315	-119.393408
WW_082	Storey	39.35927	-119.48134
WW-4	Storey	39.433001	-119.566305