APPROVED BY THE SOUTHERN NEVADA DISTRICT BOARD OF HEALTH
SEPTEMBER 25, 2025

MINUTES

SOUTHERN NEVADA DISTRICT BOARD OF HEALTH MEETING
August 28, 2025 – 9:00 a.m.
Meeting was conducted In-person and via Microsoft Teams
Southern Nevada Health District, 280 S. Decatur Boulevard, Las Vegas, NV 89107
Red Rock Trail Rooms A and B

MEMBERS PRESENT:	Scott Black, Chair – Mayor Pro Tem, City of North Las Vegas *(in-person)* Frank Nemec, Vice-Chair – At-Large Member, Physician *(in-person)* Joseph Hardy, Secretary – Mayor, City of Boulder City *(in-person)* April Becker – Commissioner, Clark County *(in-person)* Bobbette Bond – At-Large Member, Regulated Business/Industry *(via Teams)* Nancy Brune – Council Member, City of Las Vegas *(in-person)* Pattie Gallo – Mayor Pro Tem, City of Mesquite *(via Teams)* Marilyn Kirkpatrick – Commissioner, Clark County *(in-person)* Monica Larson – Council Member, City of Henderson *(in-person)* Scott Nielson – At-Large Member, Gaming *(in-person)* Shondra Summers-Armstrong – Council Member, City of Las Vegas *(in-person)*
ABSENT:	N/A
ALSO PRESENT: (In Audience)	Toluwanimi Babarinde, Al Bingham, Christopher Boyd, John Gonzalez, Cameron Pfand, Samuel Scheller
EXECUTIVE SECRETARY:	Cassius Lockett, PhD, District Health Officer
LEGAL COUNSEL:	Heather Anderson-Fintak, General Counsel
STAFF:	Elizabeth Adelman, Adriana Alvarez, Emily Anelli, Maria Azzarelli, Tanja Baldwin, Tawana Bellamy, Haley Blake, Cory Burgess, Daniel Burns, Victoria Burris, Nancy Cadena, Nicole Charlton, Arcmiguel Cordial, Andria Cordovez Mulet, Susie Crutchfield, Cherie Custodio, Gerard Custodio, Aaron DelCotto, Brandon Delise, Jason Frame, Kimberly Franich, Cheri Gould, Xavier Gonzales, Jacques Graham, Heather Hanoff, Valerie Herzog, Raychel Holbert, Rich Hosey, Carmen Hua, Dan Isler, Jessica Johnson, Matthew Kappel, Mikki Knowles, Dann Limuel Lat, Josie Llorico, Cassondra Major, Anil Mangla, Jonas Maratita, Blanca Martinez, Marco Mendez, Kimberly Monahan, Deborah Moran, Corey Morrison, Marites Navarro, Semilla Neal, Todd Nicolson, Veralynn Orewyler, Vanessa Ortiz-Rivera, Kyle Parkson, Katarina Pulver, Emma Rodriguez, Larry Rogers, Alexis Romero, Kim Saner, Aivelhyn Santos, Chris Saxton, Dave Sheehan, Karla Shoup, Jennifer Sizemore, Cameron Smelcer, Randy Smith, Angel Stachnik, Ronique Tatum-Penegar, Will Thompson, Rebecca Topol, Gred Tordjman, Jorge Viote, Anna Voeva, Donnie Whitaker, Tiana Wright, Edward Wynder, Merylyn Yegon, Ying Zhang

I. CALL TO ORDER and ROLL CALL

The Chair called the Southern Nevada District Board of Health Meeting to order at 9:02 a.m. Andria Cordovez Mulet, Executive Assistant, administered the roll call and confirmed quorum. Ms. Cordovez Mulet provided clear and complete instructions for members of the general public to call in to the meeting to provide public comment, including a telephone number and access code.

II. PLEDGE OF ALLEGIANCE

Member Nielson joined the meeting at 9:04 a.m.
Member Brune joined the meeting at 9:04 a.m.
Member Summers-Armstrong joined the meeting at 9:05 a.m.

III. OATH OF OFFICE

Ms. Cordovez Mulet administered the Officers' Oath of Office to Chair Black, Vice-Chair Nemec, and Secretary Hardy; and the Members' Oath of Office to Member Larson and Member Summers-Armstrong.

IV. RECOGNITIONS

1. In Memory of Douglas Dobyne

The Chair recognized the passing of Doug Dobyne, earlier this year, who was a former Board member from 2012 to 2018. Mr. Dobyne was an at-large member and served as the Vice-Chair of the Board for the 2017-2018 term. Mr. Dobyne was passionate about public health and left a generous donation to the Health District to support STD education and prevention. The Board wanted to recognize Mr. Dobyne for his donation and contributions to the Health District.

2. Victoria Burris and Angel Stachnik

- Co-authored the published article "*Individual- and Neighborhood- Level Predictors of HIV Care Continuum Progression: Clark County, Nevada*" in Open Forum Infectious Diseases of the Oxford University Press on behalf of Infectious Diseases Society of America

The Chair recognized Victoria Burris and Angel Stachnik for co-authoring the published article "*Individual- and Neighborhood- Level Predictors of HIV Care Continuum Progression: Clark County, Nevada*" in the Open Forum for Infectious Diseases of the Oxford University Press on behalf of the Infectious Diseases Society of America. This article investigated the HIV epidemic in Clark County, Nevada, to identify local predictors of progression along the HIV care continuum. The article highlighted the need for linking and engaging individuals in higher-poverty neighborhoods to medical providers and supports the need for targeted interventions in those same neighborhoods to increase viral suppression rates. On behalf of the Southern Nevada Health District and the Board of Health, the Chair congratulated staff on this publication.

3. **Southern Nevada Health District – August Employees of the Month**
   - Marites Navarro and Vanessa Ortiz-Rivera

   The Chair recognized the August Employees of the Month; Marites Navarro, Community Health Nurse in the Southern Nevada Community Health Center, and Vanessa Ortiz-Rivera, Senior Environmental Health Specialist. The Health District, and the Board of Health, recognized those employees that went above and beyond for the Health District and our community and that best represented the Health District's C.A.R.E.S. Values. On behalf of the Southern Nevada Health District and District Board of Health, the Chair congratulated staff on this recognition.

V. **FIRST PUBLIC COMMENT**: A period devoted to comments by the general public about those items appearing on the agenda. Comments will be limited to five (5) minutes per speaker. Please clearly state your name and address and spell your last name for the record. If any member of the Board wishes to extend the length of a presentation, this may be done by the Chair or the Board by majority vote.

Seeing no one, the Chair closed the First Public Comment period.

VI. **ADOPTION OF THE AUGUST 28, 2025 MEETING AGENDA** *(for possible action)*

A motion was made by Secretary Hardy, seconded by Member Brune, and carried unanimously to approve the August 28, 2025 Agenda, as amended.

VII. **CONSENT AGENDA**: Items for action to be considered by the Southern Nevada District Board of Health which may be enacted by one motion. Any item may be discussed separately per Board Member request before action. Any exceptions to the Consent Agenda must be stated prior to approval.

1. **APPROVE MINUTES/BOARD OF HEALTH MEETING:** July 24, 2025 *(for possible action)*

2. **PETITION #01-26: Approval of the Interlocal Agreement between the Southern Nevada Health District and the Division of Public and Behavioral Health Public Health Infrastructure and Improvement for the provision of state public health funding to support foundational public health services**; direct staff accordingly or take other action as deemed necessary *(for possible action)*

3. **PETITION #02-26: Approval of the Revisions to the Definition of Exempt Employee in the SNHD Employee Handbook**; direct staff accordingly or take other action as deemed necessary *(for possible action)*

4. **PETITION #03-26: Approval of the Revision to Bereavement Leave in the SNHD Employee Handbook**; direct staff accordingly or take other action as deemed necessary *(for possible action)*

A motion was made by Secretary Hardy, seconded by Member Kirkpatrick, and carried unanimously to approve the August 28, 2025 Consent Agenda, as presented.

VIII. PUBLIC HEARING / ACTION: Members of the public are allowed to speak on Public Hearing / Action items after the Board's discussion and prior to their vote. Each speaker will be given five (5) minutes to address the Board on the pending topic. No person may yield his or her time to another person. In those situations where large groups of people desire to address the Board on the same matter, the Chair may request that those groups select only one or two speakers from the group to address the Board on behalf of the group. Once the public hearing is closed, no additional public comment will be accepted.

1. **MEMORANDUM #01-26: Review and Approve the Environmental Health Business Impact Statement (BIS) for the Proposed 2025 Individual Sewage Disposal Systems (ISDS) and Liquid Waste Management Regulations and Proposed ISDS Operating Permit Fee**; direct staff accordingly or take other action as deemed necessary *(for possible action)*

   Dan Burns, Environmental Health Manager, and Daniel Isler, Environmental Health Engineer Supervisor, presented the Business Impact Statement on the proposed updates to the Individual Sewage Disposal System (ISDS) and Liquid Waste Management (LWM) Regulations, and a new five-year Operating Permit Fee.

   Mr. Isler explained that the last major update to ISDS and liquid waste regulations was in 2009, and the new proposal incorporates updated best practices, federal and state requirements, and administrative options for scenarios like undersized parcels. Mr. Isler proceeded to highlight the major proposed changes.

   Mr. Burns outlined the business impact survey process and results; the majority did not anticipate significant economic burden. Mr. Burns further outlined that the proposed five-year Operating Permit Fee, $226 per five-year permit cycle, was benchmarked against regional rates, found to be either lower or comparable. Further to an inquiry from Member Nielson, Mr. Burns confirmed that the proposed fee, if approved, would be incorporated into the Environmental Health Fee Schedule and include CPI increases.

   The Chair opened for Public Comment. Seeing no one, the Chair closed the period for Public Comment.

   A motion was made by Member Kirkpatrick, seconded by Member Bond, and carried unanimously to approve the Business Impact Statement on the Proposed 2025 Individual Sewage Disposal Systems (ISDS) and Liquid Waste Management Regulations and Proposed ISDS Operating Permit Fee, as presented.

IX. REPORT / DISCUSSION / ACTION

1. **PETITION #04-26: Approval of Board of Health delegation of authority to the District Health Officer or his designee for contracts in the amount up to $100,000**; direct staff accordingly or take other action as deemed necessary *(for possible action)*

   Heather Anderson-Fintak, General Counsel, presented a proposal to increase the delegation of authority to the District Health Officer, or his designee, for contract approvals from $50,000 to $100,000. Ms. Anderson-Fintak advised that the $50,000 threshold had been in place since

at least 2008. The increase by other local agencies to $100,000 prompted an administrative review of the Health District's current practice. Ms. Anderson-Fintak advised that the Health District has a very robust contract and procurement process that complies with state law, 2 CFR 200, and 45 CFR 75, depending on grant requirements.

Further to a comment from Member Summers-Armstrong, Ms. Anderson-Fintak confirmed that all contracts over $50,000 were reviewed and signed by herself or the Associate General Counsel.

Further to discussion, the Board requested that the Finance Committee discuss the need for ongoing oversight, suggesting quarterly reports on contracts between $50,000 and $100,000. It was agreed that at their next meeting the Finance Committee would establish criteria, and provide guidance to staff on establishing reports.

A motion was made by Member Nielson, seconded by Member Brune, and carried unanimously to approve the delegation of authority to the District Health Officer, or designee, to approve contracts up to $100,000 without requiring the approval of the Southern Nevada District Board of Health.

X. BOARD REPORTS: The Southern Nevada District Board of Health members may identify and comment on Health District related issues. Comments made by individual Board members during this portion of the agenda will not be acted upon by the Southern Nevada District Board of Health unless that subject is on the agenda and scheduled for action. ***(Information Only)***

Member Kirkpatrick raised the issue of short-term rentals and requested a future presentation on the potential role of the Health District in implementing inspections for short-term rentals, including any cost-recovery fees.

In addition, Member Summers-Armstrong requested the future presentation to address inspection practices and habitability standards for apartment complexes, considering increased concerns about mold.

Vice-Chair Nemec left the meeting at 9:49 a.m.

Further, the Board discussed the current lack of legislative authority to address mold in apartments and requested that the Health District explore available legal options or possible new legislation.

Vice-Chair Nemec returned to the meeting at 9:51 a.m.

XI. HEALTH OFFICER & STAFF REPORTS *(Information Only)*

- DHO Comments

In addition to the written report, Dr. Lockett thanked the Governor for the $10.7M State Public Health Fund, which is a line item in the state budget. Dr. Lockett reported that the $10.7M, which would be spread out over a couple of years, would support a new agreed-upon responsibility in collaboration with the State Department of Public and Behavioral Health for investigating and reducing multidrug-resistant organisms in healthcare facilities. The State

Public Health Fund would also support the Health District in disease surveillance, laboratory capacity, and data analysis.

Dr. Lockett advised that on August 7th there was a single measles detection in wastewater, with no confirmed cases and follow-up testing was negative. With the start of the new school year, Dr. Lockett outlined the Health District's procedures to respond to any school-based cases. Dr. Lockett reiterated that measles is a highly contagious disease and advised that the Health District continues to urge vaccinations.

Dr. Lockett advised that on July 29th the Health District detected the first West Nile Virus positive mosquito pool and issued a reminder of the Fight the Bite campaign, by eliminating standing water and protecting against mosquito bites. Dr. Lockett noted that the human cases of West Nile Vile have fluctuated over the years.

- Update on Mosquito Surveillance and West Nile Virus

Vivek Raman, Environmental Health Supervisor, presented an update on mosquito surveillance and West Nile Virus. Mr. Raman detailed the fluctuating levels of West Nile virus in Clark County, the robust mosquito surveillance program, and the ongoing spread of *Aedes aegypti* mosquitoes, with public education emphasized.

Member Larson left the meeting at 10:03 a.m.

Further to an inquiry from Vice-Chair Nemec, Dr. Lockett described mechanisms for communicating emerging health threats to clinicians, including targeted health alerts and multi-source surveillance reports, to ensure timely response to new risks.

Member Larson returned to the meeting at 10:05 a.m.

The Board further discussed the lack of coordinated regional mosquito abatement, recent pilot efforts in North Las Vegas and Wetlands Park, and the need to expand and pre-plan abatement activities for future seasons.

XII. INFORMATIONAL ITEMS

1. Letter from the City of Henderson reappointing Councilwoman Monica Larson as member of the Southern Nevada District Board of Health, and reappointing Holly Lyman as the Public Health Advisory Board representative, both for the term July 1, 2025 – June 30, 2027.

2. Monthly Reports
   A. Administration Division Monthly Activity Report
   B. Community Health Division Monthly Activity Report
   C. Community Health Center (FQHC) Division Monthly Report
   D. Disease Surveillance and Control Division Monthly Activity Report
   E. Environmental Health Division Monthly Activity Report
   F. Public Health & Preventive Care Division Monthly Activity Report

XIII. SECOND PUBLIC COMMENT: A period devoted to comments by the general public, if any, and discussion of those comments, about matters relevant to the Board's jurisdiction will be held. Comments will be limited to five (5) minutes per speaker. If any member of the Board wishes to extend the length of a presentation, this may be done by the Chair or the Board by majority vote.

Seeing no one, the Chair closed the Second Public Comment portion.

XIV. ADJOURNMENT

The Chair adjourned the meeting at 10:10 a.m.

Cassius Lockett, PhD
District Health Officer/Executive Secretary
/acm

AGENDA

SOUTHERN NEVADA DISTRICT BOARD OF HEALTH MEETING
August 28, 2025 – 9:00 A.M.
Meeting will be conducted In-person and via Microsoft Teams
Southern Nevada Health District, 280 S. Decatur Boulevard, Las Vegas, NV 89107
Red Rock Trail Conference Room

NOTICE

Microsoft Teams:
https://events.teams.microsoft.com/event/700a01da-5b95-4036-b668-d4fbc6336e8f@1f318e99-9fb1-41b3-8c10-d0cab0e9f859

To call into the meeting, dial (702) 907-7151 and enter Phone Conference ID: 531 099 549#

NOTE:
- Agenda items may be taken out of order at the discretion of the Chair.
- The Board may combine two or more agenda items for consideration.
- The Board may remove an item from the agenda or delay discussion relating to an item on the agenda at any time.

I. CALL TO ORDER AND ROLL CALL

II. PLEDGE OF ALLEGIANCE

III. OATH OF OFFICE

IV. RECOGNITIONS

1. **In Memory of Douglas Dobyne**

2. **Victoria Burris and Angel Stachnik**
   - Co-authored the published article "*Individual- and Neighborhood- Level Predictors of HIV Care Continuum Progression: Clark County, Nevada*" in Open Forum Infectious Diseases of the Oxford University Press on behalf of Infectious Diseases Society of America

3. **Southern Nevada Health District – August Employees of the Month**
   - Marites Navarro and Vanessa Ortiz-Rivera

V. FIRST PUBLIC COMMENT: A period devoted to comments by the general public about those items appearing on the agenda. Comments will be limited to five (5) minutes per speaker. Please clearly state and spell your name for the record. If any member of the Board wishes to extend the length of a presentation, this may be done by the Chair or the Board by majority vote. **There will**

be two public comment periods. To submit public comment on either public comment period on individual agenda items or for general public comments:

- **By Teams:** Use the Teams link above. You will be able to provide real-time chatroom messaging, which can be read into the record or by raising your hand. Unmute your microphone prior to speaking.
- **By telephone:** Call 702-907-7151 and when prompted to provide the Meeting ID, enter 531 099 549#. To provide public comment over the telephone, please press *5 during the comment period and wait to be called on.
- **By email:** public-comment@snhd.org. For comments submitted prior to and during the live meeting, include your name, zip code, the agenda item number on which you are commenting, and your comment. Please indicate whether you wish your email comment to be read into the record during the meeting or added to the backup materials for the record. If not specified, comments will be added to the backup materials.

VI. ADOPTION OF THE AUGUST 28, 2025 AGENDA *(for possible action)*

VII. CONSENT AGENDA: Items for action to be considered by the Southern Nevada District Board of Health which may be enacted by one motion. Any item may be discussed separately per Board Member request before action. Any exceptions to the Consent Agenda must be stated prior to approval.

1. **APPROVE MINUTES/BOARD OF HEALTH MEETING:** July 24, 2025 *(for possible action)*

2. **PETITION #01-26: Approval of the Interlocal Agreement between the Southern Nevada Health District and the Division of Public and Behavioral Health Public Health Infrastructure and Improvement for the provision of state public health funding to support foundational public health services**; direct staff accordingly or take other action as deemed necessary *(for possible action)*

3. **PETITION #02-26: Approval of the Revisions to the Definition of Exempt Employee in the SNHD Employee Handbook**; direct staff accordingly or take other action as deemed necessary *(for possible action)*

4. **PETITION #03-26: Approval of the Revision to Bereavement Leave in the SNHD Employee Handbook**; direct staff accordingly or take other action as deemed necessary *(for possible action)*

VIII. PUBLIC HEARING / ACTION: Members of the public are allowed to speak on Public Hearing / Action items after the Board's discussion and prior to their vote. Each speaker will be given five (5) minutes to address the Board on the pending topic. No person may yield his or her time to another person. In those situations where large groups of people desire to address the Board on the same matter, the Chair may request that those groups select only one or two speakers from the group to address the Board on behalf of the group. Once the public hearing is closed no additional public comment will be accepted.

1. **MEMORANDUM #01-26: Review and Approve the Environmental Health Business Impact Statement (BIS) for the Proposed 2025 Individual Sewage Disposal Systems (ISDS) and Liquid Waste Management Regulations and Proposed ISDS Operating Permit Fee**; direct staff accordingly or take other action as deemed necessary *(for possible action)*

IX. REPORT / DISCUSSION / ACTION

1. **PETITION #04-26: Approval of Board of Health delegation of authority to the District Health Officer or his designee for contracts in the amount up to $100,000**; direct staff accordingly or take other action as deemed necessary *(for possible action)*

X. BOARD REPORTS: The Southern Nevada District Board of Health members may identify and comment on Health District related issues. Comments made by individual Board members during this portion of the agenda will not be acted upon by the Southern Nevada District Board of Health unless that subject is on the agenda and scheduled for action. *(Information Only)*

XI. HEALTH OFFICER & STAFF REPORTS *(Information Only)*

- DHO Comments
- Update on Mosquito Surveillance and West Nile Virus

XII. INFORMATIONAL ITEMS

1. Letter from the City of Henderson reappointing Councilwoman Monica Larson as member of the Southern Nevada District Board of Health, and reappointing Holly Lyman as the Public Health Advisory Board representative, both for the term July 1, 2025 – June 30, 2027.

2. Monthly Reports
   A. Administration Division Monthly Activity Report
   B. Community Health Division Monthly Activity Report
   C. Community Health Center (FQHC) Division Monthly Report
   D. Disease Surveillance and Control Division Monthly Activity Report
   E. Environmental Health Division Monthly Activity Report
   F. Public Health & Preventive Care Division Monthly Activity Report

XIII. SECOND PUBLIC COMMENT: A period devoted to comments by the general public, if any, and discussion of those comments, about matters relevant to the Board's jurisdiction will be held. Comments will be limited to five (5) minutes per speaker. If any member of the Board wishes to extend the length of a presentation, this may be done by the Chair or the Board by majority vote. **See above for instructions for submitting public comment.**

XIV. ADJOURNMENT

NOTE: Disabled members of the public who require special accommodations or assistance at the meeting are requested to notify the Administration Office at the Southern Nevada Health District by calling (702) 759-1201.

THIS AGENDA HAS BEEN PUBLICLY NOTICED on the Southern Nevada Health District's Website at https://snhd.info/meetings, the Nevada Public Notice website at https://notice.nv.gov, and a copy will be provided to any person who has requested one via U.S mail or electronic mail. All meeting notices include the time of the meeting, access instructions, and the meeting agenda. For copies of agenda backup material, please contact the Administration Office at 280 S. Decatur Blvd., Las Vegas, NV 89107 or (702) 759-1201.

MINUTES

SOUTHERN NEVADA DISTRICT BOARD OF HEALTH MEETING
July 24, 2025 – 9:00 a.m.
Meeting was conducted In-person and via Microsoft Teams
Southern Nevada Health District, 280 S. Decatur Boulevard, Las Vegas, NV 89107
Red Rock Trail Rooms A and B

MEMBERS PRESENT:	Marilyn Kirkpatrick, Chair – Commissioner, Clark County *(in-person)* Scott Nielson, Vice-Chair – At-Large Member, Gaming *(via Teams)* Nancy Brune, Secretary – Council Member, City of Las Vegas *(via Teams)* April Becker – Commissioner, Clark County *(in-person)* Scott Black – Mayor Pro Tem, City of North Las Vegas *(in-person)* Bobbette Bond – At-Large Member, Regulated Business/Industry *(in-person)* Pattie Gallo – Mayor Pro Tem, City of Mesquite *(via Teams)* Joseph Hardy – Mayor, City of Boulder City *(in-person)* Monica Larson – Council Member, City of Henderson *(via Teams)* Frank Nemec – At-Large Member, Physician *(in-person)*
ABSENT:	Shondra Summers-Armstrong – Council Member, City of Las Vegas
ALSO PRESENT: (In Audience)	Victoria Abramowi, Linda Anderson, Toluwanimi Babarinde, Christopher Boyd, Cynthia Corso, Tiffany Corso, Aika Dietz, Cade Grogan, Megan Quintana, Evan Sommer
EXECUTIVE SECRETARY:	Cassius Lockett, PhD, District Health Officer
LEGAL COUNSEL:	Heather Anderson-Fintak, General Counsel
STAFF:	Adriana Alvarez, Emily Anelli, Tonia Atencio, Jacqueline Ayala, Maria Azzarelli, Sean Beckham, Tawana Bellamy, Haley Blake, Amanda Brown, Lori Bryan, Nicole Bungum, Cory Burgess, Daniel Burns, Nikki Burns-Savage, Nancy Cadena, Belen Campos-Garcia, Nicole Charlton, Melissa Constantin, Andria Cordovez Mulet, Rebecca Cruz-Nanez, Liliana Davalos, Aaron DelCotto, Amanda DiGoregorio, Lauren DiPrete, Tabby Eddleman, Rayleen Earney, Lisa Falkner, Xavier Foster, Jason Frame, Kimberly Franich, Nicholas Gabler, Joe Ginty, Xavier Gonzales, Jacques Graham, Roberto Griffin, Heather Hanoff, Maria Harris, Amineh Harvey, Richard Hazeltine, Valerie Herzog, Raychel Holbert, Carmen Hua, Dan Isler, Danielle Jamerson, Jessica Johnson, Theresa Ladd, Heidi Laird, Dann Limuel Lat, Josie Llorico, Randy Luckett, Sandy Luckett, Cassondra Major, Anil Mangla, Blanca Martinez, Eric Matesen, Marco Mendez, Kimberly Monahan, Deborah Moran, Kristina Moreno, Corey Morrison, Todd Nicolson, Semilla Neal, Brian Northam, Kyle Parkson, Neleida Pelaez, Lilliana Posocco, Luann Province, Emma Rodriguez, Larry Rogers, Alexis Romero, Kim Saner, Chris Saxton, Dave Sheehan, Karla Shoup, Cameron Smelcer, Randy Smith, Angel Stachnik, Ronique Tatum-Penegar, Candyce Taylor, Rebecca Topol, Greg Tordjman, Danielle Torres, Renee

DRAFT

Trujillo, Shylo Urzi, Jorge Viote, Donnie Whitaker, Edward Wynder, Lourdes Yapjoco, Ying Zhang

I. CALL TO ORDER and ROLL CALL

The Chair called the Southern Nevada District Board of Health Meeting to order at 9:02 a.m. Andria Cordovez Mulet, Executive Assistant, administered the roll call and confirmed quorum. Ms. Cordovez Mulet provided clear and complete instructions for members of the general public to call in to the meeting to provide public comment, including a telephone number and access code.

II. PLEDGE OF ALLEGIANCE

III. OATH OF OFFICE

Ms. Cordovez Mulet administered the Oath of Office to Member Becker, Member Black, Member Brune, Member Gallo, Member Hardy and Member Kirkpatrick.

IV. RECOGNITIONS

1. **Tabby Eddleman, Heidi Laird, Dr. Cassius Lockett, Dr. Jessica A. Penney, Dr. Cheryl Radeloff, Angel Stachnik and Dr. Ying Zhang**
   - Co-authored the published article "*Missed Opportunities for Congenital Syphilis Prevention — Clark County, Nevada, 2017–2022*" in the CDC Morbidity and Mortality Weekly Report (MMWR)

   The Chair recognized Tabby Eddleman, Heidi Laird, Dr. Cassius Lockett, Dr. Jessica A. Penney, Dr. Cheryl Radeloff, Angel Stachnik and Dr. Ying Zhang for co-authoring the published article "*Missed Opportunities for Congenital Syphilis Prevention — Clark County, Nevada, 2017–2022*" in the CDC Morbidity and Mortality Weekly Report. Health District surveillance data on syphilis cases identified in pregnant females during 2017–2022 were analyzed to identify missed opportunities for congenital syphilis prevention in Clark County. It was noted that the lack of prenatal care was a barrier to timely syphilis testing and treatment, and that encounters in nontraditional settings such as emergency departments, could provide an opportunity for timely testing and, if linked to timely treatment, might help prevent congenital syphilis. On behalf of the Southern Nevada Health District and District Board of Health, the Chair congratulated staff on this publication.

2. **Southern Nevada Health District – July Employees of the Month**
   - Tonia Atencio and Kristina Moreno

   The Chair recognized the July Employees of the Month; Tonia Atencio, Community Health Worker in the Southern Nevada Community Health Center, and Kristina Moreno, Environmental Health Specialist II. The Health District, and the Board of Health, recognized those employees that went above and beyond for the Health District and our community and that best represented the Health District's C.A.R.E.S. Values. On behalf of the Southern Nevada Health District and District Board of Health, the Chair congratulated staff on this recognition.

DRAFT

3. **Southern Nevada Health District – Manager & Supervisor of the Quarter**
   - Lauren DiPrete and Corey Morrison

   The Chair recognized the Manager and Supervisor of the Quarter; Lauren DiPrete, Environmental Health Supervisor, and Corey Morrison, Facilities Manager. Each quarter two individuals are selected, as nominated by staff, to recognize leadership, teamwork efforts, ideas, or accomplishments, and best represent the Health District's C.A.R.E.S. Values. On behalf of the Southern Nevada Health District and District Board of Health, the Chair congratulated staff on this recognition.

V. **FIRST PUBLIC COMMENT**: A period devoted to comments by the general public about those items appearing on the agenda. Comments will be limited to five (5) minutes per speaker. Please clearly state your name and address and spell your last name for the record. If any member of the Board wishes to extend the length of a presentation, this may be done by the Chair or the Board by majority vote.

Seeing no one, the Chair closed the First Public Comment period.

VI. **ADOPTION OF THE JULY 24, 2025 MEETING AGENDA** *(for possible action)*

A motion was made by Member Hardy, seconded by Member Nemec, and carried unanimously to approve the July 24, 2025 Agenda, as amended.

VII. **CONSENT AGENDA**: Items for action to be considered by the Southern Nevada District Board of Health which may be enacted by one motion. Any item may be discussed separately per Board Member request before action. Any exceptions to the Consent Agenda must be stated prior to approval.

1. **APPROVE MINUTES/BOARD OF HEALTH MEETING:** June 26, 2025 *(for possible action)*

A motion was made by Member Hardy, seconded by Member Black, and carried unanimously to approve the July 24, 2025 Consent Agenda, as presented.

VIII. **PUBLIC HEARING / ACTION:** Members of the public are allowed to speak on Public Hearing / Action items after the Board's discussion and prior to their vote. Each speaker will be given five (5) minutes to address the Board on the pending topic. No person may yield his or her time to another person. In those situations where large groups of people desire to address the Board on the same matter, the Chair may request that those groups select only one or two speakers from the group to address the Board on behalf of the group. Once the public hearing is closed, no additional public comment will be accepted.

There were no items heard.

DRAFT

IX. REPORT / DISCUSSION / ACTION

1. **Receive, Discuss and Approve the Officers (Chair, Vice-Chair and Secretary) of the Southern Nevada District Board of Health for a One Year Term Beginning July 1, 2025**; direct staff accordingly or take other action as deemed necessary *(for possible action)*

   The summary of the nomination and interest forms regarding the officer positions for the Board of Health was presented. After discussion, the following motion was made:

   A motion was made by Member Kirkpatrick, seconded by Member Hardy, and carried unanimously to approve the appointment of Scott Black as Chair, Frank Nemec as Vice-Chair, and Joe Hardy as Secretary for the Southern Nevada District Board of Health for FY2026.

2. **Receive, Discuss and Approve the Officers (Chair and Vice-Chair) of the Public Health Advisory Board for a One Year Term Beginning July 1, 2025**; direct staff accordingly or take other action as deemed necessary *(for possible action)*

   The summary of the nomination and interest forms regarding the Public Health Advisory Board was presented. After discussion, the following motion was made:

   A motion was made by Member Hardy, seconded by Member Black, and carried unanimously to approve the appointment of Kenneth Osgood as Chair, and Susan VanBeuge as Vice-Chair for the Southern Nevada District Board of Health Public Health Advisory Board for FY2026.

3. **Presentation from Aika Dietz, Student Attorney, UNLV William S. Boyd School of Law, Poverty Law, and Policy Clinic, on Long-Term COVID-19 in Congregate Housing in Clark County**; direct staff accordingly or take other action as deemed necessary *(for possible action)*

   Aika Dietz, Student Attorney with the Poverty Law and Policy Clinic at the UNLV William S. Boyd School of Law, presented the Clark County commissioned research paper on Long-Term COVID-19 in Congregate Housing. Ms. Dietz advised that the research project was commissioned by Commissioner Tick Segerblom to provide options on how to better support homeless individuals.

   The Chair requested clarification of the information presented as the data was countrywide as opposed to data specific to southern Nevada. The Chair noted that there were no longer many congregate shelters in southern Nevada. Ms. Dietz advised that the research paper addressed the lack of specific data on long COVID in Nevada, particularly in southern Nevada and Clark County. A proposed long-term solution was to better understand the local impact of long COVID by: (i) collecting and tracking state- and county-specific data, (ii) training healthcare providers, (iii) raising public awareness, and (iv) coordinating with workforce, housing, and healthcare sectors. Ms. Dietz advised that a key recommendation was to establish a dedicated long COVID task force in Clark County, involving the health department, medical professionals, universities, housing, and workforce agencies, and long COVID patients. The task force could monitor cases, assess community needs, and guide future interventions.

DRAFT

Member Nemec commented that there was currently limited understanding of Long COVID prevalence in the community, especially as symptoms like fatigue overlap with other pre-existing conditions. The widespread presence of COVID antibodies further complicates diagnosis. A focused study—ideally involving collaboration between the School of Medicine, the Health District, and the Poverty Law and Policy Clinic—would be valuable in clarifying these issues and guiding effective responses.

Member Hardy noted that diagnosing Long COVID as complex due to symptoms overlapping with other conditions, and that focus should shift toward actionable solutions—what treatments are effective and what can be done to help. A streamlined list of evidence-based interventions would be more valuable than an exhaustive list of symptoms. Member Hardy requested a copy of the presentation and suggested it be shared to support broader awareness and understanding.

Member Bond expressed support in Member Nemec's comments regarding further investigation. Member Bond noted that many individuals with long COVID struggle to be taken seriously and simply knowing that there is support and a commitment to understanding this condition can make a significant difference.

Member Gallo commented, from being based in a senior community, that she has noticed a surprising number of residents being diagnosed with Lyme disease. Given the significant impact COVID-19 had in the Mesquite area, Member Gallo wondered if some of the cases might be misdiagnosed. Ms. Dietz responded, as Member Nemec noted, that diagnosing long COVID often involved a process of exclusion, with conditions like Lyme disease identified first. Ms. Dietz noted that nationally, this pattern of misdiagnosis was recognized, though it was unclear whether the same trend was occurring in Nevada.

The Chair noted that forming new task forces for long COVID research was challenging due to statewide financial constraints, however there were opportunities to build on existing community efforts. The Chair advised that, for example, during the pandemic, a group of Asian community physicians and UMC created a learning-focused initiative, which could potentially be re-engaged. Additionally, UNLV's medical school could be approached to incorporate long COVID into continuing education or awareness programs. The Chair further noted that the key challenge remained data collection. The Chair suggested that by asking targeted questions—such as how many times an individual has had COVID—could help identify patterns, especially among those who experienced multiple infections and vaccinations. The Chair commented that if specific data points were identified, intake forms could be updated to support more effective tracking and research. Ms. Dietz confirmed that she will prepare supplemental information and provide it to the Chair. Member Bond noted that direct engagement with patients experiencing long COVID could offer critical insights that quantitative data alone may not capture. The Chair confirmed that she would work with UMC to send a notice to their patients on whether they would be interested in being part of a study.

DRAFT

X. BOARD REPORTS: The Southern Nevada District Board of Health members may identify and comment on Health District related issues. Comments made by individual Board members during this portion of the agenda will not be acted upon by the Southern Nevada District Board of Health unless that subject is on the agenda and scheduled for action. ***(Information Only)***

There were no items raised.

XI. HEALTH OFFICER & STAFF REPORTS *(Information Only)*

- DHO Comments

In addition to the written report, Dr. Lockett advised that the first West Nile virus-positive mosquito has been identified this season, which was detected in 1 of 38 mosquitoes in one pool tested. Dr. Lockett noted that it may indicate a delayed onset of activity, but it was a development worth monitoring closely.

Dr. Lockett advised that the Health District officially closed separate *Legionella* outbreaks at The Grandview and South Point facilities, with final reports pending. Additionally, the number of travel-associated Legionnaires' disease cases linked to Harrah's Laughlin has increased to three, all of whom were hospitalized—two have recovered, and one remains hospitalized at the time it was reported. Environmental sampling at the facility returned multiple positive results, and remediation efforts were underway. Separately, the Health District was investigating two cases of Legionnaires' disease at Harrah's Las Vegas that were reported within the past 12 months. Dr. Lockett advised that, while this was not classified as an outbreak, testing was ongoing, and results were pending.

Dr. Lockett advised that on July 14, 2025, the US Department of Health and Human Services issued a significant reinterpretation of the Personal Responsibility and Work Opportunity Reconciliation Act (PRWORA), that was first enacted in 1996. The new policy reclassified several Department of Health and Human Services programs as Federal Public Benefits, including Federally Qualified Health Centers (FQHC) and Title X Family Planning, which would restrict access for undocumented individuals to these programs. Dr. Lockett advised that the Health District was monitoring the potential impact on the Southern Nevada Community Health Center (SNCHC) patients. Dr. Lockett noted that three service categories remained exempt: (i) immunizations, (ii) communicable disease screening and testing, and (iii) emergency Medicaid. Dr. Lockett noted an unintended consequence of this new policy could be an increase in emergency department visits. Dr. Lockett noted that the Health District was committed to protecting public health and will continue to serve all individuals regardless of immigration status within the boundaries allowed by federal and state law. Randy Smith, Chief Executive Officer of the SNCHC, confirmed that of the SNCHC uninsured patient population, there was no specific knowledge of their immigration status. Mr. Smith confirmed that federal resources could not be used to serve undocumented patient. Mr. Smith advised that the SNCHC generates program income from billable services. The Board expressed concern about the new policy and requested regular updates. Dr. Lockett advised that the sliding fee schedule would still apply if we were to use other funding sources that were not federal funding sources. Dr. Lockett further advised that also due to these restrictions, 340B discounts would no longer apply, which would mean increased drug prices. The Chair commented on the need for a payer mix and expressed concern about the potential impact of this new policy. The Chair confirmed that the Board would be committed to retaining the SNCHC. Dr. Lockett was confident in ensuring the community will continue to be vaccinated

and screened for communicable disease, through the Public Health and Preventive Care Division and Disease Surveillance and Control Division. Dr. Lockett advised that Mr. Smith was in communication with the Nevada Primary Care Association, which was actively discussing this issue. The Chair requested a written update in approximately two weeks, along with regular updates as they become available. Further to Member Nemec's request regarding the messaging to the public, Mr. Smith advised that staff were currently working on the response, which will emphasize the public health implications. Further to an inquiry from Member Hardy, Mr. Smith advised that as SNCHC was within the Health District, it would be required to assess eligibility. Dr. Lockett confirmed that he directed the Deputy District Health Officer-Administration to review the financial implications. Dr. Lockett confirmed that he will update the Board as information becomes available. Further, Dr. Lockett agreed to speak with other local health authorities that also have FQHCs.

- Rising Temperatures: Rising Responsibilities – How SNHD Safeguards Staff from Heat Illness

  Ruby Rosano, Safety Officer, provided an overview of the Health District's efforts in protecting employees working in high heat conditions.

  The Chair noted that the Health District's main facility was located on a heat island, where surrounding asphalt contributes to temperatures rising by 10–15 degrees. Previous evaluations suggested misting systems as a cooling solution were not supported by the water district. Alternative strategies, such as cool paving or increased tree coverage, should be explored. These could improve conditions for employees and clients walking long distances across the parking lot. If a list of viable options was available, the Chair agreed to assist in identifying potential grant opportunities to support implementation.

  Ms. Rosano advised that any ideas would be shared through Dr. Lockett. Ms. Rosano further advised that some programs have already implemented effective strategies, particularly with back-to-school immunizations. For instance, the Red Rock Conference Room has been utilized as an indoor waiting area to avoid long outdoor lines. The teams have demonstrated a proactive approach, consistently exploring practical solutions. Dr. Lockett confirmed that staff will develop a wish list to share with the Board.

- Barbershop Health Outreach Project (BSHOP) and Beauty Shop Outreach Project (BeSHOP)

  Amineh Harvey, Senior Health Educator, provided an overview of the Barbershop Health Outreach Project (BSHOP) and Beauty Shop Outreach Project (BeSHOP). This presentation was a request from Member Summers-Armstrong.

XII. INFORMATIONAL ITEMS

1. Board of Health and Public Health Advisory Board
   A. Letter from the City of Boulder City reappointing Mayor Joe Hardy as member of the Southern Nevada District Board of Health and reappointing Paul Klouse as the Public Health Advisory Board representative, both for the term July 1, 2025 – June 30, 2027.
   B. Letter from Clark County reappointing Commissioner Marilyn Kirkpatrick and Commissioner April Becker as members of the Southern Nevada District Board of Health, both for the term July 1, 2025 – June 30, 2027.

C. Letters from the City of Las Vegas reappointing Councilwoman Nancy Brune and Councilwoman Shondra Summers-Armstrong as members of the Southern Nevada District Board of Health, and reappointing Jennifer Young as the Public Health Advisory Board representative, all for the term July 1, 2025 – June 30, 2027.
D. Letters from the City of Mesquite reappointing Councilwoman Pattie Gallo as member of the Southern Nevada District Board of Health for the term July 1, 2023 – June 30, 2025.
E. Letters from the City of North Las Vegas reappointing Mayor Pro Tempore Scott Black as member of the Southern Nevada District Board of Health, for the term July 1, 2025 – November 30, 2026, and reappointing Ronald Kline as the Public Health Advisory Board representative, both for the term July 1, 2025 – June 30, 2027.

2. Monthly Reports
   A. Administration Division Monthly Activity Report
   B. Community Health Division Monthly Activity Report
   C. Community Health Center (FQHC) Division Monthly Report
   D. Disease Surveillance and Control Division Monthly Activity Report
   E. Environmental Health Division Monthly Activity Report
   F. Public Health & Preventive Care Division Monthly Activity Report

XIII. SECOND PUBLIC COMMENT: A period devoted to comments by the general public, if any, and discussion of those comments, about matters relevant to the Board's jurisdiction will be held. Comments will be limited to five (5) minutes per speaker. If any member of the Board wishes to extend the length of a presentation, this may be done by the Chair or the Board by majority vote.

Seeing no one, the Chair closed the Second Public Comment portion.

XIV. ADJOURNMENT

The Chair adjourned the meeting at 10:51 p.m.

Cassius Lockett, PhD
District Health Officer/Executive Secretary
/acm

DRAFT

APPROVED BY THE SOUTHERN NEVADA DISTRICT BOARD OF HEALTH
AUGUST 28, 2025

Southern Nevada Health District

TO: **SOUTHERN NEVADA DISTRICT BOARD OF HEALTH** **DATE:** **August 28, 2025**

RE: *Approval of the Interlocal Agreement between the Southern Nevada Health District and the Division of Public and Behavioral Health Public Health Infrastructure and Improvement*

PETITION #01-26

That the Southern Nevada District Board of Health *approve the Interlocal Agreement between the Southern Nevada Health District and the Division of Public and Behavioral Health Public Health Infrastructure and Improvement for the provision of state public health funding to support foundational public health services.*

PETITIONERS:

Cassius Lockett, PhD, *District Health Officer*
Kim Saner, JD, *Deputy District Health Officer - Administration* KS
Donnie Whitaker, *Chief Financial Officer* DW
Jennifer Sizemore, *Chief Communications Officer* JS
Emma Rodriguez, *Communications and Legislative Affairs Administrator* ER

DISCUSSION:

The proposed Interlocal Agreement provides the Southern Nevada Health District with flexible state public health funding to strengthen local capacity in key areas, including the implementation of the Healthcare Acquired Infection Prevention and Control (HAI) Program and maintenance of epidemiology and laboratory capacity.

FUNDING:

This agreement provides $10,786,480 in state public health funding for the period of July 1, 2025, through June 30, 2027. The total award is split evenly between the two fiscal years, with $5,393,240 allocated for each fiscal year. Any unspent funds will be reverted to the state at the close of each fiscal year.

CETS #:	30773
Agency Reference #:	C 18598

INTERLOCAL CONTRACT BETWEEN PUBLIC AGENCIES

A Contract Between the State of Nevada
Acting by and through its

Public Entity #1:	**Division of Public and Behavioral Health** **Public Health Infrastructure and Improvement**
Address:	**10375 Professional Circle**
City, State, Zip Code:	**Reno, Nevada 89521**
Contact:	**Mitch DeValliere, Agency Manager**
Phone:	**775-684-4200**
Fax:	**N/A**
Email:	**DPBHPHII@health.nv.gov**

Public Entity #2:	**Southern Nevada Health District**
Address:	**280 S. Decatur Blvd.**
City, State, Zip Code:	**Las Vegas, Nevada 89107**
Contact:	**Donnie Whitaker, Chief Financial Officer**
Phone:	**702-759-1540**
Fax:	**702-759-1478**
Email:	**Ar@snhd.org / whitakerd@snhd.org**

WHEREAS, NRS 277.180 authorizes any one or more public agencies to contract with any one or more other public agencies to perform any governmental service, activity or undertaking which any of the public agencies entering into the contract is authorized by law to perform; and

WHEREAS, it is deemed that the services hereinafter set forth are both necessary and in the best interests of the State of Nevada.

NOW, THEREFORE, in consideration of the aforesaid premises, the parties mutually agree as follows:

1. **REQUIRED APPROVAL.** This Contract shall not become effective until and unless approved by appropriate official action of the governing body of each party.

2. **DEFINITIONS**

TERM	DEFINITION
State	The State of Nevada and any State agency identified herein, its officers, employees and immune contractors.
Contracting Entity	The public entities identified above.
Fiscal Year	The period beginning July 1st and ending June 30th of the following year.
Contract	Unless the context otherwise requires, 'Contract' means this document titled Interlocal Contract Between Public Agencies and all Attachments or Incorporated Documents.

3. **CONTRACT TERM.** This Contract shall be effective as noted below, unless sooner terminated by either party as specified in ***Section 4, Termination***.

CETS #:	**30773**
Agency Reference #:	**C 18598**

Effective From:	Upon Approval	To:	June 30, 2027

4. **TERMINATION**. This Contract may be terminated by either party prior to the date set forth in ***Section 3, Contract Term***, provided that a termination shall not be effective until **30** days after a party has served written notice upon the other party. This Contract may be terminated by mutual consent of both parties or unilaterally by either party without cause. The parties expressly agree that this Contract shall be terminated immediately if for any reason State and/or federal funding ability to satisfy this Contract is withdrawn, limited, or impaired.

5. **NOTICE**. All communications, including notices, required or permitted to be given under this Contract shall be in writing and directed to the parties at the addresses stated above. Notices may be given: (a) by delivery in person; (b) by a nationally recognized next day courier service, return receipt requested; or (c) by certified mail, return receipt requested. If specifically requested by the party to be notified, valid notice may be given by facsimile transmission or email to the address(es) such party has specified in writing.

6. **INCORPORATED DOCUMENTS**. The parties agree that this Contract, inclusive of the following Attachments, specifically describes the Scope of Work. This Contract incorporates the following Attachments in descending order of constructive precedence:

ATTACHMENT A:	SCOPE OF WORK AND DELIVERABLES
ATTACHMENT B:	STATE PUBLIC HEALTH FUNDS PRIORITIES SFY26-27
ATTACHMENT C:	STATE PUBLIC HEALTH FUNDING SFY26-27
ATTACHMENT D:	3234- DHS-DPBH-PUBLIC HEALTH IMPROVEMENTS

Any provision, term or condition of an Attachment that contradicts the terms of this Contract, or that would change the obligations of the State under this Contract, shall be void and unenforceable.

7. **CONSIDERATION**. The parties agree that the services specified in ***Section 6, Incorporated Documents*** at a cost as noted below:

$10,786,480.00	per	Attachment A

Total Contract or installments payable at:	SFY 26 July 1, 2025 – June 30, 2026: $5,393,240.00 SFY 27 July 1, 2026 – June 30, 2027: $5,393,240.00
Return of remaining funds:	Any unspent funds will be reverted to the state at the close of each fiscal year, as outlined in Attachment A.

Total Contract Not to Exceed:	$10,786,480.00

Any intervening end to a biennial appropriation period shall be deemed an automatic renewal (not changing the overall Contract term) or a termination as the result of legislative appropriation may require.

8. **ASSENT**. The parties agree that the terms and conditions listed in the incorporated Attachments of this Contract are also specifically a part of this Contract and are limited only by their respective order of precedence and any limitations expressly provided.

9. **INSPECTION & AUDIT**

A. Books and Records. Each party agrees to keep and maintain under general accepted accounting principles full, true and complete records, agreements, books, and document as are necessary to fully disclose to the State or United States Government, or their authorized representatives, upon audits or reviews, sufficient information to determine compliance with all State and federal regulations and statutes.

B. Inspection & Audit. Each party agrees that the relevant books, records (written, electronic, computer related or otherwise), including but not limited to relevant accounting procedures and practices of the party, financial statements and supporting documentation, and documentation related to the work product shall be subject, at any reasonable time, to inspection, examination, review, audit, and copying at any office or location where such records may be found, with or without notice by the State Auditor, Employment Security, the Department of Administration, Budget Division, the Nevada State Attorney General's Office or its Fraud Control Units, the State Legislative Auditor, and with regard to any federal funding, the relevant federal agency, the Comptroller General, the General Accounting Office, the Office of the Inspector General, or any of their authorized representatives.

C. Period of Retention. All books, records, reports, and statements relevant to this Contract must be retained a minimum three years and for five years if any federal funds are used in this Contract. The retention period runs from the date of termination of this Contract. Retention time shall be extended when an audit is scheduled or in progress for a period reasonably necessary to complete an audit and/or to complete any administrative and judicial litigation which may ensue.

10. **BREACH - REMEDIES**. Failure of either party to perform any obligation of this Contract shall be deemed a breach. Except as otherwise provided for by law or this Contract, the rights and remedies of the parties shall not be exclusive and are in addition to any other rights and remedies provided by law or equity, including but not limited to actual damages, and to a prevailing party reasonable attorneys' fees and costs. It is specifically agreed that reasonable attorneys' fees shall not exceed $150.00 per hour.

11. **LIMITED LIABILITY**. The parties will not waive and intend to assert available NRS Chapter 41 liability limitations in all cases. Contract liability of both parties shall not be subject to punitive damages. Actual damages for any State breach shall never exceed the amount of funds which have been appropriated for payment under this Contract, but not yet paid, for the fiscal year budget in existence at the time of the breach.

12. **FORCE MAJEURE**. Neither party shall be deemed to be in violation of this Contract if it is prevented from performing any of its obligations hereunder due to strikes, failure of public transportation, civil or military authority, acts of public enemy, acts of terrorism, accidents, fires, explosions, or acts of God, including, without limitation, earthquakes, floods, winds, or storms. In such an event the intervening cause must not be through the fault of the party asserting such an excuse, and the excused party is obligated to promptly perform in accordance with the terms of the Contract after the intervening cause ceases.

13. **INDEMNIFICATION**. Neither party waives any right or defense to indemnification that may exist in law or equity.

14. **INDEPENDENT PUBLIC AGENCIES**. The parties are associated with each other only for the purposes and to the extent set forth in this Contract, and in respect to performance of services pursuant to this Contract, each party is and shall be a public agency separate and distinct from the other party and, subject only to the terms of this Contract, shall have the sole right to supervise, manage, operate, control, and direct performance of the details incident to its duties under this Contract. Nothing contained in this Contract shall be deemed or constructed to create a partnership or joint venture, to create relationships of an employer-employee or principal-agent, or to otherwise create any liability for one agency whatsoever with respect to the indebtedness, liabilities, and obligations of the other agency or any other party.

15. **WAIVER OF BREACH**. Failure to declare a breach or the actual waiver of any particular breach of the Contract or its material or nonmaterial terms by either party shall not operate as a waiver by such party of any of its rights or remedies as to any other breach.

16. **SEVERABILITY**. If any provision contained in this Contract is held to be unenforceable by a court of law or equity, this Contract shall be construed as if such provision did not exist and the non-enforceability of such provision shall not be held to render any other provision or provisions of this Contract unenforceable.

17. **ASSIGNMENT**. Neither party shall assign, transfer or delegate any rights, obligations or duties under this Contract without the prior written consent of the other party.

18. **OWNERSHIP OF PROPRIETARY INFORMATION**. Unless otherwise provided by law any reports, histories, studies, tests, manuals, instructions, photographs, negatives, blue prints, plans, maps, data, system designs, computer code (which is intended to be consideration under this Contract), or any other documents or drawings, prepared or in the course of preparation by either party in performance of its obligations under this Contract shall be the joint property of both parties.

19. **PUBLIC RECORDS**. Pursuant to NRS 239.010, information or documents may be open to public inspection and copying. The parties will have the duty to disclose unless a particular record is made confidential by law or a common law balancing of interests.

20. **CONFIDENTIALITY**. Each party shall keep confidential all information, in whatever form, produced, prepared, observed or received by that party to the extent that such information is confidential by law or otherwise required by this Contract.

21. **FEDERAL FUNDING**. In the event, federal funds are used for payment of all or part of this Contract, the parties agree to comply with all applicable federal laws, regulations and executive orders, including, without limitation the following:

    A. The parties certify, by signing this Contract, that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from participation in this transaction by any federal department or agency. This certification is made pursuant to Executive Orders 12549 and 12689 and Federal Acquisition Regulation Subpart 9.4, and any relevant program-specific regulations. This provision shall be required of every subcontractor receiving any payment in whole or in part from federal funds.

    B. The parties and its subcontractors shall comply with all terms, conditions, and requirements of the Americans with Disabilities Act of 1990 (P.L. 101-136), 42 U.S.C. 12101, as amended, and regulations adopted thereunder, including 28 C.F.R. Section 35, inclusive, and any relevant program-specific regulations.

    C. The parties and its subcontractors shall comply with the requirements of the Civil Rights Act of 1964 (P.L. 88-352), as amended, the Rehabilitation Act of 1973 (P.L. 93-112), as amended, and any relevant program-specific regulations, and shall not discriminate against any employee or offeror for employment because of race, national origin, creed, color, sex, religion, age, disability or handicap condition (including AIDS and AIDS-related conditions.)

    D. Clean Air Act (42 U.S.C. 7401–7671q.) and the Federal Water Pollution Control Act (33 U.S.C. 1251–1387), as amended. Contracts and subgrants of amounts in excess of $150,000 must contain a provision that requires the non-Federal award to agree to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401–7671q) and the Federal Water Pollution Control Act as amended (33 U.S.C. 1251–1387). Violations must be reported to the Federal awarding agency and the Regional Office of the Environmental Protection Agency (EPA).

22. **PROPER AUTHORITY**. The parties hereto represent and warrant that the person executing this Contract on behalf of each party has full power and authority to enter into this Contract and that the parties are authorized by law to perform the services set forth in ***Section 6, Incorporated Documents***.

23. **GOVERNING LAW – JURISDICTION**. This Contract and the rights and obligations of the parties hereto shall be governed by, and construed according to, the laws of the State of Nevada. The parties consent to the exclusive jurisdiction of and venue in the First Judicial District Court, Carson City, Nevada for enforcement of this Contract.

24. **ENTIRE AGREEMENT AND MODIFICATION**. This Contract and its integrated Attachment(s) constitute the entire agreement of the parties and as such are intended as a complete and exclusive statement of the promises, representations, negotiations, discussions, and other agreements that may have been made in connection with the subject matter hereof. Unless an integrated Attachment to this Contract specifically displays a mutual intent to amend a particular part of this Contract, general conflicts in language between any such Attachment and this Contract shall be construed consistent with the terms of this Contract. Unless otherwise expressly authorized by the terms of this Contract, no modification or amendment to this Contract shall be binding upon the parties unless the same is in writing and signed by the respective parties hereto, approved by the Office of the Attorney General.

CETS #:	**30773**
Agency Reference #:	**C 18598**

IN WITNESS WHEREOF, the parties hereto have caused this Contract to be signed and intend to be legally bound thereby.

Public Entity #1 Authorized Signature — Date — Title

By: Signature Redacted Signature Redacted — 07/08/2025 — District Health Officer

Public Entity #2 Authorized Signature — Date — Title

APPROVED BY BOARD OF EXAMINERS

Signature – Board of Examiners

On: _____
Date

Approved as to form by:

Deputy Attorney General for Attorney General

On: _____
Date

ATTACHMENT A
SCOPE OF WORK AND DELIVERABLES

Funding appropriation to the Division of Public and Behavioral Health of the Department of Health and Human Services for allocation to specified entities for the improvement of public health.

This interlocal contract appropriates $10,786,480 to Southern Nevada Health District for the following priorities and amounts.

Public Health Priorities (in no order)	**Anticipated benefit**	**Amount**
SFY26 July 2025 – June 30, 2026		
Implementation of Healthcare Acquired Infection Prevention and Control (HAI)	The program will oversee infection prevention and control activities in healthcare settings in Clark County, NV in alignment with a new state mandate.	$975,486.89
Maintenance of epidemiology and laboratory capacity	The maintenance of epidemiology and laboratory capacity established under the Epidemiology and Laboratory Capacity (ELC) grant.	$4,127,925.34
Support for public health preparedness program	The program will strengthen SNHD response to public health threats.	$289,827.77
Total	**Total for SFY26**	**$5,393,240.00**
SFY27 July 2026 – June 30, 2027		
Implementation of Healthcare Acquired Infection Prevention and Control (HAI)	The program will oversee infection prevention and control activities in healthcare settings in Clark County, NV in alignment with a new state mandate.	$975,486.89
Maintenance of epidemiology and laboratory capacity	The maintenance of epidemiology and laboratory capacity established under the Epidemiology and Laboratory Capacity (ELC) grant.	$4,127,925.34
Support for public health preparedness program	The program will strengthen SNHD response to public health threats.	$289,827.77
Total	**Total for SFY27**	**$5,393,240.00**

Priorities and funding amounts per priority can be modified as needed without a formal amendment as long as the overall dollar amount does not change.

An entity to which money is allocated shall:

(a) Evaluate the public health needs of residents of the area under the jurisdiction of the entity;

(b) Determine the level of priority of the public health needs identified pursuant to paragraph (a);

(c) Expend the allocated money in accordance with the levels of priority identified pursuant to paragraph (b).

Reporting Requirements:

Not later than 90 days after the end of Fiscal Year 2025-2026 and 2026-2027, respectively:

(1) Prepare a report which must include, without limitation:

(I) A description of the process used by the entity pursuant to paragraph (a) to evaluate the public health needs of residents of the area under the jurisdiction of the entity and the public health needs identified through that process.

(II) A description of the process used by the entity pursuant to paragraph (b) to determine the level of priority of the public health needs identified pursuant to paragraph (a) and the levels of priority assigned to those public health needs through that process.

(III) A description of each expenditure of the allocated money made by the entity pursuant to paragraph (c); and

(IV) The unexpended balance of the allocated money at the end of the fiscal year.

(2) Submit the report to the Director of the Legislative Counsel Bureau for transmittal to the Interim Finance Committee.

Not later than the 15th of each month:

1. Expenditure report. Submit the report by the 15th of each month for the prior month's expenditures to DPBHPHII@health.nv.gov

Quarterly Progress Report Due Dates (submitted on DPBH provided template):

- Q1: October 15th, 2025
- Q2: January 15th, 2026
- Q3: April 15th, 2026
- Q4: July 15th, 2026
- Q1: October 15th, 2026
- Q2: January 15th, 2027
- Q3: April 15th, 2027
- Q4/Final: July 30th, 2027

Disbursement of Funds

Funds will be advanced in two disbursements:

1. Year One (1) Upon contract execution
2. Year Two (2) on July 1, 2026

Return of Remaining Funds

Any remaining balance of the allocated money from the first disbursement must not be committed for expenditure after June 30, 2026, and must be reverted to the State General Fund on or before

September 18, 2026. Entities are required to project remaining funds and return the funds to DPBH no later than March 15, 2026. If at the end of the project there are additional funds that need to be returned, DPBH must be notified no later than June 15, 2026, to facilitate the return of the funds.

Any remaining balance of the allocated money from the second disbursement must not be committed for expenditure after June 30, 2027, and must be reverted to the State General Fund on or before September 18, 2027. Entities are required to project remaining funds and return the funds to DPBH no later than March 15, 2027. If at the end of the project there are additional funds that need to be returned, DPBH must be notified no later than June 15, 2027, to facilitate the return of the funds.

ATTACHMENT B

STATE PUBLIC HEALTH FUNDS PRIORITIES

STATE PUBLIC HEALTH FUNDS PRIORITIES SFY26-27: SOUTHERN NEVADA HEALTH DISTRICT (SNHD)

PLEASE INDICATE YOUR PUBLIC HEALTH PRIORITIES (I.E., OUTREACH TO SENIOR CITIZENS, DIABETES EDUCATION, ETC.) AND THE DOLLAR AMOUNT PROPOSED FOR EACH PRIORITY LISTED.

Year One (FY2026):

- **Implementation of Healthcare Acquired Infection Prevention and Control (HAI) Program to oversee infection prevention and control activities in healthcare settings in Clark County, NV in alignment with a new state mandate. ($975,486.89)**
- **Maintenance of epidemiology and laboratory capacity established under the Epidemiology and Laboratory Capacity (ELC) grant. ($4,127,925.34)**
- **Support for public health preparedness program to strengthen SNHD response to public health threats. ($289,827.77) Year Two (FY2027):**
- **Implementation of Healthcare Acquired Infection Prevention and Control (HAI) Program to oversee infection prevention and control activities in healthcare settings in Clark County, NV in alignment with a new state mandate. ($975,486.89)**
- **Maintenance of epidemiology and laboratory capacity established under the Epidemiology and Laboratory Capacity (ELC) grant. ($4,127,925.34)**
- **Support for public health preparedness program to strengthen SNHD response to public health threats. ($289,827.77)**

HOW DID YOU CHOOSE THE PRIORITIES FOR YOUR COUNTY/HEALTH DISTRICT? (I.E., COUNTY HEALTH ASSESSMENT, NEEDS ASSESSMENT HEALTH REPORTS)

The three proposed priorities are centered on improving public health outcomes and ensuring community preparedness for both routine health challenges and potential public health emergencies.

- **The HAI priority was selected in response to a new state initiative to assign this responsibility to SNHD. This reflects an operational need to build capacity for compliance.**
- **The ELC** priority was selected to preserve SNHD's capacity to detect and respond to **emerging disease threats. The ELC Program supports disease surveillance, contact tracing, data analysis, and public education, and works in coordination with appropriate agencies to enforce communicable disease laws, core functions aligned** with SNHD's public health mission.

- **The final priority was selected because there is an ongoing need for rapid identification and response to any bioterrorism agents. SNHD public health emergency preparedness plays a critical role in bioterrorism preparedness and response through the surveillance and detection of unusual disease patterns or clusters that could indicate bioterrorism event. The response includes laboratory testing for various bioterrorism agents.**

CHECK THE APPROPRIATE BOX FOR THE FOUNDATIONAL PUBLIC HEALTH SERVICES YOU WILL ADDRESS WITH THE FUNDS: SEE PAGE TWO FOR DESCRIPTIONS

Foundational Areas

☒ Communicable Disease Control

☐Chronic Disease and Injury Prevention

☒Environmental Public Health

☐Maternal, Child, and Family Health

☐ Access to and Linkage with Clinical Care

Foundational Capabilities

☒Assessment and Surveillance

☐Community Partnership Development

☐Equity

☒Organizational Competencies

☒Emergency Preparedness and Response

☒Communications

☐Other_____

Please find the descriptions of Foundational Public Health Services below

Foundational Areas

- **Communicable Disease Control Fact Sheet**

- Chronic Disease and Injury Prevention Fact Sheet
- Environmental Public Health Fact Sheet
- Maternal, Child, & Family Health Fact Sheet
- Access to & Linkage with Clinical Care Fact Sheet

Foundational Capabilities

- Assessment and Surveillance Fact Sheet
- Community Partnership Development Fact Sheet
- Organizational Competencies Fact Sheet
- Policy Development & Support Fact Sheet
- Accountability & Performance Management Fact Sheet
- Emergency Preparedness & Response Fact Sheet
- Communications Fact Sheet

NEVADA DIVISION of PUBLIC and BEHAVIORAL HEALTH

ATTACHMENT C
STATE PUBLIC HEALTH FUNDING SFY26-27

State Public Health Funding SFY26-27							
By Jurisdiction	*% Allocation*	*SFY26-27 Total Allocation for Biennium*				*SFY26 Allocation*	*SFY27 Allocation*
Central Nevada Health District	1.3%	$ 192,088.00				$ 96,044.00	$ 96,044.00
Northern Nevada Public Health	16.0%	$ 2,364,160.00				$ 1,182,080.00	$ 1,182,080.00
Southern Nevada Health District	73.0%	$ 10,786,480.00				$ 5,393,240.00	$ 5,393,240.00
Division of Public and Behavioral Health	9.7%	$ 1,433,272.00				$ 716,636.00	$ 716,636.00
Tribal Health Authority Council		$ 224,000.00				$ 112,000.00	$ 112,000.00
		$ 15,000,000.00				$ 7,500,000.00	$ 7,500,000.00
DPBH Breakdown by County	*Population**	*% of State Population*	*% of DPBH allocation*	*SFY25 Dollar Allocation*	*SFY26-27 Total Allocation for Biennium*	*SFY26 Allocation*	*SFY27 Allocation*
Carson City	60,266	1.8%	18.0%	$ 262,101.18	$ 257,453.09	$ 128,726.54	$ 128,726.54
Storey County	4,457	0.1%	1.3%	$ 19,897.83	$ 19,040.06	$ 9,520.03	$ 9,520.03
Douglas County	55,797	1.7%	16.6%	$ 236,751.34	$ 238,361.76	$ 119,180.88	$ 119,180.88
Lyon County	65,116	2.0%	19.4%	$ 271,719.74	$ 278,172.02	$ 139,086.01	$ 139,086.01
Lander County	6,255	0.2%	1.9%	$ 27,678.07	$ 26,721.02	$ 13,360.51	$ 13,360.51
Humboldt County	17,801	0.5%	5.3%	$ 80,548.67	$ 76,044.91	$ 38,022.45	$ 38,022.45
Elko County	57,989	1.8%	17.3%	$ 253,480.44	$ 247,725.87	$ 123,862.93	$ 123,862.93
White Pine County	10,209	0.3%	3.0%	$ 44,951.02	$ 43,612.29	$ 21,806.15	$ 21,806.15
Lincoln County	4,730	0.1%	1.4%	$ 22,342.92	$ 20,206.30	$ 10,103.15	$ 10,103.15
Nye County	51,802	1.6%	15.4%	$ 230,728.50	$ 221,295.34	$ 110,647.67	$ 110,647.67
Esmeralda County	1,086	0.0%	0.3%	$ 4,800.29	$ 4,639.33	$ 2,319.67	$ 2,319.67
Nevada Total	3,282,911	10.2%	100.0%	$ 1,455,000.00	$ 1,433,272.00	$ 716,636.00	$ 716,636.00
Population data is from the State of Nevada Department of Taxation:							
Nevada Population 2024							

Attachment D

DHS-DPBH - PUBLIC HEALTH IMPROVEMENTS
101-3234

SUMMARY

	2023--2024 ACTUAL	202*2025 WORK PROGRAM	2025-2026 AGENCY REOUEST	2025-2026 GOVERNOR RECOMMENDS	2026-2027 AGENCY REQUEST	2026-2027 GOVERNOR RECOMMENDS
RESOURCES:						
APPROPRIATION CONTROL	0	15,000,000	15,000,000	7,500,000	0	7,500,000
FEDERAL FUNDS FROM PREVIOUS YEAR	0	4,517,919	0	0	0	0
FEDERAL FUNDS TO NEW YEAR	-4,517,919	0	0	0	0	0
PUBLIC HEALTH INFRASTRUCTURE	1,731,158	7,846,011	5,180,513	5,162,360	5,180,513	5,123,482
TRANSFER IN FED ARPA	7,241,859	15,056,511	6,946,828	0	0	0
TOTAL RESOURCES:	**4,455,098**	**42,420,441**	**27,127,341**	**12,662,360**	**5,180,513**	**12,623,482**
TOTAL RESOURCES:						
EXPENDITURES:						
PERSONNEL SERVICES	238,322	499,821	377,860	483,655	385,475	490,439
OPERATING	0	0	357	335	357	334
PUBLIC HEALTH INFRASTRUCTURE	1,492,835	7,346,190	4,799,403	4,675,248	4,761,307	4,588,578
ARPA IBCLC	4,998	661,002	121,091	0	0	0
ARPA WORKFORCE SCHOLARSHIPS	201,862	5,292,439	886,606	0	0	0
ARPA PUBLIC HEALTH SYSTEM	2,517,081	13,620,989	5,939,131	0	0	0
SB118 PUBLIC HEALTH	0	15,000,000	15,000,000	7,500,000	0	7,500,000
INFORMATION SERVICES	0	0	1,369	2,827	1,369	2,734
DIVISION COST ALLOCATION	0	0	1,524	295	32,005	41,397
OPERATING						
TOTAL EXPENDITURES:	4 455 098	42 420 441	27 127 341	12 662 360	s 180 513	12 623 482
PERCENT CHANGE:		852.18%	-36.05%	-70.15%	-80.900%	-0.31%
TOTAL POSITIONS:	0.00	0.00	3.00	4.00	3.00	4.00

APPROVED BY THE SOUTHERN NEVADA DISTRICT BOARD OF HEALTH
AUGUST 28, 2025

Southern Nevada Health District

TO: SOUTHERN NEVADA DISTRICT BOARD OF HEALTH **DATE: August 28, 2025**

RE: Approval of the Revisions to the Definition of Exempt Employee to the SNHD Employee Handbook

---

PETITION #02-26

That the Southern Nevada District Board of Health reviews and approves the proposed revision to the Employee Handbook of the Southern Nevada Health District.

PETITIONERS

Cassius Lockett, PhD, *District Health Officer*
Renee Trujillo, *Chief Human Resources Officer*

DISCUSSION:

We are expanding the definition of exempt employee in the Employee Handbook to provide greater clarity around roles, responsibilities, and expectations tied to exempt status. This helps ensure consistent application across the organization and supports compliance with labor laws and internal policies.

Page 18 - Exempt

Deleted:

~~Exempt employees are typically paid on a salary basis and are not eligible to receive overtime pay or compensatory time.~~

Revised:

Exempt employees are typically paid a fixed salary, rather than an hourly wage, and are not eligible for overtime pay. The expectation is that exempt employees work a minimum of 40 hours on an average basis in a pay week. Exempt employees may be required to use accrued vacation and/or sick leave in specific circumstances to compensate for missed time in a scheduled pay week.

FUNDING:

No funding is required.

Exempt Employees

Exempt employees shall be paid based on their biweekly rate with appropriate adjustments made to their paid leave balances for leave time used.

During the last week of employment an exempt employee will only be paid for actual hours worked. In addition, an employee may be paid only for hours worked during a period when the employee is using unpaid leave under the Family and Medical Leave Act (FMLA).

Overtime

When required due to the needs of the business, employees may be required to work overtime to include staying over or reporting early to a regularly scheduled shift or reporting to a shift on a regularly scheduled day off. Nonexempt employees will be paid overtime compensation at the rate of one and one-half their regular rate of pay for all hours over 40 actually worked in a single workweek or 8 in a 24-hour period, if their regular rate of pay does not exceed 1.5 times current minimum wage. Employees who agree to an Adjusted Work Schedule (AWS) are eligible for overtime after working their scheduled nine (9) or ten (10) hour scheduled shift. Paid leave, such as holiday, vacation, sick leave, bereavement time, and jury duty, does not apply toward work time. All overtime work must be approved in advance by a supervisor or manager.

The District provides compensation for all overtime hours worked by non-exempt employees in accordance with state and federal law.

Compensatory Time

Employees working on their scheduled day off may choose to bank compensatory time in lieu of receiving compensation during that pay week. Employees may not accumulate more than forty (40) hours of compensatory time off. Employees will be compensated for any remaining accumulated compensatory time off at the end of the fiscal year or at the time of separation from District service. The use of compensatory time off must be approved in advance by the appropriate supervisor. Approval of compensatory time off will be subject to District staffing needs.

Callback Pay

Callback pay is compensation earned for returning to duty in emergency situations requiring immediate attention. Where the division director or designee feels that it is necessary to call back a non-exempt employee of the division, the employee will be paid on a one and one-half (1 1/2) times their hourly rate of pay if the callback hours result in the employee working overtime. The employee will be paid a minimum of three (3) hours regardless of having worked less than three (3) hours. However, in the event that the period of callback extends into the employee's normal working shift, the employee will be paid only for the time actually worked in addition to the normal working shift. If the period of callback exceeds three (3) hours, the employee will be paid for the amount of time

APPROVED BY THE SOUTHERN NEVADA DISTRICT BOARD OF HEALTH
AUGUST 28, 2025

Southern Nevada Health District

TO: SOUTHERN NEVADA DISTRICT BOARD OF HEALTH **DATE: August 28, 2025**

RE: Approval of the Revision to Bereavement Leave in the SNHD Employee Handbook

---

PETITION #03-26

That the Southern Nevada District Board of Health reviews and approves the proposed revision to the Employee Handbook of the Southern Nevada Health District.

PETITIONERS

Cassius Lockett, PhD, *District Health Officer*
Renee Trujillo, *Chief Human Resources Officer*

DISCUSSION:

We propose adding a provision to the bereavement leave policy allowing employees to receive donated leave once their sick leave has been exhausted. This addition provides extra support during difficult times, helping employees manage the loss of an immediate family member without financial strain. It also promotes a compassionate workplace culture where colleagues can support one another in times of need.

Page 51 – Bereavement Leave

Addition:

Employees who experience the loss of an immediate family member may seek and be donated up to 80 hours of sick leave from a fellow employee, allowing them additional bereavement time beyond the three or five paid days. The employee must first exhaust all their accrued sick leave prior to receiving any donated leave. Donated leave must be used in consecutive hours and immediately follow an approved paid bereavement leave.

FUNDING:

No funding is required.

Bereavement Leave

Employees may take up to three (3) days for in-state and up to (5) days out of state/country of paid bereavement leave upon the death of a member of their immediate family. For purposes of bereavement leave only, “Immediate family member” is defined as an employee’s spouse, domestic partner, parents, stepparents, siblings, children, stepchildren, grandparent, parent-in-law, or grandchild.

The District may require verification of the need for the leave. The employee’s supervisor and Human Resources will consider this time off on a case-by-case basis and it will be processed through Human Resources benefits program

Payment for bereavement leave is computed at the regular hourly rate to a maximum of ten hours for one day. Time off granted shall not be credited as time worked for the purpose of computing overtime.

Additionally, employees may utilize up to 5 days of sick or other accrued leave for the purposes of bereavement and attending services for anyone that is close to the employee. This leave will solo be approved by the employee’s supervisor via a time off request.

Pawternity

Losing a pet can be a significant emotional event, comparable to losing a family member.

For this reason, employees may utilize up to two (2) days every twelve (12) months of sick or other accrued leave for the purpose of having time to grieve and process their feelings for the loss of their pet. For this purpose, “pet" refers to a domesticated animal kept for companionship and affection, like a dog or cat. This Pawternity leave will solo be approved by the employee’s supervisor via a time off request.

Jury Duty/Court Appearance

The District supports employees in their civic duty to serve on a jury. Employees must present any summons to jury duty to their supervisor as soon as possible after receiving the notice, but no less than 3 days prior to appearing for jury duty.

Regular full-time employees called to serve on jury duty during normal working hours will be paid their regular wages while on jury duty, provided that all jury pay is submitted to the District. Employees called but not selected to serve on the jury, and those employees dismissed after serving on jury duty shall report to work when excused with 5 hours or more remaining in their normally scheduled shift. Employees will receive time off for jury duty in accordance with applicable laws.

Employees cannot work within eight (8) hours before the time when the employee must appear for jury duty or between 5 p.m. on the day of their appearance for jury duty and 3

APPROVED BY THE SOUTHERN NEVADA DISTRICT BOARD OF HEALTH
AUGUST 28, 2025

Memorandum 01-26

Date: August 28, 2025

To: **SOUTHERN NEVADA DISTRICT BOARD OF HEALTH**

From: **Daniel Isler, PE, REHS,** *Environmental Health Engineer/Supervisor* DI
Daniel Burns, PE, REHS, *Environmental Health Engineer/Manager* DB
Chris Saxton, MPH-EH, REHS, *Director of Environmental Health* CS
Cassius Lockett, PhD, *District Health Officer*

Subject: Petition of the Business Impact Statement for the Proposed 2025 Individual Sewage Disposal Systems and Liquid Waste Management Regulations and Proposed ISDS Operating Permit Fee.

I. BACKGROUND:

Pursuant to NRS 439.366, the Health District is authorized to adopt regulations to protect and promote the public health and safety within Clark County, Nevada, including regulations to control the use of individual sewage disposal systems and establish standards for liquid waste management. The Environmental Health (EH) Division of the Health District has not had an update to the *Regulations Governing Individual Sewage Disposal Systems and Liquid Waste Management* since 2009, and the 2009 revision represents the only substantial update to the regulations since they were first adopted in 1984. Over the last 5 years, the Health District has reviewed more than 1,600 Tenant Improvements, processed dozens of variance applications, and responded to 35 complaints, which have allowed us to understand the areas of the regulations that need updating.

On October 10, 2024, EH staff sent the proposed regulations to the following agencies requesting their comments: *Clark County Water Reclamation District, City of Boulder City, City of Henderson, City of Las Vegas, City of Mesquite, City of North Las Vegas, Las Vegas Valley Water District,* and the *Nevada Division of Environmental Protection*. City of Boulder City and City of North Las Vegas had no comments. Comments from the other agencies were reviewed and discussed with the commenting agency (if necessary) and, as applicable, incorporated into the version of the proposed regulations made available during the Business Impact Survey.

On March 16, 2025, the EH Division issued industry notification of the Business Impact Survey.

The Business Impact Survey did not include residential septic systems. The comment period was open from March 16, 2025 through April 27, 2025. Most survey responses were focused primarily on an existing regulation requiring connection to a community sewer system, rather than any of the proposed changes.

On July 7, 2025, industry notification was issued for a follow-up Business Impact Survey for industry to make comments regarding the proposed ISDS Operating Permit Fee, proposed at $226 per 5-year permit cycle**.** The comment period was from July 7, 2025 to July 31, 2025. The survey was sent to the same list as the initial survey. Slightly more than half of the 19 responses to the second survey indicated that the fee would have no impact on their business. Of the nine respondents who stated that the fee would have a direct and substantial impact on their business, only three provided an explanation as to how the fee would impact them.

II. PROPOSED ADJUSTMENTS:

The Health District proposes updating the ISDS and LWM regulations to more closely align with current federal and state regulations and best practices, incorporate third-party standards, and clarify existing processes and procedures. The major changes are listed in the Summary of Changes by Chapter document. Some items of interest include a new ISDS Operating Permit, which must be renewed every five years along with payment of a $226 renewal fee; new property transfer requirements, which include pumping and inspection of the ISDS, well water quality testing, and notifying the new property owner of any identified issues; and establishment of an administrative waiver process, which will allow SNHD staff to exercise some discretion without needing to bring a variance before the Board of Health. The Health District believes that these changes will result in an environment that is business-friendly and promotes continued growth while protecting public health.

The proposed regulations do create a new fee for all septic systems within Clark County, Nevada. This fee would apply to the 5-year ISDS Operating Permit the proposed regulations would create for all septic systems within Clark County, Nevada. The fee would be $226 and would be added to the SNHD EH Fee Schedule effective on January 1, 2026. The proposed changes are projected to increase EH division revenue by approximately $847,048 in the first year and increase between 1-3% annually thereafter when the EH Fee Schedule is adjusted based on the Consumer Price Index.

The plan is to implement the permit in waves by ZIP Code, so that roughly 20% are up for renewal each year, since that is logistically easier and avoids huge spikes in revenue followed by four years of no revenue. These fees will be used to cover the costs for new program development, to conduct the necessary oversight of permits, review renewing permits, and add additional staff as needed.

III. RECOMMENDATION:

The Health District recommends approval of the Business Impact Statement for the proposed 2025 Individual Sewage Disposal Systems and Liquid Waste Management Regulations. With

recommendation, staff will move forward with a 30-day public comment period for public comments, including the residential portion of the regulations followed by the presentation of the proposed 2025 Individual Sewage Disposal Systems and Liquid Waste Management Regulations at the October 23, 2025, Board of Health meeting.

DI/nc

Attachments:

Attachment A: Proposed Regulations and ISDS Permit Fee Business Impact Statements
Attachment B: Proposed Regulations and ISDS Permit Fee BIS Surveys/Written Correspondence
Attachment C: Proposed Regulations and ISDS Permit Fee BIS Notifications & Posting Verifications
Attachment D: Proposed Regulations and ISDS Permit Fee BIS Public Workshop agenda/attendees/minutes
Attachment E: Proposed 2025 ISDS/LWM Regulations
Attachment F: Summary of Changes by Chapter
Attachment G: ISDS/LWM Regulations – Red Line

Attachment A

Proposed ISDS/LWM Regulations and ISDS Permit Fee Business Impact Statement

NRS 237 BUSINESS IMPACT STATEMENT
PROPOSED 2025 INDIVIDUAL SEWAGE DISPOSAL SYSTEMS AND LIQUID WASTE MANAGEMENT REGULATIONS, INCLUDING A PROPOSED FEE FOR THE INDIVIDUAL SEWAGE DISPOSAL SYSTEM OPERATING PERMIT

SECTION A - A DESCRIPTION OF THE MANNER IN WHICH COMMENT WAS SOLICITED FROM AFFECTED BUSINESSES, A SUMMARY OF THEIR RESPONSE, AND AN EXPLANATION OF THE MANNER IN WHICH OTHER INTERESTED PERSONS MAY OBTAIN A COPY OF THE SUMMARY; THE TOTAL NUMBER OF BUSINESS EXPECTED TO BE IMPACTED; A LIST OF CHAMBERS OF COMMERCE AND TRADE ASSOCIATIONS NOTIFIED OF THE PROPOSED RULE; AND A SUMMARY OF WORKSHOPS HELD

Comments were solicited in the following ways:

1. For both Business Impact Surveys, notifications were emailed or mailed to 555 businesses holding one or more of the following permits: Commercial ISDS, Commercial Holding Tank, and Liquid Waste Management. No other businesses are expected to be affected by the proposed regulations.

2. The Business Impact Surveys notifications were faxed and/or emailed to the following jurisdictions for posting at their offices: Henderson City Hall, Boulder City's City Hall, Mesquite City Hall, North Las Vegas City Hall, Las Vegas City Hall, Clark County Government Center, and the Laughlin Community Resource Center.

3. The Business Impact Surveys notifications were mailed or emailed to the following associations: Asian Chamber of Commerce, Boulder City Chamber of Commerce, Henderson Chamber of Commerce, Korean American Chamber of Commerce, Las Vegas Metro Chamber of Commerce, Latin Chamber of Commerce, Laughlin Chamber of Commerce, Mesquite Chamber of Commerce, Nevada Land Title Association, Sin City Chamber of Commerce, Spring Valley Chamber of Commerce, Urban Chamber of Commerce, Las Vegas Realtors®, NAIOP Commercial Real Estate Development Association – Southern Nevada Chapter, Nevada Association of Land Surveyors, Southern Nevada Association of Professional Property Inspectors, and Southern Nevada Home Builders.

4. The Business Impact Surveys notifications were emailed or mailed to 10 additional contacts associated with the engineering, architecture, and construction industries.

5. The Business Impact Surveys notifications were mailed to individuals that have previously expressed interest in Environmental Health notifications.

6. To gather data and comments from the public, SNHD held two (2) hybrid public workshop (in-person and via Microsoft Teams) on April 1, 2025 (for the Proposed Regulations) and on July 23, 2025 (for the Proposed ISDS Operating Permit Fee). At the April 1, 2025 public workshop there were nine attendees. After the workshop concluded, an additional person arrived, and staff reviewed the proposed regulation changes and Business Impact Survey process with him. At the July 23, 2025 public workshop there were two attendees.

During the comment period ending on April 27, 2025, the Health District received 16 unique survey responses. Four respondents said that the proposed 2025 Individual Sewage Disposal Systems and Liquid Waste Management Regulations (hereafter referred to as the 2025 ISDS/LWM Regulations) would have no impact on their business.

See Exhibit A for a summary of proposed 2025 ISDS/LWM Regulations Business Impact Surveys responses.

Questions	Yes Responses	No Responses
Will the proposed 2025 ISDS/LWM Regulations impose a direct and significant economic burden upon your business or the Individual Sewage Disposal System and Liquid Waste Management industry?	9	4
Will the proposed changes to the 2025 ISDS/LWH Regulations directly restrict the formation, operation, or expansion of your business or the Individual Sewage Disposal System and Liquid Waste Management industry?	9	5
Will the proposed 2025 ISDS/LWM Regulations have an estimated beneficial economic effect on your business or the Individual Sewage Disposal System and Liquid Waste Management industry?	3	4
Do you anticipate any indirect economic effects to your business or the Individual Sewage	5	5

Disposal System and Liquid Waste Management industry as a result of the proposed changes to the 2025 ISDS/LWM Regulations?		

During the comment period ending on July 31, 2025, the Health District received 21 unique survey responses. Ten respondents said that the proposed fee for an ISDS Operating Permit would have no impact on their business. One respondent stated that $226 would be a fair price to pay for a 5 year permit; and one respondent indicated that while the fee is low enough, it would still be an added burden to business costs. Four respondents reported no longer having an ISDS at their business, in which case they would not be subject to the fee.

See Exhibit B for a summary of the proposed ISDS Operating Permit fee Business Impact Survey responses.

Questions	Yes Responses	No Responses
Will the proposed fee of $226 per 5-year interval for *Individual Sewage Disposal System Operating Permit* impose a direct and significant economic burden on your business or the *Individual Sewage Disposal System and Liquid Waste Management* industry??	7	10
Will the proposed fee directly restrict the formation, operation, or expansion of your business or the Individual Sewage Disposal System and Liquid Waste Management industry?	5	12
Will the proposed fee have an estimated beneficial economic effect on your business or the Individual Sewage Disposal System and Liquid Waste Management industry?	2	15
Do you anticipate any indirect economic effects to your business or the Individual Sewage Disposal System and Liquid Waste Management industry as a result of the proposed fee?	5	12

The Business Impact Statement and Summary is available at 280 South Decatur Boulevard, Las Vegas, Nevada, or a copy may be viewed online at: www.snhd.info/public-notices.

SECTION B – THE ESTIMATED ECONOMIC EFFECT OF THE PROPOSED RULE ON THE BUSINESSES WHICH IT IS TO REGULATE, INCLUDING, WITHOUT

LIMITATION:

Adverse Effects:

Commercial ISDS

- The proposed regulations would impose new fees on businesses that have a permitted commercial ISDS. The proposed fee would be $226 for a five-year permit with an average annual cost of $45.20. This is in-line with, or less than, fees for other public health services within Clark County (e.g., potable water, community sewer, and trash disposal); and is also comparable in cost to ISDS operating permit fees charged by other agencies in nearby states.
- Several survey respondents indicated that the cost of connecting to sewer would impose an economic burden on their business, but most of those businesses do not meet the criteria to connect to sewer (e.g., "connection more than 1000 feet away," "closest sewer pipe is over 2 blocks away," and "the sewage is far away"). Only one respondent stated that sewer is currently available in front of their property, but they also described potential mitigating factors that would be considered when determining whether the property should connect to sewer (e.g., "when the sewer was installed we requested a connection and were refused" and "the existing sewer is also a very large line").

Commercial Holding Tanks

- The regulations is not expected to have any adverse economic effects on businesses with commercial holding tank permits.

Liquid Waste Management Businesses

- The regulations is not expected to have any adverse economic effects on businesses with liquid waste hauling permits.

Beneficial Effects:

Commercial ISDS

- The proposed regulations provide for an administrative waiver process that will make permit modifications easier on businesses.
- The new Product and Technology Review Chapter clearly defines the process and criteria for acceptance of new technologies and products.
- One survey respondent indicated that "a mandate for secondary safety features on all tank risers, aligned with the CSA B66 Standard" would "protect public health and safety, [and] help reduce liability and insurance costs for businesses involved in tank installation, maintenance, and servicing." The respondent supported the proposed operating permits and property transfer requirements, believing that they will "help reduce ambiguity and support more sustainable system management, benefiting both businesses and property owners."

Commercial Holding Tanks

- The regulations differentiate between temporary and permanent holding tank permits, which will benefit businesses with long-term commercial holding tank permits. Under the current regulations, all holding tanks are treated as temporary and therefore long-term holding tank permit holders must reapply for their permit each year.

Liquid Waste Management Businesses

- The regulations is not expected to have any beneficial economic effects on businesses with liquid waste hauling permits.

Direct Effects:

Commercial ISDS

- The proposed ISDS Operating Permit fee, which will be assessed every five years, represents a direct cost to businesses with a permitted commercial ISDS; but it should not have a substantial effect on any individual business. The proposed fee would be $226 (equivalent to $45.20 per year) and is comparable to other agencies that impose annual ISDS operating permit fees, such as Maricopa County, AZ ($100), Pima County, AZ ($55) and San Bernadino County, CA ($65.50).
- Properties with commercial ISDS permits will incur costs associated with water quality testing when they change ownership, if their drinking water source is a well not currently subject to the National Primary Drinking Water Regulations (NPDWR). The total cost associated with water quality testing will vary, but the cost of the lab analyses ranges from $260 to $660, depending on the lab. There may also be additional sample collection costs, if performed by a third-party sampling firm.

Commercial Holding Tanks

- Businesses with permanent holding tank systems (used for more than 12 months) can obtain an operating permit and renew it every five years, instead of reapplying for a temporary permit each year, which will result in substantial cost savings for these businesses.
- Properties with permanent holding tank systems also will incur costs associated with water quality testing when they change ownership, if their drinking water source is a well not currently subject to the NPDWR.

Liquid Waste Management Businesses

- The regulation does not impose new fees on businesses with liquid waste hauling permits. Permits will continue to be renewed annually.

The passing of the regulations may have additional direct effects; however, those effects cannot be quantified at this time.

Indirect Effects:

Commercial ISDS

- Under the proposed regulations, a property with a permitted commercial

ISDS can be required to connect to sewer once the permit expires if a sewer line is directly adjacent to the property and the sewer authority requires it. The connection cost is highly variable, but this provision is not triggered until the time of permit expiration, and therefore it would not impact any businesses for at least five years. Several survey respondents mentioned high connection costs, but only one of these currently has a sewer line directly adjacent to their property. Another survey respondent mentioned they would gladly connect to sewer if the sewer agency extended the line to in front of their property.

- One survey respondent cited ambiguity within Section 8-3(A), which requires that "NITROGEN REMOVAL SYSTEMS must be certified or approved for use by… NSF/ANSI Standard 245" or "Another nationally or internationally recognized testing organization." The respondent requested clarification regarding what other testing organizations would be considered equivalent to NSF/ANSI Standard 245. The same respondent also requested a defined threshold to clarify Section 8-4(C)(2), which allows for revocation of a nitrogen removal operating permit if "[t]est results consistently fail to meet the required standards."

Commercial Holding Tanks

- The regulations should not have any indirect effects on businesses with commercial holding tank permits.

Liquid Waste Management Businesses

- The regulations include expanded recordkeeping requirements for permitted liquid waste hauling businesses, which might increase costs for businesses. However, the only liquid waste management business that responded to the survey stated that they already comply with these requirements and so will not be affected.

The passing of the regulations may have additional indirect effects; however, those effects cannot be quantified at this time.

SECTION C – A DESCRIPTION OF THE METHODS THAT THE GOVERNING BODY OF THE LOCAL GOVERNMENT OR ITS DESIGNEE CONSIDERED TO REDUCE THE IMPACT OF THE PROPOSED RULE ON BUSINESSES AND A STATEMENT REGARDING WHETHER THE GOVERNING BODY OR ITS DESIGNEE ACTUALLY USED ANY OF THOSE METHODS

Commercial ISDS

- We added an administrative waiver process that allows staff to approve applications, in appropriate circumstances, that currently require approval by the Board of Health through the variance process. This will save the applicant and SNHD time and expense by eliminating the need to prepare the variance application, go through public notice, and present to the Board

of Health.

- Section 8-3(A) was revised to reduce ambiguity in response to a survey comment regarding certification or approval of nitrogen removal systems based on alternatives to NSF/ANSI Standard 245.

Commercial Holding Tanks

- The option for long-term commercial holding tank permit holders to apply for an operating permit, instead of reapplying for a new permit each year, will have a substantial beneficial impact on these businesses. No other method was considered or implemented.

Liquid Waste Management Businesses

- Because no liquid waste management businesses indicated that the proposed regulations would impose a burden on their business, no method was considered or implemented.

SECTION D – THE ESTIMATED COST TO THE LOCAL GOVERNMENT FOR ENFORCEMENT OF THE PROPOSED RULE

Commercial ISDS

- There will be additional enforcement costs associated with Operating Permit issuance. Commercial ISDS permit holders are already required to notify SNHD upon change of ownership under the current regulations, but the proposed property transfer requirements will likely result in increased enforcement. Staff time associated with these efforts is further discussed in Section E.

Commercial Holding Tanks

- No additional costs to SNHD for enforcing the new regulations concerning commercial holding tanks are expected.

Liquid Waste Management Businesses

- A minimal increase in enforcement costs associated with the proposed recordkeeping requirements is expected, to the extent that SNHD requests such records.

SECTION E – IF THE PROPOSED RULE PROVIDES A NEW FEE OR INCREASES AN EXISTING FEE, THE TOTAL ANNUAL AMOUNT THE LOCAL GOVERNMENT EXPECTS TO COLLECT AND THE MANNER IN WHICH THE MONEY WILL BE USED

Commercial ISDS

- The proposed expiration of ISDS Operating Permits after five years (currently there is no expiration date) will involve a new fee. These fees will be used to cover the staff time needed to implement the new program and work with the sewer authority, as needed, to evaluate whether the ISDS Operating Permit should be renewed for an additional five years or revoked, requiring the property to connect to the community sewage system. The proposed amount of the permit fee is $226. This proposed fee

was calculated by determining the desktop review time averaged for new ISDS applications. The average review time was then multiplied by the current (FY25-26) SNHD EH staff hourly rate ($159). For the 740 commercial ISDS permits, the revenue would be approximately $167,240 during the five-year permit time cycle. Staff plans to level load the permits and invoice them over the five-year cycle so that one-fifth is invoiced annually. The annual collection amount equates to $33,448).

Commercial Holding Tanks

- There will be no change to those facilities that are not eligible to obtain an operating permit. For those facilities with a long-term permanent holding tank, SNHD would see a loss in revenue since the annual reapplication fee would no longer apply to those facilities, as they would be eligible to apply for a five-year commercial holding tank permit. The revenue loss would be the sum of four years of annual reapplication fees. Using the current annual permit fee of $1,485, if the approximately 40 facilities with long-term permanent holding tanks obtain a five-year commercial holding tank permit, the lost revenue estimate is $237,600 (average annual equates to $59,400).

Liquid Waste Management Businesses

- This portion of the proposed regulations concerning liquid waste management will have no effect on EH division revenue.

SECTION F – IF THE PROPOSED RULE INCLUDES PROVISIONS WHICH DUPLICATE OR ARE MORE STRINGENT THAN FEDERAL, STATE, OR LOCAL STANDARDS REGULATING THE SAME ACTIVITY, AN EXPLANATION OF WHY SUCH DUPLICATIVE OR MORE STRINGENT PROVISIONS ARE NECESSARY

Commercial ISDS

- The proposed regulations include some duplication of state commercial ISDS standards in NAC 445A, but since SNHD issues a subset of commercial ISDS permits in Clark County, the proposed regulations are necessary to provide clarity to regulated businesses.

Commercial Holding Tanks

- The proposed regulations include some duplication of state commercial holding tank standards in NAC 445A, but since SNHD issues a subset of commercial holding tank permits in Clark County, the proposed regulations are necessary to provide clarity to regulated businesses.

Liquid Waste Management Businesses

- The proposed regulations include some duplication of state liquid waste management regulations in NAC 444, but since the current regulations already duplicate state liquid waste management standards, the proposed regulations are necessary to provide consistency and prevent confusion

among regulated liquid waste management businesses.

SECTION G – THE REASONS FOR THE CONCLUSIONS REGARDING THE IMPACT OF THE PROPOSED RULE ON BUSINESSES

SNHD has concluded that approval of the proposed 2025 ISDS/LWM Regulations, including the proposed $226 ISDS Operating Permit fee is not likely to impose a significant economic burden upon businesses or directly restrict the formation, operation, or expansion of businesses. While the proposed regulations do create new fees for some businesses, it also reduces fees for other businesses. SNHD is of the opinion that the proposed changes are considered necessary for better public health oversight of these systems, and the additional costs will have a minimal impact on individual businesses. Additionally, some of the burdens on industry will be reduced with the mitigation measures described in Section C, some of which will result in significant cost savings for businesses.

Pursuant to NRS 237.090, the Board of Health (BOH) will hold a PUBLIC HEARING considering this Business Impact Statement in-person at 280 South Decatur Boulevard and/or virtually on Thursday, August 28, 2025, at 9:00 a.m.

The BOH will review and consider approval of the proposed 2025 ISDS/LWM Regulations at a PUBLIC HEARING on Thursday, October 23, 2025, at 9:00 a.m. in-person at 280 South Decatur Boulevard and/or virtually.

I, Christopher Saxton, certify that, to the best of my knowledge or belief, the information contained in the statement was prepared properly and is accurate:

Christopher Saxton, MPH-EH, REHS — 08/05/2025
Director of Environmental Health — Date

Attachments:

Exhibit A: Summary of proposed 2025 ISDS/LWM Regulations Business Impact Surveys responses

Exhibit B: Summary of proposed ISDS Operating Permit Fee Business Impact Surveys responses

EXHIBIT A

SUMMARY OF RESPONSES TO BUSINESS IMPACT STATEMENT SURVEY QUESTIONS PROPOSED 2025 INDIVIDUAL SEWAGE DISPOSAL SYSTEM AND LIQUID WASTE MANAGEMENT

Comment Period: March 12 – April 27, 2025
Number of Survey Responses: 17 (1 duplicate) = 16 total responses

2 email responses cannot be categorized as they commented on the regulations and sewer connectivity (AB220) which is already codified.

Will the proposed changes to the *Individual Sewage Disposal System and Liquid Waste Management* Regulations impose a direct and significant economic burden on your business or the *Individual Sewage Disposal System and Liquid Waste Management* industry?

Yes = 9 Respondents
No = 3 Respondents
No response = 4 Respondents
Estimated Monetary Impact = Unknown – over $2M

- 5 respondents: “Unknown at this time.”, “It was impossible to quantify”, and “It’s hard to say.”
- 3 respondents: Permits and fees adding up such as insurance cost, construction cost, sewer connection cost.
- 1 respondent: Impact on record keeping – must keep an accurate log.
- 1 respondent: Loss of income from tenants, extended vacancies or inability to lease units during construction possible civil action from tenants.
- 1 respondent: 5-year re-permitting fee is a large burden.
- 1 respondent: Has an existing covenant with Nevada Department of Environmental Agency which does not allow them to disturb any part of the soil. Below is a rough breakdown of estimated costs to upgrade a commercial property to sewer from septic.

Item	Estimated Cost Range
Permit Fees (City + SNHD)	$2,500
Sewer Connection/Impact Fees	$6,000+ (based on usage/type)
Trenching & Piping to Street Sewer Line	$15,000+
Road Cutting & Restoration	$5,000
Abandoning/Decommissioning Septic Tank	$3,000
Engineering Plans (if needed)	$3,000
Plumber or Contractor Labor	$10,000+
Total Estimated Range $30,000+	

Will the proposed changes to the ISDS Regulations directly restrict the formation, operation, or expansion of your business or the *Individual Sewage Disposal System and Liquid Waste Management* industry?

Yes = 8 Respondents
No = 5 Respondents
No response = 5 Respondents

- 1 respondent: No comment.
- 1 respondent: No current plans to sell or expand.
- 2 respondents: Unknown.
- 4 respondents: Costs (excessive fees, third party costs, increased overhead) will create financial hardship and possibly result in layoffs or temporary closing the business. It will also potentially lead to an increase in product prices for my customers, which could affect my competitiveness in the market.
- 2 respondents: Site development will be impeded by the added regulations, possibly resulting in limited expansion or improvement.
- 1 respondent:

    1.Permit Renewal Constraints:
    The new requirement for 5-year operating permits—along with the provision that permit renewal may be denied if a gravity-accessible sewer line is adjacent—introduces uncertainty for legacy systems like mine. This could force a transition to the city sewer service even if the existing system is functioning properly.
    2. Cost and Site Disruption:
    Connecting to the sewer would impose a substantial financial burden, especially after investing approximately $1.8 million in contaminated soil remediation. Excavation to remove or abandon the existing septic system would risk re-disturbing environmentally sensitive areas that have just been stabilized, potentially creating regulatory, structural, and financial setbacks.
    3. Restrictions on Expansion or Redevelopment:
    The proposed changes—such as increased parcel size requirements, stricter site evaluations, and nitrogen system mandates—may limit my ability to expand or modify operations in the future. Even basic tenant improvements could now trigger permit modifications, inspections, and expensive upgrades.
    4. No Grandfathering Path for Some Changes:
    While existing properties are grandfathered in under some provisions, the lack of flexibility around operational renewals and transfer inspections (e.g., mandatory testing and third-party evaluations) creates long-term uncertainty for maintaining and planning around existing ISDS infrastructure.

Will the proposed changes to the ISDS Regulations have an estimated beneficial economic effect on your business or the *Individual Sewage Disposal System and Liquid Waste Management* industry?

Yes = 3 Respondents
No = 9 Respondents
No response = 4 Respondents
Estimated Monetary Impact = Unknown - $160K annually

- 3 respondents: Excessive cost to make a change to our current waste disposal system would create financial hardship and possibly result in layoffs. It will limit business options and there will be no revenue for an unknown period of time.
- 3 respondents: No benefit just an added cost.
- 2 respondent: No comment.
- 1 respondent: Unable to determine at this time.
- 1 respondent: Yes, there is potential for long-term economic benefit, particularly if the department considers adding a mandate for secondary safety features on all tank risers, aligned with the CSA B66 Standard. The addition of these safety features would significantly reduce the risk of accidental falls into septic tanks, which has become a growing concern nationally, especially for children. This additional safety measure would not only protect public health and safety but also help reduce liability and insurance costs for businesses involved in tank installation, maintenance, and servicing. Additionally, I wanted to complement the department with the proposed regulations around "Operating Permits" and "Time of Transfer" requirements. These rules help reduce ambiguity and support more sustainable system management, benefiting both businesses and property owners.

Do you anticipate any indirect economic effects to your business or the public accommodation industry as a result of the proposed changes to the *Individual Sewage Disposal System and Liquid Waste Management* Regulations?

Yes = 5 Respondents
No = 5 Respondents
No response = 5 Respondents

- 1 respondent: No comment.
- 1 respondent: Unable to determine at this time.

- 1 respondent: The proposed changes to the Individual Sewage Disposal System and Liquid Waste Management Regulations are expected to have indirect economic impacts on my business and the broader public accommodation industry.
- 1 respondent: My property operates with an older septic system that lacks formal permit records. The new requirements—such as third-party inspections, nitrogen evaluations, and the potential denial of operating permit renewals near sewer lines—introduce financial and regulatory uncertainty. We recently invested over 1 million in environmental remediation to address contaminated soil. Any mandate to abandon the septic system and connect to the municipal sewer would require excavation that could compromise that remediation and result in substantial additional costs. For similar businesses in rural or semi-rural areas, these regulations may discourage expansion, increase compliance costs, and limit long-term operational flexibility.
- 3 respondents: Business will create financial hardship and possibly result in layoffs. Delays and cost overruns will have a downstream or ripple effect on all projects and site developments in the State. These strains would translate into economic difficulties, financial hardships, and perhaps financial ruin both for the businesses and for PML Properties.
- 1 respondent: Yes, two specific areas of regulatory ambiguity may lead to broader economic effects if not addressed. First, in Section 8-3, it is unclear what other testing organizations or standards the department considers equivalent to NSF Standard 245. NSF 245 is a rigorous and widely recognized standard. If alternative testing is to be accepted, the department should clarify what is considered equivalent. This will ensure that only technologies meeting the proper performance thresholds are approved and will do well to protect our water. Second, in Section 8-4, the term "consistently fail" in the context of compliance sampling lacks a defined threshold. Establishing a clear, objective definition of sampling failure would benefit both the department and the industry. Specifically, it would help protect water quality by ensuring that underperforming systems are identified and addressed quickly rather than continuing to operate while determinations are made. This definition would also improve enforcement consistency.

EXHIBIT B

SUMMARY OF RESPONSES TO BUSINESS IMPACT STATEMENT SURVEY QUESTIONS PROPOSED INDIVIDUAL SEWAGE DISPOSAL SYSTEM OPERATING PERMIT FEE

Comment Period: July 7 – July 30, 2025
Number of Survey Responses: 21 Total Responses = 19*

**Two respondents who were sent survey notifications reported they are no longer on septic systems, but still filled out the survey. These two are not included in the BIS report tabulations.*

Will the proposed fee of $226 per 5-year interval for Individual Sewage Disposal System Operating permit impose a direct and significant economic burden on your business or the Individual Sewage Disposal System and Liquid Waste Management industry?

Yes = 9 Respondents (2 of the respondents indicated they no longer were using a septic system.)
No = 10 Respondents
Estimated Monetary Impact = $1,004 – over $2M, but many unknown
- 7 respondents: No comment.
- 3 respondents: “No impact”, “$226 dollars is fair”, and “No significant burden”
- 2 respondents: All fees and taxes cause an economic impact.
- 2 respondents: Business runs on low margins and/or isn’t “in profit”
- 1 respondent: Covid hurt the business.
- 1 respondent: Business is a non-profit and money will be taken away from veterans.
- 1 respondent: They are already paying $500-$600 a year to maintain the septic tank.

Will the proposed fee directly restrict the formation, operation, or expansion of your business or the Individual Sewage Disposal System and Liquid Waste Management industry?

Yes = 6 Respondents (1 respondent indicated they no longer were using a septic system.)
No = 12 Respondents

- 6 respondents: No comment.
- 1 respondent: Wants to connect to sewer, but the sewer does not reach them.
- 2 respondents: The proposed fee will “not effect” them.
- 3 respondents: Business are not in profit or run on low margins. Also non-profit businesses that survive on donations.
- 1 respondent: The fee appears minor but helps create cumulative obstacles towards property improvement.
- 1 respondent: The proposed fee may diminish the value of the property. A potential buyer of the business or property may be discouraged due to the fee.

Will the proposed fee have an estimated beneficial economic effect on your business or the Individual Sewage Disposal System and Liquid Waste Management industry?

Yes = 2 Respondents
No = 16 Respondents (1 respondent indicated they no longer were using a septic system.)
Estimated Monetary Impact = $0

- 9 respondents: No comment.
- 5 respondents: No benefit just an added cost.
- 1 respondent: A fee that expands bureaucracy and adds red tape serves only to sustain the bureaucracy itself. For businesses, the cost isn’t just financial, it’s lost time, delayed projects, and diminished opportunity. While the system

grows, we bear the consequences.
- 1 respondent: Main income is tithes, donations and offerings.
- 1 respondent: The existing septic system has been in place and functioning properly for approximately 40 years there is no benefit. The health of the septic system is not in question nor is its longevity.

Do you anticipate any indirect economic effects to your business or the Individual Sewage Disposal System and Liquid Waste Management industry as a result of the proposed fee?

Yes = 6 Respondents (1 respondent indicated they no longer were using a septic system.)
No = 12 Respondents

- 1 respondent: I will have less money to operate the business.
- 1 respondent: This will price small businesses out of business.
- 2 respondents: It will have no effect.
- 1 respondent: Yes “As detailed in our SNHD April 2025 Business Impact Survery Response submitted to you on 04/21/2025, the value of the property located at 3990 West Russell Road in Clark County, Nevada and of PML Properties, LTD. will be diminished. Also, many businesses in the center servicing the community would be placed under “undo” and unnecessary strains should a conversion be mandated. These strains would translate into economic difficulties, financial hardships, and perhaps financial ruin for both businesses and PML Properties.
- 1 respondent: Childcare centers run on low margins.
- 11 respondents: No comment.

Attachment B

Proposed Regulations BIS Surveys/Written Correspondence

View results

Respondent

2 Anonymous

07:39
Time to complete

1. Business Organization Name *

GSL Southern Nevada Properties LLC

2. Name of Person Completing Survey *

Tom Jensen

3. **Will the proposed changes to the** *Individual Sewage Disposal System and Liquid Waste Management* **Regulations impose a direct and significant economic burden on your business or the** *Individual Sewage Disposal System and Liquid Waste Management* **industry?**

- ○ Yes
- ◉ No

4. Please Explain Your Answer From Above

More permits and fees are becoming burdensome Sewage connection more 1000 feet away,

5. Estimate in Dollars

unknown at this time , but inspections, permits and fees add up

6. **Will the proposed changes to the ISDS Regulations directly restrict the formation, operation, or expansion of your business or the** *Individual Sewage Disposal System and Liquid Waste Management* **industry?**

- ◉ Yes
- ○ No

7. Please Explain Your Answer From Above

more fees, third party costs, obviously increase overhead and make fewer dollars available for operations

8. **Will the proposed changes to the ISDS Regulations have an estimated beneficial economic effect on your business or the** *Individual Sewage Disposal System and Liquid Waste Management* **industry?**

- ○ Yes
- ◉ No

9. Please Explain Your Answer From Above

none

10. Estimate in Dollars

none

11. **Do you anticipate any indirect economic effects to your business or the public accommodation industry as a result of the proposed changes to the** *Individual Sewage Disposal System and Liquid Waste Management* **Regulations?**

- ○ Yes
- ◉ No

12. Please Explain Your Answer From Above

For questions regarding this survey, contact the ISDS program at septics@snhd.org or (702) 759-0660. Please return this form no later than April 27, 2025. Complete the online survey, email to septics@snhd.org, mail to Southern Nevada Health District, EH Engineering Program, PO Box 3902, Las Vegas, NV 89127, or deliver in person to 280 S Decatur, Las Vegas, NV 89107. **Responses must be received no later than April 27 at 11:59 PM PT, 2025**. Responses received after this date will not be considered. If completing the survey online, the link to the survey at the above website will no longer be active after that date.

View results

Respondent

3 Anonymous

08:48
Time to complete

1. Business Organization Name *

chavez tony marco LLC

2. Name of Person Completing Survey *

antonio chavez and jerry weinstein

3. **Will the proposed changes to the** *Individual Sewage Disposal System and Liquid Waste Management* **Regulations impose a direct and significant economic burden on your business or the** *Individual Sewage Disposal System and Liquid Waste Management* **industry?**

- (●) Yes
- ( ) No

4. Please Explain Your Answer From Above

cant afford cost of conversion

5. Estimate in Dollars

we are a beauty salon and have many water connections which all would have to be converted 40,000 not sure of costs have over 30 diff water connections

6. **Will the proposed changes to the ISDS Regulations directly restrict the formation, operation, or expansion of your business or the** *Individual Sewage Disposal System and Liquid Waste Management* **industry?**

- ( ) Yes
- (●) No

7. Please Explain Your Answer From Above

8. **Will the proposed changes to the ISDS Regulations have an estimated beneficial economic effect on your business or the** *Individual Sewage Disposal System and Liquid Waste Management* **industry?**

- ○ Yes
- ◉ No

9. Please Explain Your Answer From Above

10. Estimate in Dollars

11. **Do you anticipate any indirect economic effects to your business or the public accommodation industry as a result of the proposed changes to the** *Individual Sewage Disposal System and Liquid Waste Management* **Regulations?**

- ○ Yes
- ◉ No

12. Please Explain Your Answer From Above

For questions regarding this survey, contact the ISDS program at septics@snhd.org or (702) 759-0660. Please return this form no later than April 27, 2025. Complete the online survey, email to septics@snhd.org, mail to Southern Nevada Health District, EH Engineering Program, PO Box 3902, Las Vegas, NV 89127, or deliver in person to 280 S Decatur, Las Vegas, NV 89107. **Responses must be received no later than April 27 at 11:59 PM PT, 2025**. Responses received after this date will not be considered. If completing the survey online, the link to the survey at the above website will no longer be active after that date.

View results

Respondent

4 Anonymous

04:16
Time to complete

1. Business Organization Name *

Redwood Gary Development LLC

2. Name of Person Completing Survey *

Billy Johnson

3. **Will the proposed changes to the** *Individual Sewage Disposal System and Liquid Waste Management* **Regulations impose a direct and significant economic burden on your business or the** *Individual Sewage Disposal System and Liquid Waste Management* **industry?**

- (●) Yes
- ( ) No

4. Please Explain Your Answer From Above

We are a small business with very small margins for profit. Any excessive cost to make a change to our current waste disposal system would create a financial hardship and possibly result in layoffs.

5. Estimate in Dollars

Unknown, as for as I know the closest sewer pipe is over 2 blocks away. Estimate over a million dollars.

6. **Will the proposed changes to the ISDS Regulations directly restrict the formation, operation, or expansion of your business or the** *Individual Sewage Disposal System and Liquid Waste Management* **industry?**

- (●) Yes
- ( ) No

7. Please Explain Your Answer From Above

We are a small business with very small margins for profit. Any excessive cost to make a change to our current waste disposal system would create a financial hardship and possibly result in layoffs.

8. **Will the proposed changes to the ISDS Regulations have an estimated beneficial economic effect on your business or the** *Individual Sewage Disposal System and Liquid Waste Management* **industry?**

- (●) Yes
- ( ) No

9. Please Explain Your Answer From Above

We are a small business with very small margins for profit. Any excessive cost to make a change to our current waste disposal system would create a financial hardship and possibly result in layoffs.

10. Estimate in Dollars

Unknown

11. **Do you anticipate any indirect economic effects to your business or the public accommodation industry as a result of the proposed changes to the** *Individual Sewage Disposal System and Liquid Waste Management* **Regulations?**

- (●) Yes
- ( ) No

12. Please Explain Your Answer From Above

We are a small business with very small margins for profit. Any excessive cost to make a change to our current waste disposal system would create a financial hardship and possibly result in layoffs.

For questions regarding this survey, contact the ISDS program at septics@snhd.org or (702) 759-0660. Please return this form no later than April 27, 2025. Complete the online survey, email to septics@snhd.org, mail to Southern Nevada Health District, EH Engineering Program, PO Box 3902, Las Vegas, NV 89127, or deliver in person to 280 S Decatur, Las Vegas, NV 89107. **Responses must be received no later than April 27 at 11:59 PM PT, 2025**. Responses received after this date will not be considered. If completing the survey online, the link to the survey at the above website will no longer be active after that date.

View results

Respondent

5 Anonymous

03:15
Time to complete

1. Business Organization Name *

Pipe Maintenance Service

2. Name of Person Completing Survey *

Ben Camacho, Director of Compliance

3. **Will the proposed changes to the** *Individual Sewage Disposal System and Liquid Waste Management* **Regulations impose a direct and significant economic burden on your business or the** *Individual Sewage Disposal System and Liquid Waste Management* **industry?**

- ○ Yes
- ◉ No

4. Please Explain Your Answer From Above

We attending 4/1/25 meeting and the only real impact would be in record keeping. It will be necessary to keep an accurate log of material picked up and disposed of. We currently do this so it won't be a burden for us.

5. Estimate in Dollars

N/A

6. **Will the proposed changes to the ISDS Regulations directly restrict the formation, operation, or expansion of your business or the** *Individual Sewage Disposal System and Liquid Waste Management* **industry?**

- ○ Yes
- ◉ No

7. Please Explain Your Answer From Above

No comment

8. **Will the proposed changes to the ISDS Regulations have an estimated beneficial economic effect on your business or the** *Individual Sewage Disposal System and Liquid Waste Management* **industry?**

- ○ Yes
- ◉ No

9. Please Explain Your Answer From Above

no comment

10. Estimate in Dollars

N/A

11. **Do you anticipate any indirect economic effects to your business or the public accommodation industry as a result of the proposed changes to the** *Individual Sewage Disposal System and Liquid Waste Management* **Regulations?**

- ○ Yes
- ◉ No

12. Please Explain Your Answer From Above

no comment

For questions regarding this survey, contact the ISDS program at septics@snhd.org or (702) 759-0660. Please return this form no later than April 27, 2025. Complete the online survey, email to septics@snhd.org, mail to Southern Nevada Health District, EH Engineering Program, PO Box 3902, Las Vegas, NV 89127, or deliver in person to 280 S Decatur, Las Vegas, NV 89107. **Responses must be received no later than April 27 at 11:59 PM PT, 2025**. Responses received after this date will not be considered. If completing the survey online, the link to the survey at the above website will no longer be active after that date.

View results

Respondent

6 Anonymous

21:01
Time to complete

1. Business Organization Name *

Adobe Electric

2. Name of Person Completing Survey *

G.P. Loeffler

3. **Will the proposed changes to the** *Individual Sewage Disposal System and Liquid Waste Management* **Regulations impose a direct and significant economic burden on your business or the** *Individual Sewage Disposal System and Liquid Waste Management* **industry?**

- (●) Yes
- ( ) No

4. Please Explain Your Answer From Above

Sewer is available in front of our property on Tompkins Ave. When the sewer was install we for a connection and were refused. This will now be as major project for a small as the sewer is deep and the street is narrow.

5. Estimate in Dollars

Preliminary estimates for engineering, construction, traffic control and third party overwatch are $175,000 to $200,000

6. **Will the proposed changes to the ISDS Regulations directly restrict the formation, operation, or expansion of your business or the** *Individual Sewage Disposal System and Liquid Waste Management* **industry?**

- (●) Yes
- ( ) No

7. Please Explain Your Answer From Above

Access to the property would be limited during construction which would effect shipping and receiving of goods essential to the daily operation of our business.

8. **Will the proposed changes to the ISDS Regulations have an estimated beneficial economic effect on your business or the** *Individual Sewage Disposal System and Liquid Waste Management* **industry?**

- ○ Yes
- ◉ No

9. Please Explain Your Answer From Above

10. Estimate in Dollars

11. **Do you anticipate any indirect economic effects to your business or the public accommodation industry as a result of the proposed changes to the** *Individual Sewage Disposal System and Liquid Waste Management* **Regulations?**

- ○ Yes
- ○ No

12. Please Explain Your Answer From Above

For questions regarding this survey, contact the ISDS program at septics@snhd.org or (702) 759-0660. Please return this form no later than April 27, 2025. Complete the online survey, email to septics@snhd.org, mail to Southern Nevada Health District, EH Engineering Program, PO Box 3902, Las Vegas, NV 89127, or deliver in person to 280 S Decatur, Las Vegas, NV 89107. **Responses must be received no later than April 27 at 11:59 PM PT, 2025**. Responses received after this date will not be considered. If completing the survey online, the link to the survey at the above website will no longer be active after that date.

View results

Respondent

7 Anonymous

07:05
Time to complete

1. Business Organization Name *

Adobe Electric - REVISED

2. Name of Person Completing Survey *

G. P. Loeffler

3. **Will the proposed changes to the** *Individual Sewage Disposal System and Liquid Waste Management* **Regulations impose a direct and significant economic burden on your business or the** *Individual Sewage Disposal System and Liquid Waste Management* **industry?**

- (●) Yes
- ( ) No

4. Please Explain Your Answer From Above

Sewer is available in front of our property on Tompkins Ave. When the sewer was installed we requested a connection and were refused. This will now be a major project for a small business as the sewer is deep and the street is narrow. The existing sewer is also a very large line and as such Clark County Water Reclamation will probably require additional modifications to their line.

5. Estimate in Dollars

Preliminary estimates for engineering, construction, traffic control and third party overwatch are $175,000 to $200,000

6. **Will the proposed changes to the ISDS Regulations directly restrict the formation, operation, or expansion of your business or the** *Individual Sewage Disposal System and Liquid Waste Management* **industry?**

- ( ) Yes
- ( ) No

7. Please Explain Your Answer From Above

8. **Will the proposed changes to the ISDS Regulations have an estimated beneficial economic effect on your business or the** *Individual Sewage Disposal System and Liquid Waste Management* **industry?**

- ○ Yes
- ○ No

9. Please Explain Your Answer From Above

10. Estimate in Dollars

11. **Do you anticipate any indirect economic effects to your business or the public accommodation industry as a result of the proposed changes to the** *Individual Sewage Disposal System and Liquid Waste Management* **Regulations?**

- ○ Yes
- ○ No

12. Please Explain Your Answer From Above

For questions regarding this survey, contact the ISDS program at septics@snhd.org or (702) 759-0660. Please return this form no later than April 27, 2025. Complete the online survey, email to septics@snhd.org, mail to Southern Nevada Health District, EH Engineering Program, PO Box 3902, Las Vegas, NV 89127, or deliver in person to 280 S Decatur, Las Vegas, NV 89107. **Responses must be received no later than April 27 at 11:59 PM PT, 2025**. Responses received after this date will not be considered. If completing the survey online, the link to the survey at the above website will no longer be active after that date.

View results

Respondent

8 Anonymous

16:18
Time to complete

1. Business Organization Name *

Boat Storage

2. Name of Person Completing Survey *

Laird Sanders

3. **Will the proposed changes to the** *Individual Sewage Disposal System and Liquid Waste Management* **Regulations impose a direct and significant economic burden on your business or the** *Individual Sewage Disposal System and Liquid Waste Management* **industry?**

- (●) Yes
- ( ) No

4. Please Explain Your Answer From Above

Hello,

Below is a rough breakdown of estimated costs to upgrade a commercial property to sewer from septic. This was not factored into our budget and this immediate impact could compromise the future of our business. We also have a covenant in place that will not allow us to disturb any of the soil underneath our existing asphalt. We cannot compromise our covenant with Nevada Department of Environmental Agency to accommodate septic upgrades.

Item Estimated Cost Range

Permit Fees (City + SNHD) $2,500
Sewer Connection/Impact Fees $6,000+ (based on usage/type)
Trenching & Piping to Street Sewer Line $15,000+
Road Cutting & Restoration $5,000
Abandoning/Decommissioning Septic Tank $3,000
Engineering Plans (if needed) $3,000
Plumber or Contractor Labor $10,000+
Total Estimated Range $30,000+

5. Estimate in Dollars

1.23 million

6. **Will the proposed changes to the ISDS Regulations directly restrict the formation, operation, or expansion of your business or the** *Individual Sewage Disposal System and Liquid Waste Management* **industry?**

- (●) Yes
- ( ) No

7. Please Explain Your Answer From Above

1. Permit Renewal Constraints:
The new requirement for 5-year operating permits—along with the provision that permit renewal may be denied if a gravity-accessible sewer line is adjacent—introduces uncertainty for legacy systems like mine. This could force a transition to city sewer service even if the existing system is functioning properly.
2. Cost and Site Disruption:
Connecting to the sewer would impose a substantial financial burden, especially after recently investing approximately $1.8 million in contaminated soil remediation. Excavation to remove or abandon the existing septic system would risk re-disturbing environmentally sensitive areas that have just been stabilized, potentially creating regulatory, structural, and financial setbacks.
3. Restrictions on Expansion or Redevelopment:
The proposed changes—such as increased parcel size requirements, stricter site evaluations, and nitrogen system mandates—may limit my ability to expand or modify operations in the future. Even basic tenant improvements could now trigger permit modifications, inspections, and expensive upgrades.
4. No Grandfathering Path for Some Changes:
While existing properties are grandfathered in under some provisions, the lack of flexibility around operational renewals and transfer inspections (e.g., mandatory testing and third-party evaluations) creates long-term uncertainty for maintaining and planning around existing ISDS infrastructure.

8. **Will the proposed changes to the ISDS Regulations have an estimated beneficial economic effect on your business or the** *Individual Sewage Disposal System and Liquid Waste Management* **industry?**

- ( ) Yes
- (●) No

9. Please Explain Your Answer From Above

10. Estimate in Dollars

11. **Do you anticipate any indirect economic effects to your business or the public accommodation industry as a result of the proposed changes to the** *Individual Sewage Disposal System and Liquid Waste Management* **Regulations?**

- ○ Yes
- ○ No

12. Please Explain Your Answer From Above

The proposed changes to the Individual Sewage Disposal System and Liquid Waste Management Regulations are expected to have indirect economic impacts on my business and the broader public accommodation industry.

My property operates with an older septic system that lacks formal permit records. The new requirements—such as third-party inspections, nitrogen evaluations, and the potential denial of operating permit renewals near sewer lines—introduce financial and regulatory uncertainty.

We recently invested over 1 million in environmental remediation to address contaminated soil. Any mandate to abandon the septic system and connect to the municipal sewer would require excavation that could compromise that remediation and result in substantial additional costs.

For similar businesses in rural or semi-rural areas, these regulations may discourage expansion, increase compliance costs, and limit long-term operational flexibility.

For questions regarding this survey, contact the ISDS program at septics@snhd.org or (702) 759-0660. Please return this form no later than April 27, 2025. Complete the online survey, email to septics@snhd.org, mail to Southern Nevada Health District, EH Engineering Program, PO Box 3902, Las Vegas, NV 89127, or deliver in person to 280 S Decatur, Las Vegas, NV 89107. **Responses must be received no later than April 27 at 11:59 PM PT, 2025**. Responses received after this date will not be considered. If completing the survey online, the link to the survey at the above website will no longer be active after that date.

View results

Respondent

9 Anonymous

05:49
Time to complete

1. Business Organization Name *

GIU INC

2. Name of Person Completing Survey *

ROSEN M RUSINOV

3. **Will the proposed changes to the** *Individual Sewage Disposal System and Liquid Waste Management* **Regulations impose a direct and significant economic burden on your business or the** *Individual Sewage Disposal System and Liquid Waste Management* **industry?**

- (●) Yes
- ( ) No

4. Please Explain Your Answer From Above

TEMPORARY CLOSING THE ALL RENTAL UNITS/TIME UNKNOWN

5. Estimate in Dollars

$160 000 ANNUALLY

6. **Will the proposed changes to the ISDS Regulations directly restrict the formation, operation, or expansion of your business or the** *Individual Sewage Disposal System and Liquid Waste Management* **industry?**

- (●) Yes
- ( ) No

7. Please Explain Your Answer From Above

TEMPORARY CLOSING THE BUSINESSES

8. **Will the proposed changes to the ISDS Regulations have an estimated beneficial economic effect on your business or the** *Individual Sewage Disposal System and Liquid Waste Management* **industry?**

- (●) Yes
- ( ) No

9. Please Explain Your Answer From Above

NO REVENUE FOR UNKNOWN PERIOD OF TIME

10. Estimate in Dollars

$160 000 ANNUALLY

11. **Do you anticipate any indirect economic effects to your business or the public accommodation industry as a result of the proposed changes to the** *Individual Sewage Disposal System and Liquid Waste Management* **Regulations?**

- (●) Yes
- ( ) No

12. Please Explain Your Answer From Above

TERMINATION OF CONTRACTS DO NOT ABLE TO PARTICIPATE BUSINESS

For questions regarding this survey, contact the ISDS program at septics@snhd.org or (702) 759-0660. Please return this form no later than April 27, 2025. Complete the online survey, email to septics@snhd.org, mail to Southern Nevada Health District, EH Engineering Program, PO Box 3902, Las Vegas, NV 89127, or deliver in person to 280 S Decatur, Las Vegas, NV 89107. **Responses must be received no later than April 27 at 11:59 PM PT, 2025**. Responses received after this date will not be considered. If completing the survey online, the link to the survey at the above website will no longer be active after that date.

View results

Respondent

10 Anonymous

16:12
Time to complete

1. Business Organization Name *

Las Vegas Paving

2. Name of Person Completing Survey *

Danny Fitzgerald

3. **Will the proposed changes to the** *Individual Sewage Disposal System and Liquid Waste Management* **Regulations impose a direct and significant economic burden on your business or the** *Individual Sewage Disposal System and Liquid Waste Management* **industry?**

- (●) Yes
- ( ) No

4. Please Explain Your Answer From Above

The new (additional) requirements for transfer of land or subdividing parcels will slow down and increase cost to develop sites. This could result in lost opportunity and deter improvements. Also, adding annual inspections of ISDS systems will create new fees and will very likely cause delays or non-compliance if inspectors are not available - adding unnecessary risk to our business.

5. Estimate in Dollars

impossible to quantify - but significant and substantial.

6. **Will the proposed changes to the ISDS Regulations directly restrict the formation, operation, or expansion of your business or the** *Individual Sewage Disposal System and Liquid Waste Management* **industry?**

- (●) Yes
- ( ) No

7. Please Explain Your Answer From Above

Site development will be impeded by the added regulations, possibly resulting in limited expansion or improvement.

8. **Will the proposed changes to the ISDS Regulations have an estimated beneficial economic effect on your business or the** *Individual Sewage Disposal System and Liquid Waste Management* **industry?**

- ○ Yes
- ◉ No

9. Please Explain Your Answer From Above

Increased regulation will only limit the business options, which is never beneficial.

10. Estimate in Dollars

impossible to quantify - but significant and substantial.

11. **Do you anticipate any indirect economic effects to your business or the public accommodation industry as a result of the proposed changes to the** *Individual Sewage Disposal System and Liquid Waste Management* **Regulations?**

- ◉ Yes
- ○ No

12. Please Explain Your Answer From Above

Our business will be indirectly effected in a negative way if neighbors or other development projects are delayed due to these cumbersome regulations. Delays and cost overruns will have a downstream or ripple effect on all projects and site developments in the State.

For questions regarding this survey, contact the ISDS program at septics@snhd.org or (702) 759-0660. Please return this form no later than April 27, 2025. Complete the online survey, email to septics@snhd.org, mail to Southern Nevada Health District, EH Engineering Program, PO Box 3902, Las Vegas, NV 89127, or deliver in person to 280 S Decatur, Las Vegas, NV 89107. **Responses must be received no later than April 27 at 11:59 PM PT, 2025**. Responses received after this date will not be considered. If completing the survey online, the link to the survey at the above website will no longer be active after that date.

View results

Respondent

11 Anonymous

04:49
Time to complete

1. Business Organization Name *

Besuden Trust

2. Name of Person Completing Survey *

Henry Besuden

3. **Will the proposed changes to the** *Individual Sewage Disposal System and Liquid Waste Management* **Regulations impose a direct and significant economic burden on your business or the** *Individual Sewage Disposal System and Liquid Waste Management* **industry?**

- (●) Yes
- ( ) No

4. Please Explain Your Answer From Above

We bear the entire burden of maintenance of the septic system. The additional costs of inspections, etc will constitute an economic burden.

5. Estimate in Dollars

Unknown

6. **Will the proposed changes to the ISDS Regulations directly restrict the formation, operation, or expansion of your business or the** *Individual Sewage Disposal System and Liquid Waste Management* **industry?**

- (●) Yes
- ( ) No

7. Please Explain Your Answer From Above

Economic impact is unknown

8. **Will the proposed changes to the ISDS Regulations have an estimated beneficial economic effect on your business or the** *Individual Sewage Disposal System and Liquid Waste Management* **industry?**

- ○ Yes
- ◉ No

9. Please Explain Your Answer From Above

Unless offered an opportunity to connect to the sanitary sewer system.

10. Estimate in Dollars

Unknown

11. **Do you anticipate any indirect economic effects to your business or the public accommodation industry as a result of the proposed changes to the** *Individual Sewage Disposal System and Liquid Waste Management* **Regulations?**

- ○ Yes
- ◉ No

12. Please Explain Your Answer From Above

For questions regarding this survey, contact the ISDS program at septics@snhd.org or (702) 759-0660. Please return this form no later than April 27, 2025. Complete the online survey, email to septics@snhd.org, mail to Southern Nevada Health District, EH Engineering Program, PO Box 3902, Las Vegas, NV 89127, or deliver in person to 280 S Decatur, Las Vegas, NV 89107. **Responses must be received no later than April 27 at 11:59 PM PT, 2025**. Responses received after this date will not be considered. If completing the survey online, the link to the survey at the above website will no longer be active after that date.

View results

Respondent

12 Anonymous

15:24
Time to complete

1. Business Organization Name *

Las Vegas Church of the Nazarene

2. Name of Person Completing Survey *

Mike Hubsky

3. **Will the proposed changes to the** *Individual Sewage Disposal System and Liquid Waste Management* **Regulations impose a direct and significant economic burden on your business or the** *Individual Sewage Disposal System and Liquid Waste Management* **industry?**

- ○ Yes
- ◉ No

4. Please Explain Your Answer From Above

the change will impact our costs requiring the inspection.

5. Estimate in Dollars

$400/year

6. **Will the proposed changes to the ISDS Regulations directly restrict the formation, operation, or expansion of your business or the** *Individual Sewage Disposal System and Liquid Waste Management* **industry?**

- ○ Yes
- ◉ No

7. Please Explain Your Answer From Above

No current plans to sell or expand

8. **Will the proposed changes to the ISDS Regulations have an estimated beneficial economic effect on your business or the** *Individual Sewage Disposal System and Liquid Waste Management* **industry?**

- ○ Yes
- ◉ No

9. Please Explain Your Answer From Above

No benefit just an added cost.

10. Estimate in Dollars

same as aabove

11. **Do you anticipate any indirect economic effects to your business or the public accommodation industry as a result of the proposed changes to the** *Individual Sewage Disposal System and Liquid Waste Management* **Regulations?**

- ○ Yes
- ◉ No

12. Please Explain Your Answer From Above

For questions regarding this survey, contact the ISDS program at septics@snhd.org or (702) 759-0660. Please return this form no later than April 27, 2025. Complete the online survey, email to septics@snhd.org, mail to Southern Nevada Health District, EH Engineering Program, PO Box 3902, Las Vegas, NV 89127, or deliver in person to 280 S Decatur, Las Vegas, NV 89107. **Responses must be received no later than April 27 at 11:59 PM PT, 2025**. Responses received after this date will not be considered. If completing the survey online, the link to the survey at the above website will no longer be active after that date.

View results

Respondent

13 Anonymous

08:21
Time to complete

1. Business Organization Name *

ANGEL VARGAS

2. Name of Person Completing Survey *

ANGEL VARGAS

3. **Will the proposed changes to the** *Individual Sewage Disposal System and Liquid Waste Management* **Regulations impose a direct and significant economic burden on your business or the** *Individual Sewage Disposal System and Liquid Waste Management* **industry?**

- (●) Yes
- ( ) No

4. Please Explain Your Answer From Above

I don't have the resources currently. The future is unknown and so this could change. I need to have this for the next 10 years.

5. Estimate in Dollars

It is hard to say because the sewage is far away from me right now and I can't afford it.

6. **Will the proposed changes to the ISDS Regulations directly restrict the formation, operation, or expansion of your business or the** *Individual Sewage Disposal System and Liquid Waste Management* **industry?**

- (●) Yes
- ( ) No

7. Please Explain Your Answer From Above

The cost would restrict the expansion of my business.

8. **Will the proposed changes to the ISDS Regulations have an estimated beneficial economic effect on your business or the** *Individual Sewage Disposal System and Liquid Waste Management* **industry?**

- ○ Yes
- ◉ No

9. Please Explain Your Answer From Above

I don't see how.

10. Estimate in Dollars

I don't know.

11. **Do you anticipate any indirect economic effects to your business or the public accommodation industry as a result of the proposed changes to the** *Individual Sewage Disposal System and Liquid Waste Management* **Regulations?**

- ◉ Yes
- ○ No

12. Please Explain Your Answer From Above

Yes, because it will cost more money that I don't have.

For questions regarding this survey, contact the ISDS program at septics@snhd.org or (702) 759-0660. Please return this form no later than April 27, 2025. Complete the online survey, email to septics@snhd.org, mail to Southern Nevada Health District, EH Engineering Program, PO Box 3902, Las Vegas, NV 89127, or deliver in person to 280 S Decatur, Las Vegas, NV 89107. **Responses must be received no later than April 27 at 11:59 PM PT, 2025**. Responses received after this date will not be considered. If completing the survey online, the link to the survey at the above website will no longer be active after that date.

View results

Respondent

14 Anonymous

16:28
Time to complete

1. Business Organization Name *

Orenco Systems, Inc.

2. Name of Person Completing Survey *

Mark Schaefer

3. **Will the proposed changes to the** *Individual Sewage Disposal System and Liquid Waste Management* **Regulations impose a direct and significant economic burden on your business or the** *Individual Sewage Disposal System and Liquid Waste Management* **industry?**

- ◯ Yes
- ◯ No

4. Please Explain Your Answer From Above

5. Estimate in Dollars

6. **Will the proposed changes to the ISDS Regulations directly restrict the formation, operation, or expansion of your business or the** *Individual Sewage Disposal System and Liquid Waste Management* **industry?**

- ◯ Yes
- ◯ No

7. Please Explain Your Answer From Above

8. **Will the proposed changes to the ISDS Regulations have an estimated beneficial economic effect on your business or the** *Individual Sewage Disposal System and Liquid Waste Management* **industry?**

- (●) Yes
- ( ) No

9. Please Explain Your Answer From Above

Yes, there is potential for long-term economic benefit, particularly if the department considers adding a mandate for secondary safety features on all tank risers, aligned with the CSA B66 Standard. The addition of these safety features would significantly reduce the risk of accidental falls into septic tanks, which has become a growing concern nationally, especially for children. This additional safety measure would not only protect public health and safety, but also help reduce liability and insurance costs for businesses involved in tank installation, maintenance, and servicing. Additionally, I wanted to complement the department on the proposed regulations around "Operating Permits" and "Time of Transfer" requirements. These rules help reduce ambiguity and support more sustainable system management, benefiting both businesses and property owners.

10. Estimate in Dollars

11. **Do you anticipate any indirect economic effects to your business or the public accommodation industry as a result of the proposed changes to the** *Individual Sewage Disposal System and Liquid Waste Management* **Regulations?**

- (●) Yes
- ( ) No

12. Please Explain Your Answer From Above

Yes, two specific areas of regulatory ambiguity may lead to broader economic effects if not addressed. First, in Section 8-3, it is unclear what other testing organizations or standards the department considers equivalent to NSF Standard 245. NSF 245 is a rigorous and widely recognized standard. If alternative testing is to be accepted, the department should clarify what is considered equivalent. This will ensure that only technologies meeting the proper performance thresholds are approved and will do well to protect our water. Second, in Section 8-4, the term "consistently fail" in the context of compliance sampling lacks a defined threshold. Establishing a clear, objective definition of sampling failure would benefit both the department and the industry. Specifically, it would help protect water quality by ensuring that underperforming systems are identified and addressed quickly rather than continuing to operate while determinations are made. This definition would also improve enforcement consistency.

For questions regarding this survey, contact the ISDS program at septics@snhd.org or (702) 759-0660. Please return this form no later than April 27, 2025. Complete the online survey, email to septics@snhd.org, mail to Southern Nevada Health District, EH Engineering Program, PO Box 3902, Las Vegas, NV 89127, or deliver in person to 280 S Decatur, Las Vegas, NV 89107. **Responses must be received no later than April 27 at 11:59 PM PT, 2025**. Responses received after this date will not be considered. If completing the survey online, the link to the survey at the above website will no longer be active after that date.

View results

Respondent

15 Anonymous

06:21
Time to complete

1. Business Organization Name *

Upland Bible Church

2. Name of Person Completing Survey *

Al Bingham

3. **Will the proposed changes to the** *Individual Sewage Disposal System and Liquid Waste Management* **Regulations impose a direct and significant economic burden on your business or the** *Individual Sewage Disposal System and Liquid Waste Management* **industry?**

- ◯ Yes
- ◯ No

4. Please Explain Your Answer From Above

Unable to determine at this time. As written, we anticipate no significant economic burden from the proposed changes, but we'd appreciate the opportunity to discuss our situation with SNHD staff.

5. Estimate in Dollars

6. **Will the proposed changes to the ISDS Regulations directly restrict the formation, operation, or expansion of your business or the** *Individual Sewage Disposal System and Liquid Waste Management* **industry?**

- ◯ Yes
- ◯ No

7. Please Explain Your Answer From Above

Unable to determine at this time. As written, we anticipate no restrictions on our operations from the proposed changes, but we'd appreciate the opportunity to discuss our situation with SNHD staff.

8. **Will the proposed changes to the ISDS Regulations have an estimated beneficial economic effect on your business or the** *Individual Sewage Disposal System and Liquid Waste Management* **industry?**

- ○ Yes
- ○ No

9. Please Explain Your Answer From Above

Unable to determine at this time. As written, we anticipate no beneficial economic effect from the proposed changes, but we'd appreciate the opportunity to discuss our situation with SNHD staff.

10. Estimate in Dollars

11. **Do you anticipate any indirect economic effects to your business or the public accommodation industry as a result of the proposed changes to the** *Individual Sewage Disposal System and Liquid Waste Management* **Regulations?**

- ○ Yes
- ○ No

12. Please Explain Your Answer From Above

Unable to determine at this time. As written, we anticipate no indirect economic effects from the proposed changes, but we'd appreciate the opportunity to discuss our situation with SNHD staff.

For questions regarding this survey, contact the ISDS program at septics@snhd.org or (702) 759-0660. Please return this form no later than April 27, 2025. Complete the online survey, email to septics@snhd.org, mail to Southern Nevada Health District, EH Engineering Program, PO Box 3902, Las Vegas, NV 89127, or deliver in person to 280 S Decatur, Las Vegas, NV 89107. **Responses must be received no later than April 27 at 11:59 PM PT, 2025**. Responses received after this date will not be considered. If completing the survey online, the link to the survey at the above website will no longer be active after that date.

Business Impact Survey -
Proposed Individual Sewage Disposal System and Liquid Waste Management Regulations

Please complete and return this business impact survey for the proposed changes to the *Individual Sewage Disposal System and Liquid Waste Management* Regulations. You can include any data or arguments that are relevant and add additional pages as necessary to complete your responses. A copy of the proposed changes to the regulations can be found at https://www.snhd.info/permits-and-regulations/sewage-septic-disposal-systems-isds/. Please review the regulations thoroughly to assist with your response. This survey may also be completed online at the following website: www.snhd.info/public-notices.php

Required

1. Business Organization Name

PML Properties, LTD. (*Owner: 3990 West Russell Road*)

2. Name of Person Completing Survey

Terence Lording, Manager of PML Properties, LTD.

3. **Will the proposed changes to the *Individual Sewage Disposal System and Liquid Waste Management* Regulations impose a direct and significant economic burden on your business or the *Individual Sewage Disposal System and Liquid Waste Management* industry?**

Yes

4. Please Explain Your Answer From Above

The proposed changes will impose a direct and significant economic burden on PML Properties, LTD. due to the extremely high associated construction costs and because digging up the parking lot will limit access to the businesses and roll-up doors. Digging up the parking lot will also limit or completely cutoff customer access. Some of the businesses rely upon customer traffic, such as the tavern.

The costs associated with conversion to sewer will include but may not be limited to:

Loss of income from the eight tenants occupying the property over the period of construction activities to convert to sewer and beyond should we experience vacancies from closing or moving tenants. This amount, at current rents, is in excess of $36,000 per month.
There are eight tenants at the property. Their businesses may suffer irreparable harm due to the construction forcing them to relocate or shut down. PML Properties, LTD may be required to agree to rent concessions or lease terminations resulting in significant monetary losses. Further, the disruption of the tenants' "quiet enjoyment" to which they are entitled under their leases may result

TL

in civil action by a tenant or tenants against PML Properties, LTD. PML Properties, LTD will incur legal costs and expenses in any such litigation and would also be exposed to liability for significant damages. The construction may also lead to extended vacancies and the inability to lease units.

PML Properteis, LTD. will also incur costs associated with procuring new tenants to replace those who leave due to the disruption during the septic system construction phases. At the standard commission fee of 6% to real estate brokerages this would be over $75,000 if the average lease duration was three years. This does not include tenant improvements requests and requests for new tenant rent abatements.

The resulting monetary loss to PML Properties, LTD is difficult to quantify but could be significantly over $1 Million.

The equivalent residential unit fixture permit fees are $1600 each at today's rates. At 1.00 per fixture for the tavern and 0.65 per fixture for the remainder of the warehouse units, this should add up to approximately $50,000.

The five years re-permitting requirement will place a large burden upon the operation of the property and lead to risks and other unforeseen circumstances that could place PML Properties, LTD in a dire financial condition.

5. Estimate in Dollars

Based upon a discussion with a civil design engineer the costs to complete engineering and construction at this time would be approximately $500,000. This added to the costs listed in the answer to question 4 could quickly add up to approach $1.5 Million to over $2 Million.

6. **Will the proposed changes to the ISDS Regulations directly restrict the formation, operation, or expansion of your business or the** *Individual Sewage Disposal System and Liquid Waste Management* **industry?**

Yes

7. *Please* Explain Your Answer From Above

Part of the operation of the business of PML Properties, LTD is associated with maximizing the value of, and cash flow from, the property, 3990 West Russell Road. By creating financial and operational uncertainties and introducing projected costs and losses the value of the property is diminished, as is its cash flow. In this case by considerably more than the projected cost of conversion construction as discussed in the response to question 4, above.

Any purchaser of the property would be unlikely to receive such costs in the form of a mortgage loan. Banks generally require a significant down payment for industrial purchase money loans. Thus a purchaser would either have to have available cash on hand or have the ability to raise the money possibly through some other secondary debt mechanism. This would make the outlook for

TL

the property much grimmer to any prospective buyer should PML Properties, LTD need to sell the property.

8. **Will the proposed changes to the ISDS Regulations have an estimated beneficial economic effect on your business or the** *Individual Sewage Disposal System and Liquid Waste Management* **industry?**

No

9. Please Explain Your Answer From Above

The existing septic system has been in place and functioning properly for approximately 40 years there is no benefit. The health of the septic system is not in question nor is its longevity.

10. Estimate in Dollars

There is no benefit that would add dollar value to the property or to PML Properties, LTD. Therefore the estimate is $0.

11. **Do you anticipate any indirect economic effects to your business or the public accommodation industry as a result of the proposed changes to the** *Individual Sewage Disposal System and Liquid Waste Management* **Regulations?**

Yes

12. Please Explain Your Answer From Above

The value of the property and of PML Properties, LTD. will be diminished.

Also, many businesses in the center servicing the community could be placed under undo and unnecessary strains should a conversion be mandated. These strains would translate into economic difficulties, financial hardships, and perhaps financial ruin both for the businesses and for PML Properties.

Teresa Lording April 21, 2025

Manager of PML Properties, LTD.

ALATORREDENTAL
ROSALYND ALATORRE D.M.D.

March 27, 2025

Nancy Cadena
Southern Nevada Health District
280 S. Decatur Blvd
Las Vegas, NV 89107

To whom this may concern,

I hope this letter finds you well. I am writing to express my concerns regarding the proposed requirement for businesses like mine to install an individual sewage disposal system and liquid waste management infrastructure, and the significant negative impact this will have on my business operations.

For nearly 30 years, I have been successfully managing waste through my existing septic tank system. This system has been properly maintained and has met all health and environmental standards over the years. It has worked well for my business, and I have invested considerable time and resources into ensuring that it functions efficiently. This ongoing maintenance has been cost-effective and sustainable for both my business and the environment.

The proposed requirement to replace my septic tank with a new sewage disposal system would be a financial burden that I simply cannot afford. The costs associated with installing such a system are far beyond the scope of my current budget. Based on initial estimates, the installation of a sewage disposal system would run into tens of thousands of dollars, not including ongoing operational and maintenance expenses. This significant financial outlay would place a severe strain on my business, particularly when considering the current economic challenges that many small businesses are facing.

Moreover, the ongoing costs to operate and maintain a new sewage disposal system would add further financial strain. Unlike my current septic system, which requires minimal upkeep, the proposed system would financially jeopardize my business by increasing my overhead and diverting resources away from other critical areas of my business.

The financial implications of such an overhaul would not only impact my business's bottom line but could also potentially lead to an increase in product prices for my customers, which could affect my competitiveness in the market. The alternative—continuing to operate with the septic

2815 S. Rainbow Blvd
Las Vegas, NV 89146
[redacted]
Phone: [redacted]
Fax: [redacted]

ALATORREDENTAL
ROSALYND ALATORRE D.M.D.

tank system I have used for nearly three decades—is both cost-effective and sustainable, while also minimizing disruption to my daily operations.

I understand that the proposed policy aims to address health and environmental concerns; however, I respectfully request that an exception be made for businesses that can demonstrate the long-term reliability and compliance of their existing waste management systems. Allowing businesses like mine to continue using well-maintained septic tanks would be a more practical and financially responsible solution. It would enable us to continue operating without incurring excessive costs that could potentially lead to business closures or the loss of jobs.

I kindly urge you to reconsider the enforcement of this policy, taking into account the financial hardship it will impose on small business owners like myself. A more flexible and individualized approach would be greatly appreciated, one that recognizes the effectiveness of existing systems and the unique challenges faced by small businesses.

Thank you for your time and consideration. I look forward to your understanding and a resolution that benefits both the environment and local businesses.

Sincerely,
Rosalynd Alatorre D.M.D.
Owner
Alatorre Dental
[redacted]

2815 S. Rainbow Blvd
Las Vegas, NV 89146
[redacted]
[redacted]

From: Stephanie Templeton [redacted]
Sent: Wednesday, April 9, 2025 7:00 AM
To: Septics [septics@SNHD.ORG]
Subject: 2025 Individual sewage disposal system and liquid waste management
Attachments: SNHD letter.docx

Hello,

I have attached a letter explaining my situation, and the arguments regarding the proposed new regulations. I would appreciate the read and your consideration in this matter.

Thank You,

Cheryl Kratke

03/30/2025

Southern Nevada Health District

RE: Impact of Proposed 2025 Individual Sewage Disposal and Liquid Management Regulations

Location: 4655 Boulder Hwy Las Vegas, NV 89121

Dear Sir/Madam:

I am writing this letter in response to the notice I received in reference to the proposed individual sewage disposal system and liquid management regulations. This proposed change would highly impact the businesses conducted at 4655 Boulder Hwy., Las Vegas, NV 89121.

In September 2023, I received a violation letter from Clark County Department of Administrative Services Code Enforcement with the complaints of the asphalt on our personal property at this said location needing to be fully paved and the existing pavement needing to be resurfaced. Even though the said pavement was in good shape and the unpaved small portion did not receive vehicular traffic, I was forced to pave this property. This improvement cost $77,300.00. Not only was this a huge financial burden, but these businesses were also unable to fully function due to the asphalt being torn up and worked on. With this being said, I performed maintenance on the septic system at the same time before pavement was completed.

With the rising costs of running businesses, insurance rates have more than doubled as well. I am a retired senior. This property helps provide my income to live. The past couple of years have been extremely difficult with the increased costs incurred. Not only would the hook up costs be out of my budget, the thought of ripping up the brand new asphalt laid on the property is unfathomable. This proposal would ultimately put a financial and emotional burden on me personally as the owner, as well as the businesses at the said property.

Thank you for your consideration.

Sincerely,

Cheryl Kratke

HC2 Box 9583 Keaau HI 96749

View results

Respondent

3 Anonymous

01:52
Time to complete

1. Business / Organization Name *

Moapa Valley Water District

2. Name of Person Completing Survey *

Joseph Davis

3. Will the proposed fee of $226 per 5-year interval for *Individual Sewage Disposal System Operating Permit* impose a direct and significant economic burden on your business or the *Individual Sewage Disposal System and Liquid Waste Management* industry?

- ( ) Yes
- (•) No

4. Please Explain Your Answer From Above

5. Estimate in Dollars

6. Will the proposed fee directly restrict the formation, operation, or expansion of your business or the Individual Sewage Disposal System and Liquid Waste Management industry?

- ( ) Yes
- (•) No

7. Please Explain Your Answer From Above

8. Will the proposed fee have an estimated beneficial economic effect on your business or the Individual Sewage Disposal System and Liquid Waste Management industry?

- ○ Yes
- ◉ No

9. Please Explain Your Answer From Above

10. Estimate in Dollars

11. Do you anticipate any indirect economic effects to your business or the Individual Sewage Disposal System and Liquid Waste Management industry as a result of the proposed fee?

- ○ Yes
- ◉ No

12. Please Explain Your Answer From Above

For questions regarding this survey, contact the ISDS program at septics@snhd.org or (702) 759-0660. Please return this form before July 31, 2025. Complete the online survey, email to septics@snhd.org, mail to Southern Nevada Health District, EH Engineering Program, PO Box 3902, Las Vegas, NV 89127, or deliver in person to 280 S Decatur, Las Vegas, NV 89107. Responses must be received no later than **July 31, 2025 at 4:30pm.** Responses received after this date will not be considered. If completing the survey online, the link to the survey at the above website will no longer be active after that date.

View results

Respondent

4 Anonymous

00:55
Time to complete

1. Business / Organization Name *

Royal Flush Porta Potty

2. Name of Person Completing Survey *

Scott Kandel

3. Will the proposed fee of $226 per 5-year interval for *Individual Sewage Disposal System Operating Permit* impose a direct and significant economic burden on your business or the *Individual Sewage Disposal System and Liquid Waste Management* industry?

- ( ) Yes
- (•) No

4. Please Explain Your Answer From Above

5. Estimate in Dollars

6. Will the proposed fee directly restrict the formation, operation, or expansion of your business or the Individual Sewage Disposal System and Liquid Waste Management industry?

- ( ) Yes
- (•) No

7. Please Explain Your Answer From Above

8. Will the proposed fee have an estimated beneficial economic effect on your business or the Individual Sewage Disposal System and Liquid Waste Management industry?

- ○ Yes
- ◉ No

9. Please Explain Your Answer From Above

10. Estimate in Dollars

11. Do you anticipate any indirect economic effects to your business or the Individual Sewage Disposal System and Liquid Waste Management industry as a result of the proposed fee?

- ○ Yes
- ◉ No

12. Please Explain Your Answer From Above

For questions regarding this survey, contact the ISDS program at septics@snhd.org or (702) 759-0660. Please return this form before July 31, 2025. Complete the online survey, email to septics@snhd.org, mail to Southern Nevada Health District, EH Engineering Program, PO Box 3902, Las Vegas, NV 89127, or deliver in person to 280 S Decatur, Las Vegas, NV 89107. Responses must be received no later than **July 31, 2025 at 4:30pm.** Responses received after this date will not be considered. If completing the survey online, the link to the survey at the above website will no longer be active after that date.

View results

Respondent

5 Anonymous

16:26
Time to complete

1. Business / Organization Name *

Moapa Valley Telephone Company

2. Name of Person Completing Survey *

Brad Lyon

3. Will the proposed fee of $226 per 5-year interval for *Individual Sewage Disposal System Operating Permit* impose a direct and significant economic burden on your business or the *Individual Sewage Disposal System and Liquid Waste Management* industry?

- [x] Yes
- [ ] No

4. Please Explain Your Answer From Above

All fees and taxes create an economic burden. The fee provides no benefits to our company nor the residences living in our community. It just adds another layer to the oppressive Clark County bureaucracy.

5. Estimate in Dollars

1004

6. Will the proposed fee directly restrict the formation, operation, or expansion of your business or the Individual Sewage Disposal System and Liquid Waste Management industry?

- [x] Yes
- [ ] No

7. Please Explain Your Answer From Above

While this fee may appear minor in isolation, it adds to a growing list of requirements, delays, and expenses that burden both residents and businesses. These cumulative obstacles make it increasingly difficult for us to invest in and improve our properties. At some point, what should be reasonable oversight begins to feel more like a series of unnecessary hurdles.

8. Will the proposed fee have an estimated beneficial economic effect on your business or the Individual Sewage Disposal System and Liquid Waste Management industry?

- ○ Yes
- ◉ No

9. Please Explain Your Answer From Above

A fee that expands bureaucracy and adds red tape serves only to sustain the bureaucracy itself. For businesses, the cost isn't just financial—it's lost time, delayed projects, and diminished opportunity. While the system grows, we bear the consequences.

10. Estimate in Dollars

This will cost us money. No financial benefit.

11. Do you anticipate any indirect economic effects to your business or the Individual Sewage Disposal System and Liquid Waste Management industry as a result of the proposed fee?

- ○ Yes
- ◉ No

12. Please Explain Your Answer From Above

See response in item 9

For questions regarding this survey, contact the ISDS program at septics@snhd.org or (702) 759-0660. Please return this form before July 31, 2025. Complete the online survey, email to septics@snhd.org, mail to Southern Nevada Health District, EH Engineering Program, PO Box 3902, Las Vegas, NV 89127, or deliver in person to 280 S Decatur, Las Vegas, NV 89107. Responses must be received no later than **July 31, 2025 at 4:30pm.** Responses received after this date will not be considered. If completing the survey online, the link to the survey at the above website will no longer be active after that date.

View results

Respondent

6 Anonymous

03:54
Time to complete

1. Business / Organization Name *

Little Genius Learning Academy LLC

2. Name of Person Completing Survey *

Samvel Gevorgyan

3. Will the proposed fee of $226 per 5-year interval for *Individual Sewage Disposal System Operating Permit* impose a direct and significant economic burden on your business or the *Individual Sewage Disposal System and Liquid Waste Management* industry?

- (●) Yes
- ( ) No

4. Please Explain Your Answer From Above

Childcare centers are already operating on very low margins and at the same time trying to maximize employee compensation and benefits. Any additional fees and taxes will only add additional financial burden on owners.

5. Estimate in Dollars

6. Will the proposed fee directly restrict the formation, operation, or expansion of your business or the Individual Sewage Disposal System and Liquid Waste Management industry?

- (●) Yes
- ( ) No

7. Please Explain Your Answer From Above

Childcare centers are already operating on very low margins and at the same time trying to maximize employee compensation and benefits. Any additional fees and taxes will only add additional financial burden on owners.

8. Will the proposed fee have an estimated beneficial economic effect on your business or the Individual Sewage Disposal System and Liquid Waste Management industry?

- ( ) Yes
- (•) No

9. Please Explain Your Answer From Above

Childcare centers are already operating on very low margins and at the same time trying to maximize employee compensation and benefits. Any additional fees and taxes will only add additional financial burden on owners.

10. Estimate in Dollars

11. Do you anticipate any indirect economic effects to your business or the Individual Sewage Disposal System and Liquid Waste Management industry as a result of the proposed fee?

- (•) Yes
- ( ) No

12. Please Explain Your Answer From Above

Childcare centers are already operating on very low margins and at the same time trying to maximize employee compensation and benefits. Any additional fees and taxes will only add additional financial burden on owners.

For questions regarding this survey, contact the ISDS program at septics@snhd.org or (702) 759-0660. Please return this form before July 31, 2025. Complete the online survey, email to septics@snhd.org, mail to Southern Nevada Health District, EH Engineering Program, PO Box 3902, Las Vegas, NV 89127, or deliver in person to 280 S Decatur, Las Vegas, NV 89107. Responses must be received no later than **July 31, 2025 at 4:30pm.** Responses received after this date will not be considered. If completing the survey online, the link to the survey at the above website will no longer be active after that date.

View results

Respondent

7 Anonymous

09:47
Time to complete

1. Business / Organization Name *

American Legion BMI Post 40

2. Name of Person Completing Survey *

Jeffrey D Campbell

3. Will the proposed fee of $226 per 5-year interval for *Individual Sewage Disposal System Operating Permit* impose a direct and significant economic burden on your business or the *Individual Sewage Disposal System and Liquid Waste Management* industry?

- (●) Yes
- ( ) No

4. Please Explain Your Answer From Above

> We are a non-profit organization that supports local veterans through donations and participation. We are unable to connect with city sewer as the system needs to be extended to reach our location. Any future increase takes away what would normally go to veterans in need.

5. Estimate in Dollars

6. Will the proposed fee directly restrict the formation, operation, or expansion of your business or the Individual Sewage Disposal System and Liquid Waste Management industry?

- (●) Yes
- ( ) No

7. Please Explain Your Answer From Above

> We want to connect with city sewer but cannot as the system does not reach us. It is less than 300 feet away. If the city will extend the system to reach us then we will gladly tie into the city sewer. You septics out of the city, here's your chance. Help us to help you.

8. Will the proposed fee have an estimated beneficial economic effect on your business or the Individual Sewage Disposal System and Liquid Waste Management industry?

- ( ) Yes
- (•) No

9. Please Explain Your Answer From Above

10. Estimate in Dollars

11. Do you anticipate any indirect economic effects to your business or the Individual Sewage Disposal System and Liquid Waste Management industry as a result of the proposed fee?

- (•) Yes
- ( ) No

12. Please Explain Your Answer From Above

For questions regarding this survey, contact the ISDS program at septics@snhd.org or (702) 759-0660. Please return this form before July 31, 2025. Complete the online survey, email to septics@snhd.org, mail to Southern Nevada Health District, EH Engineering Program, PO Box 3902, Las Vegas, NV 89127, or deliver in person to 280 S Decatur, Las Vegas, NV 89107. Responses must be received no later than **July 31, 2025 at 4:30pm.** Responses received after this date will not be considered. If completing the survey online, the link to the survey at the above website will no longer be active after that date.

View results

Respondent

8 Anonymous

08:53
Time to complete

1. Business / Organization Name *

MARCOS HAIR DESIGN LLC

2. Name of Person Completing Survey *

Jerrold weinstein

3. Will the proposed fee of $226 per 5-year interval for *Individual Sewage Disposal System Operating Permit* impose a direct and significant economic burden on your business or the *Individual Sewage Disposal System and Liquid Waste Management* industry?

- (●) Yes
- ( ) No

4. Please Explain Your Answer From Above

covid decreased business subtantially

5. Estimate in Dollars

business is down 40% or approximately 20,000 and has not returned

6. Will the proposed fee directly restrict the formation, operation, or expansion of your business or the Individual Sewage Disposal System and Liquid Waste Management industry?

- ( ) Yes
- (●) No

7. Please Explain Your Answer From Above

the amount of proposal is low enough that it would not subject business to any restrictions but any increase to fees and taxes would be harmful in light of economy and gross earnings.

8. Will the proposed fee have an estimated beneficial economic effect on your business or the Individual Sewage Disposal System and Liquid Waste Management industry?

- ( ) Yes
- (•) No

9. Please Explain Your Answer From Above

it just would not give me any benefit that i know of

10. Estimate in Dollars

11. Do you anticipate any indirect economic effects to your business or the Individual Sewage Disposal System and Liquid Waste Management industry as a result of the proposed fee?

- (•) Yes
- ( ) No

12. Please Explain Your Answer From Above

i will have less money to operate business

For questions regarding this survey, contact the ISDS program at septics@snhd.org or (702) 759-0660. Please return this form before July 31, 2025. Complete the online survey, email to septics@snhd.org, mail to Southern Nevada Health District, EH Engineering Program, PO Box 3902, Las Vegas, NV 89127, or deliver in person to 280 S Decatur, Las Vegas, NV 89107. Responses must be received no later than **July 31, 2025 at 4:30pm.** Responses received after this date will not be considered. If completing the survey online, the link to the survey at the above website will no longer be active after that date.

View results

Respondent

9 Anonymous

06:25
Time to complete

1. Business / Organization Name *

Aquatic

2. Name of Person Completing Survey *

Kara Mendoza

3. Will the proposed fee of $226 per 5-year interval for *Individual Sewage Disposal System Operating Permit* impose a direct and significant economic burden on your business or the *Individual Sewage Disposal System and Liquid Waste Management* industry?

- ( ) Yes
- (•) No

4. Please Explain Your Answer From Above

no significant burden

5. Estimate in Dollars

6. Will the proposed fee directly restrict the formation, operation, or expansion of your business or the Individual Sewage Disposal System and Liquid Waste Management industry?

- ( ) Yes
- (•) No

7. Please Explain Your Answer From Above

will not effect

8. Will the proposed fee have an estimated beneficial economic effect on your business or the Individual Sewage Disposal System and Liquid Waste Management industry?

- ( ) Yes
- (•) No

9. Please Explain Your Answer From Above

no benefit.

10. Estimate in Dollars

11. Do you anticipate any indirect economic effects to your business or the Individual Sewage Disposal System and Liquid Waste Management industry as a result of the proposed fee?

- ( ) Yes
- (•) No

12. Please Explain Your Answer From Above

no effect

For questions regarding this survey, contact the ISDS program at septics@snhd.org or (702) 759-0660. Please return this form before July 31, 2025. Complete the online survey, email to septics@snhd.org, mail to Southern Nevada Health District, EH Engineering Program, PO Box 3902, Las Vegas, NV 89127, or deliver in person to 280 S Decatur, Las Vegas, NV 89107. Responses must be received no later than **July 31, 2025 at 4:30pm.** Responses received after this date will not be considered. If completing the survey online, the link to the survey at the above website will no longer be active after that date.

View results

Respondent

10 Anonymous

11:14
Time to complete

1. Business / Organization Name *

R&S Investment Properties

2. Name of Person Completing Survey *

Robert P Ellis

3. Will the proposed fee of $226 per 5-year interval for *Individual Sewage Disposal System Operating Permit* impose a direct and significant economic burden on your business or the *Individual Sewage Disposal System and Liquid Waste Management* industry?

- ( ) Yes
- (•) No

4. Please Explain Your Answer From Above

$226 would be a fair price to pay for a 5 year permit.

5. Estimate in Dollars

N/A

6. Will the proposed fee directly restrict the formation, operation, or expansion of your business or the Individual Sewage Disposal System and Liquid Waste Management industry?

- ( ) Yes
- (•) No

7. Please Explain Your Answer From Above

Proposed fee will not directly restrict the formation, operation, or expansion of the business.

8. Will the proposed fee have an estimated beneficial economic effect on your business or the Individual Sewage Disposal System and Liquid Waste Management industry?

- ( ) Yes
- (•) No

9. Please Explain Your Answer From Above

No effect on the business

10. Estimate in Dollars

N/A

11. Do you anticipate any indirect economic effects to your business or the Individual Sewage Disposal System and Liquid Waste Management industry as a result of the proposed fee?

- ( ) Yes
- (•) No

12. Please Explain Your Answer From Above

Do not see any indirect economic effects to my business.

For questions regarding this survey, contact the ISDS program at septics@snhd.org or (702) 759-0660. Please return this form before July 31, 2025. Complete the online survey, email to septics@snhd.org, mail to Southern Nevada Health District, EH Engineering Program, PO Box 3902, Las Vegas, NV 89127, or deliver in person to 280 S Decatur, Las Vegas, NV 89107. Responses must be received no later than **July 31, 2025 at 4:30pm.** Responses received after this date will not be considered. If completing the survey online, the link to the survey at the above website will no longer be active after that date.

View results

Respondent

11 Anonymous

03:38
Time to complete

1. Business / Organization Name *

Spring Valley Baptist Church

2. Name of Person Completing Survey *

Sam Thompson

3. Will the proposed fee of $226 per 5-year interval for *Individual Sewage Disposal System Operating Permit* impose a direct and significant economic burden on your business or the *Individual Sewage Disposal System and Liquid Waste Management* industry?

- ( ) Yes
- (•) No

4. Please Explain Your Answer From Above

No impact.

5. Estimate in Dollars

N/A

6. Will the proposed fee directly restrict the formation, operation, or expansion of your business or the Individual Sewage Disposal System and Liquid Waste Management industry?

- ( ) Yes
- (•) No

7. Please Explain Your Answer From Above

N/A

8. Will the proposed fee have an estimated beneficial economic effect on your business or the Individual Sewage Disposal System and Liquid Waste Management industry?

- ( ) Yes
- (•) No

9. Please Explain Your Answer From Above

N/A

10. Estimate in Dollars

N/A

11. Do you anticipate any indirect economic effects to your business or the Individual Sewage Disposal System and Liquid Waste Management industry as a result of the proposed fee?

- ( ) Yes
- (•) No

12. Please Explain Your Answer From Above

N/A

For questions regarding this survey, contact the ISDS program at septics@snhd.org or (702) 759-0660. Please return this form before July 31, 2025. Complete the online survey, email to septics@snhd.org, mail to Southern Nevada Health District, EH Engineering Program, PO Box 3902, Las Vegas, NV 89127, or deliver in person to 280 S Decatur, Las Vegas, NV 89107. Responses must be received no later than **July 31, 2025 at 4:30pm.** Responses received after this date will not be considered. If completing the survey online, the link to the survey at the above website will no longer be active after that date.

View results

Respondent

12 Anonymous

64:54
Time to complete

1. Business / Organization Name *

Amrize Southwest Inc.

2. Name of Person Completing Survey *

Aaron Lund

3. Will the proposed fee of $226 per 5-year interval for *Individual Sewage Disposal System Operating Permit* impose a direct and significant economic burden on your business or the *Individual Sewage Disposal System and Liquid Waste Management* industry?

- ( ) Yes
- (•) No

4. Please Explain Your Answer From Above

5. Estimate in Dollars

6. Will the proposed fee directly restrict the formation, operation, or expansion of your business or the Individual Sewage Disposal System and Liquid Waste Management industry?

- ( ) Yes
- (•) No

7. Please Explain Your Answer From Above

8. Will the proposed fee have an estimated beneficial economic effect on your business or the Individual Sewage Disposal System and Liquid Waste Management industry?

- ○ Yes
- ◉ No

9. Please Explain Your Answer From Above

10. Estimate in Dollars

11. Do you anticipate any indirect economic effects to your business or the Individual Sewage Disposal System and Liquid Waste Management industry as a result of the proposed fee?

- ○ Yes
- ◉ No

12. Please Explain Your Answer From Above

For questions regarding this survey, contact the ISDS program at septics@snhd.org or (702) 759-0660. Please return this form before July 31, 2025. Complete the online survey, email to septics@snhd.org, mail to Southern Nevada Health District, EH Engineering Program, PO Box 3902, Las Vegas, NV 89127, or deliver in person to 280 S Decatur, Las Vegas, NV 89107. Responses must be received no later than **July 31, 2025 at 4:30pm.** Responses received after this date will not be considered. If completing the survey online, the link to the survey at the above website will no longer be active after that date.

View results

Respondent

13 Anonymous

03:05
Time to complete

1. Business / Organization Name *

American Gaming Holdings LLC

2. Name of Person Completing Survey *

Aimin Cong

3. Will the proposed fee of $226 per 5-year interval for *Individual Sewage Disposal System Operating Permit* impose a direct and significant economic burden on your business or the *Individual Sewage Disposal System and Liquid Waste Management* industry?

- (●) Yes
- ( ) No

4. Please Explain Your Answer From Above

Business is not in profit

5. Estimate in Dollars

6. Will the proposed fee directly restrict the formation, operation, or expansion of your business or the Individual Sewage Disposal System and Liquid Waste Management industry?

- (●) Yes
- ( ) No

7. Please Explain Your Answer From Above

Business is not in profit

8. Will the proposed fee have an estimated beneficial economic effect on your business or the Individual Sewage Disposal System and Liquid Waste Management industry?

- (●) Yes
- ( ) No

9. Please Explain Your Answer From Above

Business is not in profit

10. Estimate in Dollars

11. Do you anticipate any indirect economic effects to your business or the Individual Sewage Disposal System and Liquid Waste Management industry as a result of the proposed fee?

- ( ) Yes
- (●) No

12. Please Explain Your Answer From Above

For questions regarding this survey, contact the ISDS program at septics@snhd.org or (702) 759-0660. Please return this form before July 31, 2025. Complete the online survey, email to septics@snhd.org, mail to Southern Nevada Health District, EH Engineering Program, PO Box 3902, Las Vegas, NV 89127, or deliver in person to 280 S Decatur, Las Vegas, NV 89107. Responses must be received no later than **July 31, 2025 at 4:30pm.** Responses received after this date will not be considered. If completing the survey online, the link to the survey at the above website will no longer be active after that date.

View results

Respondent

14 Anonymous

08:47
Time to complete

1. Business / Organization Name *

One Body in Christ Christian Baptist Church

2. Name of Person Completing Survey *

Daisy Smith-Lewis

3. Will the proposed fee of $226 per 5-year interval for *Individual Sewage Disposal System Operating Permit* impose a direct and significant economic burden on your business or the *Individual Sewage Disposal System and Liquid Waste Management* industry?

- ( ) Yes
- (•) No

4. Please Explain Your Answer From Above

5. Estimate in Dollars

6. Will the proposed fee directly restrict the formation, operation, or expansion of your business or the Individual Sewage Disposal System and Liquid Waste Management industry?

- ( ) Yes
- (•) No

7. Please Explain Your Answer From Above

We are a non-profit church and surviving on donations only.

8. Will the proposed fee have an estimated beneficial economic effect on your business or the Individual Sewage Disposal System and Liquid Waste Management industry?

- ( ) Yes
- (•) No

9. Please Explain Your Answer From Above

Main income is tithes, offering, and donations.

10. Estimate in Dollars

11. Do you anticipate any indirect economic effects to your business or the Individual Sewage Disposal System and Liquid Waste Management industry as a result of the proposed fee?

- ( ) Yes
- (•) No

12. Please Explain Your Answer From Above

Business Impact Survey
Proposed Fee for Individual Sewage Disposal System Operating Permit

Please complete and return this business impact survey for the proposed fee of $226 per 5-year interval for the proposed *Individual Sewage Disposal System Operating Permit*. You can include any data or arguments that are relevant and add additional pages as necessary to complete your responses.
A copy of the proposed changes to the regulations can be found at https://www.southernnevadahealthdistrict.org/permits-and-regulations/sewage-septic-disposal-systems-isds/ Please review the regulations thoroughly to assist with your response. This survey may also be completed online at the following website: www.snhd.info/public-notices.php

1. Business/Organization Name	2. Name of Person Completing Survey
Pilot Travel Centers LLC	Licensing Department

3. **Will the proposed fee of $226 per 5-year interval for** *Individual Sewage Disposal System Operating permit* **Impose a direct and significant economic burden on your business or the** *Individual Sewage Disposal System and Liquid Waste Management* **industry?**

Yes ☐ No ☑

Estimate in Dollars

Please Explain

4. **Will the proposed fee directly restrict the formation, operation, or expansion of your business or the** *Individual Sewage Disposal System and Liquid Waste Management* **industry?**

Yes ☐ No ☑

Please Explain

5. **Will the proposed fee have an estimated beneficial economic effect on your business or the** *Individual Sewage Disposal System and Liquid Waste Management* **industry?**

Yes ☐ No ☑

Estimate in Dollars

Please Explain

6. **Do you anticipate any indirect economic effects to your business or the Individual Sewage Disposal System and Liquid Waste Management industry as a result of the proposed fee?**

Yes ☐ No ☑

Please Explain

For questions regarding this survey, contact the ISDS program at septics@snhd.org or (702) 759-0660. Please return this form before July 31, 2025. Complete the online survey, email to septics@snhd.org, mail to Southern Nevada Health District, EH Engineering Program, PO Box 3902, Las Vegas, NV 89127, or deliver in person to 280 S Decatur, Las Vegas, NV 89107. **Responses must be received no later than July 31, 2025 at 4:30pm**. Responses received after this date will not be considered. If completing the survey online, the link to the survey at the above website will no longer be active after that date.

Business Impact Survey
Proposed Fee for Individual Sewage Disposal System Operating Permit

Please complete and return this business impact survey for the proposed fee of $226 per 5-year interval for the proposed *Individual Sewage Disposal System Operating Permit*. You can include any data or arguments that are relevant and add additional pages as necessary to complete your responses.
A copy of the proposed changes to the regulations can be found at https://www.southernnevadahealthdistrict.org/permits-and-regulations/sewage-septic-disposal-systems-isds/ Please review the regulations thoroughly to assist with your response. This survey may also be completed online at the following website: www.snhd.info/public-notices.php

1. Business/Organization Name	2. Name of Person Completing Survey
TIROE LLC	Dale Roesener

3. **Will the proposed fee of $226 per 5-year interval for *Individual Sewage Disposal System Operating permit* impose a direct and significant economic burden on your business or the *Individual Sewage Disposal System and Liquid Waste Management* industry?**

Yes ☒ No ☐

Estimate in Dollars

Please Explain
We are connected to sewer and NO Longer use septic. we PAY for Sewer Fees.

4. **Will the proposed fee directly restrict the formation, operation, or expansion of your business or the *Individual Sewage Disposal System and Liquid Waste Management* industry?**

Yes ☐ No ☐

Please Explain

5. **Will the proposed fee have an estimated beneficial economic effect on your business or the *Individual Sewage Disposal System and Liquid Waste Management* industry?**

Yes ☐ No ☐

Estimate in Dollars

Please Explain

6. **Do you anticipate any indirect economic effects to your business or the Individual Sewage Disposal System and Liquid Waste Management industry as a result of the proposed fee?**

Yes ☐ No ☐

Please Explain

For questions regarding this survey, contact the ISDS program at septics@snhd.org or (702) 759-0660. Please return this form before July 31, 2025. Complete the online survey, email to septics@snhd.org, mail to Southern Nevada Health District, EH Engineering Program, PO Box 3902, Las Vegas, NV 89127, or deliver in person to 280 S Decatur, Las Vegas, NV 89107. **Responses must be received no later than July 31, 2025 at 4:30pm**. Responses received after this date will not be considered. If completing the survey online, the link to the survey at the above website will no longer be active after that date.

Business Impact Survey
Proposed Fee for Individual Sewage Disposal System Operating Permit

Please complete and return this business impact survey for the proposed fee of $226 per 5-year interval for the proposed *Individual Sewage Disposal System Operating Permit*. You can include any data or arguments that are relevant and add additional pages as necessary to complete your responses.
A copy of the proposed changes to the regulations can be found at https://www.southernnevadahealthdistrict.org/permits-and-regulations/sewage-septic-disposal-systems-isds/ Please review the regulations thoroughly to assist with your response. This survey may also be completed online at the following website: www.snhd.info/public-notices.php

1. Business/Organization Name	2. Name of Person Completing Survey
Gladiator Corporation	David Pierce

3. Will the proposed fee of $226 per 5-year interval for *Individual Sewage Disposal System Operating permit* impose a direct and significant economic burden on your business or the *Individual Sewage Disposal System and Liquid Waste Management* industry?

Yes ☒ No ☐

Estimate in Dollars

Please Explain We no longer have an operating septic system on this property. The S.N.H.D. had Gladiator Corp. remove and dispose the septic system many years ago and also had us pay a #5,000.00 fine even though at the time this fine was imposed the S.N.H.D. had no authorization to regulate mining project waste.

4. Will the proposed fee directly restrict the formation, operation, or expansion of your business or the *Individual Sewage Disposal System and Liquid Waste Management* industry?

Yes ☒ No ☐

Please Explain We have none.

5. Will the proposed fee have an estimated beneficial economic effect on your business or the *Individual Sewage Disposal System and Liquid Waste Management* industry?

Yes ☐ No ☒

Estimate in Dollars

Please Explain We have none

6. Do you anticipate any indirect economic effects to your business or the Individual Sewage Disposal System and Liquid Waste Management industry as a result of the proposed fee?

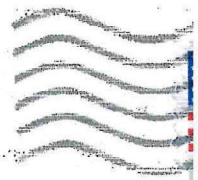
Yes ☒ No ☐

Please Explain We will be paying for somthing we do not have at this time.

For questions regarding this survey, contact the ISDS program at septics@snhd.org or (702) 759-0660. Please return this form before July 31, 2025. Complete the online survey, email to septics@snhd.org, mail to Southern Nevada Health District, EH Engineering Program, PO Box 3902, Las Vegas, NV 89127, or deliver in person to 280 S Decatur, Las Vegas, NV 89107. **Responses must be received no later than July 31, 2025 at 4:30pm.** Responses received after this date will not be considered. If completing the survey online, the link to the survey at the above website will no longer be active after that date.

Gladiator Corporation
David Pierce
1905 Betsy Ross Drive
N.L., NV. 89108

LAS VEGAS NV 890
17 JUL 2025 PM 3 L



Southern Nevada Health District
Attention: EH – Nancy Cadena
280 S. Decatur Blvd.
Las Vegas, NV. 89107

89107-293680

Business Impact Survey
Proposed Fee for Individual Sewage Disposal System Operating Permit

Please complete and return this business impact survey for the proposed fee of $226 per 5-year interval for the proposed *Individual Sewage Disposal System Operating Permit*. You can include any data or arguments that are relevant and add additional pages as necessary to complete your responses.
A copy of the proposed changes to the regulations can be found at https://www.southernnevadahealthdistrict.org/permits-and-regulations/sewage-septic-disposal-systems-isds/ Please review the regulations thoroughly to assist with your response. This survey may also be completed online at the following website: www.snhd.info/public-notices.php

1. Business/Organization Name	2. Name of Person Completing Survey
GANESH L.L.C.	KATHLEEN DIELEMAN

3. **Will the proposed fee of $226 per 5-year interval for** *Individual Sewage Disposal System Operating permit* **impose a direct and significant economic burden on your business or the** *Individual Sewage Disposal System and Liquid Waste Management* **industry?**

Yes ☐ No ☑

Estimate in Dollars

Please Explain

4. **Will the proposed fee directly restrict the formation, operation, or expansion of your business or the** *Individual Sewage Disposal System and Liquid Waste Management* **industry?**

Yes ☐ No ☑

Please Explain

5. **Will the proposed fee have an estimated beneficial economic effect on your business or the** *Individual Sewage Disposal System and Liquid Waste Management* **industry?**

Yes ☐ No ☑

Estimate in Dollars

Please Explain

6. **Do you anticipate any indirect economic effects to your business or the Individual Sewage Disposal System and Liquid Waste Management industry as a result of the proposed fee?**

Yes ☐ No ☑

Please Explain

For questions regarding this survey, contact the ISDS program at septics@snhd.org or (702) 759-0660. Please return this form before July 31, 2025. Complete the online survey, email to septics@snhd.org, mail to Southern Nevada Health District, EH Engineering Program, PO Box 3902, Las Vegas, NV 89127, or deliver in person to 280 S Decatur, Las Vegas, NV 89107.
Responses must be received no later than July 31, 2025 at 4:30pm. Responses received after this date will not be considered. If completing the survey online, the link to the survey at the above website will no longer be active after that date.

Business Impact Survey
Proposed Fee for Individual Sewage Disposal System Operating Permit

Please complete and return this business impact survey for the proposed fee of $226 per 5-year interval for the proposed *Individual Sewage Disposal System Operating Permit*. You can include any data or arguments that are relevant and add additional pages as necessary to complete your responses.
A copy of the proposed changes to the regulations can be found at https://www.southernnevadahealthdistrict.org/permits-and-regulations/sewage-septic-disposal-systems-isds/ Please review the regulations thoroughly to assist with your response. This survey may also be completed online at the following website: www.snhd.info/public-notices.php

1. Business/Organization Name	2. Name of Person Completing Survey
Emiken LLC	Chris Hooks

3. **Will the proposed fee of $226 per 5-year interval for** *Individual Sewage Disposal System Operating permit* **impose a direct and significant economic burden on your business or the** *Individual Sewage Disposal System and Liquid Waste Management* **industry?**

Yes ☐ No ☑

Estimate in Dollars

Please Explain

4. **Will the proposed fee directly restrict the formation, operation, or expansion of your business or the** *Individual Sewage Disposal System and Liquid Waste Management* **industry?**

Yes ☐ No ☑

Please Explain

5. **Will the proposed fee have an estimated beneficial economic effect on your business or the** *Individual Sewage Disposal System and Liquid Waste Management* **industry?**

Yes ☐ No ☑

Estimate in Dollars

Please Explain

6. **Do you anticipate any indirect economic effects to your business or the Individual Sewage Disposal System and Liquid Waste Management industry as a result of the proposed fee?**

Yes ☐ No ☑

Please Explain

For questions regarding this survey, contact the ISDS program at septics@snhd.org or (702) 759-0660. Please return this form before July 31, 2025. Complete the online survey, email to septics@snhd.org, mail to Southern Nevada Health District, EH Engineering Program, PO Box 3902, Las Vegas, NV 89127, or deliver in person to 280 S Decatur, Las Vegas, NV 89107. **Responses must be received no later than July 31, 2025 at 4:30pm**. Responses received after this date will not be considered. If completing the survey online, the link to the survey at the above website will no longer be active after that date.

Business Impact Survey
Proposed Fee for Individual Sewage Disposal System Operating Permit

Please complete and return this business impact survey for the proposed fee of $226 per 5-year interval for the proposed
Individual Sewage Disposal System Operating Permit. You can include any data or arguments that are relevant and add additional pages as necessary to complete your responses.

A copy of the proposed changes to the regulations can be found at https://www.southernnevadahealthdistrict.org/permitsand-regulations/sewage-septic-disposal-systems-isds/
Please review the regulations thoroughly to assist with your response. This survey may also be completed online at the following website: www.snhd.info/public-notices.php

1. Business/Organization Name

PML Properties, LTD. (*Owner: 3990 West Russell Road*)

2. Name of Person Completing Survey

Terence Lording, Manager of PML Properties, LTD.

Due to the highly technical nature of the **Summary of Major Changes in 2025 Individual Sewage Disposal Systems and Liquid Waste Management Regulations** as it is intended to disseminate information concerning the **Proposed Fee for Individual Sewage Disposal System Operating Permit** the following answers were made to the best of my understanding as they would impact the business.

3. Will the proposed fee of $226 per 5-year interval for Individual Sewage Disposal System Operating permit impose a direct and significant economic burden on your business or the Individual Sewage Disposal System and Liquid Waste Management industry?

Yes

Estimate in Dollars **$2,000,000**

The following are chapter-by-chapter direct responses to the **Summary of Major Changes in 2025 Individual Sewage Disposal Systems and Liquid Waste Management Regulations**. The $2,000,000 estimate in dollar value of negative impact to PML Properties, LTD. was outlined in the First SNHD BIS submitted April 21, 2025.

According to the **Summary of Major Changes in 2025 Individual Sewage Disposal Systems and Liquid Waste Management Regulations; *ISDS Permits***, *Construction Permits now require a third-party site evaluation, nitrogen evaluation, and water quality tests (if the water supply is a private well).* This inordinately raises the costs and requirements for tenant improvements that may be required to be permitted even as they may be minor additions. Also in

TL

the event tenants units become damaged for some unforeseen reason and need to be partially demolished and rebuilt this extra regulatory layer might render a simple situation into a complex, time consuming, and very costly and unnecessary one.

Additionally, according to the **Summary of Major Changes in 2025 Individual Sewage Disposal Systems and Liquid Waste Management Regulations**, *Operating Permits will be issued for 5-year intervals instead of the lifetime of the system; Renewal of Operating Permit includes review by SNHD and requires payment of fee; Renewal can be denied if the property is directly adjacent to a street with a gravity accessible sewer line.* This will place what was initially constructed in the 1980s within that timeframe's framework of regulations into the effective analysis of a new timeframe of regulations and subject the property to uncertainties that cannot economically be adequately planned for and most likely not be affordable.

Additionally, according to the **Summary of Major Changes in 2025 Individual Sewage Disposal Systems and Liquid Waste Management Regulations** *New Property Transfer Requirements**;** Property owner must notify SNHD of intent to sell property; Inspection report must be provided to SNHD and buyer (some exceptions); Inspection must be by SNHD or a third-party inspector approved by SNHD; Inspection must meet specific criteria, which is defined.* This, by placing new and defined restrictive specific criteria upon the allowable transfer of property that prior to this regulation would have not been necessary in effect adds limitations to the property owner's right to sell its property.

Additionally, according to the **Summary of Major Changes in 2025 Individual Sewage Disposal Systems and Liquid Waste Management Regulations**; ***Holding Tank Permits;*** *Requirements were revised to more closely match holding tank regulations in NAC 445A*. Any changes to requirements that are demanded from existing septic facilities will enact prohibitive costs and time consuming measures upon the property owner and also subject the property owner to possible errors in following a regimen of new requirements that could lead to unnecessary infractions of the new regulations due to time lapses, consultant engineering mistakes, misunderstandings, etc. that will ultimately lead to devastating costs and losses.

Additionally, according to the **Summary of Major Changes in 2025 Individual Sewage Disposal Systems and Liquid Waste Management Regulations**; ***ISDS Design and Construction Requirements;*** *Replaces detailed design requirements for septic tanks and leach fields with references to third-party standards, which increases flexibility for SNHD; Requires pretreatment devices for food establishments, laundry service, and auto washing facilities and references SNHD food establishment regulations and Uniform Plumbing Code.* This might impact the property as there is an existing Tavern/Restaurant/Bar on the property. The particular unit has been improved as Tavern/Restaurant/Bar since the property was constructed in the mid-1980s and represents a significant investment on the part of PML Properties, LTD and its tenant which has successfully applied for, received licensure from, and is in good standing with the Nevada Gaming Control Board and Clark County Liquor and Gaming. Any requirement to adjust the water systems for this unit will translate into considerable and prohibitive costs in addition to the other costs outlined in the First SNHD BIS of April 2025. *Removes references to "default" percolation rate and "deep" soil absorption systems as these concepts are contrary to best practices*. Any changes to requirements as associated to "current" best practices that are reflected

TL

in the Major Changes in 2025 Individual Sewage Disposal Systems and Liquid Waste Management Regulations and imposed upon the property as a requisite for new permitting may force the property owner to incur the large financial damages to come into compliance. *All new or repaired septic tanks must have access risers that extend to the surface*. The property is in compliance with this requirement. All risers were installed by Hardin & Sons.

Additionally, according to the **Summary of Major Changes in 2025 Individual Sewage Disposal Systems and Liquid Waste Management Regulations**; ***Nitrogen Removal Systems****, Defines how SNHD determines whether a property requires a nitrogen removal system (density of ISDS) and defines the ISDS density that triggers the nitrogen removal requirement. Includes a process for changing the ISDS density trigger or changing to a non-density-based method of evaluation. Changes the current effluent concentration-based standard, which is unrealistically low, to a percent reduction-based standard.* It isn't clear from this technical language what affect this change may have upon the viability of the existing system but any required changes to the existing construction of the septic system might lead to further permitting and regulatory requirements that could jeopardize the quiet operations of the tenants and ownership of the property by incurring large financial burdens and potentially unbearable modifications as the property is fully developed and there is no available land for further construction activities.

Additionally, according to the **Summary of Major Changes in 2025 Individual Sewage Disposal Systems and Liquid Waste Management Regulations; *Waivers and Variances****, Provides administrative waiver procedures and allows for deviation from prescriptive requirements if sufficient justification is provided, which will allow SNHD staff to exercise some amount of discretion without needing to bring a variance before the Board of Health. Provides for variances as a means of appealing waiver decisions.* PML Properties, LTD would like to request a waiver from any particular new permitting requirements such as to alleviate it from the uncertainties and financial hardships outlined in its responses to both this BIS and the April BIS and requests the SNHD Engineering Staff and the HEALTH AUTHORITY to assist it in the preparation of and in the understanding of the manner and form of this request as it may be discussed with said authorities including the HEALTH AUTHORITY.

Additionally, according to the **Summary of Major Changes in 2025 Individual Sewage Disposal Systems and Liquid Waste Management Regulations; *Enforcement and Penalties*,** *Describes specific enforcement actions that SNHD can take and under what circumstances, Provides for Hearing Officer review of permit revocations, denials, and suspensions, and allows the Director of Environmental Health to review other enforcement actions.* Allowing for enforcement and penalties in regards to the new permitting requirements will put the property in a vulnerable and potentially untenable position and enable SNHD to render the property inoperable, un-rentable, financially unfeasible, and possibly bankrupt.

4. Will the proposed fee directly restrict the formation, operation, or expansion of your business or the Individual Sewage Disposal System and Liquid Waste Management industry?

Yes

TL

Part of the operation of the business of PML Properties, LTD is associated with maximizing the value of, and cash flow from, the property, 3990 West Russell Road. By creating financial and operational uncertainties and introducing projected costs and losses the value of the property is diminished, as is its cash flow. In this case by considerably more than the projected cost of conversion construction as discussed in the response to question 4, above.

Any purchaser of the property would be unlikely to receive such costs in the form of a mortgage loan. Banks generally require a significant down payment for industrial purchase money loans. Thus a purchaser would either have to have available cash on hand or have the ability to raise the money possibly through some other secondary debt mechanism. This would make the outlook for the property much grimmer to any prospective buyer should PML Properties, LTD need to sell the property.

5. Will the proposed fee have an estimated beneficial economic effect on your business or the Individual Sewage Disposal System and Liquid Waste Management industry?

No

Estimate in Dollars **$0**

The existing septic system has been in place and functioning properly for approximately 40 years there is no benefit. The health of the septic system is not in question nor is its longevity.

6. Do you anticipate any indirect economic effects to your business or the Individual Sewage Disposal System and Liquid Waste Management industry as a result of the proposed fee?

Yes

As detailed in our SNHD April 2025 Business Impact Survey Response submitted to you on 04/21/2025, the value of the property located at 3990 West Russell Road in Clark County, Nevada and of PML Properties, LTD. will be diminished. Also, many businesses in the center servicing the community would be placed under undo and unnecessary strains should a conversion be mandated. These strains would translate into economic difficulties, financial hardships, and perhaps financial ruin both for the businesses and for PML Properties.

Jerome Harding July 28, 2025

Manager, PML Properties, LTD.

Southern Nevada Health District

Business Impact Survey
Proposed Fee for Individual Sewage Disposal System Operating Permit

Please complete and return this business impact survey for the proposed fee of $226 per 5-year interval for the proposed *Individual Sewage Disposal System Operating Permit*. You can include any data or arguments that are relevant and add additional pages as necessary to complete your responses.
A copy of the proposed changes to the regulations can be found at https://www.southernnevadahealthdistrict.org/permits-and-regulations/sewage-septic-disposal-systems-isds/ Please review the regulations thoroughly to assist with your response. This survey may also be completed online at the following website: www.snhd.info/public-notices.php

1. Business/Organization Name	2. Name of Person Completing Survey
Kids Are Us Academy, LLC	Kimberli Helaire-Smith

3. Will the proposed fee of $226 per 5-year interval for *Individual Sewage Disposal System Operating permit* impose a direct and significant economic burden on your business or the *Individual Sewage Disposal System and Liquid Waste Management* industry?

Yes ☒ No ☐

Estimate in Dollars: $4,500

Please Explain
Yes, because I am already paying 5-600 dollars a year to clean the septic tank out. What would be the purpose of the added fee?

4. Will the proposed fee directly restrict the formation, operation, or expansion of your business or the *Individual Sewage Disposal System and Liquid Waste Management* industry?

Yes ☐ No ☒

Please Explain
No, but with all the other fees and tariffs on merchandise, its ridiculous to want to add to the chaos!!

5. Will the proposed fee have an estimated beneficial economic effect on your business or the *Individual Sewage Disposal System and Liquid Waste Management* industry?

Yes ☒ No ☐

Estimate in Dollars:

Please Explain
Yes with everything going up and no relief under this administration, an additional fee is putting economic stress on top of the economic stress we are already enduring

6. Do you anticipate any indirect economic effects to your business or the Individual Sewage Disposal System and Liquid Waste Management industry as a result of the proposed fee?

Yes ☒ No ☐

Please Explain
Yes, you are going to price businesses right out of business. Give small businesses a break!! How about a $226 rebate for small businesses instead!

For questions regarding this survey, contact the ISDS program at septics@snhd.org or (702) 759-0660. Please return this form before July 31, 2025. Complete the online survey, email to septics@snhd.org, mail to Southern Nevada Health District, EH Engineering Program, PO Box 3902, Las Vegas, NV 89127, or deliver in person to 280 S Decatur, Las Vegas, NV 89107. **Responses must be received no later than July 31, 2025 at 4:30pm.** Responses received after this date will not be considered. If completing the survey online, the link to the survey at the above website will no longer be active after that date.

Attachment C

Proposed Regulations BIS Public Notifications & Posting Verifications

PUBLIC NOTICE

NOTICE OF INTENT TO ADOPT CHANGES TO THE REGULATIONS GOVERNING THE INDIVIDUAL SEWAGE DISPOSAL SYSTEM AND LIQUID WASTE MANAGEMENT IS HEREBY GIVEN. The Health District proposes updating these regulations to simplify and clarify existing language, as well as make other needed changes.

The Health District is currently accepting data and arguments regarding the potential impact of the proposed regulatory changes on businesses as provided in NRS 237. As part of this process, the Health District will hold one public WORKSHOP for interested parties to present their views regarding the potential business impact of the proposed 2025 Individual Sewage Disposal System (ISDS) and Liquid Waste Management regulations. The public workshop will be held on Tuesday April 1, 2025, at 10:00 a.m., in-person at the SNHD Public Health Center, 280 South Decatur Boulevard, Las Vegas, in the Red Rock Conference Room.

Virtual attendees can use the following address:
https://teams.microsoft.com/l/meetup-join/19%3ameeting_ZDRjZjY2MDktMjM0OS00NmNlLWE3MmItNjIwODU5YWNhNjEz%40thread.v2/0?context=%7b%22Tid%22%3a%221f318e99-9fb1-41b3-8c10-d0cab0e9f859%22%2c%22Oid%22%3a%2200bc6bae-97d0-4134-8aa0-7f1d650f85ad%22%7d

Copies of the proposed 2025 Public Accommodation Regulations, list of major changes, and other supporting documents are available for review at 280 South Decatur Boulevard and on the SNHD website at SNHD.info/permits-and-regulations/sewage-septic-disposal-systems-isds. Questions may be directed to SNHD's Environmental Health Division at (702) 759-1660 or to septics@snhd.org.

-S-
Chris Saxton, MPH-EH, REHS
Director of Environmental Health

March 16, 2025
Date

PUBLIC NOTICE

NOTICE OF INTENT TO ADOPT CHANGES TO THE REGULATIONS GOVERNING THE INDIVIDUAL SEWAGE DISPOSAL SYSTEM AND LIQUID WASTE MANAGEMENT IS HEREBY GIVEN. The Health District proposes updating these regulations to simplify and clarify existing language, as well as make other needed changes.

The Health District is currently accepting data and arguments regarding the potential impact of the proposed regulatory changes on businesses as provided in NRS 237. As part of this process, the Health District will hold one public WORKSHOP for interested parties to present their views regarding the potential business impact of the proposed 2025 Individual Sewage Disposal System (ISDS) and Liquid Waste Management regulations. The public workshop will be held on Tuesday April 1, 2025, at 10:00 a.m., in-person at the SNHD Public Health Center, 280 South Decatur Boulevard, Las Vegas, in the Red Rock Conference Room.

Virtual attendees can use the following address:
https://teams.microsoft.com/l/meetup-join/19%3ameeting_ZDRjZjY2MDktMjM0OS00NmNlLWE3MmItNjIwODU5YWNhNjEz%40thread.v2/0?context=%7b%22Tid%22%3a%221f318e99-9fb1-41b3-8c10-d0cab0e9f859%22%2c%22Oid%22%3a%2200bc6bae-97d0-4134-8aa0-7f1d650f85ad%22%7d

Copies of the proposed 2025 Public Accommodation Regulations, list of major changes, and other supporting documents are available for review at 280 South Decatur Boulevard and on the SNHD website at SNHD.info/permits-and-regulations/sewage-septic-disposal-systems-isds. Questions may be directed to SNHD's Environmental Health Division at (702) 759-1660 or to septics@snhd.org.

Chris Saxton, MPH-EH, REHS
Director of Environmental Health

March 6, 2025
Date

SNHD
Southern Nevada Health District

CERTIFICATE OF POSTING

OPEN MEETING NOTICE
NRS 241.020(3)(b)

I certify that I posted the business impact survey notice for the meetings identified below ***more than three working days prior to the meeting*** in accordance with NRS 241.020 (3)(b):

SOUTHERN NEVADA HEALTH DISTRICT
PROPOSED 2025 INDIVIDUAL SEWAGE DISPOSAL SYSTEM AND LIQUID WASTE MANAGEMENT REGULATIONS

Taking place

Tuesday, April 1, 2025, 10:00 a.m.
SNHD Public Health Center
280 South Decatur Blvd, Las Vegas

Virtual and/or in the Red Rock Conference Room

Name of Location: Boulder City, City Hall

Address of Location: 401 California Avenue

City, State, ZIP: Boulder City, NV 89005

Date/Time of Posting: 3/18/2025 @ 1:07pm

Printed Name: Bridgette Rodriguez

Signature: B Rodriguez

Please return this certificate via EMAIL to:
Southern Nevada Health District
Environmental Health Engineering
septics@snhd.org
Thank you!

From: One Touch Mail Administrator [OTISSVC@snhd.org]
Sent: Tuesday, March 18, 2025 12:49 PM
To: Septics [septics@SNHD.ORG]
Subject: SUCCESS: Your 4 page fax was successfully delivered to 702-293-9245 on 03/18/2025 12:46:01

Success

Your 4 page fax was successfully delivered to 702-293-9245 on 03/18/2025 12:46:01

TargetFax ID:	ORA-S0708151
Fax Number:	2939245
Recipient:	702-293-9245
Remote CSID:	
Date/Time Sent:	03/18/2025 12:46:01
Total Pages:	4
Sent By:	CUSTODIOC
Subject:	BIS Notification and Workshop Agenda for Posting

Note: This is a system generated message. Please do not reply. www.otgt.com

Fax Message:

Good Afternoon,

I hope you are well.

Please post the Business Impact Survey Public Notice and Workshop Agenda for the proposed 2025 Individual Sewage Disposal System (ISDS) and Liquid Waste Management regulations.

Kindly complete and return the Certificate of Posting to septics@snhd.org.

Thank you!

Cherie Custodio
702-759-0600

Attachment: 3 pages
Certificate of Posting
Public Notice
Workshop Agenda

CERTIFICATE OF POSTING

OPEN MEETING NOTICE
NRS 241.020(3)(b)

I certify that I posted the business impact survey notice for the meetings identified below ***more than three working days prior to the meeting*** in accordance with NRS 241.020 (3)(b):

SOUTHERN NEVADA HEALTH DISTRICT
PROPOSED 2025 INDIVIDUAL SEWAGE DISPOSAL SYSTEM AND LIQUID WASTE MANAGEMENT REGULATIONS

Taking place

Tuesday, April 1, 2025, 10:00 a.m.
SNHD Public Health Center
280 South Decatur Blvd, Las Vegas

Virtual and/or in the Red Rock Conference Room

Name of Location: Boulder City, City Hall

Address of Location: 401 California Avenue

City, State, ZIP: Boulder City, NV 89005

Date/Time of Posting: _____

Printed Name: _____

Signature: _____

Please return this certificate via EMAIL to:
Southern Nevada Health District
Environmental Health Engineering
septics@snhd.org
Thank you!

PUBLIC NOTICE

NOTICE OF INTENT TO ADOPT CHANGES TO THE REGULATIONS GOVERNING THE INDIVIDUAL SEWAGE DISPOSAL SYSTEM AND LIQUID WASTE MANAGEMENT IS HEREBY GIVEN. The Health District proposes updating these regulations to simplify and clarify existing language, as well as make other needed changes.

The Health District is currently accepting data and arguments regarding the potential impact of the proposed regulatory changes on businesses as provided in NRS 237. As part of this process, the Health District will hold one public WORKSHOP for interested parties to present their views regarding the potential business impact of the proposed 2025 Individual Sewage Disposal System (ISDS) and Liquid Waste Management regulations. The public workshop will be held on Tuesday April 1, 2025, at 10:00 a.m., in-person at the SNHD Public Health Center, 280 South Decatur Boulevard, Las Vegas, in the Red Rock Conference Room.

Virtual attendees can use the following address:
https://teams.microsoft.com/l/meetup-join/19%3ameeting_ZDRjZjY2MDktMjM0OS00NmNlLWE3MmItNjIwODU5YWNhNjEz%40thread.v2/0?context=%7b%22Tid%22%3a%221f318e99-9fb1-41b3-8c10-d0cab0e9f859%22%2c%22Oid%22%3a%2200bc6bae-97d0-4134-8aa0-7f1d650f85ad%22%7d

Copies of the proposed 2025 Public Accommodation Regulations, list of major changes, and other supporting documents are available for review at 280 South Decatur Boulevard and on the SNHD website at SNHD.info/permits-and-regulations/sewage-septic-disposal-systems-isds. Questions may be directed to SNHD's Environmental Health Division at (702) 759-1660 or to septics@snhd.org.

-S-
Chris Saxton, MPH-EH, REHS
Director of Environmental Health

March 16, 2025
Date

PUBLIC WORKSHOP AGENDA
PROPOSED 2025
INDIVIDUAL SEWAGE DISPOSAL SYSTEM AND LIQUID WASTE MANAGEMENT

Southern Nevada Health District Workshop, Virtual and In-Person
Tuesday, April 1, 2025 - 10:00 a.m.

Red Rock Conference Room, 280 S. Decatur Blvd., Las Vegas, NV
or
Virtual-Microsoft Teams
Meeting ID: 268 114 145 366
Passcode: fh2pA9kX

Supporting Documentation available at:
SNHD.info/permits-and-regulations/sewage-septic-disposal-systems-isds

I.	**Introductory Remarks**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor Introduction of SNHD Staff
II.	**Review of Changes by Chapter Document**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor
III.	**Public Comments**	Participants can step up to the speaker's podium; clearly state your name and organization. Spell your last name for the record. Comments will be limited to five (5) minutes per speaker.
IV.	**Summary & Final SNHD Comments**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor
V.	**Adjournment**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor

THIS AGENDA HAS BEEN POSTED IN THE MAIN LOBBY OF THE FOLLOWING LOCATIONS: 1) CLARK COUNTY GOVERNMENT CENTER, 500 S. Grand Central Parkway, Las Vegas, NV; 2) LAS VEGAS CITY HALL, 495 S. Main Street, Las Vegas, NV; 3) NORTH LAS VEGAS CITY HALL, 2250 N. Las Vegas Boulevard, North Las Vegas, NV; 4) HENDERSON CITY HALL, 200 Water Street, Henderson, NV; 5) BOULDER CITY, CITY HALL, 401 California Avenue, Boulder City, NV; 6) MESQUITE CITY HALL, 10 E. Mesquite Boulevard, Mesquite, NV; 7) SOUTHERN NEVADA HEALTH DISTRICT, 280 S. Decatur Boulevard, Las Vegas, NV; and 8) CLARK COUNTY COMMUNITY RESOURCE CENTER, 55 Civic Way, Laughlin, NV.

This Agenda is also available on the Southern Nevada Health District Internet website at https://www.southernnevadahealthdistrict.org/news-info/public-notices/ and on the Nevada Public Notice website at https://notice.nv.gov. For copies of agenda material, please contact Cherie Custodio at (702) 759-0660.
In addition, handouts will be available at the workshop.

NOTE: Disabled members of the public who require special accommodations or assistance at the meetings are requested to notify Cherie Custodio, Senior Administrative Assistant at the Southern Nevada Health District by calling (702) 759-0660.

Southern Nevada Health District

CERTIFICATE OF POSTING

OPEN MEETING NOTICE
NRS 241.020(3)(b)

I certify that I posted the business impact survey notice for the meetings identified below ***more than three working days prior to the meeting*** in accordance with NRS 241.020 (3)(b):

SOUTHERN NEVADA HEALTH DISTRICT
PROPOSED 2025 INDIVIDUAL SEWAGE DISPOSAL SYSTEM AND LIQUID WASTE MANAGEMENT REGULATIONS

Taking place

Tuesday, April 1, 2025, 10:00 a.m.
SNHD Public Health Center
280 South Decatur Blvd, Las Vegas

Virtual and/or in the Red Rock Conference Room

Name of Location: Clark County Government Center

Address of Location: 500 South Grand Central Parkway

City, State, ZIP: Las Vegas, NV 89155

Date/Time of Posting: MARCH 25, 2025 AT 11:00 AM.

Printed Name: MARCIE WHELAN

Signature: Marcie Whelan

Please return this certificate via EMAIL to:
Southern Nevada Health District
Environmental Health Engineering
septics@snhd.org
Thank you!

280 South Decatur Blvd • P.O. Box 3902 • Las Vegas, NV 89127 • (702) 759-1000 • www.southernnevadahealthdistrict.org

To:	**Clark County, County Manager's Office**	**Sent By:**	**Septics**
Company:		**Company:**	**Southern Nevada Health District**
Phone:	**702-455-3530**	**Phone:**	**702-759-0660**
Fax:	**702-455-3558**	**Fax:**	
Date/Time:	**03/18/2025 14:54:40**	**Total Pages:**	**4**

Subject: BIS Notification and Workshop Agenda for Posting

The information contained in this facsimile message may be privileged and confidential, intended for the use of the designated recipient named above. If the reader of this message is not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited.

Good Afternoon,

I hope you are well.

Please post the Business Impact Survey Public Notice and Workshop Agenda for the proposed 2025 Individual Sewage Disposal System (ISDS) and Liquid Waste Management regulations.

Kindly complete and return the Certificate of Posting to septics@snhd.org.

Thank you!

Cherie Custodio
702-759-0600

Attachment: 3 pages
Certificate of Posting
Public Notice
Workshop Agenda

Please do not fax posting Requests. Email to ADMINISTRATIVE.SERVICES@CLARKCOUNTYNV.GOV

If you have any questions, please call Me at 702-455-3528 - MARCIE

From: One Touch Mail Administrator [OTISSVC@snhd.org]
Sent: Tuesday, March 18, 2025 2:59 PM
To: Septics [septics@SNHD.ORG]
Subject: SUCCESS: Your 4 page fax was successfully delivered to 702-455-3558 on 03/18/2025 14:56:45

Success

Your 4 page fax was successfully delivered to 702-455-3558 on 03/18/2025 14:56:45

TargetFax ID:	ORA-S0708239
Fax Number:	4553558
Recipient:	702-455-3558
Remote CSID:	
Date/Time Sent:	03/18/2025 14:56:45
Total Pages:	4
Sent By:	CUSTODIOC
Subject:	BIS Notification and Workshop Agenda for Posting

Note: This is a system generated message. Please do not reply. www.otgt.com

Fax Message:

Good Afternoon,

I hope you are well.

Please post the Business Impact Survey Public Notice and Workshop Agenda for the proposed 2025 Individual Sewage Disposal System (ISDS) and Liquid Waste Management regulations.

Kindly complete and return the Certificate of Posting to septics@snhd.org.

Thank you!

Cherie Custodio
702-759-0600

Attachment: 3 pages
Certificate of Posting
Public Notice
Workshop Agenda

CERTIFICATE OF POSTING

OPEN MEETING NOTICE
NRS 241.020(3)(b)

I certify that I posted the business impact survey notice for the meetings identified below ***more than three working days prior to the meeting*** in accordance with NRS 241.020 (3)(b):

SOUTHERN NEVADA HEALTH DISTRICT
PROPOSED 2025 INDIVIDUAL SEWAGE DISPOSAL SYSTEM AND LIQUID WASTE MANAGEMENT REGULATIONS

Taking place

Tuesday, April 1, 2025, 10:00 a.m.
SNHD Public Health Center
280 South Decatur Blvd, Las Vegas

Virtual and/or in the Red Rock Conference Room

Name of Location: Clark County Government Center

Address of Location: 500 South Grand Central Parkway

City, State, ZIP: Las Vegas, NV 89155

Date/Time of Posting: _____

Printed Name: _____

Signature: _____

Please return this certificate via EMAIL to:
Southern Nevada Health District
Environmental Health Engineering
septics@snhd.org
Thank you!

PUBLIC NOTICE

NOTICE OF INTENT TO ADOPT CHANGES TO THE REGULATIONS GOVERNING THE INDIVIDUAL SEWAGE DISPOSAL SYSTEM AND LIQUID WASTE MANAGEMENT IS HEREBY GIVEN. The Health District proposes updating these regulations to simplify and clarify existing language, as well as make other needed changes.

The Health District is currently accepting data and arguments regarding the potential impact of the proposed regulatory changes on businesses as provided in NRS 237. As part of this process, the Health District will hold one public WORKSHOP for interested parties to present their views regarding the potential business impact of the proposed 2025 Individual Sewage Disposal System (ISDS) and Liquid Waste Management regulations. The public workshop will be held on Tuesday April 1, 2025, at 10:00 a.m., in-person at the SNHD Public Health Center, 280 South Decatur Boulevard, Las Vegas, in the Red Rock Conference Room.

Virtual attendees can use the following address:
https://teams.microsoft.com/l/meetup-join/19%3ameeting_ZDRjZjY2MDktMjM0OS00NmNlLWE3MmItNjIwODU5YWNhNjEz%40thread.v2/0?context=%7b%22Tid%22%3a%221f318e99-9fb1-41b3-8c10-d0cab0e9f859%22%2c%22Oid%22%3a%2200bc6bae-97d0-4134-8aa0-7f1d650f85ad%22%7d

Copies of the proposed 2025 Public Accommodation Regulations, list of major changes, and other supporting documents are available for review at 280 South Decatur Boulevard and on the SNHD website at SNHD.info/permits-and-regulations/sewage-septic-disposal-systems-isds. Questions may be directed to SNHD's Environmental Health Division at (702) 759-1660 or to septics@snhd.org.

-S-
Chris Saxton, MPH-EH, REHS
Director of Environmental Health

March 16, 2025
Date

PUBLIC WORKSHOP AGENDA
PROPOSED 2025
INDIVIDUAL SEWAGE DISPOSAL SYSTEM AND LIQUID WASTE MANAGEMENT

Southern Nevada Health District Workshop, Virtual and In-Person
Tuesday, April 1, 2025 - 10:00 a.m.

Red Rock Conference Room, 280 S. Decatur Blvd., Las Vegas, NV
or
Virtual-Microsoft Teams
Meeting ID: 268 114 145 366
Passcode: fh2pA9kX

Supporting Documentation available at:
SNHD.info/permits-and-regulations/sewage-septic-disposal-systems-isds

I.	**Introductory Remarks**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor Introduction of SNHD Staff
II.	**Review of Changes by Chapter Document**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor
III.	**Public Comments**	Participants can step up to the speaker's podium; clearly state your name and organization. Spell your last name for the record. Comments will be limited to five (5) minutes per speaker.
IV.	**Summary & Final SNHD Comments**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor
V.	**Adjournment**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor

THIS AGENDA HAS BEEN POSTED IN THE MAIN LOBBY OF THE FOLLOWING LOCATIONS: 1) CLARK COUNTY GOVERNMENT CENTER, 500 S. Grand Central Parkway, Las Vegas, NV; 2) LAS VEGAS CITY HALL, 495 S. Main Street, Las Vegas, NV; 3) NORTH LAS VEGAS CITY HALL, 2250 N. Las Vegas Boulevard, North Las Vegas, NV; 4) HENDERSON CITY HALL, 200 Water Street, Henderson, NV; 5) BOULDER CITY, CITY HALL, 401 California Avenue, Boulder City, NV; 6) MESQUITE CITY HALL, 10 E. Mesquite Boulevard, Mesquite, NV; 7) SOUTHERN NEVADA HEALTH DISTRICT, 280 S. Decatur Boulevard, Las Vegas, NV; and 8) CLARK COUNTY COMMUNITY RESOURCE CENTER, 55 Civic Way, Laughlin, NV.

This Agenda is also available on the Southern Nevada Health District Internet website at https://www.southernnevadahealthdistrict.org/news-info/public-notices/ and on the Nevada Public Notice website at https://notice.nv.gov. For copies of agenda material, please contact Cherie Custodio at (702) 759-0660.
In addition, handouts will be available at the workshop.

NOTE: Disabled members of the public who require special accommodations or assistance at the meetings are requested to notify Cherie Custodio, Senior Administrative Assistant at the Southern Nevada Health District by calling (702) 759-0660.

Southern Nevada Health District

CERTIFICATE OF POSTING

OPEN MEETING NOTICE
NRS 241.020(3)(b)

I certify that I posted the business impact survey notice for the meetings identified below ***more than three working days prior to the meeting*** in accordance with NRS 241.020 (3)(b):

SOUTHERN NEVADA HEALTH DISTRICT
PROPOSED 2025 INDIVIDUAL SEWAGE DISPOSAL SYSTEM AND LIQUID WASTE MANAGEMENT REGULATIONS

Taking place

Tuesday, April 1, 2025, 10:00 a.m.
SNHD Public Health Center
280 South Decatur Blvd, Las Vegas

Virtual and/or in the Red Rock Conference Room

Name of Location: Las Vegas City Hall

Address of Location: 495 South Main Street

City, State, ZIP: Las Vegas, NV 89101

Date/Time of Posting: 3/19/25 @ 6:34 am

Printed Name: Sara Mays

Signature:

Please return this certificate via EMAIL to:
Southern Nevada Health District
Environmental Health Engineering
septics@snhd.org
Thank you!

From: One Touch Mail Administrator [OTISSVC@snhd.org]
Sent: Tuesday, March 18, 2025 12:59 PM
To: Septics [septics@SNHD.ORG]
Subject: SUCCESS: Your 4 page fax was successfully delivered to 702-382-4803 on 03/18/2025 12:57:47

Success

Your 4 page fax was successfully delivered to 702-382-4803 on 03/18/2025 12:57:47

TargetFax ID:	ORA-S0708158
Fax Number:	3824803
Recipient:	702-382-4803
Remote CSID:	
Date/Time Sent:	03/18/2025 12:57:47
Total Pages:	4
Sent By:	CUSTODIOC
Subject:	BIS Notification and Workshop Agenda for Posting

Note: This is a system generated message. Please do not reply. www.otgt.com

Fax Message:

Good Afternoon,

I hope you are well.

Please post the Business Impact Survey Public Notice and Workshop Agenda for the proposed 2025 Individual Sewage Disposal System (ISDS) and Liquid Waste Management regulations.

Kindly complete and return the Certificate of Posting to septics@snhd.org.

Thank you!

Cherie Custodio
702-759-0600

Attachment: 3 pages
Certificate of Posting
Public Notice
Workshop Agenda

CERTIFICATE OF POSTING

OPEN MEETING NOTICE
NRS 241.020(3)(b)

I certify that I posted the business impact survey notice for the meetings identified below ***more than three working days prior to the meeting*** in accordance with NRS 241.020 (3)(b):

SOUTHERN NEVADA HEALTH DISTRICT
PROPOSED 2025 INDIVIDUAL SEWAGE DISPOSAL SYSTEM AND LIQUID WASTE MANAGEMENT REGULATIONS

Taking place

Tuesday, April 1, 2025, 10:00 a.m.
SNHD Public Health Center
280 South Decatur Blvd, Las Vegas

Virtual and/or in the Red Rock Conference Room

Name of Location: Las Vegas City Hall

Address of Location: 495 South Main Street

City, State, ZIP: Las Vegas, NV 89101

Date/Time of Posting: _____

Printed Name: _____

Signature: _____

Please return this certificate via EMAIL to:
Southern Nevada Health District
Environmental Health Engineering
septics@snhd.org
Thank you!

PUBLIC NOTICE

NOTICE OF INTENT TO ADOPT CHANGES TO THE REGULATIONS GOVERNING THE INDIVIDUAL SEWAGE DISPOSAL SYSTEM AND LIQUID WASTE MANAGEMENT IS HEREBY GIVEN. The Health District proposes updating these regulations to simplify and clarify existing language, as well as make other needed changes.

The Health District is currently accepting data and arguments regarding the potential impact of the proposed regulatory changes on businesses as provided in NRS 237. As part of this process, the Health District will hold one public WORKSHOP for interested parties to present their views regarding the potential business impact of the proposed 2025 Individual Sewage Disposal System (ISDS) and Liquid Waste Management regulations. The public workshop will be held on Tuesday April 1, 2025, at 10:00 a.m., in-person at the SNHD Public Health Center, 280 South Decatur Boulevard, Las Vegas, in the Red Rock Conference Room.

Virtual attendees can use the following address:
https://teams.microsoft.com/l/meetup-join/19%3ameeting_ZDRjZjY2MDktMjM0OS00NmNlLWE3MmItNjIwODU5YWNhNjEz%40thread.v2/0?context=%7b%22Tid%22%3a%221f318e99-9fb1-41b3-8c10-d0cab0e9f859%22%2c%22Oid%22%3a%2200bc6bae-97d0-4134-8aa0-7f1d650f85ad%22%7d

Copies of the proposed 2025 Public Accommodation Regulations, list of major changes, and other supporting documents are available for review at 280 South Decatur Boulevard and on the SNHD website at SNHD.info/permits-and-regulations/sewage-septic-disposal-systems-isds. Questions may be directed to SNHD's Environmental Health Division at (702) 759-1660 or to septics@snhd.org.

-S-
Chris Saxton, MPH-EH, REHS
Director of Environmental Health

March 16, 2025
Date

PUBLIC WORKSHOP AGENDA
PROPOSED 2025
INDIVIDUAL SEWAGE DISPOSAL SYSTEM AND LIQUID WASTE MANAGEMENT

Southern Nevada Health District Workshop, Virtual and In-Person
Tuesday, April 1, 2025 - 10:00 a.m.

Red Rock Conference Room, 280 S. Decatur Blvd., Las Vegas, NV
or
Virtual-Microsoft Teams
Meeting ID: 268 114 145 366
Passcode: fh2pA9kX

Supporting Documentation available at:
SNHD.info/permits-and-regulations/sewage-septic-disposal-systems-isds

I.	**Introductory Remarks**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor Introduction of SNHD Staff
II.	**Review of Changes by Chapter Document**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor
III.	**Public Comments**	Participants can step up to the speaker's podium; clearly state your name and organization. Spell your last name for the record. Comments will be limited to five (5) minutes per speaker.
IV.	**Summary & Final SNHD Comments**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor
V.	**Adjournment**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor

THIS AGENDA HAS BEEN POSTED IN THE MAIN LOBBY OF THE FOLLOWING LOCATIONS: 1) CLARK COUNTY GOVERNMENT CENTER, 500 S. Grand Central Parkway, Las Vegas, NV; 2) LAS VEGAS CITY HALL, 495 S. Main Street, Las Vegas, NV; 3) NORTH LAS VEGAS CITY HALL, 2250 N. Las Vegas Boulevard, North Las Vegas, NV; 4) HENDERSON CITY HALL, 200 Water Street, Henderson, NV; 5) BOULDER CITY, CITY HALL, 401 California Avenue, Boulder City, NV; 6) MESQUITE CITY HALL, 10 E. Mesquite Boulevard, Mesquite, NV; 7) SOUTHERN NEVADA HEALTH DISTRICT, 280 S. Decatur Boulevard, Las Vegas, NV; and 8) CLARK COUNTY COMMUNITY RESOURCE CENTER, 55 Civic Way, Laughlin, NV.

This Agenda is also available on the Southern Nevada Health District Internet website at https://www.southernnevadahealthdistrict.org/news-info/public-notices/ and on the Nevada Public Notice website at https://notice.nv.gov. For copies of agenda material, please contact Cherie Custodio at (702) 759-0660.
In addition, handouts will be available at the workshop.

NOTE: Disabled members of the public who require special accommodations or assistance at the meetings are requested to notify Cherie Custodio, Senior Administrative Assistant at the Southern Nevada Health District by calling (702) 759-0660.

SNHD
Southern Nevada Health District

CERTIFICATE OF POSTING

OPEN MEETING NOTICE
NRS 241.020(3)(b)

I certify that I posted the business impact survey notice for the meetings identified below ***more than three working days prior to the meeting*** in accordance with NRS 241.020 (3)(b):

SOUTHERN NEVADA HEALTH DISTRICT
PROPOSED 2025 INDIVIDUAL SEWAGE DISPOSAL SYSTEM AND LIQUID WASTE MANAGEMENT REGULATIONS

Taking place

Tuesday, April 1, 2025, 10:00 a.m.
SNHD Public Health Center
280 South Decatur Blvd, Las Vegas

Virtual and/or in the Red Rock Conference Room

Name of Location: North Las Vegas City Hall

Address of Location: 2250 North Las Vegas Boulevard

City, State, ZIP: North Las Vegas, NV 89030

Date/Time of Posting: 3/18/25 @ 4:58pm

Printed Name: Isabel Rodriguez

Signature: Isabel Rodriguez

Please return this certificate via EMAIL to:
Southern Nevada Health District
Environmental Health Engineering
septics@snhd.org
Thank you!

From: One Touch Mail Administrator [OTISSVC@snhd.org]
Sent: Tuesday, March 18, 2025 12:56 PM
To: Septics [septics@SNHD.ORG]
Subject: SUCCESS: Your 4 page fax was successfully delivered to 702-649-3846 on 03/18/2025 12:54:54

Success

Your 4 page fax was successfully delivered to 702-649-3846 on 03/18/2025 12:54:54

TargetFax ID:	ORA-S0708156
Fax Number:	6493846
Recipient:	702-649-3846
Remote CSID:	
Date/Time Sent:	03/18/2025 12:54:54
Total Pages:	4
Sent By:	CUSTODIOC
Subject:	BIS Notification and Workshop Agenda for Posting

Note: This is a system generated message. Please do not reply. www.otgt.com

Fax Message:

Good Afternoon,

I hope you are well.

Please post the Business Impact Survey Public Notice and Workshop Agenda for the proposed 2025 Individual Sewage Disposal System (ISDS) and Liquid Waste Management regulations.

Kindly complete and return the Certificate of Posting to septics@snhd.org.

Thank you!

Cherie Custodio
702-759-0600

Attachment: 3 pages
Certificate of Posting
Public Notice
Workshop Agenda

CERTIFICATE OF POSTING

OPEN MEETING NOTICE
NRS 241.020(3)(b)

I certify that I posted the business impact survey notice for the meetings identified below ***more than three working days prior to the meeting*** in accordance with NRS 241.020 (3)(b):

SOUTHERN NEVADA HEALTH DISTRICT
PROPOSED 2025 INDIVIDUAL SEWAGE DISPOSAL SYSTEM AND LIQUID WASTE MANAGEMENT REGULATIONS

Taking place

Tuesday, April 1, 2025, 10:00 a.m.
SNHD Public Health Center
280 South Decatur Blvd, Las Vegas

Virtual and/or in the Red Rock Conference Room

Name of Location: North Las Vegas City Hall

Address of Location: 2250 North Las Vegas Boulevard

City, State, ZIP: North Las Vegas, NV 89030

Date/Time of Posting: _____

Printed Name: _____

Signature: _____

Please return this certificate via EMAIL to:
Southern Nevada Health District
Environmental Health Engineering
septics@snhd.org
Thank you!

PUBLIC NOTICE

NOTICE OF INTENT TO ADOPT CHANGES TO THE REGULATIONS GOVERNING THE INDIVIDUAL SEWAGE DISPOSAL SYSTEM AND LIQUID WASTE MANAGEMENT IS HEREBY GIVEN. The Health District proposes updating these regulations to simplify and clarify existing language, as well as make other needed changes.

The Health District is currently accepting data and arguments regarding the potential impact of the proposed regulatory changes on businesses as provided in NRS 237. As part of this process, the Health District will hold one public WORKSHOP for interested parties to present their views regarding the potential business impact of the proposed 2025 Individual Sewage Disposal System (ISDS) and Liquid Waste Management regulations. The public workshop will be held on Tuesday April 1, 2025, at 10:00 a.m., in-person at the SNHD Public Health Center, 280 South Decatur Boulevard, Las Vegas, in the Red Rock Conference Room.

Virtual attendees can use the following address:
https://teams.microsoft.com/l/meetup-join/19%3ameeting_ZDRjZjY2MDktMjM0OS00NmNlLWE3MmItNjIwODU5YWNhNjEz%40thread.v2/0?context=%7b%22Tid%22%3a%221f318e99-9fb1-41b3-8c10-d0cab0e9f859%22%2c%22Oid%22%3a%2200bc6bae-97d0-4134-8aa0-7f1d650f85ad%22%7d

Copies of the proposed 2025 Public Accommodation Regulations, list of major changes, and other supporting documents are available for review at 280 South Decatur Boulevard and on the SNHD website at SNHD.info/permits-and-regulations/sewage-septic-disposal-systems-isds. Questions may be directed to SNHD's Environmental Health Division at (702) 759-1660 or to septics@snhd.org.

-S-
Chris Saxton, MPH-EH, REHS
Director of Environmental Health

March 16, 2025
Date

PUBLIC WORKSHOP AGENDA
PROPOSED 2025
INDIVIDUAL SEWAGE DISPOSAL SYSTEM AND LIQUID WASTE MANAGEMENT

Southern Nevada Health District Workshop, Virtual and In-Person
Tuesday, April 1, 2025 - 10:00 a.m.

Red Rock Conference Room, 280 S. Decatur Blvd., Las Vegas, NV
or
Virtual-Microsoft Teams
Meeting ID: 268 114 145 366
Passcode: fh2pA9kX

Supporting Documentation available at:
SNHD.info/permits-and-regulations/sewage-septic-disposal-systems-isds

I.	**Introductory Remarks**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor Introduction of SNHD Staff
II.	**Review of Changes by Chapter Document**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor
III.	**Public Comments**	Participants can step up to the speaker's podium; clearly state your name and organization. Spell your last name for the record. Comments will be limited to five (5) minutes per speaker.
IV.	**Summary & Final SNHD Comments**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor
V.	**Adjournment**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor

THIS AGENDA HAS BEEN POSTED IN THE MAIN LOBBY OF THE FOLLOWING LOCATIONS: 1) CLARK COUNTY GOVERNMENT CENTER, 500 S. Grand Central Parkway, Las Vegas, NV; 2) LAS VEGAS CITY HALL, 495 S. Main Street, Las Vegas, NV; 3) NORTH LAS VEGAS CITY HALL, 2250 N. Las Vegas Boulevard, North Las Vegas, NV; 4) HENDERSON CITY HALL, 200 Water Street, Henderson, NV; 5) BOULDER CITY, CITY HALL, 401 California Avenue, Boulder City, NV; 6) MESQUITE CITY HALL, 10 E. Mesquite Boulevard, Mesquite, NV; 7) SOUTHERN NEVADA HEALTH DISTRICT, 280 S. Decatur Boulevard, Las Vegas, NV; and 8) CLARK COUNTY COMMUNITY RESOURCE CENTER, 55 Civic Way, Laughlin, NV.

This Agenda is also available on the Southern Nevada Health District Internet website at https://www.southernnevadahealthdistrict.org/news-info/public-notices/ and on the Nevada Public Notice website at https://notice.nv.gov. For copies of agenda material, please contact Cherie Custodio at (702) 759-0660.
In addition, handouts will be available at the workshop.

NOTE: Disabled members of the public who require special accommodations or assistance at the meetings are requested to notify Cherie Custodio, Senior Administrative Assistant at the Southern Nevada Health District by calling (702) 759-0660.

Southern Nevada Health District

CERTIFICATE OF POSTING

OPEN MEETING NOTICE
NRS 241.020(3)(b)

I certify that I posted the business impact survey notice for the meetings identified below ***more than three working days prior to the meeting*** in accordance with NRS 241.020 (3)(b):

SOUTHERN NEVADA HEALTH DISTRICT
PROPOSED 2025 INDIVIDUAL SEWAGE DISPOSAL SYSTEM AND LIQUID WASTE MANAGEMENT REGULATIONS

Taking place

Tuesday, April 1, 2025, 10:00 a.m.
SNHD Public Health Center
280 South Decatur Blvd, Las Vegas

Virtual and/or in the Red Rock Conference Room

Name of Location: Henderson City Hall

Address of Location: 240 Water Street

City, State, ZIP: Henderson, NV 89015-7227

Date/Time of Posting: March 18, 2025 3:19 pm

Printed Name: Cynthia Smith

Signature:

Please return this certificate via EMAIL to:
Southern Nevada Health District
Environmental Health Engineering
septics@snhd.org
Thank you!

From: One Touch Mail Administrator [OTISSVC@snhd.org]
Sent: Tuesday, March 18, 2025 12:43 PM
To: Septics [septics@SNHD.ORG]
Subject: SUCCESS: Your 4 page fax was successfully delivered to 702-267-1401 on 03/18/2025 12:39:38

Success

Your 4 page fax was successfully delivered to 702-267-1401 on 03/18/2025 12:39:38

TargetFax ID:	ORA-S0708133
Fax Number:	2671401
Recipient:	702-267-1401
Remote CSID:	
Date/Time Sent:	03/18/2025 12:39:38
Total Pages:	4
Sent By:	CUSTODIOC
Subject:	BIS Notification and Workshop Agenda for Posting

Note: This is a system generated message. Please do not reply. www.otgt.com

Fax Message:

Good Afternoon,

I hope you are well.

Please post the Business Impact Survey Public Notice and Workshop Agenda for the proposed 2025 Individual Sewage Disposal System (ISDS) and Liquid Waste Management regulations.

Kindly complete and return the Certificate of Posting to septics@snhd.org.

Thank you!

Cherie Custodio
702-759-0600

Attachment: 3 pages
Certificate of Posting
Public Notice
Workshop Agenda

CERTIFICATE OF POSTING

OPEN MEETING NOTICE
NRS 241.020(3)(b)

I certify that I posted the business impact survey notice for the meetings identified below ***more than three working days prior to the meeting*** in accordance with NRS 241.020 (3)(b):

SOUTHERN NEVADA HEALTH DISTRICT
PROPOSED 2025 INDIVIDUAL SEWAGE DISPOSAL SYSTEM AND LIQUID WASTE MANAGEMENT REGULATIONS

Taking place

Tuesday, April 1, 2025, 10:00 a.m.
SNHD Public Health Center
280 South Decatur Blvd, Las Vegas

Virtual and/or in the Red Rock Conference Room

Name of Location: Henderson City Hall

Address of Location: 240 Water Street

City, State, ZIP: Henderson, NV 89015-7227

Date/Time of Posting: _____

Printed Name: _____

Signature: _____

Please return this certificate via EMAIL to:
Southern Nevada Health District
Environmental Health Engineering
septics@snhd.org
Thank you!

PUBLIC NOTICE

NOTICE OF INTENT TO ADOPT CHANGES TO THE REGULATIONS GOVERNING THE INDIVIDUAL SEWAGE DISPOSAL SYSTEM AND LIQUID WASTE MANAGEMENT IS HEREBY GIVEN. The Health District proposes updating these regulations to simplify and clarify existing language, as well as make other needed changes.

The Health District is currently accepting data and arguments regarding the potential impact of the proposed regulatory changes on businesses as provided in NRS 237. As part of this process, the Health District will hold one public WORKSHOP for interested parties to present their views regarding the potential business impact of the proposed 2025 Individual Sewage Disposal System (ISDS) and Liquid Waste Management regulations. The public workshop will be held on Tuesday April 1, 2025, at 10:00 a.m., in-person at the SNHD Public Health Center, 280 South Decatur Boulevard, Las Vegas, in the Red Rock Conference Room.

Virtual attendees can use the following address:
https://teams.microsoft.com/l/meetup-join/19%3ameeting_ZDRjZjY2MDktMjM0OS00NmNlLWE3MmItNjIwODU5YWNhNjEz%40thread.v2/0?context=%7b%22Tid%22%3a%221f318e99-9fb1-41b3-8c10-d0cab0e9f859%22%2c%22Oid%22%3a%2200bc6bae-97d0-4134-8aa0-7f1d650f85ad%22%7d

Copies of the proposed 2025 Public Accommodation Regulations, list of major changes, and other supporting documents are available for review at 280 South Decatur Boulevard and on the SNHD website at SNHD.info/permits-and-regulations/sewage-septic-disposal-systems-isds. Questions may be directed to SNHD's Environmental Health Division at (702) 759-1660 or to septics@snhd.org.

-S-
Chris Saxton, MPH-EH, REHS
Director of Environmental Health

March 16, 2025
Date

PUBLIC WORKSHOP AGENDA
PROPOSED 2025
INDIVIDUAL SEWAGE DISPOSAL SYSTEM AND LIQUID WASTE MANAGEMENT

Southern Nevada Health District Workshop, Virtual and In-Person
Tuesday, April 1, 2025 - 10:00 a.m.

Red Rock Conference Room, 280 S. Decatur Blvd., Las Vegas, NV
or
Virtual-Microsoft Teams
Meeting ID: 268 114 145 366
Passcode: fh2pA9kX

Supporting Documentation available at:
SNHD.info/permits-and-regulations/sewage-septic-disposal-systems-isds

I.	**Introductory Remarks**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor Introduction of SNHD Staff
II.	**Review of Changes by Chapter Document**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor
III.	**Public Comments**	Participants can step up to the speaker's podium; clearly state your name and organization. Spell your last name for the record. Comments will be limited to five (5) minutes per speaker.
IV.	**Summary & Final SNHD Comments**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor
V.	**Adjournment**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor

THIS AGENDA HAS BEEN POSTED IN THE MAIN LOBBY OF THE FOLLOWING LOCATIONS: 1) CLARK COUNTY GOVERNMENT CENTER, 500 S. Grand Central Parkway, Las Vegas, NV; 2) LAS VEGAS CITY HALL, 495 S. Main Street, Las Vegas, NV; 3) NORTH LAS VEGAS CITY HALL, 2250 N. Las Vegas Boulevard, North Las Vegas, NV; 4) HENDERSON CITY HALL, 200 Water Street, Henderson, NV; 5) BOULDER CITY, CITY HALL, 401 California Avenue, Boulder City, NV; 6) MESQUITE CITY HALL, 10 E. Mesquite Boulevard, Mesquite, NV; 7) SOUTHERN NEVADA HEALTH DISTRICT, 280 S. Decatur Boulevard, Las Vegas, NV; and 8) CLARK COUNTY COMMUNITY RESOURCE CENTER, 55 Civic Way, Laughlin, NV.

This Agenda is also available on the Southern Nevada Health District Internet website at https://www.southernnevadahealthdistrict.org/news-info/public-notices/ and on the Nevada Public Notice website at https://notice.nv.gov. For copies of agenda material, please contact Cherie Custodio at (702) 759-0660.
In addition, handouts will be available at the workshop.

NOTE: Disabled members of the public who require special accommodations or assistance at the meetings are requested to notify Cherie Custodio, Senior Administrative Assistant at the Southern Nevada Health District by calling (702) 759-0660.

Southern Nevada Health District

CERTIFICATE OF POSTING

OPEN MEETING NOTICE
NRS 241.020(3)(b)

I certify that I posted the business impact survey notice for the meetings identified below ***more than three working days prior to the meeting*** in accordance with NRS 241.020 (3)(b):

SOUTHERN NEVADA HEALTH DISTRICT
PROPOSED 2025 INDIVIDUAL SEWAGE DISPOSAL SYSTEM AND LIQUID WASTE MANAGEMENT REGULATIONS

Taking place

Tuesday, April 1, 2025, 10:00 a.m.
SNHD Public Health Center
280 South Decatur Blvd, Las Vegas

Virtual and/or in the Red Rock Conference Room

Name of Location: Laughlin Clark County Community Resource Center

Address of Location: 55 Civic Way

City, State, ZIP: Laughlin, NV 89029

Date/Time of Posting: 3/19/2025 8am

Printed Name: Tina Gish

Signature: [signature]

Please return this certificate via EMAIL to:
Environmental Health Engineering
septics@snhd.org
Thank you!

Delivered: BIS Notification and Workshop Agenda for Posting

Microsoft Outlook <MicrosoftExchange329e71ec88ae4615bbc36ab6ce41109e@SNHD.ORG>

Sent Tue 3/18/2025 3:29 PM

To Septics

Retention Policy Default 365 Days Policy (1 year) Expires 3/18/2026

Your message has been delivered to the following recipients:

Tina Gish (gish@SNHD.ORG)

Subject: BIS Notification and Workshop Agenda for Posting

BIS Notification and Workshop Agenda for Posting

Septics

To Tina Gish

Cc Daniel Burns; Daniel Isler

BIS Cert of Posting Laughlin.pdf
439 KB

Reply | Reply All | Forward

Tue 3/18/2025 3:29 PM

Good Afternoon Tina,

I hope you are well.

Please post the Business Impact Survey Public Notice and Workshop Agenda for the proposed 2025 Individual Sewage Disposal System (ISDS) and Liquid Waste Management regulations.

Kindly complete and return the Certificate of Posting to septics@snhd.org.

Thank you!

Best,

Cherie

Cherie Custodio
Sr Administrative Assistant
Southern Nevada Health District
Environmental Health
Address: 280 S. Decatur Blvd., Las Vegas, NV 89107
Office: 702-759-0660
septics@snhd.org

In Office: Tuesdays and Thursdays 0600-1630
Remote: Mondays and Wednesdays 0600-1630
Off: Fridays

To receive invoices and updated account information, click this link https://www.southernnevadahealthdistrict.org/permits-and-regulations/environmental-health-online-invoice/.

CERTIFICATE OF POSTING

OPEN MEETING NOTICE
NRS 241.020(3)(b)

I certify that I posted the business impact survey notice for the meetings identified below ***more than three working days prior to the meeting*** in accordance with NRS 241.020 (3)(b):

SOUTHERN NEVADA HEALTH DISTRICT
PROPOSED 2025 INDIVIDUAL SEWAGE DISPOSAL SYSTEM AND LIQUID WASTE MANAGEMENT REGULATIONS

Taking place

Tuesday, April 1, 2025, 10:00 a.m.
SNHD Public Health Center
280 South Decatur Blvd, Las Vegas

Virtual and/or in the Red Rock Conference Room

Name of Location: Laughlin Clark County Community Resource Center

Address of Location: 55 Civic Way

City, State, ZIP: Laughlin, NV 89029

Date/Time of Posting: _____

Printed Name: _____

Signature: _____

Please return this certificate via EMAIL to:
Environmental Health Engineering
septics@snhd.org
Thank you!

PUBLIC NOTICE

NOTICE OF INTENT TO ADOPT CHANGES TO THE REGULATIONS GOVERNING THE INDIVIDUAL SEWAGE DISPOSAL SYSTEM AND LIQUID WASTE MANAGEMENT IS HEREBY GIVEN. The Health District proposes updating these regulations to simplify and clarify existing language, as well as make other needed changes.

The Health District is currently accepting data and arguments regarding the potential impact of the proposed regulatory changes on businesses as provided in NRS 237. As part of this process, the Health District will hold one public WORKSHOP for interested parties to present their views regarding the potential business impact of the proposed 2025 Individual Sewage Disposal System (ISDS) and Liquid Waste Management regulations. The public workshop will be held on Tuesday April 1, 2025, at 10:00 a.m., in-person at the SNHD Public Health Center, 280 South Decatur Boulevard, Las Vegas, in the Red Rock Conference Room.

Virtual attendees can use the following address:
https://teams.microsoft.com/l/meetup-join/19%3ameeting_ZDRjZjY2MDktMjM0OS00NmNlLWE3MmItNjIwODU5YWNhNjEz%40thread.v2/0?context=%7b%22Tid%22%3a%221f318e99-9fb1-41b3-8c10-d0cab0e9f859%22%2c%22Oid%22%3a%2200bc6bae-97d0-4134-8aa0-7f1d650f85ad%22%7d

Copies of the proposed 2025 Public Accommodation Regulations, list of major changes, and other supporting documents are available for review at 280 South Decatur Boulevard and on the SNHD website at SNHD.info/permits-and-regulations/sewage-septic-disposal-systems-isds. Questions may be directed to SNHD's Environmental Health Division at (702) 759-1660 or to septics@snhd.org.

-S-
Chris Saxton, MPH-EH, REHS
Director of Environmental Health

March 16, 2025
Date

PUBLIC WORKSHOP AGENDA
PROPOSED 2025
INDIVIDUAL SEWAGE DISPOSAL SYSTEM AND LIQUID WASTE MANAGEMENT

Southern Nevada Health District Workshop, Virtual and In-Person
Tuesday, April 1, 2025 - 10:00 a.m.

Red Rock Conference Room, 280 S. Decatur Blvd., Las Vegas, NV
or
Virtual-Microsoft Teams
Meeting ID: 268 114 145 366
Passcode: fh2pA9kX

Supporting Documentation available at:
SNHD.info/permits-and-regulations/sewage-septic-disposal-systems-isds

I.	**Introductory Remarks**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor Introduction of SNHD Staff
II.	**Review of Changes by Chapter Document**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor
III.	**Public Comments**	Participants can step up to the speaker's podium; clearly state your name and organization. Spell your last name for the record. Comments will be limited to five (5) minutes per speaker.
IV.	**Summary & Final SNHD Comments**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor
V.	**Adjournment**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor

THIS AGENDA HAS BEEN POSTED IN THE MAIN LOBBY OF THE FOLLOWING LOCATIONS: 1) CLARK COUNTY GOVERNMENT CENTER, 500 S. Grand Central Parkway, Las Vegas, NV; 2) LAS VEGAS CITY HALL, 495 S. Main Street, Las Vegas, NV; 3) NORTH LAS VEGAS CITY HALL, 2250 N. Las Vegas Boulevard, North Las Vegas, NV; 4) HENDERSON CITY HALL, 200 Water Street, Henderson, NV; 5) BOULDER CITY, CITY HALL, 401 California Avenue, Boulder City, NV; 6) MESQUITE CITY HALL, 10 E. Mesquite Boulevard, Mesquite, NV; 7) SOUTHERN NEVADA HEALTH DISTRICT, 280 S. Decatur Boulevard, Las Vegas, NV; and 8) CLARK COUNTY COMMUNITY RESOURCE CENTER, 55 Civic Way, Laughlin, NV.

This Agenda is also available on the Southern Nevada Health District Internet website at https://www.southernnevadahealthdistrict.org/news-info/public-notices/ and on the Nevada Public Notice website at https://notice.nv.gov. For copies of agenda material, please contact Cherie Custodio at (702) 759-0660.
In addition, handouts will be available at the workshop.

NOTE: Disabled members of the public who require special accommodations or assistance at the meetings are requested to notify Cherie Custodio, Senior Administrative Assistant at the Southern Nevada Health District by calling (702) 759-0660.

From: One Touch Mail Administrator [OTISSVC@snhd.org]
Sent: Tuesday, March 18, 2025 12:54 PM
To: Septics [septics@SNHD.ORG]
Subject: SUCCESS: Your 4 page fax was successfully delivered to 702-346-2908 on 03/18/2025 12:51:13

Success

Your 4 page fax was successfully delivered to 702-346-2908 on 03/18/2025 12:51:13

TargetFax ID:	ORA-S0708154
Fax Number:	3462908
Recipient:	702-346-2908
Remote CSID:	
Date/Time Sent:	03/18/2025 12:51:13
Total Pages:	4
Sent By:	CUSTODIOC
Subject:	BIS Notification and Workshop Agenda for Posting

Note: This is a system generated message. Please do not reply. www.otgt.com

Fax Message:

Good Afternoon,

I hope you are well.

Please post the Business Impact Survey Public Notice and Workshop Agenda for the proposed 2025 Individual Sewage Disposal System (ISDS) and Liquid Waste Management regulations.

Kindly complete and return the Certificate of Posting to septics@snhd.org.

Thank you!

Cherie Custodio
702-759-0600

Attachment: 3 pages
Certificate of Posting
Public Notice
Workshop Agenda

CERTIFICATE OF POSTING

OPEN MEETING NOTICE
NRS 241.020(3)(b)

I certify that I posted the business impact survey notice for the meetings identified below ***more than three working days prior to the meeting*** in accordance with NRS 241.020 (3)(b):

SOUTHERN NEVADA HEALTH DISTRICT
PROPOSED 2025 INDIVIDUAL SEWAGE DISPOSAL SYSTEM AND LIQUID WASTE MANAGEMENT REGULATIONS

Taking place

Tuesday, April 1, 2025, 10:00 a.m.
SNHD Public Health Center
280 South Decatur Blvd, Las Vegas

Virtual and/or in the Red Rock Conference Room

Name of Location: Mesquite City Hall

Address of Location: 10 East Mesquite Boulevard

City, State, ZIP: Mesquite, NV 89027

Date/Time of Posting: _____

Printed Name: _____

Signature: _____

Please return this certificate via EMAIL to:
Southern Nevada Health District
Environmental Health Engineering
septics@snhd.org
Thank you!

PUBLIC NOTICE

NOTICE OF INTENT TO ADOPT CHANGES TO THE REGULATIONS GOVERNING THE INDIVIDUAL SEWAGE DISPOSAL SYSTEM AND LIQUID WASTE MANAGEMENT IS HEREBY GIVEN. The Health District proposes updating these regulations to simplify and clarify existing language, as well as make other needed changes.

The Health District is currently accepting data and arguments regarding the potential impact of the proposed regulatory changes on businesses as provided in NRS 237. As part of this process, the Health District will hold one public WORKSHOP for interested parties to present their views regarding the potential business impact of the proposed 2025 Individual Sewage Disposal System (ISDS) and Liquid Waste Management regulations. The public workshop will be held on Tuesday April 1, 2025, at 10:00 a.m., in-person at the SNHD Public Health Center, 280 South Decatur Boulevard, Las Vegas, in the Red Rock Conference Room.

Virtual attendees can use the following address:
https://teams.microsoft.com/l/meetup-join/19%3ameeting_ZDRjZjY2MDktMjM0OS00NmNlLWE3MmItNjIwODU5YWNhNjEz%40thread.v2/0?context=%7b%22Tid%22%3a%221f318e99-9fb1-41b3-8c10-d0cab0e9f859%22%2c%22Oid%22%3a%2200bc6bae-97d0-4134-8aa0-7f1d650f85ad%22%7d

Copies of the proposed 2025 Public Accommodation Regulations, list of major changes, and other supporting documents are available for review at 280 South Decatur Boulevard and on the SNHD website at SNHD.info/permits-and-regulations/sewage-septic-disposal-systems-isds. Questions may be directed to SNHD's Environmental Health Division at (702) 759-1660 or to septics@snhd.org.

-S-
Chris Saxton, MPH-EH, REHS
Director of Environmental Health

March 16, 2025
Date

PUBLIC WORKSHOP AGENDA
PROPOSED 2025
INDIVIDUAL SEWAGE DISPOSAL SYSTEM AND LIQUID WASTE MANAGEMENT

Southern Nevada Health District Workshop, Virtual and In-Person
Tuesday, April 1, 2025 - 10:00 a.m.

Red Rock Conference Room, 280 S. Decatur Blvd., Las Vegas, NV
or
Virtual-Microsoft Teams
Meeting ID: 268 114 145 366
Passcode: fh2pA9kX

Supporting Documentation available at:
SNHD.info/permits-and-regulations/sewage-septic-disposal-systems-isds

I.	**Introductory Remarks**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor Introduction of SNHD Staff
II.	**Review of Changes by Chapter Document**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor
III.	**Public Comments**	Participants can step up to the speaker's podium; clearly state your name and organization. Spell your last name for the record. Comments will be limited to five (5) minutes per speaker.
IV.	**Summary & Final SNHD Comments**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor
V.	**Adjournment**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor

THIS AGENDA HAS BEEN POSTED IN THE MAIN LOBBY OF THE FOLLOWING LOCATIONS: 1) CLARK COUNTY GOVERNMENT CENTER, 500 S. Grand Central Parkway, Las Vegas, NV; 2) LAS VEGAS CITY HALL, 495 S. Main Street, Las Vegas, NV; 3) NORTH LAS VEGAS CITY HALL, 2250 N. Las Vegas Boulevard, North Las Vegas, NV; 4) HENDERSON CITY HALL, 200 Water Street, Henderson, NV; 5) BOULDER CITY, CITY HALL, 401 California Avenue, Boulder City, NV; 6) MESQUITE CITY HALL, 10 E. Mesquite Boulevard, Mesquite, NV; 7) SOUTHERN NEVADA HEALTH DISTRICT, 280 S. Decatur Boulevard, Las Vegas, NV; and 8) CLARK COUNTY COMMUNITY RESOURCE CENTER, 55 Civic Way, Laughlin, NV.

This Agenda is also available on the Southern Nevada Health District Internet website at https://www.southernnevadahealthdistrict.org/news-info/public-notices/ and on the Nevada Public Notice website at https://notice.nv.gov. For copies of agenda material, please contact Cherie Custodio at (702) 759-0660.
In addition, handouts will be available at the workshop.

NOTE: Disabled members of the public who require special accommodations or assistance at the meetings are requested to notify Cherie Custodio, Senior Administrative Assistant at the Southern Nevada Health District by calling (702) 759-0660.

Las Vegas Review Journal

LAS VEGAS REVIEW-JOURNAL

Publication Name:
Las Vegas Review Journal

Publication URL:
www.reviewjournal.com/

Publication City and State:
Las Vegas, NV

Publication County:
Clark

Notice Popular Keyword Category:

Notice Keywords:
Business Impact Workshop

Notice Authentication Number:
202505301358521267907
410580737

Notice URL:

Back

Notice Publish Date:
Sunday, March 16, 2025

Notice Content

PUBLIC NOTICE NOTICE OF INTENT TO ADOPT CHANGES TO THE REGULATIONS GOVERNING THE INDIVIDUAL SEWAGE DISPOSAL SYSTEM AND LIQUID WASTE MANAGEMENT IS HEREBY GIVEN. The Health District proposes updating these regulations to simplify and clarify existing language, as well as make other needed changes. The Health District is currently accepting data and arguments regarding the potential impact of the proposed regulatory changes on businesses as provided in NRS 237. As part of this process, the Health District will hold one public WORKSHOP for interested parties to present their views regarding the potential business impact of the proposed 2025 Individual Sewage Disposal System (ISDS) and Liquid Waste Management regulations. The public workshop will be held on Tuesday April 1, 2025, at 10:00 a.m., in-person at the SNHD Public Health Center, 280 South Decatur Boulevard, Las Vegas, in the Red Rock Conference Room. Virtual attendees can use the following address: https://teams.microsoft.com/l/meetup-join/19%3ameeting_ZDRjZjY2MDktMjM0OS00NmNlLWE3MmItNjIwODU5YWNhNjEz%40thread.v2/0?context=%7b%22Tid%22%3a%221f318e99-9fb1-41b3-8c10-d0cab0e9f859%22%2c%22Oid%22%3a%2200bc6bae-97d0-4134-8aa0-7f1d650f85ad%22%7d Copies of the proposed 2025 Public Accommodation Regulations, list of major changes, and other supporting documents are available for review at 280 South Decatur Boulevard and on the SNHD website at SNHD.info/permits-and-regulations/sewage-septic-disposal-systems-isds. Questions may be directed to SNHD's Environmental Health Division at (702) 759-1660 or to septics@snhd.org. Date: March, 6, 2025 -s- Christ Saxton MPH-EH, REHS Director of Environmental Health PUB: March 16, 2025 LV Review-Journal

Back

PUBLIC NOTICE

NOTICE IS HEREBY GIVEN that a ***Business Impact Survey*** to make comments on a proposed ***Individual Sewage Disposal System (ISDS) Operating Permit Fee*** is available. This is a follow-up Business Impact Survey to the one done for the proposed Individual Sewage Disposal System and Liquid Waste Management Regulations between March 16, through April 27, 2025. Comments received during this comment period for the proposed ISDS Operating Permit Fee will be used to complete the ***Business Impact Statement (BIS)*** pursuant to Nevada Revised Statute (NRS) 237.080. As part of this process, the Health District will hold one public WORKSHOP for interested parties to present their views regarding the proposed ***ISDS Operating Permit Fee of $226 per 5-year permit cycle.*** The public workshop will be held on Wednesday, July 23, 2025, at 1:00 p.m., in-person at the SNHD Public Health Center, 280 South Decatur Boulevard, Las Vegas, in the Red Rock Conference Room.

Virtual attendees can use the following address:

https://teams.microsoft.com/l/meetup-join/19%3ameeting_ZTAxMmEwYjYtYzYzYi00MTc1LWIzMjItNGQ4YTdmNDY2NzZh%40thread.v2/0?context=%7b%22Tid%22%3a%221f318e99-9fb1-41b3-8c10-d0cab0e9f859%22%2c%22Oid%22%3a%2200bc6bae-97d0-4134-8aa0-7f1d650f85ad%22%7d

Business owners and interested parties may submit data, views, and comments as to whether the proposed ISDS Operating Permit Fee of $226 per 5-year permit cycle will impose a direct and/or significant economic burden upon a business or directly restrict the formation, operation, or expansion of a business. A summary of all comments submitted by July 31, 2025, to Nancy Cadena, Administrative Specialist, Southern Nevada Health District, 280 South Decatur Boulevard, Las Vegas, Nevada 89107, or emailed to cadena@snhd.org will be included in the BIS presented to the Southern Nevada District Board of Health (BOH). All interested persons may appear at the BOH PUBLIC HEARING and submit data, views, or arguments regarding the BIS and proposed ISDS Operating Permit Fee. The BOH will consider fully all written and oral submissions prior to taking action thereon.

A Public Hearing to review and take testimony on the BIS for the proposed ISDS Operating Permit Fee will be held before the BOH on Thursday, August 28, 2025 at 9:00 a.m. in the Red Rock Conference Room at the Southern Nevada Health District (SNHD) Public Health Center located at 280 South Decatur Boulevard, Las Vegas, Nevada and/or virtually at the same date and time, pursuant to NRS 239.090. A Public Hearing to review and approve the proposed ISDS Operating Permit Fee is expected to be held before the BOH on Thursday, October 23, 2025, at 9:00 a.m. in the Red Rock Conference Room at the SNHD Public Health Center located at 280 South Decatur Boulevard, Las Vegas, Nevada and/or virtually at the same date and time.

-S-
Chris Saxton, MPH-EH, REHS
Director of Environmental Health

July 2, 2025
Date

PUBLIC NOTICE

NOTICE IS HEREBY GIVEN that a ***Business Impact Survey*** to make comments on a proposed ***Individual Sewage Disposal System (ISDS) Operating Permit Fee*** is available. This is a follow-up Business Impact Survey to the one done for the proposed Individual Sewage Disposal System and Liquid Waste Management Regulations between March 16, through April 27, 2025. Comments received during this comment period for the proposed ISDS Operating Permit Fee will be used to complete the ***Business Impact Statement (BIS)*** pursuant to Nevada Revised Statute (NRS) 237.080. As part of this process, the Health District will hold one public WORKSHOP for interested parties to present their views regarding the proposed ***ISDS Operating Permit Fee of $226 per 5-year permit cycle.*** The public workshop will be held on Wednesday, July 23, 2025, at 1:00 p.m., in-person at the SNHD Public Health Center, 280 South Decatur Boulevard, Las Vegas, in the Red Rock Conference Room.

Virtual attendees can use the following address:

https://teams.microsoft.com/l/meetup-join/19%3ameeting_ZTAxMmEwYjYtYzYzYi00MTc1LWIzMjItNGQ4YTdmNDY2NzZh%40thread.v2/0?context=%7b%22Tid%22%3a%221f318e99-9fb1-41b3-8c10-d0cab0e9f859%22%2c%22Oid%22%3a%2200bc6bae-97d0-4134-8aa0-7f1d650f85ad%22%7d

Business owners and interested parties may submit data, views, and comments as to whether the proposed ISDS Operating Permit Fee of $226 per 5-year permit cycle will impose a direct and/or significant economic burden upon a business or directly restrict the formation, operation, or expansion of a business. A summary of all comments submitted by July 31, 2025, to Nancy Cadena, Administrative Specialist, Southern Nevada Health District, 280 South Decatur Boulevard, Las Vegas, Nevada 89107, or emailed to cadena@snhd.org will be included in the BIS presented to the Southern Nevada District Board of Health (BOH). All interested persons may appear at the BOH PUBLIC HEARING and submit data, views, or arguments regarding the BIS and proposed ISDS Operating Permit Fee. The BOH will consider fully all written and oral submissions prior to taking action thereon.

A Public Hearing to review and take testimony on the BIS for the proposed ISDS Operating Permit Fee will be held before the BOH on Thursday, August 28, 2025 at 9:00 a.m. in the Red Rock Conference Room at the Southern Nevada Health District (SNHD) Public Health Center located at 280 South Decatur Boulevard, Las Vegas, Nevada and/or virtually at the same date and time, pursuant to NRS 239.090. A Public Hearing to review and approve the proposed ISDS Operating Permit Fee is expected to be held before the BOH on Thursday, October 23, 2025, at 9:00 a.m. in the Red Rock Conference Room at the SNHD Public Health Center located at 280 South Decatur Boulevard, Las Vegas, Nevada and/or virtually at the same date and time.

Chris Saxton, MPH-EH, REHS
Director of Environmental Health

July 2, 2025
Date

From: Bridgette Rodriguez [Brodriguez@bcnv.org]
Sent: Tuesday, July 8, 2025 11:24 AM
To: Septics [septics@SNHD.ORG]
Subject: RE: Certificate of Posting - 2nd Business Impact Survey on the Proposed Fee for Individual Sewage Disposal System
Attachments: 3768_001.pdf

Good morning,

Attached is the affidavit of posting.

Thank you,

Bridgette Rodriguez, CMC
Deputy City Clerk
City Clerk's Office
401 California Ave.
Boulder City, NV 89005
O: 702.293.9208
www.bcnv.org



From: Septics <septics@SNHD.ORG>
Sent: Tuesday, July 8, 2025 10:58 AM
To: Bridgette Rodriguez Brodriguez@bcnv.org
Subject: Certificate of Posting - 2nd Business Impact Survey on the Proposed Fee for Individual Sewage Disposal System

CAUTION: This email originated from outside the Boulder City, NV network. Please note the sender and maintain caution when opening external links/attachments.

Good Morning,

I hope you are well.

Please post the 2nd Business Impact Survey Public Notice and Workshop Agenda for the Proposed Fee for Individual Sewage Disposal System.

Kindly complete and return the Certificate of Posting to septics@snhd.org.

Thank you!

Best,

Cherie

Cherie Custodio
Sr Administrative Assistant
Southern Nevada Health District
Environmental Health
Address: 280 S. Decatur Blvd., Las Vegas, NV 89107
Office: 702-759-0660
septics@snhd.org

In Office: Tuesdays and Thursdays 0600-1630
Remote: Mondays and Wednesdays 0600-1630
Off: Fridays

To receive invoices and updated account information, click this link https://www.southernnevadahealthdistrict.org/permits-and-regulations/environmental-health-online-invoice/.

Attachments: 3 pages
Certificate of Posting
Public Notice
Workshop Agenda

CERTIFICATE OF POSTING

OPEN MEETING NOTICE
NRS 241.020(3)(b)

I certify that I posted the business impact survey notice for the meetings identified below ***more than three working days prior to the meeting*** in accordance with NRS 241.020 (3)(b):

SOUTHERN NEVADA HEALTH DISTRICT
PROPOSED FEE FOR
INDIVIDUAL SEWAGE DISPOSAL SYSTEM OPERATING PERMIT

Taking place

Wednesday, July 23, 2025, 1:00 p.m.
SNHD Public Health Center
280 South Decatur Blvd, Las Vegas

Virtual and/or in the Red Rock Conference Room

Name of Location: Boulder City, City Hall

Address of Location: 401 California Avenue

City, State, ZIP: Boulder City, NV 89005

Date/Time of Posting: 7/8/2025 @ 11:18am

Printed Name: Bridgette Rodriguez

Signature: B. Rodriguez

Please return this certificate via EMAIL to:
Southern Nevada Health District
Environmental Health Engineering
septics@snhd.org
Thank you!

From: Septics [septics@SNHD.ORG]
Sent: Tuesday, July 8, 2025 10:58 AM
To: Bridgette Rodriguez [Brodriguez@bcnv.org]
BCC: Daniel Isler [isler@SNHD.ORG]; Daniel Burns [burnsd@SNHD.ORG]
Subject: Certificate of Posting - 2nd Business Impact Survey on the Proposed Fee for Individual Sewage Disposal System
Attachments: 2nd BIS Workshop Agenda.pdf; 2nd BIS Public Notice.pdf; 2nd BIS Cert of Posting BC.pdf

Good Morning,

I hope you are well.

Please post the 2nd Business Impact Survey Public Notice and Workshop Agenda for the Proposed Fee for Individual Sewage Disposal System.

Kindly complete and return the Certificate of Posting to septics@snhd.org.

Thank you!

Best,

Cherie

Cherie Custodio
Sr Administrative Assistant
Southern Nevada Health District
Environmental Health
Address: 280 S. Decatur Blvd., Las Vegas, NV 89107
Office: 702-759-0660
septics@snhd.org

In Office: Tuesdays and Thursdays 0600-1630
Remote: Mondays and Wednesdays 0600-1630
Off: Fridays

To receive invoices and updated account information, click this link https://www.southernnevadahealthdistrict.org/permits-and-regulations/environmental-health-online-invoice/.

Attachments: 3 pages
Certificate of Posting
Public Notice
Workshop Agenda

PUBLIC WORKSHOP AGENDA
PROPOSED FEE FOR
INDIVIDUAL SEWAGE DISPOSAL SYSTEM
OPERATING PERMIT

Southern Nevada Health District Workshop, Virtual and In-Person
Wednesday, July 23, 2025 - 1:00 p.m.

Red Rock Conference Room, 280 S. Decatur Blvd., Las Vegas, NV
or
Virtual-Microsoft Teams
Meeting ID: 236 568 866 797 3
Passcode: oH2yt6iZ

Supporting Documentation available at:
SNHD.info/permits-and-regulations/sewage-septic-disposal-systems-isds

I.	**Introductory Remarks**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor Introduction of SNHD Staff
II.	**Review of Fee**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor
III.	**Public Comments**	Participants can step up to the speaker's podium; clearly state your name and organization. Spell your last name for the record. Comments will be limited to five (5) minutes per speaker.
IV.	**Summary & Final SNHD Comments**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor
V.	**Adjournment**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor

THIS AGENDA HAS BEEN POSTED IN THE MAIN LOBBY OF THE FOLLOWING LOCATIONS: 1) CLARK COUNTY GOVERNMENT CENTER, 500 S. Grand Central Parkway, Las Vegas, NV; 2) LAS VEGAS CITY HALL, 495 S. Main Street, Las Vegas, NV; 3) NORTH LAS VEGAS CITY HALL, 2250 N. Las Vegas Boulevard, North Las Vegas, NV; 4) HENDERSON CITY HALL, 200 Water Street, Henderson, NV; 5) BOULDER CITY, CITY HALL, 401 California Avenue, Boulder City, NV; 6) MESQUITE CITY HALL, 10 E. Mesquite Boulevard, Mesquite, NV; 7) SOUTHERN NEVADA HEALTH DISTRICT, 280 S. Decatur Boulevard, Las Vegas, NV; and 8) CLARK COUNTY COMMUNITY RESOURCE CENTER, 55 Civic Way, Laughlin, NV.

This Agenda is also available on the Southern Nevada Health District Internet website at https://www.southernnevadahealthdistrict.org/news-info/public-notices/ and on the Nevada Public Notice website at https://notice.nv.gov. For copies of agenda material, please contact Cherie Custodio at (702) 759-0660.
In addition, handouts will be available at the workshop.

NOTE: Disabled members of the public who require special accommodations or assistance at the meetings are requested to notify Cherie Custodio, Senior Administrative Assistant at the Southern Nevada Health District by calling (702) 759-0660.

PUBLIC NOTICE

NOTICE IS HEREBY GIVEN that a ***Business Impact Survey*** to make comments on a proposed ***Individual Sewage Disposal System (ISDS) Operating Permit Fee*** is available. This is a follow-up Business Impact Survey to the one done for the proposed Individual Sewage Disposal System and Liquid Waste Management Regulations between March 16, through April 27, 2025. Comments received during this comment period for the proposed ISDS Operating Permit Fee will be used to complete the ***Business Impact Statement (BIS)*** pursuant to Nevada Revised Statute (NRS) 237.080. As part of this process, the Health District will hold one public WORKSHOP for interested parties to present their views regarding the proposed ***ISDS Operating Permit Fee of $226 per 5-year permit cycle.*** The public workshop will be held on Wednesday, July 23, 2025, at 1:00 p.m., in-person at the SNHD Public Health Center, 280 South Decatur Boulevard, Las Vegas, in the Red Rock Conference Room.

Virtual attendees can use the following address:

https://teams.microsoft.com/l/meetup-join/19%3ameeting_ZTAxMmEwYjYtYzYzYi00MTc1LWIzMjItNGQ4YTdmNDY2NzZh%40thread.v2/0?context=%7b%22Tid%22%3a%221f318e99-9fb1-41b3-8c10-d0cab0e9f859%22%2c%22Oid%22%3a%2200bc6bae-97d0-4134-8aa0-7f1d650f85ad%22%7d

Business owners and interested parties may submit data, views, and comments as to whether the proposed ISDS Operating Permit Fee of $226 per 5-year permit cycle will impose a direct and/or significant economic burden upon a business or directly restrict the formation, operation, or expansion of a business. A summary of all comments submitted by July 31, 2025, to Nancy Cadena, Administrative Specialist, Southern Nevada Health District, 280 South Decatur Boulevard, Las Vegas, Nevada 89107, or emailed to cadena@snhd.org will be included in the BIS presented to the Southern Nevada District Board of Health (BOH). All interested persons may appear at the BOH PUBLIC HEARING and submit data, views, or arguments regarding the BIS and proposed ISDS Operating Permit Fee. The BOH will consider fully all written and oral submissions prior to taking action thereon.

A Public Hearing to review and take testimony on the BIS for the proposed ISDS Operating Permit Fee will be held before the BOH on Thursday, August 28, 2025 at 9:00 a.m. in the Red Rock Conference Room at the Southern Nevada Health District (SNHD) Public Health Center located at 280 South Decatur Boulevard, Las Vegas, Nevada and/or virtually at the same date and time, pursuant to NRS 239.090. A Public Hearing to review and approve the proposed ISDS Operating Permit Fee is expected to be held before the BOH on Thursday, October 23, 2025, at 9:00 a.m. in the Red Rock Conference Room at the SNHD Public Health Center located at 280 South Decatur Boulevard, Las Vegas, Nevada and/or virtually at the same date and time.

-S-
Chris Saxton, MPH-EH, REHS
Director of Environmental Health

July 2, 2025
Date

CERTIFICATE OF POSTING

OPEN MEETING NOTICE
NRS 241.020(3)(b)

I certify that I posted the business impact survey notice for the meetings identified below ***more than three working days prior to the meeting*** in accordance with NRS 241.020 (3)(b):

SOUTHERN NEVADA HEALTH DISTRICT
PROPOSED FEE FOR
INDIVIDUAL SEWAGE DISPOSAL SYSTEM OPERATING PERMIT

Taking place

Wednesday, July 23, 2025, 1:00 p.m.
SNHD Public Health Center
280 South Decatur Blvd, Las Vegas

Virtual and/or in the Red Rock Conference Room

Name of Location: Boulder City, City Hall

Address of Location: 401 California Avenue

City, State, ZIP: Boulder City, NV 89005

Date/Time of Posting: _____

Printed Name: _____

Signature: _____

Please return this certificate via EMAIL to:
Southern Nevada Health District
Environmental Health Engineering
septics@snhd.org
Thank you!

From: Administrative Services [Administrative.Services@ClarkCountyNV.gov]
Sent: Tuesday, July 8, 2025 2:26 PM
To: Septics [septics@SNHD.ORG]
Subject: RE: 2nd Business Impact Survey - Proposed Fee for Individual Sewage Disposal System
Attachments: SFI4525070814160.pdf

Hi Cherie,

Attached is the certificate of posting.

Regards,
Marcie Whelan
Office Services Manager, Clark County Administrative Services
702-455-3528

service integrity respect accountability excellence leadership

---

From: Septics <septics@SNHD.ORG>
Sent: Tuesday, July 8, 2025 10:53 AM
To: Administrative Services <Administrative.Services@ClarkCountyNV.gov>
Subject: 2nd Business Impact Survey - Proposed Fee for Individual Sewage Disposal System

Good Morning,

I hope you are well.

Please post the 2nd Business Impact Survey Public Notice and Workshop Agenda for the Proposed Fee for Individual Sewage Disposal System.

Kindly complete and return the Certificate of Posting to septics@snhd.org.

Thank you!

Best,

Cherie

Cherie Custodio
Sr Administrative Assistant
Southern Nevada Health District
Environmental Health
Address: 280 S. Decatur Blvd., Las Vegas, NV 89107
Office: 702-759-0660
septics@snhd.org

In Office: Tuesdays and Thursdays 0600-1630
Remote: Mondays and Wednesdays 0600-1630

Off: Fridays

To receive invoices and updated account information, click this link https://www.southernnevadahealthdistrict.org/permits-and-regulations/environmental-health-online-invoice/.

Attachments: 3 pages
Certificate of Posting
Public Notice
Workshop Agenda

CERTIFICATE OF POSTING

OPEN MEETING NOTICE
NRS 241.020(3)(b)

I certify that I posted the business impact survey notice for the meetings identified below ***more than three working days prior to the meeting*** in accordance with NRS 241.020 (3)(b):

SOUTHERN NEVADA HEALTH DISTRICT
PROPOSED FEE FOR
INDIVIDUAL SEWAGE DISPOSAL SYSTEM OPERATING PERMIT

Taking place

Wednesday, July 23, 2025, 1:00 p.m.
SNHD Public Health Center
280 South Decatur Blvd, Las Vegas

Virtual and/or in the Red Rock Conference Room

Name of Location: Clark County Government Center

Address of Location: 500 South Grand Central Parkway

City, State, ZIP: Las Vegas, NV 89155

Date/Time of Posting: 8 July 2025 / 2:15 pm

Printed Name: Marcie Whelan

Signature: Marcie Whelan

Please return this certificate via EMAIL to:
Southern Nevada Health District
Environmental Health Engineering
septics@snhd.org
Thank you!

From: Septics [septics@SNHD.ORG]
Sent: Tuesday, July 8, 2025 10:53 AM
To: 'administrative.services@clarkcountynv.gov' [administrative.services@clarkcountynv.gov]
BCC: Daniel Isler [isler@SNHD.ORG]; Daniel Burns [burnsd@SNHD.ORG]
Subject: 2nd Business Impact Survey - Proposed Fee for Individual Sewage Disposal System
Attachments: 2nd BIS Workshop Agenda.pdf; 2nd BIS Public Notice.pdf; 2nd BIS Cert of Posting CC.pdf

Good Morning,

I hope you are well.

Please post the 2nd Business Impact Survey Public Notice and Workshop Agenda for the Proposed Fee for Individual Sewage Disposal System.

Kindly complete and return the Certificate of Posting to septics@snhd.org.

Thank you!

Best,

Cherie

Cherie Custodio
Sr Administrative Assistant
Southern Nevada Health District
Environmental Health
Address: 280 S. Decatur Blvd., Las Vegas, NV 89107
Office: 702-759-0660
septics@snhd.org

In Office: Tuesdays and Thursdays 0600-1630
Remote: Mondays and Wednesdays 0600-1630
Off: Fridays

To receive invoices and updated account information, click this link https://www.southernnevadahealthdistrict.org/permits-and-regulations/environmental-health-online-invoice/.

Attachments: 3 pages
Certificate of Posting
Public Notice
Workshop Agenda

PUBLIC WORKSHOP AGENDA
PROPOSED FEE FOR
INDIVIDUAL SEWAGE DISPOSAL SYSTEM
OPERATING PERMIT

Southern Nevada Health District Workshop, Virtual and In-Person
Wednesday, July 23, 2025 - 1:00 p.m.

Red Rock Conference Room, 280 S. Decatur Blvd., Las Vegas, NV
or
Virtual-Microsoft Teams
Meeting ID: 236 568 866 797 3
Passcode: oH2yt6iZ

Supporting Documentation available at:
SNHD.info/permits-and-regulations/sewage-septic-disposal-systems-isds

I.	**Introductory Remarks**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor Introduction of SNHD Staff
II.	**Review of Fee**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor
III.	**Public Comments**	Participants can step up to the speaker's podium; clearly state your name and organization. Spell your last name for the record. Comments will be limited to five (5) minutes per speaker.
IV.	**Summary & Final SNHD Comments**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor
V.	**Adjournment**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor

THIS AGENDA HAS BEEN POSTED IN THE MAIN LOBBY OF THE FOLLOWING LOCATIONS: 1) CLARK COUNTY GOVERNMENT CENTER, 500 S. Grand Central Parkway, Las Vegas, NV; 2) LAS VEGAS CITY HALL, 495 S. Main Street, Las Vegas, NV; 3) NORTH LAS VEGAS CITY HALL, 2250 N. Las Vegas Boulevard, North Las Vegas, NV; 4) HENDERSON CITY HALL, 200 Water Street, Henderson, NV; 5) BOULDER CITY, CITY HALL, 401 California Avenue, Boulder City, NV; 6) MESQUITE CITY HALL, 10 E. Mesquite Boulevard, Mesquite, NV; 7) SOUTHERN NEVADA HEALTH DISTRICT, 280 S. Decatur Boulevard, Las Vegas, NV; and 8) CLARK COUNTY COMMUNITY RESOURCE CENTER, 55 Civic Way, Laughlin, NV.

This Agenda is also available on the Southern Nevada Health District Internet website at https://www.southernnevadahealthdistrict.org/news-info/public-notices/ and on the Nevada Public Notice website at https://notice.nv.gov. For copies of agenda material, please contact Cherie Custodio at (702) 759-0660.
In addition, handouts will be available at the workshop.

NOTE: Disabled members of the public who require special accommodations or assistance at the meetings are requested to notify Cherie Custodio, Senior Administrative Assistant at the Southern Nevada Health District by calling (702) 759-0660.

PUBLIC NOTICE

NOTICE IS HEREBY GIVEN that a ***Business Impact Survey*** to make comments on a proposed ***Individual Sewage Disposal System (ISDS) Operating Permit Fee*** is available. This is a follow-up Business Impact Survey to the one done for the proposed Individual Sewage Disposal System and Liquid Waste Management Regulations between March 16, through April 27, 2025. Comments received during this comment period for the proposed ISDS Operating Permit Fee will be used to complete the ***Business Impact Statement (BIS)*** pursuant to Nevada Revised Statute (NRS) 237.080. As part of this process, the Health District will hold one public WORKSHOP for interested parties to present their views regarding the proposed ***ISDS Operating Permit Fee of $226 per 5-year permit cycle.*** The public workshop will be held on Wednesday, July 23, 2025, at 1:00 p.m., in-person at the SNHD Public Health Center, 280 South Decatur Boulevard, Las Vegas, in the Red Rock Conference Room.

Virtual attendees can use the following address:

https://teams.microsoft.com/l/meetup-join/19%3ameeting_ZTAxMmEwYjYtYzYzYi00MTc1LWIzMjItNGQ4YTdmNDY2NzZh%40thread.v2/0?context=%7b%22Tid%22%3a%221f318e99-9fb1-41b3-8c10-d0cab0e9f859%22%2c%22Oid%22%3a%2200bc6bae-97d0-4134-8aa0-7f1d650f85ad%22%7d

Business owners and interested parties may submit data, views, and comments as to whether the proposed ISDS Operating Permit Fee of $226 per 5-year permit cycle will impose a direct and/or significant economic burden upon a business or directly restrict the formation, operation, or expansion of a business. A summary of all comments submitted by July 31, 2025, to Nancy Cadena, Administrative Specialist, Southern Nevada Health District, 280 South Decatur Boulevard, Las Vegas, Nevada 89107, or emailed to cadena@snhd.org will be included in the BIS presented to the Southern Nevada District Board of Health (BOH). All interested persons may appear at the BOH PUBLIC HEARING and submit data, views, or arguments regarding the BIS and proposed ISDS Operating Permit Fee. The BOH will consider fully all written and oral submissions prior to taking action thereon.

A Public Hearing to review and take testimony on the BIS for the proposed ISDS Operating Permit Fee will be held before the BOH on Thursday, August 28, 2025 at 9:00 a.m. in the Red Rock Conference Room at the Southern Nevada Health District (SNHD) Public Health Center located at 280 South Decatur Boulevard, Las Vegas, Nevada and/or virtually at the same date and time, pursuant to NRS 239.090. A Public Hearing to review and approve the proposed ISDS Operating Permit Fee is expected to be held before the BOH on Thursday, October 23, 2025, at 9:00 a.m. in the Red Rock Conference Room at the SNHD Public Health Center located at 280 South Decatur Boulevard, Las Vegas, Nevada and/or virtually at the same date and time.

-S-
Chris Saxton, MPH-EH, REHS
Director of Environmental Health

July 2, 2025
Date

CERTIFICATE OF POSTING

OPEN MEETING NOTICE
NRS 241.020(3)(b)

I certify that I posted the business impact survey notice for the meetings identified below ***more than three working days prior to the meeting*** in accordance with NRS 241.020 (3)(b):

SOUTHERN NEVADA HEALTH DISTRICT
PROPOSED FEE FOR
INDIVIDUAL SEWAGE DISPOSAL SYSTEM OPERATING PERMIT

Taking place

Wednesday, July 23, 2025, 1:00 p.m.
SNHD Public Health Center
280 South Decatur Blvd, Las Vegas

Virtual and/or in the Red Rock Conference Room

Name of Location: Clark County Government Center

Address of Location: 500 South Grand Central Parkway

City, State, ZIP: Las Vegas, NV 89155

Date/Time of Posting: _____

Printed Name: _____

Signature: _____

Please return this certificate via EMAIL to:
Southern Nevada Health District
Environmental Health Engineering
septics@snhd.org
Thank you!

From: Sara Mays [smays@LasVegasNevada.GOV]
Sent: Tuesday, July 8, 2025 11:01 AM
To: Septics [septics@SNHD.ORG]; Posting [posting@LasVegasNevada.GOV]
Subject: RE: Certificate of Posting - 2nd Business Impact Survey on the Proposed Fee for Individual Sewage Disposal System
Attachments: 403367PRT_20250708_102213.pdf

Posted.

From: Septics <septics@SNHD.ORG>
Sent: Tuesday, July 8, 2025 10:56 AM
To: Posting <posting@LasVegasNevada.GOV>
Subject: Certificate of Posting - 2nd Business Impact Survey on the Proposed Fee for Individual Sewage Disposal System

CAUTION: This email originated from an **External Source**. Please **use caution** before opening attachments, clicking links, or responding to this email. **Do not sign-in with your City of Las Vegas account credentials.**

Good Morning,

I hope you are well.

Please post the 2nd Business Impact Survey Public Notice and Workshop Agenda for the Proposed Fee for Individual Sewage Disposal System.

Kindly complete and return the Certificate of Posting to septics@snhd.org.

Thank you!

Best,

Cherie

Cherie Custodio
Sr Administrative Assistant
Southern Nevada Health District
Environmental Health
Address: 280 S. Decatur Blvd., Las Vegas, NV 89107
Office: 702-759-0660
septics@snhd.org

In Office: Tuesdays and Thursdays 0600-1630
Remote: Mondays and Wednesdays 0600-1630
Off: Fridays

To receive invoices and updated account information, click this link https://www.southernnevadahealthdistrict.org/permits-and-regulations/environmental-health-online-invoice/.

Attachments: 3 pages
Certificate of Posting
Public Notice
Workshop Agenda

Southern Nevada Health District

CERTIFICATE OF POSTING

OPEN MEETING NOTICE
NRS 241.020(3)(b)

I certify that I posted the business impact survey notice for the meetings identified below ***more than three working days prior to the meeting*** in accordance with NRS 241.020 (3)(b):

SOUTHERN NEVADA HEALTH DISTRICT
PROPOSED FEE FOR
INDIVIDUAL SEWAGE DISPOSAL SYSTEM OPERATING PERMIT

Taking place

Wednesday, July 23, 2025, 1:00 p.m.
SNHD Public Health Center
280 South Decatur Blvd, Las Vegas

Virtual and/or in the Red Rock Conference Room

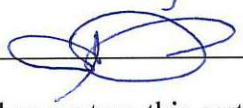
Name of Location: Las Vegas City Hall

Address of Location: 495 South Main Street

City, State, ZIP: Las Vegas, NV 89101

Date/Time of Posting: 7/8/25 11 am

Printed Name: Sara Mays

Signature: 

Please return this certificate via EMAIL to:
Southern Nevada Health District
Environmental Health Engineering
septics@snhd.org
Thank you!

From: Septics [septics@SNHD.ORG]
Sent: Tuesday, July 8, 2025 10:56 AM
To: Posting [posting@lasvegasnevada.gov]
BCC: Daniel Isler [isler@SNHD.ORG]; Daniel Burns [burnsd@SNHD.ORG]
Subject: Certificate of Posting - 2nd Business Impact Survey on the Proposed Fee for Individual Sewage Disposal System
Attachments: 2nd BIS Cert of Posting CLV.pdf; 2nd BIS Workshop Agenda.pdf; 2nd BIS Public Notice.pdf

Good Morning,

I hope you are well.

Please post the 2nd Business Impact Survey Public Notice and Workshop Agenda for the Proposed Fee for Individual Sewage Disposal System.

Kindly complete and return the Certificate of Posting to septics@snhd.org.

Thank you!

Best,

Cherie

Cherie Custodio
Sr Administrative Assistant
Southern Nevada Health District
Environmental Health
Address: 280 S. Decatur Blvd., Las Vegas, NV 89107
Office: 702-759-0660
septics@snhd.org

In Office: Tuesdays and Thursdays 0600-1630
Remote: Mondays and Wednesdays 0600-1630
Off: Fridays

To receive invoices and updated account information, click this link https://www.southernnevadahealthdistrict.org/permits-and-regulations/environmental-health-online-invoice/.

Attachments: 3 pages
Certificate of Posting
Public Notice
Workshop Agenda

CERTIFICATE OF POSTING

OPEN MEETING NOTICE
NRS 241.020(3)(b)

I certify that I posted the business impact survey notice for the meetings identified below ***more than three working days prior to the meeting*** in accordance with NRS 241.020 (3)(b):

SOUTHERN NEVADA HEALTH DISTRICT
PROPOSED FEE FOR
INDIVIDUAL SEWAGE DISPOSAL SYSTEM OPERATING PERMIT

Taking place

Wednesday, July 23, 2025, 1:00 p.m.
SNHD Public Health Center
280 South Decatur Blvd, Las Vegas

Virtual and/or in the Red Rock Conference Room

Name of Location: Las Vegas City Hall

Address of Location: 495 South Main Street

City, State, ZIP: Las Vegas, NV 89101

Date/Time of Posting: _____

Printed Name: _____

Signature: _____

Please return this certificate via EMAIL to:
Southern Nevada Health District
Environmental Health Engineering
septics@snhd.org
Thank you!

PUBLIC WORKSHOP AGENDA
PROPOSED FEE FOR
INDIVIDUAL SEWAGE DISPOSAL SYSTEM
OPERATING PERMIT

Southern Nevada Health District Workshop, Virtual and In-Person
Wednesday, July 23, 2025 - 1:00 p.m.

Red Rock Conference Room, 280 S. Decatur Blvd., Las Vegas, NV
or
Virtual-Microsoft Teams
Meeting ID: 236 568 866 797 3
Passcode: oH2yt6iZ

Supporting Documentation available at:
SNHD.info/permits-and-regulations/sewage-septic-disposal-systems-isds

I.	**Introductory Remarks**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor Introduction of SNHD Staff
II.	**Review of Fee**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor
III.	**Public Comments**	Participants can step up to the speaker's podium; clearly state your name and organization. Spell your last name for the record. Comments will be limited to five (5) minutes per speaker.
IV.	**Summary & Final SNHD Comments**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor
V.	**Adjournment**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor

THIS AGENDA HAS BEEN POSTED IN THE MAIN LOBBY OF THE FOLLOWING LOCATIONS: 1) CLARK COUNTY GOVERNMENT CENTER, 500 S. Grand Central Parkway, Las Vegas, NV; 2) LAS VEGAS CITY HALL, 495 S. Main Street, Las Vegas, NV; 3) NORTH LAS VEGAS CITY HALL, 2250 N. Las Vegas Boulevard, North Las Vegas, NV; 4) HENDERSON CITY HALL, 200 Water Street, Henderson, NV; 5) BOULDER CITY, CITY HALL, 401 California Avenue, Boulder City, NV; 6) MESQUITE CITY HALL, 10 E. Mesquite Boulevard, Mesquite, NV; 7) SOUTHERN NEVADA HEALTH DISTRICT, 280 S. Decatur Boulevard, Las Vegas, NV; and 8) CLARK COUNTY COMMUNITY RESOURCE CENTER, 55 Civic Way, Laughlin, NV.

This Agenda is also available on the Southern Nevada Health District Internet website at https://www.southernnevadahealthdistrict.org/news-info/public-notices/ and on the Nevada Public Notice website at https://notice.nv.gov. For copies of agenda material, please contact Cherie Custodio at (702) 759-0660.
In addition, handouts will be available at the workshop.

NOTE: Disabled members of the public who require special accommodations or assistance at the meetings are requested to notify Cherie Custodio, Senior Administrative Assistant at the Southern Nevada Health District by calling (702) 759-0660.

PUBLIC NOTICE

NOTICE IS HEREBY GIVEN that a ***Business Impact Survey*** to make comments on a proposed ***Individual Sewage Disposal System (ISDS) Operating Permit Fee*** is available. This is a follow-up Business Impact Survey to the one done for the proposed Individual Sewage Disposal System and Liquid Waste Management Regulations between March 16, through April 27, 2025. Comments received during this comment period for the proposed ISDS Operating Permit Fee will be used to complete the ***Business Impact Statement (BIS)*** pursuant to Nevada Revised Statute (NRS) 237.080. As part of this process, the Health District will hold one public WORKSHOP for interested parties to present their views regarding the proposed ***ISDS Operating Permit Fee of $226 per 5-year permit cycle.*** The public workshop will be held on Wednesday, July 23, 2025, at 1:00 p.m., in-person at the SNHD Public Health Center, 280 South Decatur Boulevard, Las Vegas, in the Red Rock Conference Room.

Virtual attendees can use the following address:

https://teams.microsoft.com/l/meetup-join/19%3ameeting_ZTAxMmEwYjYtYzYzYi00MTc1LWIzMjItNGQ4YTdmNDY2NzZh%40thread.v2/0?context=%7b%22Tid%22%3a%221f318e99-9fb1-41b3-8c10-d0cab0e9f859%22%2c%22Oid%22%3a%2200bc6bae-97d0-4134-8aa0-7f1d650f85ad%22%7d

Business owners and interested parties may submit data, views, and comments as to whether the proposed ISDS Operating Permit Fee of $226 per 5-year permit cycle will impose a direct and/or significant economic burden upon a business or directly restrict the formation, operation, or expansion of a business. A summary of all comments submitted by July 31, 2025, to Nancy Cadena, Administrative Specialist, Southern Nevada Health District, 280 South Decatur Boulevard, Las Vegas, Nevada 89107, or emailed to cadena@snhd.org will be included in the BIS presented to the Southern Nevada District Board of Health (BOH). All interested persons may appear at the BOH PUBLIC HEARING and submit data, views, or arguments regarding the BIS and proposed ISDS Operating Permit Fee. The BOH will consider fully all written and oral submissions prior to taking action thereon.

A Public Hearing to review and take testimony on the BIS for the proposed ISDS Operating Permit Fee will be held before the BOH on Thursday, August 28, 2025 at 9:00 a.m. in the Red Rock Conference Room at the Southern Nevada Health District (SNHD) Public Health Center located at 280 South Decatur Boulevard, Las Vegas, Nevada and/or virtually at the same date and time, pursuant to NRS 239.090. A Public Hearing to review and approve the proposed ISDS Operating Permit Fee is expected to be held before the BOH on Thursday, October 23, 2025, at 9:00 a.m. in the Red Rock Conference Room at the SNHD Public Health Center located at 280 South Decatur Boulevard, Las Vegas, Nevada and/or virtually at the same date and time.

-S-
Chris Saxton, MPH-EH, REHS
Director of Environmental Health

July 2, 2025
Date

From: Isabel Rodriguez [rodriguezi@cityofnorthlasvegas.com]
Sent: Tuesday, July 8, 2025 11:28 AM
To: Septics [septics@SNHD.ORG]
Subject: Re: Certificate of Posting - 2nd Business Impact Survey on the Proposed Fee for Individual Sewage Disposal System
Attachments: Certificate of Posting - July 23, 2025.pdf

Hello,

Please see attached.

Thank you,

Isabel Rodriguez | City Clerk's Office| 702-633-3918
Deputy City Clerk
2250 Las Vegas Blvd N, Suite 800
North Las Vegas, NV 89030
Email: Rodriguezi@cityofnorthlasvegas.com

On Tue, Jul 8, 2025 at 11:03 AM Septics <septics@snhd.org> wrote:

> Good Morning,
>
> I hope you are well.
>
> Please post the 2nd Business Impact Survey Public Notice and Workshop Agenda for
>
> the Proposed Fee for Individual Sewage Disposal System.
>
> Kindly complete and return the Certificate of Posting to septics@snhd.org.

Thank you!

Best,

Cherie

Cherie Custodio
Sr Administrative Assistant
Southern Nevada Health District

Environmental Health
Address: 280 S. Decatur Blvd., Las Vegas, NV 89107
Office: 702-759-0660

septics@snhd.org
In Office: Tuesdays and Thursdays 0600-1630

Remote: Mondays and Wednesdays 0600-1630

Off: Fridays

To receive invoices and updated account information, click this link https://www.southernnevadahealthdistrict.org/permits-and-regulations/environmental-health-online-invoice/.

Attachments: 3 pages

Certificate of Posting

Public Notice

Workshop Agenda

CERTIFICATE OF POSTING

OPEN MEETING NOTICE
NRS 241.020(3)(b)

I certify that I posted the business impact survey notice for the meetings identified below ***more than three working days prior to the meeting*** in accordance with NRS 241.020 (3)(b):

SOUTHERN NEVADA HEALTH DISTRICT
PROPOSED FEE FOR
INDIVIDUAL SEWAGE DISPOSAL SYSTEM OPERATING PERMIT

Taking place

Wednesday, July 23, 2025, 1:00 p.m.
SNHD Public Health Center
280 South Decatur Blvd, Las Vegas

Virtual and/or in the Red Rock Conference Room

Name of Location: North Las Vegas City Hall

Address of Location: 2250 North Las Vegas Boulevard

City, State, ZIP: North Las Vegas, NV 89030

Date/Time of Posting: 7/8/2025 11:20 am

Printed Name: Isabel Rodriguez

Signature: Isabel Rodriguez

Please return this certificate via EMAIL to:
Southern Nevada Health District
Environmental Health Engineering
septics@snhd.org
Thank you!

From: Septics [septics@SNHD.ORG]
Sent: Tuesday, July 8, 2025 11:00 AM
To: Isabel Rodriguez [rodriguezi@cityofnorthlasvegas.com]
BCC: Daniel Isler [isler@SNHD.ORG]; Daniel Burns [burnsd@SNHD.ORG]
Subject: Certificate of Posting - 2nd Business Impact Survey on the Proposed Fee for Individual Sewage Disposal System
Attachments: 2nd BIS Workshop Agenda.pdf; 2nd BIS Public Notice.pdf; 2nd BIS Cert of Posting CNLV.pdf

Good Morning,

I hope you are well.

Please post the 2nd Business Impact Survey Public Notice and Workshop Agenda for the Proposed Fee for Individual Sewage Disposal System.

Kindly complete and return the Certificate of Posting to septics@snhd.org.

Thank you!

Best,

Cherie

Cherie Custodio
Sr Administrative Assistant
Southern Nevada Health District
Environmental Health
Address: 280 S. Decatur Blvd., Las Vegas, NV 89107
Office: 702-759-0660
septics@snhd.org

In Office: Tuesdays and Thursdays 0600-1630
Remote: Mondays and Wednesdays 0600-1630
Off: Fridays

To receive invoices and updated account information, click this link https://www.southernnevadahealthdistrict.org/permits-and-regulations/environmental-health-online-invoice/.

Attachments: 3 pages
Certificate of Posting
Public Notice
Workshop Agenda

PUBLIC WORKSHOP AGENDA
PROPOSED FEE FOR
INDIVIDUAL SEWAGE DISPOSAL SYSTEM
OPERATING PERMIT

Southern Nevada Health District Workshop, Virtual and In-Person
Wednesday, July 23, 2025 - 1:00 p.m.

Red Rock Conference Room, 280 S. Decatur Blvd., Las Vegas, NV
or
Virtual-Microsoft Teams
Meeting ID: 236 568 866 797 3
Passcode: oH2yt6iZ

Supporting Documentation available at:
SNHD.info/permits-and-regulations/sewage-septic-disposal-systems-isds

I.	**Introductory Remarks**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor Introduction of SNHD Staff
II.	**Review of Fee**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor
III.	**Public Comments**	Participants can step up to the speaker's podium; clearly state your name and organization. Spell your last name for the record. Comments will be limited to five (5) minutes per speaker.
IV.	**Summary & Final SNHD Comments**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor
V.	**Adjournment**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor

THIS AGENDA HAS BEEN POSTED IN THE MAIN LOBBY OF THE FOLLOWING LOCATIONS: 1) CLARK COUNTY GOVERNMENT CENTER, 500 S. Grand Central Parkway, Las Vegas, NV; 2) LAS VEGAS CITY HALL, 495 S. Main Street, Las Vegas, NV; 3) NORTH LAS VEGAS CITY HALL, 2250 N. Las Vegas Boulevard, North Las Vegas, NV; 4) HENDERSON CITY HALL, 200 Water Street, Henderson, NV; 5) BOULDER CITY, CITY HALL, 401 California Avenue, Boulder City, NV; 6) MESQUITE CITY HALL, 10 E. Mesquite Boulevard, Mesquite, NV; 7) SOUTHERN NEVADA HEALTH DISTRICT, 280 S. Decatur Boulevard, Las Vegas, NV; and 8) CLARK COUNTY COMMUNITY RESOURCE CENTER, 55 Civic Way, Laughlin, NV.

This Agenda is also available on the Southern Nevada Health District Internet website at https://www.southernnevadahealthdistrict.org/news-info/public-notices/ and on the Nevada Public Notice website at https://notice.nv.gov. For copies of agenda material, please contact Cherie Custodio at (702) 759-0660.
In addition, handouts will be available at the workshop.

NOTE: Disabled members of the public who require special accommodations or assistance at the meetings are requested to notify Cherie Custodio, Senior Administrative Assistant at the Southern Nevada Health District by calling (702) 759-0660.

PUBLIC NOTICE

NOTICE IS HEREBY GIVEN that a ***Business Impact Survey*** to make comments on a proposed ***Individual Sewage Disposal System (ISDS) Operating Permit Fee*** is available. This is a follow-up Business Impact Survey to the one done for the proposed Individual Sewage Disposal System and Liquid Waste Management Regulations between March 16, through April 27, 2025. Comments received during this comment period for the proposed ISDS Operating Permit Fee will be used to complete the ***Business Impact Statement (BIS)*** pursuant to Nevada Revised Statute (NRS) 237.080. As part of this process, the Health District will hold one public WORKSHOP for interested parties to present their views regarding the proposed ***ISDS Operating Permit Fee of $226 per 5-year permit cycle.*** The public workshop will be held on Wednesday, July 23, 2025, at 1:00 p.m., in-person at the SNHD Public Health Center, 280 South Decatur Boulevard, Las Vegas, in the Red Rock Conference Room.

Virtual attendees can use the following address:

https://teams.microsoft.com/l/meetup-join/19%3ameeting_ZTAxMmEwYjYtYzYzYi00MTc1LWIzMjItNGQ4YTdmNDY2NzZh%40thread.v2/0?context=%7b%22Tid%22%3a%221f318e99-9fb1-41b3-8c10-d0cab0e9f859%22%2c%22Oid%22%3a%2200bc6bae-97d0-4134-8aa0-7f1d650f85ad%22%7d

Business owners and interested parties may submit data, views, and comments as to whether the proposed ISDS Operating Permit Fee of $226 per 5-year permit cycle will impose a direct and/or significant economic burden upon a business or directly restrict the formation, operation, or expansion of a business. A summary of all comments submitted by July 31, 2025, to Nancy Cadena, Administrative Specialist, Southern Nevada Health District, 280 South Decatur Boulevard, Las Vegas, Nevada 89107, or emailed to cadena@snhd.org will be included in the BIS presented to the Southern Nevada District Board of Health (BOH). All interested persons may appear at the BOH PUBLIC HEARING and submit data, views, or arguments regarding the BIS and proposed ISDS Operating Permit Fee. The BOH will consider fully all written and oral submissions prior to taking action thereon.

A Public Hearing to review and take testimony on the BIS for the proposed ISDS Operating Permit Fee will be held before the BOH on Thursday, August 28, 2025 at 9:00 a.m. in the Red Rock Conference Room at the Southern Nevada Health District (SNHD) Public Health Center located at 280 South Decatur Boulevard, Las Vegas, Nevada and/or virtually at the same date and time, pursuant to NRS 239.090. A Public Hearing to review and approve the proposed ISDS Operating Permit Fee is expected to be held before the BOH on Thursday, October 23, 2025, at 9:00 a.m. in the Red Rock Conference Room at the SNHD Public Health Center located at 280 South Decatur Boulevard, Las Vegas, Nevada and/or virtually at the same date and time.

-S-
Chris Saxton, MPH-EH, REHS
Director of Environmental Health

July 2, 2025
Date

CERTIFICATE OF POSTING

OPEN MEETING NOTICE
NRS 241.020(3)(b)

I certify that I posted the business impact survey notice for the meetings identified below ***more than three working days prior to the meeting*** in accordance with NRS 241.020 (3)(b):

SOUTHERN NEVADA HEALTH DISTRICT
PROPOSED FEE FOR
INDIVIDUAL SEWAGE DISPOSAL SYSTEM OPERATING PERMIT

Taking place

Wednesday, July 23, 2025, 1:00 p.m.
SNHD Public Health Center
280 South Decatur Blvd, Las Vegas

Virtual and/or in the Red Rock Conference Room

Name of Location: North Las Vegas City Hall

Address of Location: 2250 North Las Vegas Boulevard

City, State, ZIP: North Las Vegas, NV 89030

Date/Time of Posting: _____

Printed Name: _____

Signature: _____

Please return this certificate via EMAIL to:
Southern Nevada Health District
Environmental Health Engineering
septics@snhd.org
Thank you!

From: Cynthia Smith [Cynthia.Smith@cityofhenderson.com]
Sent: Tuesday, July 8, 2025 2:00 PM
To: Septics [septics@SNHD.ORG]
Subject: Certificate of Posting for City of Henderson
Attachments: Cert of Posting 7.8.25.pdf

Hello,

Please see attached certificate of posting.

Kindly,

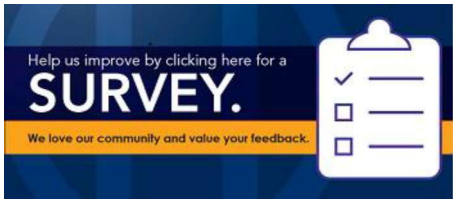
Cyndy Smith
Administrative Assistant I

HENDERSON

City of Henderson
Office of the City Clerk
240 S. Water St, MSC 114
Henderson, NV 89015

T 702-267-1465 I 702-267-1400
E cynthia.smith@cityofhenderson.com





PUBLIC RECORDS NOTICE: In accordance with NRS Chapter 239, this email and responses, unless otherwise made confidential by law, may be subject to the Nevada Public Records laws and may be disclosed to the public upon request.

Southern Nevada Health District

CERTIFICATE OF POSTING

OPEN MEETING NOTICE
NRS 241.020(3)(b)

I certify that I posted the business impact survey notice for the meetings identified below ***more than three working days prior to the meeting*** in accordance with NRS 241.020 (3)(b):

SOUTHERN NEVADA HEALTH DISTRICT
PROPOSED FEE FOR
INDIVIDUAL SEWAGE DISPOSAL SYSTEM OPERATING PERMIT

Taking place

Wednesday, July 23, 2025, 1:00 p.m.
SNHD Public Health Center
280 South Decatur Blvd, Las Vegas

Virtual and/or in the Red Rock Conference Room

Name of Location: Henderson City Hall

Address of Location: 240 Water Street

City, State, ZIP: Henderson, NV 89015-7227

Date/Time of Posting: 7/8/25, 1:38pm

Printed Name: Cynthia Smith Administrative Assistant

Signature: [signature]

Please return this certificate via EMAIL to:
Southern Nevada Health District
Environmental Health Engineering
septics@snhd.org
Thank you!

From: Septics [septics@SNHD.ORG]
Sent: Tuesday, July 8, 2025 11:02 AM
To: Cynthia Smith [Cynthia.Smith@cityofhenderson.com]
BCC: Daniel Isler [isler@SNHD.ORG]; Daniel Burns [burnsd@SNHD.ORG]
Subject: Certificate of Posting - 2nd Business Impact Survey on the Proposed Fee for Individual Sewage Disposal System
Attachments: 2nd BIS Cert of Posting COH.pdf; 2nd BIS Workshop Agenda.pdf; 2nd BIS Public Notice.pdf

Good Morning,

I hope you are well.

Please post the 2nd Business Impact Survey Public Notice and Workshop Agenda for the Proposed Fee for Individual Sewage Disposal System.

Kindly complete and return the Certificate of Posting to septics@snhd.org.

Thank you!

Best,

Cherie

Cherie Custodio
Sr Administrative Assistant
Southern Nevada Health District
Environmental Health
Address: 280 S. Decatur Blvd., Las Vegas, NV 89107
Office: 702-759-0660
septics@snhd.org

In Office: Tuesdays and Thursdays 0600-1630
Remote: Mondays and Wednesdays 0600-1630
Off: Fridays

To receive invoices and updated account information, click this link https://www.southernnevadahealthdistrict.org/permits-and-regulations/environmental-health-online-invoice/.

Attachments: 3 pages
Certificate of Posting
Public Notice
Workshop Agenda

CERTIFICATE OF POSTING

OPEN MEETING NOTICE
NRS 241.020(3)(b)

I certify that I posted the business impact survey notice for the meetings identified below ***more than three working days prior to the meeting*** in accordance with NRS 241.020 (3)(b):

SOUTHERN NEVADA HEALTH DISTRICT
PROPOSED FEE FOR
INDIVIDUAL SEWAGE DISPOSAL SYSTEM OPERATING PERMIT

Taking place

Wednesday, July 23, 2025, 1:00 p.m.
SNHD Public Health Center
280 South Decatur Blvd, Las Vegas

Virtual and/or in the Red Rock Conference Room

Name of Location: Henderson City Hall

Address of Location: 240 Water Street

City, State, ZIP: Henderson, NV 89015-7227

Date/Time of Posting: _____

Printed Name: _____

Signature: _____

Please return this certificate via EMAIL to:
Southern Nevada Health District
Environmental Health Engineering
septics@snhd.org
Thank you!

PUBLIC WORKSHOP AGENDA
PROPOSED FEE FOR
INDIVIDUAL SEWAGE DISPOSAL SYSTEM
OPERATING PERMIT

Southern Nevada Health District Workshop, Virtual and In-Person
Wednesday, July 23, 2025 - 1:00 p.m.

Red Rock Conference Room, 280 S. Decatur Blvd., Las Vegas, NV
or
Virtual-Microsoft Teams
Meeting ID: 236 568 866 797 3
Passcode: oH2yt6iZ

Supporting Documentation available at:
SNHD.info/permits-and-regulations/sewage-septic-disposal-systems-isds

I.	**Introductory Remarks**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor Introduction of SNHD Staff
II.	**Review of Fee**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor
III.	**Public Comments**	Participants can step up to the speaker's podium; clearly state your name and organization. Spell your last name for the record. Comments will be limited to five (5) minutes per speaker.
IV.	**Summary & Final SNHD Comments**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor
V.	**Adjournment**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor

THIS AGENDA HAS BEEN POSTED IN THE MAIN LOBBY OF THE FOLLOWING LOCATIONS: 1) CLARK COUNTY GOVERNMENT CENTER, 500 S. Grand Central Parkway, Las Vegas, NV; 2) LAS VEGAS CITY HALL, 495 S. Main Street, Las Vegas, NV; 3) NORTH LAS VEGAS CITY HALL, 2250 N. Las Vegas Boulevard, North Las Vegas, NV; 4) HENDERSON CITY HALL, 200 Water Street, Henderson, NV; 5) BOULDER CITY, CITY HALL, 401 California Avenue, Boulder City, NV; 6) MESQUITE CITY HALL, 10 E. Mesquite Boulevard, Mesquite, NV; 7) SOUTHERN NEVADA HEALTH DISTRICT, 280 S. Decatur Boulevard, Las Vegas, NV; and 8) CLARK COUNTY COMMUNITY RESOURCE CENTER, 55 Civic Way, Laughlin, NV.

This Agenda is also available on the Southern Nevada Health District Internet website at https://www.southernnevadahealthdistrict.org/news-info/public-notices/ and on the Nevada Public Notice website at https://notice.nv.gov. For copies of agenda material, please contact Cherie Custodio at (702) 759-0660.
In addition, handouts will be available at the workshop.

NOTE: Disabled members of the public who require special accommodations or assistance at the meetings are requested to notify Cherie Custodio, Senior Administrative Assistant at the Southern Nevada Health District by calling (702) 759-0660.

PUBLIC NOTICE

NOTICE IS HEREBY GIVEN that a ***Business Impact Survey*** to make comments on a proposed ***Individual Sewage Disposal System (ISDS) Operating Permit Fee*** is available. This is a follow-up Business Impact Survey to the one done for the proposed Individual Sewage Disposal System and Liquid Waste Management Regulations between March 16, through April 27, 2025. Comments received during this comment period for the proposed ISDS Operating Permit Fee will be used to complete the ***Business Impact Statement (BIS)*** pursuant to Nevada Revised Statute (NRS) 237.080. As part of this process, the Health District will hold one public WORKSHOP for interested parties to present their views regarding the proposed ***ISDS Operating Permit Fee of $226 per 5-year permit cycle.*** The public workshop will be held on Wednesday, July 23, 2025, at 1:00 p.m., in-person at the SNHD Public Health Center, 280 South Decatur Boulevard, Las Vegas, in the Red Rock Conference Room.

Virtual attendees can use the following address:

https://teams.microsoft.com/l/meetup-join/19%3ameeting_ZTAxMmEwYjYtYzYzYi00MTc1LWIzMjItNGQ4YTdmNDY2NzZh%40thread.v2/0?context=%7b%22Tid%22%3a%221f318e99-9fb1-41b3-8c10-d0cab0e9f859%22%2c%22Oid%22%3a%2200bc6bae-97d0-4134-8aa0-7f1d650f85ad%22%7d

Business owners and interested parties may submit data, views, and comments as to whether the proposed ISDS Operating Permit Fee of $226 per 5-year permit cycle will impose a direct and/or significant economic burden upon a business or directly restrict the formation, operation, or expansion of a business. A summary of all comments submitted by July 31, 2025, to Nancy Cadena, Administrative Specialist, Southern Nevada Health District, 280 South Decatur Boulevard, Las Vegas, Nevada 89107, or emailed to cadena@snhd.org will be included in the BIS presented to the Southern Nevada District Board of Health (BOH). All interested persons may appear at the BOH PUBLIC HEARING and submit data, views, or arguments regarding the BIS and proposed ISDS Operating Permit Fee. The BOH will consider fully all written and oral submissions prior to taking action thereon.

A Public Hearing to review and take testimony on the BIS for the proposed ISDS Operating Permit Fee will be held before the BOH on Thursday, August 28, 2025 at 9:00 a.m. in the Red Rock Conference Room at the Southern Nevada Health District (SNHD) Public Health Center located at 280 South Decatur Boulevard, Las Vegas, Nevada and/or virtually at the same date and time, pursuant to NRS 239.090. A Public Hearing to review and approve the proposed ISDS Operating Permit Fee is expected to be held before the BOH on Thursday, October 23, 2025, at 9:00 a.m. in the Red Rock Conference Room at the SNHD Public Health Center located at 280 South Decatur Boulevard, Las Vegas, Nevada and/or virtually at the same date and time.

-S-
Chris Saxton, MPH-EH, REHS
Director of Environmental Health

July 2, 2025
Date

From: Septics [septics@SNHD.ORG]
Sent: Tuesday, July 8, 2025 11:03 AM
To: Tina Gish [gish@SNHD.ORG]
BCC: Daniel Isler [isler@SNHD.ORG]; Daniel Burns [burnsd@SNHD.ORG]
Subject: Certificate of Posting - 2nd Business Impact Survey on the Proposed Fee for Individual Sewage Disposal System
Attachments: 2nd BIS Cert of Posting Laughlin.pdf; 2nd BIS Public Notice.pdf; 2nd BIS Workshop Agenda.pdf

Good Morning,

I hope you are well.

Please post the 2nd Business Impact Survey Public Notice and Workshop Agenda for the Proposed Fee for Individual Sewage Disposal System.

Kindly complete and return the Certificate of Posting to septics@snhd.org.

Thank you!

Best,

Cherie

Cherie Custodio
Sr Administrative Assistant
Southern Nevada Health District
Environmental Health
Address: 280 S. Decatur Blvd., Las Vegas, NV 89107
Office: 702-759-0660
septics@snhd.org

In Office: Tuesdays and Thursdays 0600-1630
Remote: Mondays and Wednesdays 0600-1630
Off: Fridays

To receive invoices and updated account information, click this link https://www.southernnevadahealthdistrict.org/permits-and-regulations/environmental-health-online-invoice/.

Attachments: 3 pages
Certificate of Posting
Public Notice
Workshop Agenda

CERTIFICATE OF POSTING

OPEN MEETING NOTICE
NRS 241.020(3)(b)

I certify that I posted the business impact survey notice for the meetings identified below ***more than three working days prior to the meeting*** in accordance with NRS 241.020 (3)(b):

SOUTHERN NEVADA HEALTH DISTRICT
PROPOSED FEE FOR
INDIVIDUAL SEWAGE DISPOSAL SYSTEM OPERATING PERMIT

Taking place

Wednesday, July 23, 2025, 1:00 p.m.
SNHD Public Health Center
280 South Decatur Blvd, Las Vegas

Virtual and/or in the Red Rock Conference Room

Name of Location: Laughlin Clark County Community Resource Center

Address of Location: 55 Civic Way

City, State, ZIP: Laughlin, NV 89029

Date/Time of Posting: _____

Printed Name: _____

Signature: _____

Please return this certificate via EMAIL to:
Southern Nevada Health District
Environmental Health Engineering
septics@snhd.org
Thank you!

PUBLIC NOTICE

NOTICE IS HEREBY GIVEN that a ***Business Impact Survey*** to make comments on a proposed ***Individual Sewage Disposal System (ISDS) Operating Permit Fee*** is available. This is a follow-up Business Impact Survey to the one done for the proposed Individual Sewage Disposal System and Liquid Waste Management Regulations between March 16, through April 27, 2025. Comments received during this comment period for the proposed ISDS Operating Permit Fee will be used to complete the ***Business Impact Statement (BIS)*** pursuant to Nevada Revised Statute (NRS) 237.080. As part of this process, the Health District will hold one public WORKSHOP for interested parties to present their views regarding the proposed ***ISDS Operating Permit Fee of $226 per 5-year permit cycle.*** The public workshop will be held on Wednesday, July 23, 2025, at 1:00 p.m., in-person at the SNHD Public Health Center, 280 South Decatur Boulevard, Las Vegas, in the Red Rock Conference Room.

Virtual attendees can use the following address:

https://teams.microsoft.com/l/meetup-join/19%3ameeting_ZTAxMmEwYjYtYzYzYi00MTc1LWIzMjItNGQ4YTdmNDY2NzZh%40thread.v2/0?context=%7b%22Tid%22%3a%221f318e99-9fb1-41b3-8c10-d0cab0e9f859%22%2c%22Oid%22%3a%2200bc6bae-97d0-4134-8aa0-7f1d650f85ad%22%7d

Business owners and interested parties may submit data, views, and comments as to whether the proposed ISDS Operating Permit Fee of $226 per 5-year permit cycle will impose a direct and/or significant economic burden upon a business or directly restrict the formation, operation, or expansion of a business. A summary of all comments submitted by July 31, 2025, to Nancy Cadena, Administrative Specialist, Southern Nevada Health District, 280 South Decatur Boulevard, Las Vegas, Nevada 89107, or emailed to cadena@snhd.org will be included in the BIS presented to the Southern Nevada District Board of Health (BOH). All interested persons may appear at the BOH PUBLIC HEARING and submit data, views, or arguments regarding the BIS and proposed ISDS Operating Permit Fee. The BOH will consider fully all written and oral submissions prior to taking action thereon.

A Public Hearing to review and take testimony on the BIS for the proposed ISDS Operating Permit Fee will be held before the BOH on Thursday, August 28, 2025 at 9:00 a.m. in the Red Rock Conference Room at the Southern Nevada Health District (SNHD) Public Health Center located at 280 South Decatur Boulevard, Las Vegas, Nevada and/or virtually at the same date and time, pursuant to NRS 239.090. A Public Hearing to review and approve the proposed ISDS Operating Permit Fee is expected to be held before the BOH on Thursday, October 23, 2025, at 9:00 a.m. in the Red Rock Conference Room at the SNHD Public Health Center located at 280 South Decatur Boulevard, Las Vegas, Nevada and/or virtually at the same date and time.

-S-
Chris Saxton, MPH-EH, REHS
Director of Environmental Health

July 2, 2025
Date

PUBLIC WORKSHOP AGENDA
PROPOSED FEE FOR
INDIVIDUAL SEWAGE DISPOSAL SYSTEM
OPERATING PERMIT

Southern Nevada Health District Workshop, Virtual and In-Person
Wednesday, July 23, 2025 - 1:00 p.m.

Red Rock Conference Room, 280 S. Decatur Blvd., Las Vegas, NV
or
Virtual-Microsoft Teams
Meeting ID: 236 568 866 797 3
Passcode: oH2yt6iZ

Supporting Documentation available at:
SNHD.info/permits-and-regulations/sewage-septic-disposal-systems-isds

I.	**Introductory Remarks**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor Introduction of SNHD Staff
II.	**Review of Fee**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor
III.	**Public Comments**	Participants can step up to the speaker's podium; clearly state your name and organization. Spell your last name for the record. Comments will be limited to five (5) minutes per speaker.
IV.	**Summary & Final SNHD Comments**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor
V.	**Adjournment**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor

THIS AGENDA HAS BEEN POSTED IN THE MAIN LOBBY OF THE FOLLOWING LOCATIONS: 1) CLARK COUNTY GOVERNMENT CENTER, 500 S. Grand Central Parkway, Las Vegas, NV; 2) LAS VEGAS CITY HALL, 495 S. Main Street, Las Vegas, NV; 3) NORTH LAS VEGAS CITY HALL, 2250 N. Las Vegas Boulevard, North Las Vegas, NV; 4) HENDERSON CITY HALL, 200 Water Street, Henderson, NV; 5) BOULDER CITY, CITY HALL, 401 California Avenue, Boulder City, NV; 6) MESQUITE CITY HALL, 10 E. Mesquite Boulevard, Mesquite, NV; 7) SOUTHERN NEVADA HEALTH DISTRICT, 280 S. Decatur Boulevard, Las Vegas, NV; and 8) CLARK COUNTY COMMUNITY RESOURCE CENTER, 55 Civic Way, Laughlin, NV.

This Agenda is also available on the Southern Nevada Health District Internet website at https://www.southernnevadahealthdistrict.org/news-info/public-notices/ and on the Nevada Public Notice website at https://notice.nv.gov. For copies of agenda material, please contact Cherie Custodio at (702) 759-0660.
In addition, handouts will be available at the workshop.

NOTE: Disabled members of the public who require special accommodations or assistance at the meetings are requested to notify Cherie Custodio, Senior Administrative Assistant at the Southern Nevada Health District by calling (702) 759-0660.

CERTIFICATE OF POSTING

OPEN MEETING NOTICE
NRS 241.020(3)(b)

I certify that I posted the business impact survey notice for the meetings identified below ***more than three working days prior to the meeting*** in accordance with NRS 241.020 (3)(b):

SOUTHERN NEVADA HEALTH DISTRICT
PROPOSED FEE FOR
INDIVIDUAL SEWAGE DISPOSAL SYSTEM OPERATING PERMIT

Taking place

Wednesday, July 23, 2025, 1:00 p.m.
SNHD Public Health Center
280 South Decatur Blvd, Las Vegas

Virtual and/or in the Red Rock Conference Room

Name of Location: Mesquite City Hall

Address of Location: 10 East Mesquite Boulevard

City, State, ZIP: Mesquite, NV 89027

Date/Time of Posting: _____

Printed Name: _____

Signature: _____

Please return this certificate via EMAIL to:
Southern Nevada Health District
Environmental Health Engineering
septics@snhd.org
Thank you!

Attachment D

Proposed Regulations BIS Workshops Agendas, Attendees List and Minutes

PUBLIC WORKSHOP AGENDA
PROPOSED 2025
INDIVIDUAL SEWAGE DISPOSAL SYSTEM AND LIQUID WASTE MANAGEMENT

Southern Nevada Health District Workshop, Virtual and In-Person
Tuesday, April 1, 2025 - 10:00 a.m.

Red Rock Conference Room, 280 S. Decatur Blvd., Las Vegas, NV
or
Virtual-Microsoft Teams
Meeting ID: 268 114 145 366
Passcode: fh2pA9kX

Supporting Documentation available at:
SNHD.info/permits-and-regulations/sewage-septic-disposal-systems-isds

I.	**Introductory Remarks**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor Introduction of SNHD Staff
II.	**Review of Changes by Chapter Document**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor
III.	**Public Comments**	Participants can step up to the speaker's podium; clearly state your name and organization. Spell your last name for the record. Comments will be limited to five (5) minutes per speaker.
IV.	**Summary & Final SNHD Comments**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor
V.	**Adjournment**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor

THIS AGENDA HAS BEEN POSTED IN THE MAIN LOBBY OF THE FOLLOWING LOCATIONS: 1) CLARK COUNTY GOVERNMENT CENTER, 500 S. Grand Central Parkway, Las Vegas, NV; 2) LAS VEGAS CITY HALL, 495 S. Main Street, Las Vegas, NV; 3) NORTH LAS VEGAS CITY HALL, 2250 N. Las Vegas Boulevard, North Las Vegas, NV; 4) HENDERSON CITY HALL, 200 Water Street, Henderson, NV; 5) BOULDER CITY, CITY HALL, 401 California Avenue, Boulder City, NV; 6) MESQUITE CITY HALL, 10 E. Mesquite Boulevard, Mesquite, NV; 7) SOUTHERN NEVADA HEALTH DISTRICT, 280 S. Decatur Boulevard, Las Vegas, NV; and 8) CLARK COUNTY COMMUNITY RESOURCE CENTER, 55 Civic Way, Laughlin, NV.

This Agenda is also available on the Southern Nevada Health District Internet website at https://www.southernnevadahealthdistrict.org/news-info/public-notices/ and on the Nevada Public Notice website at https://notice.nv.gov. For copies of agenda material, please contact Cherie Custodio at (702) 759-0660.
In addition, handouts will be available at the workshop.

NOTE: Disabled members of the public who require special accommodations or assistance at the meetings are requested to notify Cherie Custodio, Senior Administrative Assistant at the Southern Nevada Health District by calling (702) 759-0660.

MEETING	2025 Proposed Individual Septic Disposal Systems and Liquid Waste Management Regulations	DATE	April 1, 2025
FACILITATOR	Dan Isler	TIME	10:00 a.m.
LOCATION	Red Rock Conference Room		

SNHD Southern Nevada Health District

NO.	NAME & ADDRESS (PLEASE PRINT)	PROGRAM/AGENCY/ AFFILIATION	EMAIL	PHONE	SIGNATURE
1.	BURNS, Daniel	SNHD/EH	burnsd@snhd.org	702-759-0684	
2.	CADENA, Nancy	SNHD/EH	cadena@snhd.org	702-759-1158	
3.	CORDIAL, Arcmiguel	SNHD/EH	cordial@snhd.org	702-759-0959	
4.	CUSTODIO, Cherie	SNHD/EH	custodioc@snhd.org	702-759-1838	
5.	DeWOLFF, John	SNHD/EH	dewolff@snhd.org	702-759-0969	
6.	GEORGE, Sarah	SNHD/EH	george@snhd.org	702-759-0629	
7.	ISLER, Dan	SNHD/EH	isler@snhd.org	702-759-0564	
8.	LAT, Dann	SNHD/EH	lat@snhd.org	702-759-0607	
9.	OMAN, Gabriela	SNHD/EH	oman@snhd.org	702-759-0729	
10.	SAXTON, Chris	SNHD/EH	saxton@snhd.org	702-759-1693	
11.					
12.					
13.					
14.					

SNHD Staff

MEETING	2025 Proposed Individual Sewage Disposal System and Liquid Waste Management Regulations	DATE	April 1, 2025
FACILITATOR	Dan Isler	TIME	10:00 a.m.
LOCATION	Red Rock Conference Room		

Southern Nevada Health District

NO.	NAME & ADDRESS (PLEASE PRINT)	PROGRAM/AGENCY/ AFFILIATION	EMAIL	PHONE	SIGNATURE
	Steven Buskevicius 1667 Cherokee Ln.	Buskevicius Consulting Engrs	SVBLUGUN@Embarqmail.com	702-203-9523	Steven V Buskevicius
	DALE MARTIN 4085 N. CHIEFTAIN	HARDIN + SONS INC.	hardin.sons@gmail.com	702-379-9156	Dale Martin
	Gloria Buchalski 4301 Valley View 89103	MCA Property Mgmt	gloriasmail66@gmail.com	702-903-2665	Gloria Buchalski
	KRITH BRINKLY 7495 W. AZURE AVE 101	BALOVA RY	CORRA KRITHBRINKLY@GMAIL	702 420 9	
	MICHAEL PHILLIPS 5857 E. FLAMINGO	CCWRD	mhphillips@cleanwaterteam.com	702-686-8075	
	ANGEL VARGAS 4096 BLUE DIAMOND		CABRAV.AOL.COM	7022508089	

MEETING	2025 Proposed Individual Sewage Disposal System and Liquid Waste Management Regulations	DATE	April 1, 2025
FACILITATOR	Dan Isler	TIME	10:00 a.m.
LOCATION	Red Rock Conference Room		

Southern Nevada Health District

NO.	NAME & ADDRESS (PLEASE PRINT)	PROGRAM/AGENCY/ AFFILIATION	EMAIL	PHONE	SIGNATURE
	MIKE HELBSKI LV CHURCH OF NAZARENE		MHELBSKI@ISEE.ORG	702 528 1350	
	Petya Balova	Balova Eng.	petya@balova engineering.com	702 6821706	
	~~Cody Frechette~~	~~CCWRD~~			
	Cody Frechette	CCWRD	cfrechette@cleanwaterteam.com	702-668-8247	

PROPOSED 2025
INDIVIDUAL SEWAGE DISPOSAL SYSTEM AND LIQUID WASTE MANAGEMENT BUSINESS IMPACT SURVEY PUBLIC WORKSHOP MINUTES

Red Rock Conference Room, 280 S. Decatur Blvd., Las Vegas, NV
Tuesday, April 1, 2025 - 10:00 a.m.

I. Introductory Remarks

Dan Burns opened the workshop at 10:00 a.m. by introducing himself as the Environmental Health Engineering Manager. Mr. Burns reminded all attendees this workshop, which is scheduled for one hour, is for the Business Impact Survey, not comments on the regulations - which will come later in this process. He turned the workshop over to Dan Isler, Environmental Health Engineer Supervisor, who will be conducting the workshop.

Mr. Isler introduced himself and opened the workshop scheduled until 11:00 a.m. Mr. Isler asked all attendees to please turn off or silence their cell phones. Since this is a public workshop, it is required that we record all the proceedings and enter all the comments that we receive during this workshop into the record.

Mr. Isler welcomed all attendees. The purpose of this public workshop is to present an overview of the proposed 2025 Individual Sewage Disposal and Liquid Waste Management Regulations and to collect public comments only related to the business impacts of the proposed regulations. Public comments on other aspects of the proposed regulations will be accepted later during the public comment process when we will hold additional workshops.

Copies of the Agenda and Public Notice which are printed front and back on the same page are available at the table near the entrance as well as on our website at southernnevadahealthdistrict.org/news-info/public-notices/. In-person attendees were advised to sign-in on the sign-in sheet if they have not done so already. In the event of an emergency, please follow directions provided by SNHD Security.

Mr. Isler then introduced other Southern Nevada Health District staff starting from his left: Dann Lat, EH Engineer; Arcmiguel Cordial, EH Engineer; John DeWolff, EH Engineer; Sarah George, EH Engineer; Gabriela Oman, EH Specialist who does the inspections for ISDS and LWH.

Mr. Isler drew the attendees' attention to the Power Point presentation.

II. Summary of Major Changes and Business Impact Survey

Mr. Isler then moved to review the Major Changes by Chapter relevant to the workshop. Attendees will then be able to express their opinions during the following public comment period.

Mr. Isler clarified the deadline for the Business Impact Survey is April 27, 2025, instead of the original deadline of April 13, 2025, due to an earlier detection of the survey's broken link.

Full draft of proposed regulations and a document listing major changes in each chapter is available at www.snhd.info/permits-and-regulations/sewage-septic-disposal-systems-isds/.

There are 12 chapters in the proposed regulations. Mr. Isler advised the following chapters will be skipped as there are no major changes for said chapters: Chapter 1 – General Provisions and Chapter 9 – Decommissioning ISDS.

Mr. Isler started to discuss the changes:

Chapter 2 – ISDS Permits

- Construction Permits now require a third-party site evaluation, nitrogen evaluation, and water quality tests (if the water supply is a private well). Third party evaluations can be accomplished by subsurface evaluation. For example, we are currently accepting soils report prepared for the Building Department. It will now be specifically written in the regulations as a requirement.
- Operating Permits will be issued for 5-year intervals instead of the lifetime of the system.
    - Renewal of Operating Permit includes review by SNHD and requires payment of fee.
    - Renewal can be denied if the property is directly adjacent to an accessible sewer line.
- Tenant Improvements are renamed Permit Modifications to avoid confusion with how the Building Department and commercial contractors refer to them.
    - More clearly defines the circumstances for which permit modifications are required.
    - Expands the evaluation of quasi-municipal (permitted) wells to include verifying compliance with the Safe Drinking Water Act in addition to the existing practice of verifying compliance with Nevada Division of Water Resources limitations on water use.
- New Property Transfer Requirements are probably the biggest change in the entire regulations.
    - Property owner must notify SNHD of intent to sell property.
    - Inspection report must be provided to SNHD and buyer (some exceptions)
        - Inspection must be by SNHD or a third-party inspector approved by SNHD.

        - Inspection must meet specific criteria, which is similar to the current Loan Certification program.
    - Private wells must conduct a domestic water panel test.

Chapter 3 – Holding Tank Permits

- Requirements were revised to more closely match holding tank regulations in NAC 445A.
- Clarifying language regarding use of hauled water at sites without potable water infrastructure.

Chapter 4 – Site Evaluation which is now part of the construction permit requirements.

- All applications for new ISDS must include an evaluation of surface characteristics (i.e., slope, drainage, etc.) and subsurface characteristics (i.e., soil type, impermeable layers, etc.) This is essentially what is found in the soils report as prepared for the Building Department for the building construction. The surface and subsurface evaluation must be conducted near where the septic system will be installed, the Building Department soils report will be accepted to meet this requirement.
- Newly recorded parcels will need to be a minimum of 0.5 acres (up from 0.25 acres) when served by a public water system or NDWR-approved well (existing properties are grandfathered).

Chapter 5 – ISDS Design and Construction Requirements

- Replaces detailed design requirements for septic tanks and leach fields with references to third-party standards, which increases flexibility for SNHD.
- Requires pretreatment devices for food establishments, laundry service, and auto washing facilities and references SNHD food establishment regulations and Uniform Plumbing Code.
- All new or repaired septic tanks must have access risers that extend to the surface, which is a fairly common practice although not universally done.
- Removes references to “default” percolation rate (15minutes/inch) and “deep” soil absorption systems as these concepts are contrary to best practices.

Chapters 6 and 7 are skipped for now as they have fewer changes.

Chapter 8 – Nitrogen Removal Systems

- Defines how SNHD determines whether a property requires a nitrogen removal system (density of ISDS) and defines the ISDS density that triggers the nitrogen removal requirement.
- Includes a process for changing the ISDS density trigger or changing to a non-density-based method of evaluation.

- Changes the current effluent concentration-based standard (10ml/liter), which is unrealistically low, to a percent reduction-based standard which is how NSF standard evaluates these systems.
- Eliminates the required annual inspection and associated fee.

Chapter 11 – Waivers and Variances

- Provides administrative waiver procedures and allows for deviation from prescriptive requirements if sufficient justification is provided, which will allow SNHD staff to exercise some amount of discretion without needing to bring a variance before the Board of Health.
- Provides for variances as a means of appealing waiver decisions.

Chapter 12 – Enforcement and Penalties

- Describes specific enforcement actions that SNHD can take and under what circumstances.
- Provides for Hearing Officer review of permit revocations, denials, and suspensions, and allows the Director of Environmental Health to review other enforcement actions.

Chapter 6 – Division and Use of Land

- Codifies the existing practice of reviewing parcel maps and land use applications.
- Restricts the practice of filing multiple parcel maps to avoid more stringent subdivision requirements.

Chapter 7 – Product and Technology Review is an entirely new process.

- Codifies the product review process and requirements:
    - What types of products must be reviewed?
    - What are the application requirements?
    - What criteria does SNHD use to evaluate the product?

Chapter 10 – Liquid Waste Haulers

- Records of each pickup and disposal must be maintained and available for review by SNHD if requested.

III. Public Comments

Mr. Isler announced that comments will be limited to three minutes per person depending on how many people we have on Teams or phone. Depending on how many people would like to comment, comments may be increased to 5 minutes. Mr. Isler reiterated comments will be limited to the business impacts of the proposed regulations and not on the regulations in general. Written comments can be submitted to Cherie or to septics@snhd.org. The business survey form may be completed as well.

In-person attendees who wish to make comments were instructed to step-up to the microphone to clearly state their name and business with their comment. Please spell your last name. Comments must be made into the microphone, or they may not be audible.

There were no attendees on the phone or via Teams.

Seeing there was no one in person, on the phone or Teams, the public comment period is closed.

IV. Summary and Final SNHD Comments

Mr. Isler announced the Business Impact Survey, the proposed 2025 Individual Sewage Disposal and Liquid Waste Management Regulations, a list of major changes, and other supporting documents are available for review at 280 South Decatur Boulevard and on the SNHD website at https://www.southernnevadahealthdistrict.org/permits-and-regulations/sewage-septic-disposal-systems-isds/. Questions may be directed to SNHD's Environmental Health Division at (702) 759-0660 or to septics@snhd.org.

The Business Impact Survey comment period will end at 11:59 p.m. on Sunday, April 27, 2025. Staff will then review the comments and make a presentation to the Board of Health on August 28, 2025, regarding the impact to businesses. There is a long delay due to the State Legislative session which ends in July. After that, the next step in the process is to proceed to the Public Comments. Workshop(s) will be scheduled to discuss changes to the proposed regulations with those comments going to the Board of Health for final approval. We are hoping this will be at the Board's October 2025 meeting. The date(s) and time(s) of the public workshop(s) will be determined [and published] after the August 28 Board of Health meeting.

V. Adjournment

Mr. Isler thanked attendees for their participation and adjourned the workshop at 10:26 a.m.
[No one arrived after the Workshop opened, no one commented, so the Workshop closed]

PUBLIC WORKSHOP AGENDA
PROPOSED FEE FOR
INDIVIDUAL SEWAGE DISPOSAL SYSTEM
OPERATING PERMIT

Southern Nevada Health District Workshop, Virtual and In-Person
Wednesday, July 23, 2025 - 1:00 p.m.

Red Rock Conference Room, 280 S. Decatur Blvd., Las Vegas, NV
or
Virtual-Microsoft Teams
Meeting ID: 236 568 866 797 3
Passcode: oH2yt6iZ

Supporting Documentation available at:
SNHD.info/permits-and-regulations/sewage-septic-disposal-systems-isds

I.	**Introductory Remarks**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor Introduction of SNHD Staff
II.	**Review of Fee**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor
III.	**Public Comments**	Participants can step up to the speaker's podium; clearly state your name and organization. Spell your last name for the record. Comments will be limited to five (5) minutes per speaker.
IV.	**Summary & Final SNHD Comments**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor
V.	**Adjournment**	Daniel Isler, PE, REHS, Environmental Health Engineer Supervisor

THIS AGENDA HAS BEEN POSTED IN THE MAIN LOBBY OF THE FOLLOWING LOCATIONS: 1) CLARK COUNTY GOVERNMENT CENTER, 500 S. Grand Central Parkway, Las Vegas, NV; 2) LAS VEGAS CITY HALL, 495 S. Main Street, Las Vegas, NV; 3) NORTH LAS VEGAS CITY HALL, 2250 N. Las Vegas Boulevard, North Las Vegas, NV; 4) HENDERSON CITY HALL, 200 Water Street, Henderson, NV; 5) BOULDER CITY, CITY HALL, 401 California Avenue, Boulder City, NV; 6) MESQUITE CITY HALL, 10 E. Mesquite Boulevard, Mesquite, NV; 7) SOUTHERN NEVADA HEALTH DISTRICT, 280 S. Decatur Boulevard, Las Vegas, NV; and 8) CLARK COUNTY COMMUNITY RESOURCE CENTER, 55 Civic Way, Laughlin, NV.

This Agenda is also available on the Southern Nevada Health District Internet website at https://www.southernnevadahealthdistrict.org/news-info/public-notices/ and on the Nevada Public Notice website at https://notice.nv.gov. For copies of agenda material, please contact Cherie Custodio at (702) 759-0660.
In addition, handouts will be available at the workshop.

NOTE: Disabled members of the public who require special accommodations or assistance at the meetings are requested to notify Cherie Custodio, Senior Administrative Assistant at the Southern Nevada Health District by calling (702) 759-0660.

MEETING	2025 Proposed FEE For Individual Septic Disposal Systems Permits	DATE	July 23, 2025
FACILITATOR	Dan Isler	TIME	1:00 p.m.
LOCATION	Red Rock Conference Room		

Southern Nevada Health District

NO.	NAME & ADDRESS (PLEASE PRINT)	PROGRAM/AGENCY/ AFFILIATION	EMAIL	PHONE	SIGNATURE
1.	BURNS, Daniel	SNHD/EH	burnsd@snhd.org	702-759-0684	
2.	CADENA, Nancy	SNHD/EH	cadena@snhd.org	702-759-1158	
3.	CORDIAL, Arcmiguel	SNHD/EH	cordial@snhd.org	702-759-0959	
4.	CUSTODIO, Cherie	SNHD/EH	custodioc@snhd.org	702-759-1838	
5.	DeWOLFF, John	SNHD/EH	dewolff@snhd.org	702-759-0969	VIA TEAMS
6.	GEORGE, Sarah	SNHD/EH	george@snhd.org	702-759-0629	
7.	ISLER, Dan	SNHD/EH	isler@snhd.org	702-759-0564	
8.	LAT, Dann	SNHD/EH	lat@snhd.org	702-759-0607	
9.	OMAN, Gabriela	SNHD/EH	oman@snhd.org	702-759-0729	
10.	KREMER, Nami	SNHD/EH	kremer@snhd.org	702-759-0604	VIA TEAMS
11.	NORTHAM, Brian	SNHD/EH	northam@snhd.org	702-759-0560	VIA TEAMS
12.	SAXTON, Christopher	SNHD/EH	saxton@snhd.org	702-759-1693	VIA TEAMS
13.					
14.					

MEETING	2025 Proposed FEE For Individual Septic Disposal Systems Permits	DATE	July 23, 2025
FACILITATOR	Dan Isler	TIME	1:00 p.m.
LOCATION	Red Rock Conference Room		

Southern Nevada Health District

NO.	NAME & ADDRESS (PLEASE PRINT)	PROGRAM/AGENCY/ AFFILIATION	EMAIL	PHONE	SIGNATURE
	Jennifer Walker 1716 Via Sonador Henderson	Septic Operating Permits	jenniferrw@aol.com	702.417.7111	
	AL BINGHAM 920 UPLAND BLVD LV 89107	UPLAND BIBLE CHURCH	info@uplandbiblechurch.org	(702) 575-2072	
.					
.					

PROPOSED FEE FOR
INDIVIDUAL SEWAGE DISPOSAL SYSTEM
OPERATING PERMIT
PUBLIC WORKSHOP MINUTES

Red Rock Conference Room, 280 S. Decatur Blvd., Las Vegas, NV
Wednesday, July 23, 2025 - 1:00 p.m.

I. Introductory Remarks

Dan Burns opened the workshop at 1:00 p.m. by introducing himself as the Environmental Health Engineering Manager. Mr. Burns reminded all attendees that this Business Impact Survey workshop is for receiving comments on the proposed $226 fee for a 5-year ISDS Operating Permit.

The Health District Environmental Health Division previously conducted a Business Impact Survey on proposed changes to the Individual Sewage Disposal Systems and Liquid Waste Management Regulations which occurred from March 16, 2025, through April 27, 2025. Mr. Burns asked that comments in today's Workshop be limited to the proposed fee, not other portions of the proposed regulations. Public comments will be made on the proposed Individual Sewage Disposal System (ISDS) regulations, including the proposed Operating Permit Fee of $226 during the Southern Nevada District Board of Health (BOH) public hearing on August 28, 2025, when the Business Impact Statement Report is presented.

Individuals who would like to attend and participate in the Business Impact Survey Workshop by phone can call (702) 907-7151 and enter phone conference ID 825721154#. To provide public comment over the telephone, the public needs to press *5 during the comment period and wait to be called on.

Mr. Burns turned the workshop over to Dan Isler, Environmental Health Engineer Supervisor, who will be conducting the workshop.

Mr. Isler introduced himself and opened the workshop. Mr. Isler advised since this is a public workshop, it is required that all the proceedings be recorded and all the comments that we receive during this workshop be entered into the record. The workshop will close when there are no further public questions or comments for the proposed fee for ISDS Operating Permit.

Mr. Isler welcomed all attendees and reminded those who were present to exit through the main door and follow security's instructions, should there be an emergency.

Copies of the Agenda and Public Notice are available at the table near the entrance as well as on the website at southernnevadahealthdistrict.org/news-info/public-notices/. In-person attendees were advised to sign-in on the sign-in sheet if they have not done so already. In the event of an emergency, please follow directions provided by SNHD Security.

Mr. Isler then introduced other Southern Nevada Health District staff starting with Nancy Cadena and Cherie Custodio, the administrative assistants. From his left were Dann Lat, Arcmiguel Cordial, Sarah George and Gabriela Oman

II. Proposed Fee

Mr. Isler proceeded to discuss the proposed fee.

The Health District is responsible for issuing and overseeing compliance of individual sewage disposal systems in Clark County, Nevada. Once a system has been approved for installation, a permit is issued, but there has never been a recurring fee as is done by some other jurisdictions. The Health District is proposing a recurring operating permit and associated fee of $226 for a 5-year interval for all septic systems within Clark County, Nevada. This corresponds to a $45 annual fee which is less than what is charged for other public health services such as water, community sewer, electricity and trash disposal. It is also comparable to but often is less than what other jurisdictions charge who have these kind individual sewage disposal system permit fees.

The plan currently envisioned would be to implement the permit in waves, so that roughly 20% of ISDS permits would be permitted and renewed each year to make things easier logistically. The ISDS program, represented by all of us here, has not been self-sufficient for many years and these fees would be used to cover the costs for existing and new program development, conduct necessary oversight of the regulations, review renewing permits, and add additional staff as needed.

The proposed changes are projected to increase EH division revenue by approximately $845,150 in the first year and increase between 1-3% annually thereafter when the EH Fee Schedule is adjusted based on the Consumer Price Index.

III. Public Comments

Mr. Isler announced that comments will be limited to three minutes per person. Written comments may also be submitted to the administrative assistant.

In-person attendees who wish to make comments were instructed to step-up to the microphone to clearly state their name and business with their comment. Please spell your last name. Comments must be made into the microphone, or they may not be audible.

Attendees online who wish to comment were instructed to use the “Raise Hand” button, which is located in the ribbon near the top of the screen. The administrative assistant will unmute them when it is their turn to speak. Individuals who wish to comment by phone can call (702) 907-7151 and enter phone conference ID 825721154#. The individual will comment over the telephone by pressing *5 during the comment period and wait to be called on.

An in-person attendee approached the podium by the name of Jennifer Walker. W-A-L-K-E-R. She is the owner of Crees Mobile Home Park in Searchlight, Nevada. She asked the following questions:
1. Will an inspection be required every five years in accordance with this fee?
2. Being a mobile home park owner, there is one giant system that services 73 spaces. Will there be only one fee - $226 for the full system.

Mr. Isler addressed the above inquiries. Based on Ms. Walker’s description of the system and the number of mobile homes it serves it would be under the jurisdiction of the Nevada Division of Environmental Protection as

NDEP handles systems greater than 3500 gallons. With this said, Ms. Walker's system is under NDEP's jurisdiction and SNHD's regulations will not apply to that. Ms. Walker confirmed the mobile park has 2x 15,000-gallon tanks. Thus, this will not apply to her situation.

There were no comments from attendees via Teams. There were no attendees on the phone.

IV. Summary and Final SNHD Comments

Mr. Isler announced the Business Impact Survey for this proposed fee for ISDS Operating Permit, along with the proposed 2025 Individual Sewage Disposal and Liquid Waste Management Regulations, a list of major changes, and other supporting documents are available for review at 280 South Decatur Boulevard and on the SNHD website at https://www.southernnevadahealthdistrict.org/permits-and-regulations/sewage-septic-disposal-systems-isds/. Questions may be directed to SNHD's Environmental Health Division at (702) 759-0660 or to septics@snhd.org.

The Business Impact Survey comment period will end at 4:30 p.m. on Friday, July 31, 2025. Staff will then review the comments and make a presentation to the Board of Health on August 28, 2025, regarding its impact to businesses. After that, the next step in the process is to proceed to the Public Comments. Workshop(s) will be scheduled to discuss changes to the proposed regulations with those comments going to the Board of Health for final approval. Hopefully, this will be at the Board's October 2025 meeting. The date(s) and time(s) of the public workshop(s) will be determined and published after the August 28 Board of Health meeting.

V. Adjournment

Mr. Isler opened the floor for final public comments.

Seeing there was no in-person, virtual or phone attendee who wished to comment, Mr. Isler thanked everyone for their participation and adjourned the workshop at 1:13 p.m.

Attachment E

Proposed 2025 ISDS/LWM Regulations

SOUTHERN NEVADA HEALTH DISTRICT

2025 INDIVIDUAL SEWAGE DISPOSAL SYSTEMS AND LIQUID WASTE MANAGEMENT REGULATIONS

WHEREAS, the Southern Nevada Health District is a public health authority organized pursuant to Nevada Revised Statutes (NRS) Chapter 439 with jurisdiction over all public health matters within Clark County, Nevada;

WHEREAS, the Southern Nevada District Board of Health (Board) is the Southern Nevada Health District's governing body and is authorized to adopt regulations to protect and promote the public health and safety in the geographical area subject to its jurisdiction, and is specifically authorized to adopt regulations to control the use of residential individual sewage disposal systems within its jurisdiction pursuant to NRS 444.650;

WHEREAS, in accordance with the authority granted pursuant to NRS Chapter 439 and NRS 444.650, the Board hereby adopts regulations to establish uniform, minimum standards to regulate the planning, design, construction, operation, and maintenance of individual sewage disposal systems, other sewage treatment systems, and liquid waste management in Clark County, Nevada; and

WHEREAS, the Board deems the following regulations are necessary to protect and promote the public health and safety, it does therefore publish, promulgate, and order compliance within Clark County, Nevada with the substantive and procedural requirements hereinafter set forth.

DRAFT

Table of Contents

Chapter 1 – General Provisions 5
1-1 Scope 5
1-2 Responsibilities 5
1-3 Definitions 5
Chapter 2 – ISDS Permits 8
2-1 ISDS Construction Permits 8
2-1.01 General Provisions 8
2-1.02 Residential ISDS Construction Permits 8
2-1.03 Commercial ISDS Construction Permits 10
2-1.04 ISDS Inspection Requirements 11
2-2 ISDS Operating Permits 11
2-2.01 General Provisions 12
2-2.02 Issuance 12
2-2.03 Duration and Renewal 12
2-2.04 Modifications 12
2-3 ISDS Maintenance Requirements 13
2-4 ISDS Property Transfer Requirements 14
2-4.01 Inspector Qualifications 15
2-4.02 Inspection Criteria 16
Chapter 3 – Commercial Holding Tank Permits 18
3-1 Holding Tank Permit Applications 18
3-2 Permanent Commercial Holding Tank Permits 18
3-3 Temporary Portable Holding Tank Permits 19
Chapter 4 – Site Evaluation 21
4-1 General Requirements 21
4-2 Site Evaluation Criteria 21
4-3 Determination of Site Suitability 22
4-3.01 Unsuitable Sites 22
4-3.02 Lot Size Requirements 23
4-3.03 Other Site Restrictions 23
Chapter 5 – ISDS Design and Construction Requirements 24
5-1 Performance Requirements 24
5-1.01 Influent and Effluent Standards 24
5-1.02 Alternative Treatment Systems 25

DRAFT

5-2 Design Flow Determination 25
5-2.01 Residential Design Flow Determination 25
5-2.02 Commercial Design Flow Determination 26
5-3 Building Sewer Line 27
5-4 Septic Tank Design and Construction 27
5-5 Effluent Distribution 28
5-5.01 Specific Requirements for Piping Manifolds 29
5-5.02 Specific Requirements for Distribution Boxes 29
5-6 Soil Absorption Systems 29
5-6.01 Soil Absorption System Sizing 29
5-6.02 Soil Absorption System Construction and Installation 31
5-7 ISDS Location and Separation Requirements 32
Chapter 6 – Division and Use of Land 33
6-1 Parcel Maps 33
6-2 Land Use Applications 33
Chapter 7 – Product and Technology Review 35
7-1 When Required 35
7-2 Product Review Applications 35
Chapter 8 – Nitrogen Removal Systems 37
8-1 When Required 37
8-2 Methods for Evaluating the Risk of Groundwater Nitrate Contamination 37
8-2.01 NDEP Septic Density Model 37
8-2.02 Alternative Nitrogen Evaluation Methods 37
8-3 Design and Performance Requirements 38
8-4 Operation and Maintenance Requirements 38
8-4.01 Service Providers 38
8-4.02 Testing Requirements 39
Chapter 9 – Decommissioning of ISDS 41
9-1 When Required 41
9-2 Removal and Abandonment Requirements 41
9-3 Required Documentation 42
Chapter 10 – Liquid Waste Haulers 43
10-1 Permit Requirements 43
10-1.01 Permit Applications 43
10-1.02 Permit Renewal and Modification 43

DRAFT

10-2 Operating Requirements 44
10-3 Disposal Site 44
10-4 Recordkeeping Requirements 44
Chapter 11 – Waivers and Variances 46
11-1 Waivers 46
11-2 Variances 46
11-3 Public Hearing Before the Board of Health 47
Chapter 12 – Enforcement and Penalties 49
12-1 Denial, Suspension, and Revocation of Permits and Other Approvals 49
12-2 Orders 49
12-3 Hearings 50

DRAFT

Chapter 1 – General Provisions

1-1 Scope

These Regulations establish definitions; set standards for the location, design, construction, installation, operation, and maintenance of INDIVIDUAL SEWAGE DISPOSAL SYSTEMS (ISDS); set standards for liquid waste management and the operation of LIQUID WASTE HAULERS; and provide for the issuance, modification, transfer, and revocation of ISDS and LIQUID WASTE HAULER permits.

1-2 Responsibilities

(A) Every owner of real property is responsible for:
  (1) Storing, treating, and disposing of wastewater generated on that property;
  (2) Connecting all plumbing fixtures on that property that discharge wastewater to a treatment system approved by the HEALTH AUTHORITY in accordance with these Regulations, to a treatment system approved by the Nevada Division of Environmental Protection (NDEP), or to a COMMUNITY SEWERAGE SYSTEM;
  (3) Obtaining necessary permits and approvals for installation, repair, alteration, and operation of an ISDS; and
  (4) Decommissioning an unused ISDS in accordance with these Regulations.

(B) The issuance of permits or inspection reports by the HEALTH AUTHORITY is not a guarantee or warranty of the operation or effectiveness of an ISDS.

1-3 Definitions

The following definitions will apply in the interpretation and application of these Regulations:

ALTERNATIVE TREATMENT SYSTEM means a system or a receptacle other than a septic tank that is designed and constructed to receive the discharge of SEWAGE from a building sewer, partially or completely treat such SEWAGE, and discharge EFFLUENT for final disposal.

AS-BUILT means a drawing documenting the final location, size, and type of all major ISDS components.

COMMERCIAL FACILITY has the meaning ascribed to it in NAC 445A.9522.

COMMUNITY SEWERAGE SYSTEM means a sewerage system owned or operated, or both, by a public entity such as a general improvement district, sanitation district, city, county, or state government.

DISTRIBUTION BOX means a watertight structure, which receives SEWAGE from a SEPTIC TANK and distributes such SEWAGE in equal portions to pipelines leading to the disposal area.

DISTRIBUTION LINE means a pipe, series of connected leaching chambers, or an equivalent alternative method or technology used for dispersion of SEPTIC TANK EFFLUENT into a SOIL ABSORPTION SYSTEM.

DRAFT

DOMESTIC WASTEWATER means liquid and waterborne wastes derived from ordinary living processes, free from INDUSTRIAL WASTE, normally discharged from or similar to those discharged from plumbing fixtures, appliances, and other devices dedicated to, but not limited to, sanitary, bath, laundry, dishwashing, garbage disposal, water conditioning, and cleaning purposes.

EFFLUENT means partially or completely treated SEWAGE that flows out of a SEPTIC TANK or an ALTERNATIVE TREATMENT SYSTEM.

HEALTH AUTHORITY means the officers and agents of the Southern Nevada Health District.

HEALTH HAZARD means any biological, physical, or chemical exposure, condition, or public nuisance that may adversely affect the health of a person.

HOLDING TANK means a watertight, covered receptacle that is designed and constructed to receive the discharge of SEWAGE from a building sewer and temporarily store that SEWAGE until the SEWAGE is removed by a LIQUID WASTE HAULER.

INDIVIDUAL SEWAGE DISPOSAL SYSTEM (ISDS) means a single system for the treatment and disposal of DOMESTIC WASTEWATER by means of a SEPTIC TANK or ALTERNATIVE TREATMENT SYSTEM and a SOIL ABSORPTION SYSTEM.

INDUSTRIAL WASTE has the meaning ascribed to it in NAC 445A.9546.

INFILTRATIVE SURFACE means the interface where EFFLUENT moves from DISTRIBUTION LINES into treatment media or native soil.

INFLUENT means untreated, partially treated, or completely treated wastewater flowing into a SEPTIC TANK, HOLDING TANK, or other treatment or disposal unit.

LIMITING CONDITION means any subsurface layer or material that will severely limit the capability of the soil to treat or absorb SEWAGE, including, but not limited to, WATER TABLES, fractured or fissured bedrock, excessively permeable material, and relatively impermeable material.

LIQUID WASTE HAULER means any PERSON engaged in the operation of removing and disposing of the solid and liquid contents of SEPTIC TANKS, HOLDING TANKS, grease traps, grease interceptors, non-sewered toilets, or other SEWAGE treatment or disposal units.

LONG-TERM ACCEPTANCE RATE (LTAR) means a design parameter that expresses the rate at which EFFLUENT enters the INFILTRATIVE SURFACE of a SOIL ABSORPTION SYSTEM at equilibrium.

NITROGEN REMOVAL SYSTEM means a system that receives SEWAGE, and through biological denitrification, chemical reduction, or ion exchange, reduces the average TOTAL NITROGEN concentration in the treated EFFLUENT.

PERSON means an individual, firm, partnership, association, corporation, company, governmental entity, club, or organization of any kind.

DRAFT

POTABLE WATER means water that is satisfactory for drinking, culinary, ablutionary, and other domestic purposes and which meets the applicable requirements of the HEALTH AUTHORITY relating to potable water.

PUBLIC WATER SYSTEM has the meaning ascribed to it in NRS 445A.235.

SEPTIC TANK means a watertight, covered receptacle designed and constructed to receive the discharge of SEWAGE from a building sewer, to separate solids from the liquid, to digest organic matter, and to store digested solids through a period of detention and to allow the clarified liquids to discharge for final disposal.

SEWAGE means a combination of the liquid or water-carried wastes carried by pipes from residences, business buildings, institutions, and industrial establishments.

SOIL ABSORPTION SYSTEM means any system that utilizes the soil for subsequent absorption and treatment of EFFLUENT.

TOTAL NITROGEN (TN) means the sum of the total Kjeldahl nitrogen (TKN), nitrate (NO_3), and nitrite (NO_2) in a sample, expressed as mg/L as nitrogen.

WATERCOURSE means the bed or channel of a waterway. The term includes, without limitation, a river, creek, stream, pond, or lake, but does not include an irrigation ditch or drainage channel.

WATER TABLE means the level in saturated soil at which the hydraulic pressure is zero.

DRAFT

Chapter 2 – ISDS Permits

2-1 ISDS Construction Permits

2-1.01 General Provisions

(A) A PERSON must not construct, alter, repair, replace, or expand an ISDS without a valid ISDS Construction Permit issued by the HEALTH AUTHORITY, except for emergency repairs that meet the following conditions:
  (1) The repairs are necessary to prevent an imminent HEALTH HAZARD;
  (2) The repairs are limited to restoring the ISDS to its most recently permitted state, or in the case of unpermitted ISDS, to a condition necessary to prevent a HEALTH HAZARD until the ISDS can be permitted or decommissioned in accordance with **Chapter 9** of these Regulations; and
  (3) The property owner or the property owner's representative notifies the HEALTH AUTHORITY within 48 hours of commencing repair activities.

(B) The following activities do not require an ISDS Construction Permit:
  (1) Adding a riser to a SEPTIC TANK lid;
  (2) Cleaning or replacing subcomponents such as switches, valves, pumps, or filters;
  (3) Inspecting or pumping a SEPTIC TANK; or
  (4) Locating a SEPTIC TANK for inspection or pumping.

(C) An ISDS Construction Permit will become invalid if the proposed construction, alteration, repair, replacement, or expansion of the ISDS is not started within 12 months of the date of issuance, and completed within 12 months after it has started.

(D) If an ISDS Construction Permit has expired or become invalid, installation must not be commenced or completed until a new ISDS Construction Permit is obtained.

(E) A Commercial ISDS Construction Permit is required for the construction, alteration, repair, replacement, or expansion of an ISDS that serves or will serve a COMMERCIAL FACILITY and is within the jurisdiction of the HEALTH AUTHORITY in accordance with the most current Memorandum of Agreement between the HEALTH AUTHORITY and NDEP.

(F) An ISDS Construction Permit shall be denied when:
  (1) The HEALTH AUTHORITY determines that the proposed ISDS will not comply with these Regulations;
  (2) The parcel on which the ISDS will be installed uses or will use the waters of the Colorado River distributed by the Southern Nevada Water Authority or one of the member agencies of the Southern Nevada Water Authority, except that an ISDS Construction Permit may be issued for the repair of an existing ISDS when the repair does not increase the capacity of the ISDS;
  (3) A COMMUNITY SEWERAGE SYSTEM is available within 400 feet of the nearest property line, can be accessed by a gravity flow line, and is accessible per the sewer authority of jurisdiction;
  (4) The proposed ISDS will be located within a Nitrogen Restricted Area, as designated by NDEP pursuant to NAC 445A.9606; or
  (5) The ISDS is not within the jurisdiction of the HEALTH AUTHORITY in accordance with the most current Memorandum of Agreement between the HEALTH AUTHORITY and NDEP.

2-1.02 Residential ISDS Construction Permits

DRAFT

(A) The property owner or the property owner's representative must apply to the HEALTH AUTHORITY for a Residential ISDS Construction Permit in a manner or form approved by the HEALTH AUTHORITY.

(B) A Residential ISDS Construction Permit application may require any or all the following information, without limitation:

(1) The recorded deed for the property on which the ISDS construction, alteration, repair, replacement, or expansion is proposed;

(2) A parcel map, subdivision map, or record of survey as recorded with the Clark County Recorder's Office, or a map or plat prepared and stamped by a professional land surveyor;

(3) Proof of an approved potable water source that meets applicable federal, state, and local standards for water quality and quantity, which must be demonstrated by:

(a) A written water commitment from a PUBLIC WATER SYSTEM stating that the property will be served with water, except as otherwise provided by **Subsection 2-1.01(F)(2)**; or

(b) A well driller's report, approval by the Nevada Division of Water Resources (NDWR), and water quality analysis.

(i) Samples must be collected directly from the well or other water source, before the water enters any distribution, filtration, or treatment system.

(ii) The water must be tested for the analytes typically included in a routine domestic water panel, unless otherwise required by the HEALTH AUTHORITY.

(iii) Testing must be performed by a laboratory that is certified by NDEP to test for the analytes specified.

(4) Documentation from the COMMUNITY SEWERAGE SYSTEM with nearby sewer infrastructure stating whether the property meets its criteria to connect to the sewer system;

(5) A complete Site Evaluation in accordance with **Chapter 4** of these Regulations;

(6) A nitrogen evaluation in accordance with **Chapter 8** of these Regulations.

(7) A floor plan showing all plumbing fixtures;

(8) A plot and grading plan, which must include, without limitation:

(a) The title and date of the plan;

(b) A map of the area in which the ISDS will be located that shows the location of the roads and streets;

(c) The dimensions of the lot on which the ISDS will be located;

(d) The direction of north clearly indicated;

(e) The scale to which the plan is drawn (e.g., 1 inch = 30 feet);

(f) Each component of the ISDS, which must be properly marked and located at specified distances, in feet;

(g) The capacity of the SEPTIC TANK or other storage or treatment unit;

(h) The treatment area of the SOIL ABSORPTION SYSTEM;

(i) The location and depth of each proposed or actual well, including the depth of casing and surface grout seal;

(j) The location of each percolation test hole, excavated pit, or boring test hole;

DRAFT

(k) The location of the water supply lines, building sewer lines, and other underground utilities;
(l) The location of all buildings, paved areas, driveways, trees, patios, pools, block walls, retaining walls, and other structures;
(m) The location and distance to wells and ISDS on surrounding lots, or if the lots are vacant the plot plan must so indicate;
(n) The distance within 500 feet to any WATERCOURSE, including, without limitation, any pond, lagoon, or stream, or if there are none the plot plan must so indicate;
(o) The distance to public and private sewer lines, or if there are none the plot plan must so indicate; and

(9) Any other information requested by the HEALTH AUTHORITY.

2-1.03 Commercial ISDS Construction Permits

(A) The issuance of a Commercial ISDS Construction Permit from the HEALTH AUTHORITY shall be in conformance with the most current Memorandum of Agreement signed with NDEP.

(B) The property owner or the property owner's representative must apply to the HEALTH AUTHORITY for a Commercial ISDS Construction Permit in a manner or form approved by the HEALTH AUTHORITY.

(C) In addition to all items specified in **Subsection 2-1.02(B)**, inclusive, the Commercial ISDS Construction Permit application must include, without limitation:
(1) A statement regarding the relationship of the property to the 100-year flood plain, signed and sealed by a State of Nevada registered professional engineer;
(2) If the COMMERCIAL FACILITY will discharge anything other than DOMESTIC WASTEWATER to the ISDS:
(a) Information related to wastewater characteristics and strength;
(b) Design computations for interceptors;
(c) Any other information required under **Section 5-1**; and
(d) Any other information requested by the HEALTH AUTHORITY.

(D) In addition to all items specified in **Subsection 2-1.02(B)(8)**, inclusive, the plot and grading plan for a Commercial ISDS must include, without limitation:
(1) Finished grade contour elevations;
(2) Invert elevations for all plumbing relating to the ISDS;
(3) A permanent barrier to prevent vehicular access and traffic over the ISDS, unless the proposed tank is traffic-rated;
(a) A tank will be considered traffic-rated when it meets the AASHTO H-20 design loading criteria or a more restrictive standard.
(b) If a traffic-rated SEPTIC TANK is proposed, the SEPTIC TANK detail must be submitted.
(4) Parking lots, including bumpers; and
(5) A seal and signature from a State of Nevada registered professional engineer.

(E) COMMERCIAL FACILITIES that are subject to other regulations adopted or enforced by the HEALTH AUTHORITY may be required to obtain additional approval from the HEALTH AUTHORITY before issuance of a Commercial ISDS Construction Permit.

(F) All computations related to the design of the ISDS must be available for review by the HEALTH AUTHORITY upon request.

DRAFT

2-1.04 ISDS Inspection Requirements

(A) Any activity that requires an ISDS Construction Permit in accordance with **Subsection 2-1.01** must be inspected and approved by the HEALTH AUTHORITY before any system components are covered or placed into service unless the HEALTH AUTHORITY expressly waives the inspection requirement in writing.

(B) All inspections required under this Subsection must be performed by the HEALTH AUTHORITY unless:
  (1) The HEALTH AUTHORITY expressly delegates its right to inspect to a third-party in writing; and
  (2) The third-party inspector is certified in accordance with **Subsection 2-4.01**.

(C) The HEALTH AUTHORITY may require multiple inspections, including, without limitation:
  (1) Inspection of the site before excavation has begun;
  (2) Inspection of the excavation before the ISDS components are installed to ensure proper location and depth of the excavation;
  (3) Inspection of final grading and landscaping to ensure that the ISDS is not subject to stormwater erosion or ponding, root intrusion, or vehicular traffic; and
  (4) Inspection of ALTERNATIVE TREATMENT SYSTEMS, as applicable.

(D) The HEALTH AUTHORITY shall approve the construction, installation, modification, alteration, extension, and/or repair of an ISDS only when the ISDS conforms with:
  (1) The design submitted as part of the ISDS Construction Permit application and approved by the HEALTH AUTHORITY;
  (2) All conditions associated with the ISDS Construction Permit;
  (3) The design and construction requirements of **Chapter 5**; and
  (4) All other applicable provisions of these Regulations.

(E) The property owner and the installer of the ISDS are responsible for meeting all inspection requirements, including, without limitation:
  (1) Ensuring that the inspector can access all components of the ISDS;
  (2) Clearly marking all property boundaries;
  (3) When a DISTRIBUTION BOX is utilized, providing the inspector with access to an adequate supply of water to verify that the EFFLUENT will be distributed evenly through the outlet pipes;
  (4) When requested by the HEALTH AUTHORITY, demonstrating that the SEPTIC TANK is watertight according to a procedure specified by the manufacturer, the most current edition of the ASTM C1227 Standard, or an equivalent standard approved by the HEALTH AUTHORITY;
  (5) Providing to the inspector, when requested, any specific equipment that is required to install or inspect the ISDS; and
  (6) Ensuring that the construction area, including any excavations, equipment, and/or ISDS components, does not present an unreasonable safety hazard.

(F) The HEALTH AUTHORITY may require the ISDS to be installed by a State of Nevada licensed contractor and/or may require the installer to demonstrate knowledge and understanding of these Regulations prior to the installation.

(G) When the HEALTH AUTHORITY does not approve an ISDS inspection, a reinspection and the associated fee shall be required unless the HEALTH AUTHORITY expressly waives the reinspection requirement in writing.

2-2 ISDS Operating Permits

DRAFT

2-2.01 General Provisions

(A) A PERSON must not use or operate an ISDS or occupy a structure served by an ISDS without a valid ISDS Operating Permit issued by the HEALTH AUTHORITY.

(B) An ISDS Operating Permit issued under these Regulations is a temporary, revocable permit to operate the ISDS, and it is the responsibility of the owner of the property served by the ISDS to maintain the ISDS and comply with all applicable provisions of these Regulations.

(C) The HEALTH AUTHORITY may impose additional conditions on a Residential ISDS Operating Permit when it determines that the property or structure served by the ISDS is associated with a commercial use.

2-2.02 Issuance

(A) All ISDS existing on the effective date of these Regulations, with or without valid permits, shall be issued an ISDS Operating Permit, beginning six months after the effective date of these Regulations.

(B) The HEALTH AUTHORITY shall issue an ISDS Operating Permit to newly constructed, altered, or expanded ISDS that meet the following conditions:

(1) Approved inspection in accordance with **Section 2-1.04**, including fulfillment of all conditions of approval, if applicable;

(2) Photo documentation of the final grading and landscaping;

(3) An AS-BUILT drawing of the ISDS if it was not installed in accordance with the original plot plan;

(4) Documentation demonstrating that existing ISDS have been decommissioned in accordance with **Chapter 9**, if applicable;

(5) Payment of all fees; and

(6) Any additional conditions imposed by the HEALTH AUTHORITY.

2-2.03 Duration and Renewal

(A) The ISDS Operating Permit expires five years after the date of issuance or upon property transfer, whichever occurs first.

(B) The ISDS Operating Permit continues in effect until its expiration date or until it is revoked, suspended, or not renewed by the HEALTH AUTHORITY.

(C) The HEALTH AUTHORITY may renew the ISDS Operating Permit of a compliant ISDS for an additional five years unless the permit has been revoked in accordance with **Chapter 12** or when applicable law or regulation requires connection to a COMMUNITY SEWERAGE SYSTEM.

(1) For the purposes of this Subsection, a property is required to connect to a COMMUNITY SEWERAGE SYSTEM when the COMMUNITY SEWERAGE SYSTEM is within a street directly adjacent to the property and is accessible per the sewer authority of jurisdiction.

(D) Maintenance of the ISDS Operating Permit requires payment of the associated permit fee in the amount specified in the current SNHD Environmental Health Permit Fee Schedule.

2-2.04 Modifications

(A) The property owner or the property owner's representative must apply to the HEALTH AUTHORITY for permission to modify an ISDS Operating Permit in a manner or form approved by the HEALTH AUTHORITY.

DRAFT

(B) Approval to modify an ISDS Operating Permit must be obtained from the HEALTH AUTHORITY in the following circumstances, without limitation:
    (1) Construction of a new building, with or without plumbing;
    (2) Remodel of an existing building, with or without plumbing;
    (3) Installation of a temporary building;
    (4) Installation of an inground or aboveground pool or spa;
    (5) Change in use type or characteristics;
    (6) Variances, zoning changes, waivers of development standards, use permits, design reviews, or other deviation from applicable development or building codes or standards;
    (7) Division of land on which an ISDS is located; or
    (8) Any other activity that may affect the operation or longevity of the ISDS.

(C) An application to modify an ISDS Operating Permit may require any or all of the following information, without limitation:
    (1) A plot and grading plan in accordance with **Subsection 2-1.02(B)(8)**, inclusive;
    (2) A floor plan showing all plumbing fixtures or other documentation approved by the HEALTH AUTHORITY to adequately and accurately represent the existing and proposed flows to the ISDS;
    (3) Approval from the Nevada Division of Water Resources (NDWR) if the property on which the ISDS is located is served by a well permitted by NDWR and the proposed modification may increase the water use of the property;
    (4) Proof of adequate water rights if the property on which the ISDS is located is served by a domestic well and the proposed modification or use is anything other than a domestic use as defined by NRS 534.013;
    (5) Proof of application to become a permitted PUBLIC WATER SYSTEM if the property on which the ISDS is located is served by a water system that the HEALTH AUTHORITY determines may be subject to regulation under the Safe Drinking Water Act (SDWA), and which does not have a permit to operate as required by NRS 445A.885 and NAC 445A.595-614, inclusive;
    (6) Approval from the PUBLIC WATER SYSTEM if the property on which the ISDS is located is served by a permitted PUBLIC WATER SYSTEM;
    (7) Documentation from the COMMUNITY SEWERAGE SYSTEMS with nearby sewer infrastructure stating whether the property meets their criteria to connect to the sewer system;
    (8) Any applications to subdivide the property on which the ISDS is located;
    (9) Any associated land use applications and supporting documentation; and
    (10) Any other information requested by the HEALTH AUTHORITY.

(D) The HEALTH AUTHORITY may deny an application to modify an ISDS Operating Permit when the existing ISDS is in violation of any provision of these Regulations or any other applicable federal, state, or local law, regulation, ordinance, or code.

2-3 ISDS Maintenance Requirements

(A) Any PERSON owning or controlling property upon which an ISDS is installed is responsible for the operation and maintenance of the ISDS.

(B) The SEPTIC TANK must be pumped by a LIQUID WASTE HAULER approved by the HEALTH AUTHORITY within six (6) months before the sale, transfer, contract for deed, or any other conveyance of land upon which the ISDS is located, and at least once every ten (10) years.

DRAFT

(C) Upon request from the HEALTH AUTHORITY, the property owner must provide a receipt or other documentation demonstrating that the SEPTIC TANK has been pumped within the required period.

(D) A PERSON must not cause, perform, or contribute to any action, activity, or condition that may tend to damage the ISDS or reduce its hydraulic or treatment capacity, including, without limitation:

(1) Introduction of flows to the ISDS that are not DOMESTIC WASTEWATER, including, but not limited to:

(a) Pool or spa discharges;
(b) Water softener backwash;
(c) Nonbiodegradable solids (e.g., "flushable" wet wipes);
(d) Flammable, explosive, poisonous, or hazardous liquids, solids, or gases, including any material identified as a hazardous waste under 40 CFR 261;
(e) Oils or grease; or
(f) Any other liquid, solid, or gas that would or could cause damage to the ISDS.

(2) Disposal of recreational vehicle (RV) waste into the ISDS;

(3) Discharge of rainwater or other large volumes of water into the ISDS;

(4) Excessive irrigation over the ISDS or allowing water to accumulate above the SOIL ABSORPTION SYSTEM;

(5) Construction of a building or structure on or within eight feet (8') of the ISDS;

(6) Driving or parking vehicles or heavy equipment on the SEPTIC TANK unless the tank has been approved and found to meet the AASHTO H-20 design loading criteria or a more restrictive standard;

(7) Driving or parking vehicles or heavy equipment on the SOIL ABSORPTION SYSTEM under any circumstances; or

(8) Placement of an impermeable material over the SOIL ABSORPTION SYSTEM that may restrict subsoil reaeration.

2-4 ISDS Property Transfer Requirements

(A) Within 90 days before the sale, transfer, contract for deed, or any other conveyance of land upon which an ISDS is located, the following requirements must be met:

(1) The property owner or the property owner's representative must notify the HEALTH AUTHORITY of the intent to transfer the property in a manner or form approved by the HEALTH AUTHORITY;

(2) A Property Transfer Inspection must be performed by the HEALTH AUTHORITY or by a third-party inspector approved by the HEALTH AUTHORITY unless one of the following exemptions applies:

(a) The ISDS has an approved Report of Inspection dated within three (3) years of the date of sale; or
(b) The property owner or the property owner's representative presents a signed disclosure statement and supporting documentation to the HEALTH AUTHORITY indicating that:
(i) No ISDS exists on the property or all ISDS on the property have been decommissioned in compliance with **Chapter 9**;
(ii) An ISDS is not required on the property; and
(iii) The property is connected to a COMMUNITY SEWERAGE SYSTEM;

(3) If the property is served by a domestic well, a well permitted by the Nevada Division of Water Resources (NDWR), or another water source that is not a PUBLIC WATER

DRAFT

SYSTEM, the property owner or the property owner's representative must test the water source for evidence of contamination.

(a) Samples must be collected directly from the well or other source, before the water enters any distribution, filtration, or treatment system.
(b) The water must be tested for the analytes typically included in a routine domestic water panel, unless otherwise required by the HEALTH AUTHORITY.
(c) Testing must be performed by a laboratory that is certified by NDEP to test for the analytes specified; and

(4) The property owner or the property owner's representative must provide to the HEALTH AUTHORITY and to the PERSON to whom the property is transferred:
(a) The completed Report of Inspection;
(b) Results of well water quality testing in accordance with **Subsection 2-4(A)(3)**, if applicable; and
(c) Documents relating to permitting, installation, operation, and maintenance of the ISDS.

(B) This Section does not apply to a sale or transfer of property that meets one of the exemptions listed in NRS 375.090;
(C) The Property Transfer Inspection must be performed by an inspector certified by the HEALTH AUTHORITY in accordance with **Subsection 2-4.01** of these Regulations.
(D) The Property Transfer Inspection must be performed in accordance with the procedures described in **Subsection 2-4.02** of these Regulations.
(E) If the property has a NITROGEN REMOVAL SYSTEM, the new property owner must provide the HEALTH AUTHORITY with an updated maintenance contract within 30 days from the close of escrow.
(F) A new ISDS Operating Permit shall be issued to the new property owner in accordance with **Section 2-2** upon completion of the sale, transfer, contract for deed, or other conveyance of land.
(G) Failure to comply with any of the requirements of this Section may result in revocation of the ISDS Operating Permit in accordance with **Chapter 12** and/or assessment of fees in accordance with the current SNHD Environmental Health Permit Fee Schedule.

2-4.01 Inspector Qualifications

(A) A PERSON must apply for and obtain a Certificate of Training from the HEALTH AUTHORITY before performing any inspections under this Section.
(B) The HEALTH AUTHORITY may grant a Certificate of Training to an applicant who:
(1) Possesses working knowledge of ISDS and the inspection process;
(2) Holds a certificate of training from a course recognized by the HEALTH AUTHORITY as sufficiently covering the information specified in **Subsection 2-4.02**; and
(3) Holds a license or certification in one of the following categories:
(a) A Nevada professional engineer licensed according to NRS 625;
(b) A Nevada environmental health specialist licensed according to NRS 625A;
(c) A PERSON certified by the National Association of Wastewater Technicians (NAWT) or an equivalent program approved by the HEALTH AUTHORITY;
(d) A licensed contractor in one of the following categories:
(i) Classification C-27: Individual Sewerage; or
(ii) Subclassification A-15: Sewers, Drains, and Pipes.
(e) An inspector of structures certified in accordance with NAC 645D;

DRAFT

(f) A wastewater treatment plant operator certified according to NAC 445A.2862-294; or
(g) A PERSON qualifying under another category or criteria designated by the HEALTH AUTHORITY.

(C) The HEALTH AUTHORITY may revoke a Certificate of Training from any third-party inspector certified under this Subsection who:
(1) No longer meets one of the qualification requirements defined in **Subsection 2-4.01(B)**;
(2) Consistently fails to comply with the inspection criteria defined in **Subsection 2-4.02**; or
(3) Violates a provision of these Regulations, or any other applicable federal, state, or local law, regulation, ordinance, or code.

2-4.02 Inspection Criteria

(A) The inspector must complete and sign a Report of Inspection on a form approved by the HEALTH AUTHORITY and provide it to the buyer, seller, and HEALTH AUTHORITY within 30 days of the Property Transfer Inspection.
(B) The Report of Inspection must:
(1) Indicate the date the inspection was performed;
(2) Address the physical and operational condition of the ISDS and describe observed deficiencies and repairs completed, if any;
(3) Address and describe any observed noncompliance with the provisions of **Section 2-3** or any other provision of these Regulations; and
(4) For each SEPTIC TANK, HOLDING TANK, or other SEWAGE treatment or disposal unit on the property, indicate one of the following:
(a) That it was pumped by a LIQUID WASTE HAULER permitted in accordance with **Chapter 10**; or
(b) That pumping was not performed for one of the following reasons:
(i) The ISDS Operating Permit was issued and the ISDS was put into service within three (3) years before the Property Transfer Inspection;
(ii) Pumping or servicing was not necessary at the time of the inspection based on the SEPTIC TANK manufacturer's written operation and maintenance instructions; or
(iii) No accumulation of floating or settled waste was present in the SEPTIC TANK or SEWAGE treatment container.

(C) Items that do not comply with the following criteria and/or conditions must be reported to the HEALTH AUTHORITY and corrected along with necessary permits and inspections within 90 days of the sale, transfer, contract for deed, or other conveyance of land:
(1) The SEPTIC TANK must be structurally sound and in good working order and provided with safe and secure lids;
(2) All internal devices and appurtenances such as tees, EFFLUENT screens, and baffles that were originally provided with the SEPTIC TANK or added later must be intact and in working order;
(3) Alarms, control devices, and all other components necessary for the operation of the ISDS are present and in good working order;
(4) A SOIL ABSORPTION SYSTEM, or other means of subsurface wastewater treatment, must be present and not in a state of failure; and

DRAFT

(5) There are no unapproved wastewater discharges to or from the ISDS or from any structure.

(D) If the ISDS poses a HEALTH HAZARD, the property owner must take adequate measures as soon as practicable to abate the hazard.

DRAFT

Chapter 3 – Commercial Holding Tank Permits

(A) A PERSON must not construct, install, or use a HOLDING TANK without a valid HOLDING TANK Permit issued by the HEALTH AUTHORITY.

(B) The issuance of a HOLDING TANK Permit from the HEALTH AUTHORITY shall be in conformance with the most current Memorandum of Agreement signed with NDEP.

(C) A HOLDING TANK may not be used to service a residence, recreational vehicle, or any other structure having sleeping accommodations, except:

(1) On a construction site to serve a contractor's job shack or night watchman's trailer; and

(2) In emergency situations when it is necessary to prevent a potential HEALTH HAZARD.

(D) HOLDING TANK Permits shall be approved to receive and store DOMESTIC WASTEWATER only.

3-1 Holding Tank Permit Applications

(A) The property owner or the property owner's representative must apply to the HEALTH AUTHORITY for a HOLDING TANK Permit in a manner or form approved by the HEALTH AUTHORITY.

(B) A HOLDING TANK Permit application must include, without limitation:

(1) The recorded deed for the property on which the HOLDING TANK is proposed;

(2) A parcel map or subdivision map as recorded with the Clark County Recorder's Office;

(3) A letter from the applicant stating the reason for the request and the anticipated duration of use;

(4) Proof of an approved water source, which must be demonstrated by:

(a) A written water commitment from a PUBLIC WATER SYSTEM stating that the property will be served with water;

(b) A well driller's report and approval by the Nevada Division of Water Resources; or

(c) A proposal to haul water that meets the requirements of NAC 445A.67275-6731, inclusive, and is approved by the HEALTH AUTHORITY.

(5) Documentation from the COMMUNITY SEWERAGE SYSTEM with nearby sewer infrastructure stating whether the property meets its criteria to connect to the sewage system.

(6) A plot plan, which must include, without limitation:

(a) A map of the area in which the HOLDING will be located that shows the location of the roads and streets;

(b) The dimensions of the lot on which the ISDS will be located;

(c) The direction of north clearly indicated;

(d) The scale to which the plan is drawn (e.g., 1 inch = 30 feet);

(e) The proposed location of the HOLDING TANK on the property;

(f) The capacity of the HOLDING TANK; and

(g) The location of the structure that will be served by the HOLDING TANK; and

(7) Any other information requested by the HEALTH AUTHORITY.

3-2 Permanent Commercial Holding Tank Permits

(A) A property is eligible for a Permanent HOLDING TANK Permit when:

DRAFT

(1) The property cannot be approved for an ISDS Construction Permit;
(2) A COMMUNITY SEWERAGE SYSTEM is not available or expected to be available within five (5) years after the date of application for the HOLDING TANK Permit;
(3) The HOLDING TANK is:
    (a) Intended to serve a county, state, or national park, or an occasional-use facility, including, without limitation, a county fair or rodeo; or
    (b) Under the control of a city or other legal entity authorized to construct, operate, and maintain a COMMUNITY SEWERAGE SYSTEM;
(4) The projected daily SEWAGE flow is not more than 500 gallons, unless otherwise allowed by the HEALTH AUTHORITY;
(5) The horizontal separations defined in **Table 5-7** can be met; and
(6) Only DOMESTIC WASTEWATER will be discharged into the HOLDING TANK.

(B) In addition to all items specified in **Subsection 3-1(B)**, inclusive, the Permanent HOLDING TANK Permit application must include, without limitation:
(1) A plot plan, drawn to an engineer or architect's scale showing the proposed location of the holding tank (along with the tank capacity), modular/trailer or temporary structure, water meter, water lines, sewer lines with invert elevations, and parking area; and
(2) A floor plan showing all plumbing fixtures.

(C) A Permanent HOLDING TANK must:
(1) Have a minimum liquid capacity of 1,000 gallons;
(2) Be in conformance with the most current edition of the ASTM C913 Standard or an equivalent standard approved by the HEALTH AUTHORITY;
(3) Be equipped with an audible and visual alarm to indicate when tank is the 75% full or incorporate another method that is at least as protective of public health and is approved by the HEALTH AUTHORITY;
(4) Have no overflow vent at an elevation lower than the overflow level of the lowest fixture served; and
(5) Be designed for anti-buoyancy if test-hole examination or other observations indicate that seasonally high groundwater may float the tank when empty.

3-3 Temporary Portable Holding Tank Permits

(A) Portable HOLDING TANKS may be temporarily placed at the site of limited-duration events, including, without limitation, construction projects, when the following requirements are met:
(1) The HOLDING TANK must be owned and serviced by a LIQUID WASTE HAULER who has been issued a permit under **Chapter 10** of these Regulations;
(2) The HOLDING TANK must be used and maintained in a sanitary manner to prevent a HEALTH HAZARD or nuisance; and
(3) The tank must not be buried, unless approved by the HEALTH AUTHORITY.

(B) For the purposes of this Section, a limited-duration event does not include temporary mass gatherings, as defined by NAC 444.5478.

(C) A Temporary HOLDING TANK must:
(1) Have a liquid capacity of no more than 1,000 gallons unless approved by the HEALTH AUTHORITY;
(2) Be watertight and have no overflow vent lower than the overflow level of the lowest fixture served;
(3) Be structurally sound and made of durable, noncorrosive materials;

DRAFT

(4) Be designed and constructed to provide a secure, watertight connection with the sewer pipe for any building to which the tank is connected; and
(5) Be marked with the name and phone number of the LIQUID WASTE HAULER that has been issued a permit under **Chapter 10** of these Regulations and who is responsible for maintaining the HOLDING TANK.

DRAFT

Chapter 4 – Site Evaluation

4-1 General Requirements

(A) A complete Site Evaluation must be performed on each parcel of land on which an ISDS is proposed to determine the suitability of a location to support an ISDS and to provide a sound basis to select the most appropriate ISDS design for the location and proposed use.

(B) A report meeting the Site Evaluation criteria defined in **Section 4-2** must be submitted to the HEALTH AUTHORITY as part of an ISDS Construction Permit application.

4-2 Site Evaluation Criteria

(A) The Site Evaluation must include the following components:
  (1) Surface characterization; and
  (2) Subsurface investigation consisting of at least one soil boring, pit, or trench:
    (a) For each proposed SOIL ABSORPTION SYSTEM;
    (b) Drilled or dug on the same parcel as, but no more than 100 feet from, the proposed SOIL ABSORPTION SYSTEM; and
    (c) Drilled or dug to a depth of at least four feet (4') below the bottom of the proposed SOIL ABSORPTION SYSTEM.

(B) The Site Evaluation must be performed in accordance with one of the following codes or standards:
  (1) The most recent edition of the *International Building Code*, including the Southern Nevada Amendments;
  (2) The most recent versions of *ASTM D5879/D5879M Standard Practice for Surface Site Characterization for On-Site Septic Systems* and *ASTM D5921 Standard Practice for Subsurface Site Characterization of Test Pits for On-Site Septic Systems*; or
  (3) An alternative method that meets all requirements of this Section and is approved by the HEALTH AUTHORITY.

(C) The Site Evaluation must be performed by a qualified individual from one of the following categories:
  (1) A professional engineer registered in Nevada pursuant to NRS 625 and NAC 625;
  (2) A professional geologist as defined by NRS 514.005;
  (3) A Certified Professional Soil Scientist certified by the American Society of Agronomy;
  (4) An individual with a certificate of training from a course recognized by the HEALTH AUTHORITY as sufficiently covering the information contained within one or more of the codes or standards specified in **Subsection 4-2(B)**; or
  (5) An individual who qualifies under another category designated by the HEALTH AUTHORITY.

(D) The surface characterization must:
  (1) Describe the surface slope and surface drainage characteristics at the proposed location of the ISDS;
  (2) Identify areas of poor drainage such as depressions, and areas of complex slope patterns where slopes are dissected by gullies and ravines;
  (3) Identify whether the property is in the 100-year flood hazard zone, as indicated on the applicable flood insurance rate map; and
  (4) Identify man-made or engineered fill material deposits.

DRAFT

(E) The subsurface characterization must:
    (1) Include a general texture and structure analysis to identify the classification of the soil;
    (2) Include a gravel analysis to determine the percentage of gravel by volume and the size of the gravel;
    (3) Identify the clay minerology of the clay-sized fraction to determine the degree to which the soil swells when wetted; and
    (4) Assess the degree of caliche cementation if caliche soils are encountered.

(F) Data from percolation tests may be considered in the determination of the required SOIL ABSORPTION SYSTEM area when:
    (1) Data is collected from a minimum of two test holes in the area of the proposed SOIL ABSORPTION SYSTEM;
    (2) The tests are performed or supervised by a qualified PERSON from one of the categories specified in **Subsection 4-2(C)** who certifies as to the correctness of the procedure and results;
    (3) The tests are performed in accordance with current scientific and engineering knowledge and best practices; and
    (4) A written report including detailed test results and a description of the test method and its source is provided to the HEALTH AUTHORITY.

(G) The Site Evaluation Report must indicate whether any of the following LIMITING CONDITIONS were encountered, and if so, must indicate the depth at which they were encountered:
    (1) A condition that may cause or contribute to the surfacing of SEWAGE, including but not limited to:
        (a) An impermeable soil or rock layer;
        (b) A zone of saturation that substantially limits downward percolation from the SOIL ABSORPTION SYSTEM;
        (c) Soil with expansive clay soils that become extremely firm when moist and very sticky or plastic when wet (exhibiting firm or extremely firm consistence); or
        (d) Soil with more than 50 percent rock fragments.
    (2) A condition that may promote the accelerated downward movement of insufficiently treated SEWAGE, including but not limited to:
        (a) Fractures or joints in rock that are open, continuous, or interconnected;
        (b) Karst voids or channels; or
        (c) Highly permeable materials such as deposits of cobbles or boulders; or
    (3) The seasonal high-water table occurs within four feet (4') of the bottom of the proposed SOIL ABSORPTION SYSTEM, as revealed by:
        (a) Encountering groundwater within soil trenches or borings;
        (b) The presence of one or more field indicators of saturation; or
        (c) As evidenced by well records or hydrologic reports.

4-3 Determination of Site Suitability

(A) The HEALTH AUTHORITY shall not issue an ISDS Construction Permit unless it determines that the SOIL ABSORPTION SYSTEM can be installed to meet the minimum performance requirements defined in **Section 5-1**.

4-3.01 Unsuitable Sites

DRAFT

(A) A site is unsuitable for construction of an ISDS:
    (1) If any of the LIMITING CONDITIONS defined in **Subsection 4-2(G)** are encountered;
    (2) If the surface slope in the area of the proposed ISDS is greater than 25%;
    (3) In areas of poor drainage such as depressions, and areas of complex slope patterns where slopes are dissected by gullies and ravines;
    (4) In areas within the 100-year flood hazard zone, as indicated on the applicable flood insurance rate map; and
    (5) In areas with engineered or man-made fill.

(B) The HEALTH AUTHORITY may require any or all the following, without limitation, to ensure that the proposed ISDS can be expected to function satisfactorily on an unsuitable site:
    (1) Additional site characterization;
    (2) Written documentation, including engineering, hydrogeologic, geologic, or soil studies;
    (3) Addition and/or substitution of suitable natural or engineered fill material;
    (4) Installation of an ALTERNATIVE TREATMENT SYSTEM; or
    (5) Additional oversight of installation.

(C) Engineered fill may be used only when the following conditions are met:
    (1) The soil conditions in the area of the proposed SOIL ABSORPTION SYSTEM are suitable for SEWAGE disposal purposes;
    (2) The surrounding naturally occurring soil can adequately absorb or disperse the expected volume of EFFLUENT without overflow, breakout, or detrimental effect on ground or surface water; and
    (3) The fill material meets the standards specified by the HEALTH AUTHORITY.

4-3.02 Lot Size Requirements

(A) The minimum lot size required for the construction or operation of an ISDS is:
    (1) One (1) acre when the water supply is from a well serving only that property.
    (2) One-half (0.5) acre when the property is served by a well permitted by NDWR or a PUBLIC WATER SYSTEM and the conveyance of the property was recorded with the Clark County Recorder's Office after the effective date of these Regulations.
    (3) One-quarter (0.25) acre when the property is served by a well permitted by NDWR or a PUBLIC WATER SYSTEM and the conveyance of the property was recorded with the Clark County Recorder's Office on or before the effective date of these Regulations.

(B) For the purposes of this Subsection, the lot size includes public streets, alleys, and other rights of way or easements, or any portion thereof abutting on, running though, or within a parcel.

4-3.03 Other Site Restrictions

(A) An ISDS must be constructed and remain on the same parcel as any structure it serves.

(B) An ISDS must not be constructed in an easement unless the easement is expressly for that purpose.

DRAFT

Chapter 5 – ISDS Design and Construction Requirements

5-1 Performance Requirements

(A) All ISDS must meet the following performance requirements:
  (1) EFLLUENT must not contaminate groundwater or surface water;
  (2) EFLLUENT must not pond around the footings of any structure; and
  (3) Wastewater must not reenter the structure.

(B) All ISDS must be designed, constructed, installed, operated, and maintained in accordance with current scientific and engineering knowledge and best practices.

(C) An ISDS that is designed, constructed, installed, operated, and maintained according to the prescriptive standards defined in this Chapter is presumed to meet the performance requirements of this Subsection, unless the HEALTH AUTHORITY determines that the ISDS will not adequately protect public health due to circumstances unique to the site or the intended use of the ISDS.

5-1.01 Influent and Effluent Standards

(A) HIGH STRENGTH WASTEWATER is wastewater that contains any constituent that exceeds the concentrations typically found in DOMESTIC WASTEWATER, as defined in the following table:

Table 5-1 Wastewater Characteristics and Treatment Standards

Wastewater Constituent	Typical Concentration (mg/L)		Maximum Concentration (mg/L)	
	Domestic Wastewater	Septic Tank Effluent	Advanced Treatment I	Advanced Treatment II
Total Suspended Solids (TSS)	200	80	30	10
Biochemical Oxygen Demand (BOD_5)	300	180	-	-
Carbonaceous Biochemical Oxygen Demand ($CBOD_5$)	-	-	25	10
Oil and Grease (O&G)	50	25	-	-
Total Nitrogen	-	40	> 50% Reduction	20

(B) HIGH STRENGTH WASTEWATER, including, without limitation, wastewater from food preparation, laundry service, or auto washing, must be pretreated to produce EFFLUENT that has a strength no greater than the maximum concentrations listed for pretreated EFFLUENT in **Table 5-1** before discharge into a SEPTIC TANK, HOLDING TANK, or other storage or treatment unit.

(C) Pretreatment devices are required in the following circumstances, without limitation:
  (1) Food establishments must provide a grease interceptor that is designed, constructed, installed, operated, and maintained in accordance with the most current edition of the *Southern Nevada Health District Regulations Governing the Sanitation and Safety of Food Establishments* and with the requirements of the

DRAFT

most current edition of the *Uniform Plumbing Code* approved by the local jurisdiction.

(2) Laundromats must provide a lint interceptor that is designed, constructed, installed, operated, and maintained in accordance with the requirements of the most current edition of the *Uniform Plumbing Code* approved by the local jurisdiction.

(3) Auto washes, garages, and any COMMERCIAL FACILITY with air conditioning condensate waste lines and evaporative cooler overflow lines must provide a sand-oil interceptor that is designed, constructed, installed, operated, and maintained in accordance with the requirements of the most current edition of the *Uniform Plumbing Code* approved by the local jurisdiction.

(D) An interceptor or separator that is required pursuant to this Subsection must be:

(1) Accessible for service and maintenance; and

(2) Maintained by periodic removal of accumulated grease, scum, oil, or other floating substances and solids deposited in the interceptor or separator.

(E) Removal of accumulated grease, scum, oil, or other floating substances and solids deposited in an interceptor or separator must be performed by a permitted LIQUID WASTE HAULER in accordance with **Chapter 10** of these Regulations.

5-1.02 Alternative Treatment Systems

(A) Public domain technology ALTERNATIVE TREATMENT SYSTEMS must be:

(1) Designed and stamped by a State of Nevada registered professional engineer; and

(2) Designed, installed, operated, and maintained according to a standard created by a nationally or internationally recognized organization.

(B) Proprietary ALTERNATIVE TREATMENT SYSTEMS must be:

(1) Designed, constructed, installed, operated, and maintained according to the manufacturer's instructions;

(2) Approved by the HEALTH AUTHORITY in accordance with **Chapter 7** of these Regulations; and

(3) Certified or approved for use by the National Sanitation Foundation (NSF) under NSF/ANSI Standard 40 or an equivalent standard approved by the HEALTH AUTHORITY.

5-2 Design Flow Determination

5-2.01 Residential Design Flow Determination

(A) For a Residential ISDS, the design flow may be based on the number of bedrooms, or the total number of plumbing fixture units served by the ISDS, in accordance with the following table:

Table 5-2 Single-Family Residential Design Flows

Bedrooms	Fixture Units	Design Flow[1] (GPD)
1	1-7	150
2	8-14	300
3	15-21	450
4	22-28	600

DRAFT

5	29-35	750
6	36-42	900
7	43-49	1050
≥ 8	≥ 50	≥ 1200[2]

[1] If the number of bedrooms and the fixture unit count correspond with different design flows, the larger design flow must be used.
[2] Each additional bedroom represents an additional 150 GPD and each additional fixture unit represents an additional 20 GPD.

(B) When fixture units are used as the basis for determining the design flow for a Residential ISDS, the number of fixture units must be determined in accordance with the following table:

Table 5-3 Residential Fixture Units

Type of Fixture	Fixture Units
Bathroom Sink (Lavatory)	1
Bathtub	2
Bidet	1
Clothes Washer	2
Floor Drain	2
Kitchen Sink (With or Without Dishwasher)	2
Laundry Tub	1
Shower	2
Toilet (Water Closet)	2
Vegetable Sink, Wet Bar, and Other Sinks	1

5-2.02 Commercial Design Flow Determination

(A) Design flows and organic loads from a COMMERCIAL FACILITY must be determined by a professional engineer or an alternative approved by the HEALTH AUTHORITY.

(B) The design flow for a Commercial ISDS may be based on the total number of plumbing fixture units served by the ISDS or as a function of the proposed use and size of the facility, in accordance with the most current edition of the *Uniform Plumbing Code*, or an alternative approved by the HEALTH AUTHORITY.

(C) When the proposed design flow or organic load is not calculated in accordance with the *Uniform Plumbing Code*:

(1) The design flow or organic load may be determined using one or more of the following alternative data sources, which are listed in order of decreasing importance:

(a) Flow data from the facility that will be served by the proposed ISDS;
(b) Flow data from similar facilities within the jurisdiction of the HEALTH AUTHORITY;
(c) Flow data from similar facilities in other jurisdictions; or
(d) Occupancy or operation patterns from the facility that will be served by the proposed ISDS.

(2) The HEALTH AUTHORITY must approve the alternative method of determining the design flow or organic load.

DRAFT

5-3 Building Sewer Line

(A) The sewer line connecting a building drain to the SEPTIC TANK, including cleanouts and fittings, must be installed in accordance with:
    (1) The most current edition of the *Uniform Plumbing Code* approved by the local jurisdiction;
    (2) The most current edition of the *International Building Code* approved by the local jurisdiction, including the Southern Nevada Amendments; and
    (3) All applicable requirements of the local building department and other local agencies.

(B) A secondary sewer line must be installed to facilitate future connection to a COMMUNITY SEWERAGE SYSTEM in accordance with the following requirements:
    (1) It must begin at the cleanout closest to the building or the SEPTIC TANK;
    (2) It must extend to within one foot (1') of the front property line;
    (3) It must be the same diameter and made of the same material as the rest of the sewer line; ~~and~~
    (4) It must be capped at both ends;
    (5) It must be sloped to promote gravity flow, except as otherwise required by the COMMUNITY SEWERAGE SYSTEM with jurisdiction; and
    (6) The location and invert elevation of each end and equally spaced points along the line must be documented on an AS-BUILT drawing submitted to the HEALTH AUTHORITY.

5-4 Septic Tank Design and Construction

(A) All SEPTIC TANKS and their manufacturers must be approved by the HEALTH AUTHORITY before installation.

(B) All SEPTIC TANKS must be:
    (1) Structurally sound, capable of bearing all anticipated live and dead load conditions exerted on a buried tank, including, without limitation:
        (a) Tank empty and full; and
        (b) Tank installed above and below the water table.
    (2) Watertight to the outlet hole;
    (3) Sized to provide a minimum hydraulic retention time of 48 hours based on the design flow;
    (4) Constructed, installed, operated, and maintained in accordance with:
        (a) The manufacturer's recommendations; and
        (b) The most recent edition of the *Uniform Plumbing Code*, or an equivalent standard approved by the HEALTH AUTHORITY.

(C) The HEALTH AUTHORITY may require an EFFLUENT filter to be installed in the outlet tee of the SEPTIC TANK.

(D) The SEPTIC TANK must contain two compartments in which the first compartment comprises at least half, but no more than two-thirds, of the required volume, except when the SEPTIC TANK is part of a series installation in accordance with **Subsection 5-4(I)**.

(E) The top of the SEPTIC TANK must be no more than four feet (4') below finished grade unless otherwise recommended by the manufacturer.

(F) The minimum size of the SEPTIC TANK is determined according to the following table:

DRAFT

Table 5-4 Septic Tank Sizing

Design Flow (gal/day)	Minimum Liquid Capacity (gal)
< 450	1000
451 – 600	1200
601 – 750	1500
751 – 1000	2000
1001 – 1200	2500

(G) For design flows exceeding 1200 GPD, the minimum liquid capacity of the SEPTIC TANK must be increased by 500 gallons for each additional 250 GPD design flow or portion thereof.

(H) All SEPTIC TANKS constructed, installed, replaced, or repaired after the effective date of these Regulations must be equipped with access risers so that they are easily identifiable and accessible from the ground surface.

(1) Access risers must be equipped with lids that:

(a) Are watertight;

(b) Are brought to or above the surface; and

(c) Have a secure closing mechanism to prevent unauthorized access, such as a lock, special headed bolts or screws, or other mechanism that conforms with the most current edition of the ASTM C1227 Standard, or an equivalent standard approved by the HEALTH AUTHORITY.

(2) Access openings must be accessible to LIQUID WASTE HAULER vehicles.

(3) All exposed access openings must be guarded.

(4) Covers, risers, and lids must be capable of bearing the expected live and dead loads.

(I) Two SEPTIC TANKS may be installed in series when the following criteria are met:

(1) Both tanks consist of a single compartment;

(2) Both tanks were constructed by the same manufacturer;

(3) The primary tank is sized to provide a minimum hydraulic retention time of 24 hours based on the design flow;

(4) The tanks are separated by no more than three feet (3') and connected by a level four-inch (4") nominal size solid Schedule 40 polyvinyl chloride (PVC), polyethylene (PE), acrylonitrile-butadiene-styrene (ABS), or equivalent, or other pipe approved by the HEALTH AUTHORITY;

(5) Inlet and outlet tees are installed in each tank; and

(6) An EFFLUENT filter that is certified or approved for use under NSF/ANSI Standard 46 must be installed in the outlet tee of the primary tank.

5-5 Effluent Distribution

(A) EFFLUENT must be distributed evenly to all DISTRIBUTION LINES.

(B) EFFLUENT distribution by gravity flow must be accomplished using a piping manifold or DISTRIBUTION BOX.

(C) EFFLUENT may be distributed by a pressure distribution system when:

(1) A gravity flow system is unsuitable, inadequate, unfeasible, or cost prohibitive because of site limitations or other conditions;

(2) Necessary to optimally distribute SEWAGE; or

DRAFT

(3) Required as part of an ALTERNATIVE TREATMENT SYSTEM.

(D) Pressure distribution systems must be constructed, installed, operated, and maintained in accordance with NAC 445A.9664 and 445A.969.

(E) The DISTRIBUTION BOX, piping manifold, or other EFFLUENT distribution device must be separated from the SEPTIC TANK and SOIL ABSORPTION SYSTEM by a minimum of two feet (2') of undisturbed soil.

(F) A DISTRIBUTION BOX must be used for EFFLUENT distribution when:

(1) The SOIL ABSORPTION FIELD is composed of more than two DISTRIBUTION LINES; or

(2) The ISDS utilizes a split SOIL ABSORPTION FIELD.

(G) A piping manifold may be used for EFFLUENT distribution only when a DISTRIBUTION BOX is not required.

5-5.01 Specific Requirements for Piping Manifolds

(A) The piping manifold must be constructed of a minimum of three-inch (3") nominal size solid Schedule 40 or SDR-35 polyvinyl chloride (PVC), polyethylene (PE), acrylonitrile-butadiene-styrene (ABS), or equivalent, or other pipe approved by the HEALTH AUTHORITY.

(B) The piping manifold must be level and steady and all joints must be watertight.

(C) The EFFLUENT line from the SEPTIC TANK must bisect the piping manifold using a bidirectional straight tee fitting only.

5-5.02 Specific Requirements for Distribution Boxes

(A) Each DISTRIBUTION BOX must be:

(1) Constructed of corrosion-resistant concrete, SEWAGE-compatible plastic, or other material approved by the HEALTH AUTHORITY;

(2) Installed, operated, and maintained in accordance with the manufacturer's recommendations;

(3) Level, steady, and watertight; and

(4) Installed on a cast-in-place or pre-cast concrete pad that extends three inches (3") beyond its edge.

(B) Each DISTRIBUTION LINE must be connected separately to the DISTRIBUTION BOX.

(C) The DISTRIBUTION BOX must have a single inlet set at least one inch (1") above the outlets.

(D) The outlet inverts must be set at the same level and four inches (4") to six inches (6") above the bottom of the DISTRIBUTION BOX.

(E) FLOW EQUALIZERS must be installed in each outlet of the DISTRIBUTION BOX.

5-6 Soil Absorption Systems

(A) SOIL ABSORPTION SYSTEMS must be designed, constructed, installed, operated, and maintained to achieve adequate hydraulic performance and provide adequate treatment of EFFLUENT.

5-6.01 Soil Absorption System Sizing

(A) The required area of the SOIL ABSORPTION SYSTEM shall be calculated based on the LONG-TERM ACCEPTANCE RATE (LTAR) of the soil at the site of the proposed ISDS.

(B) The LTAR shall be determined based on the limiting hydraulic and organic loading rates that will result in adequate biological and chemical treatment of pollutants.

(C) The LTAR for DOMESTIC WASTEWATER shall be determined in accordance with the following table**:**

DRAFT

Table 5-5
Long-Term Application Rates for
Domestic Wastewater Application to Soil Absorption Systems

Soil Texture	Soil Structure		Approximate Corresponding Percolation Rate (min/in)	LTAR (gal/day/ft^2)		
	Shape	Grade		Septic Tank	Advanced Treatment Level I	Advanced Treatment Level II
Gravel	Single Grain	Structureless	< 1	Unsuitable; Engineered Treatment System Required		
Coarse Sand	Single Grain	Structureless	1 – 5	1.2	1.4	1.55
Sand	Single Grain	Structureless		1.0	1.4	1.55
Loamy Coarse Sand, Loamy Sand, Fine Sand, Very Fine Sand	Single Grain	Structureless	6 – 15	0.8	1.4	1.55
Coarse Sandy Loam, Sandy Loam, Fine Sandy Loam, Very Fine Sandy Loam, Loam, Silt Loam	Prismatic, Blocky, Granular	Moderate, Strong	16 – 40	0.6	0.8	0.9
		Weak		0.5	0.8	0.9
	Massive	Structureless				
Silt, Sandy Clay Loam, Clay Loam, Silty Clay Loam	Prismatic, Blocky, Granular	Moderate, Strong	41 – 60	0.35	0.55	0.65
		Weak	61 – 75	0.3	0.45	0.55
	Massive	Structureless				
Sandy Clay, Silty Clay, Clay	Prismatic, Blocky, Granular	Moderate, Strong	76 – 90	0.2	0.3	0.3
		Weak	91 – 120	0.15	0.2	0.2
	Massive	Structureless				
All Textures	Platy	All Grades	> 120	0.1	0.15	0.15
Bedrock, Hardpan (Caliche), Fragipan, Duripan	N/A	N/A		Unsuitable; Engineered Treatment System Required		

(D) The soil texture and structure shall be determined from the Site Evaluation required pursuant to **Chapter 4**.

(E) The LTAR shall be based on the most hydraulically limiting naturally occurring soil horizon to a depth of four feet (4') below the bottom of the SOIL ABSORPTION SYSTEM.

DRAFT

(F) The minimum area of the SOIL ABSORPTION SYSTEM is calculated using the following equation:

$$A = \left(\frac{Q}{LTAR}\right)(F), \text{ where:}$$

(1) "A" is the minimum required absorption area;
(2) "Q" is the design flow, which is determined from **Table 5-1**, **Table 5-2**, and/or **Table 5-3**;
(3) "LTAR" is the LONG-TERM ACCEPTANCE RATE, which is determined using **Table 5-5**; and
(4) "F" is a size adjustment factor, which is determined from **Table 5-6**.

Table 5-6 Size Adjustment Factors (F)

Distribution Media	Configuration	Distribution Method	
		Gravity	Pressure Dosed
Rock or Gravel	Trench	1.0	0.8
	Bed	1.2	1.0
Chambers and Other Gravelless Media	Trench	0.7	0.7
	Bed	0.84	0.84

(G) The LTAR must not be based solely upon the results of percolation testing.
(H) The HEALTH AUTHORITY may allow for a reduced area of the SOIL ABSORPTION SYSTEM when the ISDS includes an ADVANCED TREATMENT SYSTEM.

5-6.02 Soil Absorption System Construction and Installation

(A) Pipes used for distribution of EFFLUENT must be constructed of a minimum of three-inch (3") nominal size perforated Schedule 40 polyvinyl chloride (PVC), polyethylene (PE), acrylonitrile-butadiene-styrene (ABS), or equivalent, or other pipe approved by the HEALTH AUTHORITY.
(B) The SEPTIC TANK and SOIL ABSORPTION SYSTEM must be separated by a minimum of five feet (5') of undisturbed soil.
(C) Each DISTRIBUTION LINE must be of equal length and must not exceed 100 feet.
(D) The INFILTRATIVE SURFACE and all DISTRIBUTION LINES must be level, with a maximum slope of two inches per hundred feet (0.16%).
(E) Each DISTRIBUTION LINE must be covered by a minimum of one foot (1') and a maximum of three feet (3') of native backfill.
(F) The INFILTRATIVE SURFACE must be no more than four feet (4') below grade unless:
  (1) The SOIL ABSORPTION SYSTEM is adequately aerated by the addition of vents or some other mechanism approved by the HEALTH AUTHORITY; or
  (2) The ISDS includes an ADVANCED TREATMENT SYSTEM that meets the standards of **Section 5-1**.
(G) Leaching chambers and other technologies approved for use by the HEALTH AUTHORITY must be installed according to the manufacturer's recommendations.
(H) SOIL ABSORPTION SYSTEMS must be backfilled and compacted in a manner that:

DRAFT

(1) Does not impair the intended function and performance of the soil, distribution media, and/or DISTRIBUTION LINES;
(2) Allows for the establishment of vegetative cover;
(3) Minimizes settlement; and
(4) Diverts surface runoff away from the SOIL ABSORPTION SYSTEM.

(I) The finished grade over the SOIL ABSORPTION SYSTEM must be landscaped to:
(1) Provide adequate drainage;
(2) Prevent root intrusion;
(3) Protect against erosion; and
(4) Prevent the ponding of water.

5-7 ISDS Location and Separation Requirements

(A) An ISDS must meet the horizontal separation requirements listed in the following table:

Table 5-7 Horizontal Separation Requirements

Feature	Minimum Horizontal Separation		Comments
	Septic Tank	Soil Absorption System	
Property Line	10’	10’	
Building or Load-Bearing Structure	5’	8’	Includes porches, decks, steps (covered or uncovered), breezeways, roofed patios, carports, covered walks, retaining walls, and similar structures and appurtenances.
Private Water Supply Well	100’	100’	Includes any well that does not qualify as a PUBLIC WATER SYSTEM, including wells not used for drinking water (e.g., irrigation wells). Includes abandoned wells that have not been properly plugged in accordance with NAC 534.355-4365, inclusive.
Public Water System Well	150’	150’	
Drainage Channel	25’	25’	
Rock Outcrop	25’	25’	
Slopes > 25%	25’	25’	
Streams or Watercourses	100’	100’	Includes lakes, reservoirs, rivers, streams (perennial or intermittent), and canals.
Public Water Line	25’	25’	Includes mains and laterals.
Onsite Water Line	10’	10’	
Swimming Pool	10’	10’	Measured from the edge of the water surface.
Block Wall	3’	3’	
Driveway	0’	0’	Septic tank and leach field can be adjacent to, but not under, a driveway.

DRAFT

Chapter 6 – Division and Use of Land

6-1 Parcel Maps

(A) The HEALTH AUTHORITY shall review and provide written comments on all PARCEL MAP applications that meet any of the following criteria:
  (1) An ISDS is located on the existing parcel (the "Parent Parcel");
  (2) The proposed parcels (the "Child Parcels") will be less than one (1) acre and meet the criteria to install an ISDS; or
  (3) The proposed Child Parcels meet the criteria to install an ISDS and may require NITROGEN REMOVAL SYSTEMS or another ALTERNATIVE TREATMENT SYSTEM.

(B) The property owner must meet the following conditions of approval before recording the PARCEL MAP with the Clark County Recorder's Office:
  (1) When an ISDS is located on the existing parcel:
    (a) All existing ISDS must be shown on the PARCEL MAP, with each component of the ISDS and all separation distances clearly and accurately marked;
    (b) Each ISDS that will no longer be used must be removed or abandoned in accordance with **Chapter 9**; and
    (c) The applicable review fee must be paid to the HEALTH AUTHORITY.
  (2) When the proposed parcels meet the criteria to install an ISDS:
    (a) The PARCEL MAP must include a certificate by the Southern Nevada District Board of Health indicating:
      (i) That the PARCEL MAP is approved concerning SEWAGE disposal; and
      (ii) Any conditions of approval required by the HEALTH AUTHORITY, including, but not limited to, the requirement to install a NITROGEN REMOVAL SYSTEM or another ALTERNATIVE TREATMENT SYSTEM.
    (b) Each of the proposed parcels must be supplied with water adequate for the zoned use; and
    (c) The applicable review fee must be paid to the HEALTH AUTHORITY.

(C) For a second or subsequent PARCEL MAP of a single parcel or a contiguous tract of land under the same ownership, or ownership by a partnership or corporation of which an individual is a principal or officer, or ownership by PERSONS of first degree of consanguinity:
  (1) The HEALTH AUTHORITY may require each of the proposed parcels to connect to a COMMUNITY SEWERAGE SYSTEM; or
  (2) The HEALTH AUTHORITY may require each proposed parcel to install a NITROGEN REMOVAL SYSTEM when any one of the proposed parcels individually would exceed the maximum ISDS density or otherwise trigger the requirement.

(D) Any subdivision of land that violates or that will cause a violation of these Regulations is prohibited.

6-2 Land Use Applications

(A) The HEALTH AUTHORITY shall review all land use applications, including but not limited to variances, zoning changes, waivers of development standards, use permits, and design reviews.

(B) When an ISDS is located on a property that is associated with or subject to a land use application:

DRAFT

(1) The property owner or the property owner's representative must apply to the HEALTH AUTHORITY for permission to modify the ISDS Operating Permit in accordance with **Section 2-2.04**; or
(2) If the proposed use does not allow for continued use of the ISDS, or if the property will no longer be suitable for use of an ISDS, the property owner or the property owner's representative must:
    (a) Provide notice to the HEALTH AUTHORITY of the intent to remove or abandon the ISDS;
    (b) Remove or abandon the ISDS in accordance with **Chapter 9**; and
    (c) Provide the HEALTH AUTHORITY with proof of connection to a COMMUNITY SEWERAGE SYSTEM.

DRAFT

Chapter 7 – Product and Technology Review

7-1 When Required

(A) Products in the following categories, without limitation, must be reviewed and accepted by the HEALTH AUTHORITY before they can be used in Clark County:
  (1) Proprietary treatment products, including without limitation, NITROGEN REMOVAL SYSTEMS and ALTERNATIVE TREATMENT SYSTEMS;
  (2) Propriety distribution products, including without limitation, plastic leaching chambers; and
  (3) SEPTIC TANKS.

7-2 Product Review Applications

(A) Any PERSON desiring to install or distribute proprietary ISDS products in Clark County must apply to the HEALTH AUTHORITY in a manner or form approved by the HEALTH AUTHORITY.
(B) The Product Review Application must include, without limitation:
  (1) The name, mailing address, and street address of the manufacturer;
  (2) The name, phone number, and email address of an individual who is vested with the authority to represent the manufacturer in the acceptance process;
  (3) Product category (e.g., proprietary treatment product, proprietary distribution product, or SEPTIC TANK);
  (4) Product name, including the specific brand and model;
  (5) A description of the functions of the product, along with any known limitations on the use of the product;
  (6) Product description and technical information, including:
    (a) Dimensioned drawings;
    (b) Materials and characteristics;
    (c) Component design specifications; and
    (d) Volumes, design capacity, and flow assumptions and calculations;
  (7) Siting and installation requirements;
  (8) Product performance information;
  (9) Detailed description, procedure, and schedule of routine service and maintenance;
  (10) A report describing in detail the test procedures and data confirming the performance and properties of the product claimed by the manufacturer;
  (11) Copies of the manufacturer's literature, including:
    (a) Sales and promotion; and
    (b) Design and installation, operation and maintenance, and owner instructions; and
  (12) Identification of information subject to protection from disclosure and trade secrets, if any.
(C) The Product Review Application must be accompanied by a nonrefundable fee in the amount specified in the current SNHD Environmental Health Permit Fee Schedule.
(D) Products within a single series or model line sharing distinct similarities in design, materials, capacities, configuration, and claiming the same level of treatment may be accepted under a single application.
(E) Manufacturers must have readily accessible and current information for designers, regulators, product owners, and other interested parties about their product including:
  (1) Product manuals;

DRAFT

(2) Design instructions;
(3) Installation instructions;
(4) Operation and maintenance instructions; and
(5) A list of representatives and manufacturer-certified service providers in Clark County, or if none exist, information on how service on the product will be provided in Clark County.

DRAFT

Chapter 8 – Nitrogen Removal Systems

8-1 When Required

(A) Before issuing any ISDS Construction Permit or approving any PARCEL MAP, the HEALTH AUTHORITY shall evaluate the actual and potential nitrate contamination of groundwater using one of the following methods:
  (1) The NDEP Septic Density Model, as defined in **Subsection 8-2.01**; or
  (2) Another method developed, adopted, or approved by the HEALTH AUTHORITY in accordance with **Subsection 8-2.02**.

(B) A NITROGEN REMOVAL SYSTEM shall be required for any new ISDS Construction Permit when:
  (1) The HEALTH AUTHORITY determines pursuant to this Chapter that the proposed ISDS poses an actual or potential risk of nitrate contamination of groundwater;
  (2) The property PARCEL MAP contains text stating that a NITROGEN REMOVAL SYSTEM will be required;
  (3) The property is part of a subdivision, and the subdivision final map contains text stating that a NITROGEN REMOVAL SYSTEM will be required; or
  (4) The proposed ISDS is within a Nitrogen Management Area, as designated by NDEP pursuant to NAC 445A.9606.

8-2 Methods for Evaluating the Risk of Groundwater Nitrate Contamination

8-2.01 NDEP Septic Density Model

(A) The HEALTH AUTHORITY shall implement the NDEP Septic Density Model as follows:
  (1) The HEALTH AUTHORITY shall determine the number of existing ISDS within 3,000 feet of the centroid of the property on which the proposed ISDS will be constructed.
  (2) The proposed ISDS presumptively poses an actual or potential risk of nitrate contamination of groundwater when the density calculated in **Subsection 8-2.01(A)(1)** exceeds the maximum density permitted by the NDEP Septic Density Model for the groundwater basin to which the property belongs.

(B) When an ISDS is proposed in an area where the density of ISDS exceeds the maximum density permitted by the NDEP Septic Density Model by a factor of 3 or more, the HEALTH AUTHORITY may require any NITROGEN REMOVAL SYSTEMS to meet the more stringent performance requirements of **Subsection 8-3(D)**.

8-2.02 Alternative Nitrogen Evaluation Methods

(A) If the HEALTH AUTHORITY determines that the NDEP Septic Density Policy is no longer an adequate or appropriate method for evaluating the actual or potential nitrate contamination of groundwater, it may adopt or develop a method to replace or supplement the NDEP Septic Density Policy.

(B) When adopting or developing a method to supplement or replace the NDEP Septic Density Policy, the HEALTH AUTHORITY shall consider the following:
  (1) Population of the area;
  (2) The degree to which the area is unsewered;
  (3) Gross areal nitrogen loading, calculated as the amount of nitrogen discharged into the subsurface by use of ISDS, divided by the land area under consideration;
  (4) Population growth rate of the area;

DRAFT

(5) Existing contamination of groundwater by nitrogen species;
(6) Existing and potential impact to groundwater by sources of nitrogen other than ISDS;
(7) Characteristics of the vadose zone and aquifer;
(8) Location, number, and areal extent of existing and potential sources of nitrogen;
(9) Location and characteristics of existing and potential drinking water supplies; and
(10) Any other information relevant to determining the severity of actual or potential nitrogen impact on the aquifer.

8-3 Design and Performance Requirements

(A) All NITROGEN REMOVAL SYSTEMS must be certified or approved for use by the National Sanitation Foundation (NSF) under NSF/ANSI Standard 245.
(B) All NITROGEN REMOVAL SYSTEMS must be reviewed and approved by the HEALTH AUTHORITY in accordance with **Chapter 7** of these Regulations.
(C) All NITROGEN REMOVAL SYSTEMS must be able to produce EFFLUENT with an average TOTAL NITROGEN concentration that is less than 50% of the average TOTAL NITROGEN concentration of the INFLUENT.
(D) When a proposed ISDS will be located in an area designated by NDEP as a Nitrogen Management Area pursuant to NAC 445A.9606, the ISDS must be installed with a NITROGEN REMOVAL SYSTEM that can produce EFFLUENT with a TOTAL NITROGEN concentration of less than 20 mg/L under normal operating conditions.

8-4 Operation and Maintenance Requirements

(A) All NITROGEN REMOVAL SYSTEMS must be installed, operated, and maintained in accordance with the manufacturer's recommendations and these Regulations.
(B) All NITROGEN REMOVAL SYSTEMS are subject to the operation and maintenance requirements of **Section 2-3** in addition to the requirements of this Chapter.
(C) The HEALTH AUTHORITY may revoke the ISDS Operating Permit associated with a NITROGEN REMOVAL SYSTEM if:
    (1) Test results are not provided to the HEALTH AUTHORITY as required by **Subsection 8-4.02**;
    (2) Test results consistently fail to meet the required standards; or
    (3) The NITROGEN REMOVAL SYSTEM is not being serviced by an approved Service Provider in accordance with the requirements of **Subsection 8-4.01**.

8-4.01 Service Providers

(A) The operation and maintenance requirements of this Chapter must be met by an approved Service Provider in one of the following categories:
    (1) A third-party Service Provider approved by the HEALTH AUTHORITY; or
    (2) The property owner, if the property owner has been certified by the manufacturer of the NITROGEN REMOVAL SYSTEM and has obtained prior approval from the HEALTH AUTHORITY.
(B) All property owners who do not meet the requirements of **Subsection 8-4.01(A)(2)** must maintain a contract with a Service Provider approved by the HEALTH AUTHORITY for the life of the system.
    (1) A new property owner must provide the HEALTH AUTHORITY with an updated maintenance contract within 30 days from the close of escrow.

DRAFT

(2) The property owner must provide the HEALTH AUTHORITY with an updated maintenance contract within 30 days of contracting with a new Service Provider.
(3) A Service Provider must notify the HEALTH AUTHORITY when a contract is terminated for any reason, including non-payment.

(C) The Service Provider must provide an annual report to the HEALTH AUTHORITY on a form approved by the HEALTH AUTHORITY. The report must include the following information, without limitation:
(1) A description of maintenance activities performed;
(2) A description of any recommended, necessary, and/or completed repairs; and
(3) Unmodified test results from the testing laboratory, in accordance with **Subsection 8-4.02**.

(D) The HEALTH AUTHORITY may suspend or revoke the certification of any Service Provider that fails to adhere to these Regulations.

8-4.02 Testing Requirements

(A) The EFFLUENT must be tested for TOTAL NITROGEN, Kjeldahl nitrogen, and nitrate, expressed as mg/L as nitrogen.

(B) The Service Provider must collect samples in a manner and from a location specified by the manufacturer of the NITROGEN REMOVAL SYSTEM.
(1) If the manufacturer does not specify a sampling location, the sample must be collected immediately after the NITROGEN REMOVAL SYSTEM, before the EFFLUENT is discharged to the SOIL ABSORPTION SYSTEM.
(2) If the manufacturer does not specify a sampling procedure, the sample must be collected in accordance with generally accepted wastewater sampling practices.

(C) Testing required under this Section must be performed by a laboratory that is certified by NDEP to test for the analytes specified in **Subsection 8-4.02(A)**.

(D) The HEALTH AUTHORITY may, at the expense of the property owner, require or conduct additional sampling and testing of the EFFLUENT and sampling and testing of the INFLUENT to evaluate the TOTAL NITROGEN reduction achieved by the system when:
(1) The NITROGEN REMOVAL SYSTEM is required to produce EFFLUENT with a TOTAL NITROGEN concentration of 20 mg/L or less and consistently fails to meet this requirement; or
(2) The NITROGEN REMOVAL SYSTEM consistently produces EFFLUENT with a TOTAL NITROGEN concentration that is not substantially different from concentrations typically found in DOMESTIC WASTEWATER INFLUENT.

(E) Unless otherwise recommended by the manufacturer or required by the HEALTH AUTHORITY, the NITROGEN REMOVAL SYSTEM must be tested:
(1) Quarterly during the first year of operation, beginning 90 days after an approved final inspection or date of occupancy, whichever occurs later; and
(2) Every twelve (12) months thereafter for as long as the system is required to be operational.

(F) When a NITROGEN REMOVAL SYSTEM becomes dormant or out of use for an extended period (e.g., more than one year), the property owner may apply for a temporary waiver of the testing requirements of this Subsection.
(1) The HEALTH AUTHORITY shall only consider waiver requests submitted in writing with supporting documentation.
(2) The waiver shall be granted only for the period in which the NITROGEN REMOVAL SYSTEM is not in use.

DRAFT

(3) The property owner must reapply for the waiver every twelve (12) months and must notify the HEALTH AUTHORITY prior to resuming use of the ISDS.
(4) The property owner may be required to complete the startup procedure recommended by the manufacturer when the NITROGEN REMOVAL SYSTEM is returned to service.

DRAFT

Chapter 9 – Decommissioning of ISDS

9-1 When Required

(A) An ISDS is decommissioned when it has been removed and disposed of or abandoned in place in accordance with this Chapter.

(B) An ISDS must be decommissioned in the following circumstances:

(1) The ISDS has failed and cannot be repaired without replacement or reconstruction of major system components, such as replacement of a tank or a section of the SOIL ABSORPTION SYSTEM;

(2) The ISDS will be or has been replaced;

(3) The ISDS is permanently disconnected from the structure served and has not been approved for subsequent use by another structure;

(4) The ISDS is no longer in use because the property will be or has been connected to a COMMUNITY SEWERAGE SYSTEM; or

(5) The HEALTH AUTHORITY issues an order requiring removal or abandonment of the ISDS.

(C) An ISDS may be abandoned except in the following circumstances:

(1) Any part of an ISDS that is within eight feet (8') of an existing or proposed structure must be removed; and

(2) Any part of a SOIL ABSORPTION SYSTEM that is within three feet (3') of a replacement SOIL ABSORPTION SYSTEM must be removed.

9-2 Removal and Abandonment Requirements

(A) All ISDS must be decommissioned according to the following procedure:

(1) The property owner or the property owner's representative must notify the HEALTH AUTHORITY of the intent to remove or abandon the ISDS;

(2) The SEPTIC TANK must be pumped by a LIQUID WASTE HAULER permitted by the HEALTH AUTHORITY;

(3) Pipes or plumbing attached to SEPTIC TANK must be disconnected or sealed;

(4) Electrical connections must be disconnected; and

(5) The ISDS must be abandoned in accordance with **Subsection 9-2(B)** or removed in accordance with **Subsection 9-2(C)**, as appropriate.

(B) An ISDS that will be abandoned must meet the following requirements in addition to the requirements of **Subsection 9-2(A)**:

(1) The lid of the SEPTIC TANK must be collapsed, the bottom ruptured, and the void leveled to the surrounding grade with sand, gravel, compacted soil, or other suitable inert material and completely covered with soil or material similar to that at the surface in the immediate area; and

(2) The property owner or the property owner's representative must provide documentation to the HEALTH AUTHORITY stating that the SOIL ABSORPTION SYSTEM is abandoned in place.

(C) An ISDS that will be removed must meet the following requirements in addition to the requirements of **Subsection 9-2(A)**:

(1) The SEPTIC TANK must be removed to a disposal facility approved by the HEALTH AUTHORITY; and

DRAFT

(2) The SOIL ABSORPTION SYSTEM, including any stained or contaminated soil, or a minimum of two feet (2') of soil surrounding the SOIL ABSORPTION FIELD, must be removed to a disposal facility approved by the HEALTH AUTHORITY.

9-3 Required Documentation

(A) The property owner or the property owner's representative must provide the HEALTH AUTHORITY with documentation demonstrating compliance with this Chapter, including, but not limited to:
   (1) Receipt from the LIQUID WASTE HAULER that pumped the SEPTIC TANK;
   (2) Receipt from each facility to which any waste from the ISDS was transported;
   (3) Photo documentation showing that the SEPTIC TANK lid has been collapsed, the bottom ruptured, and the void leveled to the surrounding grade; and
   (4) A written statement that the SOIL ABSORPTION SYSTEM has been abandoned in place.

(B) If the property is being connected to a COMMUNITY SEWERAGE SYSTEM, a receipt from the COMMUNITY SEWERAGE SYSTEM showing that the fees for sewer connection have been paid must be submitted to the HEALTH AUTHORITY.

DRAFT

Chapter 10 – Liquid Waste Haulers

10-1 Permit Requirements

(A) A PERSON must not engage in the operation of removing or disposing of the contents of SEPTIC TANKS, HOLDING TANKS, grease traps, grease interceptors, portable toilets, or other SEWAGE treatment or disposal units unless the PERSON has an active LIQUID WASTE HAULER permit from the HEALTH AUTHORITY.

(B) Liquid wastes must be maintained in a sanitary manner to prevent a HEALTH HAZARD or nuisance and to prevent the release of a pollutant into the waters of the State.

10-1.01 Permit Applications

(A) A PERSON who applies for a LIQUID WASTE HAULER permit must apply to the HEALTH AUTHORITY in a manner or form approved by the HEALTH AUTHORITY.

(B) The application for a permit to operate as a LIQUID WASTE HAULER must contain the following information:

(1) The type of waste to be hauled by each vehicle;

(2) The location of all discharge points and the type of waste discharged at each location;

(3) A copy of the state registration of each vehicle;

(4) The license number, vehicle identification number, make, model, year, and color of each vehicle if not included in the registration documentation;

(5) The capacity of each vehicle;

(6) A description of each tank which is not physically affixed to a vehicle, including the information specified in **Subsection 10-1.01(B)(4)**;

(7) A copy of a business license:

(a) From the State of Nevada; and

(b) From the appropriate jurisdictions within Clark County.

(8) A statement signed by the owner of the LIQUID WASTE HAULER or the owner's representative that all waste material collected will be disposed of in accordance with these Regulations and that such waste will not be discharged to a waterway, sewer, or deposited on land without prior approval of the HEALTH AUTHORITY; and

(9) Any other information requested by the HEALTH AUTHORITY.

(B) The HEALTH AUTHORITY may require an inspection of the vehicles and tanks used for activities defined within this Chapter, as well as any related storage or maintenance facilities, to ensure that they comply with the requirements of this Chapter.

(C) The HEALTH AUTHORITY may deny an application for a LIQUID WASTE HAULER permit when the applicant has:

(1) Submitted an application which fails to meet the requirements of applicable law and these Regulations;

(2) Engaged in the operation of removing and disposing of solid and liquid contents of SEPTIC TANKS, HOLDING TANKS, grease traps, grease interceptors or other SEWAGE treatment or disposal units before obtaining a permit from the HEALTH AUTHORITY; or

(3) Failed to comply with the provisions of these Regulations.

10-1.02 Permit Renewal and Modification

DRAFT

(A) A permit to operate as a LIQUID WASTE HAULER is valid for one (1) year after the date of issuance.
(B) To renew a permit, the LIQUID WASTE HAULER must submit a completed application for renewal to the HEALTH AUTHORITY within 60 days before the date on which the permit expires.
(C) A LIQUID WASTE HAULER must request approval from the HEALTH AUTHORITY in a manner or form approved by the HEALTH AUTHORITY before doing any of the following, without limitation:
    (1) Using a vehicle which is not listed on the application;
    (2) Changing the type of waste to be hauled for any individual truck; or
    (3) Changing a point of discharge.

10-2 Operating Requirements

(A) Every vehicle used for activities defined within this Chapter must be:
    (1) Legibly labeled on both sides with the name, address, and phone number of the LIQUID WASTE HAULER and the permit number of the vehicle;
    (2) Equipped with a watertight tank or body except when hauling solid inedible kitchen grease; and
    (3) Maintained in a clean and sanitary condition.
(B) All portable receptacles used for transporting liquid or septage wastes must be watertight, equipped with tight-fitting lids, and must be cleaned after each use.
(C) All pumps and hose lines must be maintained to prevent leakage.
(D) All pumping equipment must be fitted with automatic shutoff valves.
(E) Liquid wastes from sand-oil-water separators must not be blended with other liquid wastes.

10-3 Disposal Site

(A) A LIQUID WASTE HAULER must obtain prior approval in writing from the HEALTH AUTHORITY for every destination to which it plans to discharge waste material collected.
(B) A LIQUID WASTE HAULER must not discharge waste material to any site that has not been approved by the HEALTH AUTHORITY.

10-4 Recordkeeping Requirements

(A) A LIQUID WASTE HAULER must maintain a record of each removal and disposal of waste by the LIQUID WASTE HAULER. The record must include:
    (1) The type of waste that was removed;
    (2) The number of the license plate of the vehicle that removed the waste;
    (3) The date, time, and location of the removal of the waste;
    (4) The date, time, and location of the disposal of the waste; and
    (5) A receipt from the waste disposal site or other written proof of proper disposal.
(B) The LIQUID WASTE HAULER must keep a record of each cleaning by the LIQUID WASTE HAULER of the interior of the portable receptacle or the tank of a vehicle that is used to remove or dispose of solid or liquid waste. The record must include:
    (1) The name of the employee who cleaned the portable receptacle or tank; and
    (2) The date, time and location of the cleaning of the portable receptacle or tank.
(C) The LIQUID WASTE HAULER must, in each vehicle used by the LIQUID WASTE HAULER to remove or dispose of solid or liquid waste, keep daily records of:

DRAFT

(1) The removal and disposal of solid or liquid waste by the vehicle; and
(2) The interior cleaning of the portable receptacle or the tank of the vehicle.

(D) A LIQUID WASTE HAULER that transports or receives recyclable waste must submit a recycling survey to NDEP in accordance with the most current edition of the *Southern Nevada Health District Solid Waste Management Authority Regulations*.

(E) The LIQUID WASTE HAULER must retain the records required by this Section for at least three (3) years after the date on which the solid or liquid waste was removed and disposed of or on which the interior of the portable receptacle or the tank was cleaned, as appropriate.

(F) The LIQUID WASTE HAULER must make the records required by this Section available to the HEALTH AUTHORITY upon request.

DRAFT

Chapter 11 – Waivers and Variances

11-1 Waivers

(A) A PERSON seeking a waiver from any provision of these Regulations must apply to the HEALTH AUTHORITY in a manner or form approved by the HEALTH AUTHORITY.

(B) The waiver application must include:

(1) The name and address of the applicant;
(2) The street address, if any, and legal description of the affected property;
(3) The specific provisions of these Regulations for which a waiver is requested;
(4) A statement from the applicant explaining the reasons for seeking the waiver;
(5) Any documentation to support granting the waiver, including any mitigating measures that will be implemented;
(6) A detailed analysis of the environmental effects of the facility or proposed facility under the worst expected adverse conditions if the waiver is granted;
(7) A description of the extent to which the facility or proposed facility will affect the local environment and the public health under the worst expected adverse conditions if the waiver is granted;
(8) A description of any hardship to the applicant that will result from denial of the waiver;
(9) A description of any benefit to the environment and public health that will result from denial of the waiver; and
(10) Any other information required by the HEALTH AUTHORITY to enable it to process the application.

(C) The waiver application must be accompanied by a nonrefundable fee in the amount specified in the current SNHD Environmental Health Permit Fee Schedule.

(D) The HEALTH AUTHORITY may grant a waiver from a provision of these Regulations only when the applicant successfully demonstrates that the proposed waiver will:

(1) Comply with the intent of the specified provision and with the overall intent of these Regulations; and
(2) Provide equal or greater protection of public health and the environment as strict compliance with these Regulations.

(E) Approval of a waiver is not a matter or right and the decision to grant a waiver is in the sole discretion of the HEALTH AUTHORITY. A person aggrieved by a decision to deny a waiver may submit an application for a variance.

11-2 Variances

(A) A PERSON seeking a variance from any provision of these Regulations must apply to the HEALTH AUTHORITY in a manner or form approved by the HEALTH AUTHORITY.

(B) The variance application must include:

(1) The name and address of the applicant;
(2) The street address, if any, and legal description of the affected property;
(3) The specific provisions of the Regulations for which a variance is requested;
(4) A statement from the applicant explaining the reasons for seeking the variance;
(5) Any documentation to support granting the variance, including any mitigating measures that will be implemented;
(6) A detailed analysis of the environmental effects of the facility or proposed facility under the worst expected adverse conditions if the variance is granted;

DRAFT

(7) A description of the extent to which the facility or proposed facility will affect the local environment and the public health under the worst expected adverse conditions if the variance is granted;
(8) A description of any hardship to the applicant that will result from denial of the variance;
(9) A description of any benefit to the environment and public health that will result from denial of the variance; and
(10) Any other information required by the HEALTH AUTHORITY to enable it to process the application.

(C) The variance application must be accompanied by a nonrefundable application fee in the amount specified in the current SNHD Environmental Health Permit Fee Schedule.

11-3 Public Hearing Before the Board of Health

(A) The Board shall conduct a public hearing on the variance application.
(B) The following procedures apply to the hearing:
(1) HEALTH AUTHORITY staff shall provide the Board with a report, including relevant data and a recommendation, regarding the variance application, as well as comments provided by other government entities. A copy of the report must be made available to the applicant and general public no later than three days before the public hearing.
(2) Members of the Board may ask relevant questions of any person.
(3) Any person with a demonstrated interest in the application may present evidence but not testimony that is argumentative or redundant.
(4) The applicant has the burden of proof as to the necessity for the variance.
(5) At the conclusion of the hearing and after consideration of all the evidence presented concerning the requested variance, the Board will:
(a) Grant the variance, in whole or in part;
(b) Deny the variance, in whole or in part; or
(c) If further information is needed, continue the hearing until such time as the information is obtained.
(6) In granting a variance, the Board may impose such conditions as it deems necessary or desirable.
(7) Failure of the applicant to comply with any of the conditions imposed by the Board constitutes grounds for immediate revocation of the variance without notice or hearing.

(C) The Board may grant a variance from a regulation only if it finds from the evidence presented at the hearing that:
(1) There are circumstances or conditions which:
(a) Are unique to the applicant;
(b) Do not generally affect other persons subject to the regulation;
(c) Make compliance with the regulation unduly burdensome; and
(d) Cause a hardship to and abridge a substantial property right of the applicant; and
(2) Granting the variance:
(a) Is necessary to render substantial justice to the applicant and enable the applicant to preserve and enjoy his or her property right; and
(b) Will not be detrimental or pose a danger to public health and safety.

DRAFT

(D) Approval of a variance is not a matter of right and the decision to grant a variance under **Section 11.3(C)** is in the sole discretion of the Board.
(E) Whenever an applicant for a variance alleges that they suffer or will suffer economic hardship by complying with the regulation, the applicant must submit evidence demonstrating the costs of compliance with the regulation. The Board will consider the evidence and determine whether those costs are unreasonable.
(F) Within 14 days after the hearing, the Board will send the applicant a written decision concerning the variance via US Mail First Class to the address provided on the application. The decision will contain the Board's findings of fact on the matters described in **Section 11.3(C)** above and, if the variance is granted, will specify any conditions imposed by the Board and, in a case where appropriate, the date on which the variance expires.
(G) An applicant aggrieved by the decision of the Board may file a petition for judicial review with the Eighth Judicial District Court no later than 30 days after the date of the decision.

DRAFT

Chapter 12 – Enforcement and Penalties

12-1 Denial, Suspension, and Revocation of Permits and Other Approvals

(A) The HEALTH AUTHORITY may deny, suspend, revoke, or refuse to renew any permit, waiver, variance, or any other approval issued under these Regulations for failure to comply with the conditions of the permit, waiver, variance, or approval, any provision of these Regulations, or any other applicable federal, state, or local law, regulation, ordinance, or code, or for any other basis provided in these Regulations.

(1) The HEALTH AUTHORITY shall send written notice to an applicant, property owner, permit holder, Certificate of Training holder, Service Provider, or any other responsible party of its intention to take action, including without limitation, denying, suspending, revoking, or refusing to renew a permit, waiver, variance, Certificate of Training, or other approval.

(2) A written notice issued by the HEALTH AUTHORITY pursuant to this Chapter must include:

(a) The statutory and regulatory authority for the action;

(b) The facts on which the action is based;

(c) Instructions for responding to the notice, including, without limitation:

(i) A statement of the right to any internal informal procedures for appeal;

(ii) The right to a hearing;

(iii) The period during which a hearing must be requested and the consequences of waiving a hearing; and

(iv) The effective date of the action.

(B) Service of the notice by the HEALTH AUTHORITY is considered complete upon personal service or mailing a copy of the notice to the address of record by both U.S. Mail First Class and certified mail.

(C) A party aggrieved by a decision to deny, suspend, revoke, or refuse to renew a permit, waiver, variance, or other approval may request a hearing by submitting a written request within 30 days of service of the written notice.

(D) A request for hearing must include:

(1) A clear, concise statement of all relief requested;

(2) Identification of all asserted legal bases for the relief requested, including citation to relevant law and regulation;

(3) Detail of relevant facts; and

(4) Copies of documents the aggrieved party will present at the time of hearing.

(E) A Hearing Officer will adjudicate any hearing regarding the suspension of, revocation of, or refusal to renew a permit in a public hearing.

(F) The Director of Environmental Health, or designee, will adjudicate any other hearing requested under these Regulations by an aggrieved party. At the sole discretion of the HEALTH AUTHORITY, a hearing under this provision may be heard by a Hearing Officer in a public hearing.

12-2 Orders

(A) The HEALTH AUTHORITY may issue a written order to any PERSON when the PERSON or property which the PERSON owns or is responsible for:

(1) Poses substantial hazards to public health or the environment;

DRAFT

(2) Fails to comply with any provision of these Regulations or a permit issued by the HEALTH AUTHORITY pursuant to these Regulations;
(3) Interferes with an agent of the HEALTH AUTHORITY in the performance of their duties; or
(4) Submits fraudulent, misleading, or inaccurate information to the HEALTH AUTHORITY.

(B) An order issued by the HEALTH AUTHORITY may require the recipient to:
(1) Immediately cease and desist certain acts;
(2) Take certain corrective action within a certain period of time;
(3) Provide proof of compliance; and
(4) Any other action necessary to protect public health or the environment.

(C) An order issued by the HEALTH AUTHORITY must:
(1) State the nature of the violation and describe the attendant facts;
(2) Specify the provision alleged to be violated;
(3) Prescribe the necessary corrective action to be taken;
(4) Provide a reasonable amount of time for completing the required corrective action; and
(5) State the potential penalty if the corrective action is not completed.

(D) Any PERSON to whom an order is issued by the HEALTH AUTHORITY must comply with it as ordered.

(E) Service of an order by the HEALTH AUTHORITY is considered complete upon personal service or mailing a copy of the order to the address of record by both U.S. Mail First Class and certified mail.

(F) Upon written request to the HEALTH AUTHORITY received within five business days following service of the order, the PERSON will be afforded a hearing within 30 days of the date said request is received by the HEALTH AUTHORITY to contest the terms of the order.

12-3 Hearings

(A) Except for public hearings for variance applications, all hearings provided for in this Chapter must be conducted as provided herein.

(B) For hearings adjudicated by a Hearing Officer, the Hearing Officer will be selected by the HEALTH AUTHORITY's legal counsel.
(1) The Hearing Officer must not be an employee of the State or any political subdivision of the State, or of any entity which is permitted or regulated pursuant to these Regulations.
(2) The Hearing Officer will be an independent contractor paid in accordance with a fee schedule approved by the Southern Nevada District Board of Health.

(C) Based upon the evidence presented during the hearing, the Hearing Officer, Director of Environmental Health, or designee, will make appropriate findings and may sustain, modify, or rescind any official action or order considered in the hearing.

(D) A written order specifying the decision shall be furnished to the owner or other responsible party by the HEALTH AUTHORITY. Service of the decision is considered complete upon personal service or mailing a copy of the decision to the address of record by both U.S. Mail First Class and certified mail.

(E) A party aggrieved by the decision may file a petition for judicial review with the Eighth Judicial District Court no later than 30 days after the date of the decision.

(F) Nothing herein contained must be construed as denying any rights of appeal to the courts after the administrative remedies provided herein have been exhausted.

DRAFT

Attachment F

Summary of Changes by Chapter

Summary of Major Changes in 2025 Individual Sewage Disposal Systems and Liquid Waste Management Regulations

Chapter 1 – General Provisions

Corresponds to Section 1 of Existing Regulations

Major Changes:

- "Whereas" section was shortened and revised to match food establishment regulations.
- Preamble was removed.
- Unnecessary and unused definitions were removed, and some new definitions were added.

Chapter 2 – ISDS Permits

Corresponds to Sections 2-4 and 16 of Existing Regulations

Major Changes:

- Construction Permits now require a third-party site evaluation, nitrogen evaluation, and water quality tests (if the water supply is a private well).
- Operating Permits will be issued for 5-year intervals instead of the lifetime of the system.
    - Renewal of Operating Permit includes review by SNHD and requires payment of fee
    - Renewal can be denied if the property is directly adjacent to a street with a gravity accessible sewer line
- Tenant Improvements are renamed Permit Modifications.
    - More clearly defines the circumstances for which permit modifications are required.
    - Expands the evaluation of quasi-municipal (permitted) wells to include verifying compliance with the Safe Drinking Water Act in addition to the existing practice of verifying compliance with Nevada Division of Water Resources limitations on water use.
- New Property Transfer Requirements
    - Property owner must notify SNHD of intent to sell property
    - Inspection report must be provided to SNHD and buyer (some exceptions)
        - Inspection must be by SNHD or a third-party inspector approved by SNHD
        - Inspection must meet specific criteria, which is defined
    - Private wells must conduct a domestic water panel test

Chapter 3 – Holding Tank Permits

Corresponds to Section 2.4 of Existing Regulations

Major Changes:

- Requirements were revised to more closely match holding tank regulations in NAC 445A.
- Added language regarding use of hauled water at sites without potable water infrastructure.

Chapter 4 – Site Evaluation

Incorporates Parts of Sections 11, 14, and 15 of Existing Regulations

Major Changes:

- All applications for new ISDS must include an evaluation of surface characteristics (i.e., slope, drainage, etc.) and subsurface characteristics (i.e., soil type, impermeable layers, etc.)
- Newly recorded parcels will need to be a minimum 0.5 acres (up from 0.25 acres) when served by a public water system or NDWR-approved well (existing properties are grandfathered)

Chapter 5 – ISDS Design and Construction Requirements

Corresponds to Sections 5-9, 11, and 13 of Existing Regulations

Major Changes:

- Replaces detailed design requirements for septic tanks and leach fields with references to third-party standards, which increases flexibility for SNHD.

- Requires pretreatment devices for food establishments, laundry service, and auto washing facilities and references SNHD food establishment regulations and Uniform Plumbing Code.
- All new or repaired septic tanks must have access risers that extend to the surface.
- Removes references to "default" percolation rate and "deep" soil absorption systems as these concepts are contrary to best practices.

Chapter 6 – Division and Use of Land

No Equivalent Section in Existing Regulations

Major Changes:

- Codifies the existing practice of reviewing parcel maps and land use applications.
- Restricts the practice of filing multiple parcel maps to avoid more stringent subdivision requirements.

Chapter 7 – Product and Technology Review

No Equivalent Section in Existing Regulations

Major Changes:

- Codifies the product review process and requirements:
    - What types of products must be reviewed?
    - What are the application requirements?
    - What criteria does SNHD use to evaluate the product?

Chapter 8 – Nitrogen Removal Systems

Corresponds to Section 10 of Existing Regulations

Major Changes:

- Defines how SNHD determines whether a property requires a nitrogen removal system (density of ISDS) and defines the ISDS density that triggers the nitrogen removal requirement.
- Includes a process for changing the ISDS density trigger or changing to a non-density-based method of evaluation.
- Changes the current effluent concentration-based standard, which is unrealistically low, to a percent reduction-based standard.
- Eliminates the required annual inspection and associated fee.

Chapter 9 – Decommissioning ISDS

Corresponds to Section 17 of Existing Regulations

Major Changes:

- None.

Chapter 10 – Liquid Waste Haulers

Corresponds to Section 18 of Existing Regulations

Major Changes:

- Records of each pickup and disposal must be maintained and available for review by SNHD if requested.

Chapter 11 – Waivers and Variances

Corresponds to Section 19 of Existing Regulations

Major Changes:

- Provides administrative waiver procedures and allows for deviation from prescriptive requirements if sufficient justification is provided, which will allow SNHD staff to exercise some amount of discretion without needing to bring a variance before the Board of Health.
- Provides for variances as a means of appealing waiver decisions.

Chapter 12 – Enforcement and Penalties

Corresponds to Section 19 of Existing Regulations

Major Changes:

- Describes specific enforcement actions that SNHD can take and under what circumstances.

- Provides for Hearing Officer review of permit revocations, denials, and suspensions, and allows the Director of Environmental Health to review other enforcement actions.

Other Miscellaneous Changes

- Reduces the number of pages from 94 to 50 and the number of sections from 20 to 12 by combining some sections and removing others.
- Incorporates guidance from the EPA and borrows concepts from other states (including Arizona, Colorado, and Texas).
- The formatting, language, and style has been updated to more closely match other SNHD regulations (primarily the Solid Waste Management Regulations) and to incorporate best practices for regulation drafting.
- Language mirroring AB220 was added, prohibiting new ISDS Construction Permits on properties using Colorado River water. An exception is made for repairing or replacing existing ISDS, however, as long as the repair/replacement does not increase the original system's capacity.

Attachment G

ISDS Regulations – Red Line

SOUTHERN NEVADA HEALTH DISTRICT

2025 ~~REGULATIONS GOVERNING~~ INDIVIDUAL SEWAGE DISPOSAL SYSTEMS AND LIQUID WASTE MANAGEMENT REGULATIONS

WHEREAS, the Southern Nevada Health District ~~(SNHD) has been established by the County of Clark and the cities of Las Vegas, North Las Vegas, Henderson, Mesquite, and Boulder City as the~~ is a public health authority ~~for those entities, and~~ organized pursuant to Nevada Revised Statutes (NRS) Chapter 439~~; has~~ with jurisdiction over all public health matters ~~in the health district~~within Clark County, Nevada;

WHEREAS, the Southern Nevada District Board of Health (Board) is the Southern Nevada Health District's governing body ~~of the SNHD,~~ and is authorized to adopt regulations ~~to regulate sewage disposal and liquid waste management in the interest of the public health, and~~ to protect and promote the public health and safety in the geographical area subject to ~~the~~ its jurisdiction ~~of the health district~~, and is specifically authorized to adopt regulations to control the use of residential individual sewage disposal systems within its jurisdiction pursuant to NRS 444.650;

~~WHEREAS, the Board finds that individual sewage disposal systems and liquid waste management impacts the public health, and finds that it is necessary to adopt Southern Nevada Health District Regulations Governing Individual Sewage Disposal Systems and Liquid Waste Management to regulate the construction, operation and servicing of septic tanks and soil absorption systems, or other sewage treatment systems, and liquid waste management; and~~

WHEREAS, in accordance with the authority granted pursuant to NRS Chapter 439 and NRS 444.650, the Board hereby adopts regulations to establish uniform, minimum standards to regulate the planning, design, construction, operation, and maintenance of individual sewage disposal systems, other sewage treatment systems, and liquid waste management in Clark County, Nevada; and

WHEREAS, the Board ~~finds that~~ deems the following ~~Regulations~~ regulations are ~~designed~~ necessary to protect and promote the public health and safety, it does therefore publish, promulgate, and order compliance within Clark County, Nevada with the substantive and procedural requirements hereinafter set forth.

Table of Contents

1-1 Scope 5
1-2 Responsibilities 5
1-3 Definitions 13
Chapter 2 – ISDS Permits 23
2-1 ISDS Construction Permits 23
2-1.01 General Provisions 23
2-1.02 Residential ISDS Construction Permits 24
2-1.03 Commercial ISDS Construction Permits 26
2-1.04 ISDS Inspection Requirements 29

DRAFT

2-2 ISDS Operating Permits 30
2-2.01 General Provisions 30
2-2.02 Issuance 30
2-2.03 Duration and Renewal 30
2-2.04 Modifications 32
2-3 ISDS Maintenance Requirements 33
2-4 ISDS Property Transfer Requirements 36
2-4.01 Inspector Qualifications 37
2-4.02 Inspection Criteria 38
Chapter 3 – Commercial Holding Tank Permits 40
3-1 Holding Tank Permit Applications 41
3-2 Permanent Commercial Holding Tank Permits 41
3-3 Temporary Portable Holding Tank Permits 42
Chapter 4 – Site Evaluation 42
4-1 General Requirements 42
4-2 Site Evaluation Criteria 42
4-3 Determination of Site Suitability 44
4-3.01 Unsuitable Sites 44
4-3.02 Lot Size Requirements 44
4-3.03 Other Site Restrictions 45
Chapter 5 – ISDS Design and Construction Requirements 70
5-1 Performance Requirements 70
5-1.01 Influent and Effluent Standards 71
5-1.02 Alternative Treatment Systems 72
5-2 Design Flow Determination 72
5-2.01 Residential Design Flow Determination 72
5-2.02 Commercial Design Flow Determination 73
5-3 Building Sewer Line 73
5-4 Septic Tank Design and Construction 74
5-5 Effluent Distribution 75
5-5.01 Specific Requirements for Piping Manifolds 76
5-5.02 Specific Requirements for Distribution Boxes 76
5-6 Soil Absorption Systems 76
5-6.01 Soil Absorption System Sizing 76

DRAFT

5-6.02 Soil Absorption System Construction and Installation 78
5-7 ISDS Location and Separation Requirements 79
Chapter 6 – Division and Use of Land 79
6-1 Parcel Maps 79
6-2 Land Use Applications 80
Chapter 7 – Product and Technology Review 81
7-1 When Required 81
7-2 Product Review Applications 81
Chapter 8 – Nitrogen Removal Systems 86
8-1 When Required 86
8-2 Methods for Evaluating the Risk of Groundwater Nitrate Contamination 86
8-2.01 NDEP Septic Density Model 86
8-2.02 Alternative Nitrogen Evaluation Methods 86
8-3 Design and Performance Requirements 87
8-4 Operation and Maintenance Requirements 87
8-4.01 Service Providers 87
8-4.02 Testing Requirements 88
Chapter 9 – Decommissioning of ISDS 102
9-1 When Required 102
9-2 Removal and Abandonment Requirements 102
9-3 Required Documentation 103
Chapter 10 – Liquid Waste Haulers 107
10-1 Permit Requirements 107
10-1.01 Permit Applications 107
10-1.02 Permit Renewal and Modification 107
10-2 Operating Requirements 108
10-3 Disposal Site 108
10-4 Recordkeeping Requirements 108
Chapter 11 – Waivers and Variances 110
11-1 Waivers 110
11-2 Variances 110
11-3 Public Hearing Before the Board of Health 112
Chapter 12 – Enforcement and Penalties 117
12-1 Denial, Suspension, and Revocation of Permits and Other Approvals 118

DRAFT

12-2 Orders 118
12-3 Hearings 119

~~**INTENT AND SCOPE**~~

~~**Intent**~~ ~~The purpose of these Regulations is to protect and promote the public health, safety, and environment through preventative measures and timely correction of public health and environmental issues relating to individual sewage disposal systems and liquid waste management.~~

~~**Scope**~~ ~~These Regulations establish definitions; set standards for the location, design, construction, operation, and maintenance of individual sewage disposal systems; provide for the issuance, modification and revocation of permits.~~

~~These Regulations also set standards for liquid waste management, the operation and permitting of liquid waste haulers; provide for the issuance, modification, suspension and revocation of liquid waste hauler permits.~~

Chapter 1 - General Provisions

1-1 Scope

These Regulations establish definitions; set standards for the location, design, construction, installation, operation, and maintenance of INDIVIDUAL SEWAGE DISPOSAL SYSTEMS (ISDS); set standards for liquid waste management and the operation of LIQUID WASTE HAULERS; and provide for the issuance, modification, transfer, and revocation of ISDS and LIQUID WASTE HAULER permits.

1-2 Responsibilities

(A) Every owner of real property is responsible for:
  (1) Storing, treating, and disposing of wastewater generated on that property;
  (2) Connecting all plumbing fixtures on that property that discharge wastewater to a treatment system approved by the HEALTH AUTHORITY in accordance with these Regulations, to a treatment system approved by the Nevada Division of Environmental Protection (NDEP), or to a COMMUNITY SEWERAGE SYSTEM;
  (3) Obtaining necessary permits and approvals for installation, repair, alteration, and operation of an ISDS; and
  (4) Decommissioning an unused ISDS in accordance with these Regulations.

(B) The issuance of permits or inspection reports by the HEALTH AUTHORITY is not a guarantee or warranty of the operation or effectiveness of an ISDS.

DRAFT

~~PREFACE~~

~~A properly planned, maintained, and installed individual sewage disposal system will:~~

1) ~~Promote the health and welfare of citizens of this Health District by preventing the pollution of ground and surface water.~~

2) ~~Prevent nuisances;~~

3) ~~Eliminate hazards to the public health by minimizing pollution of water supplies and hazards to recreational areas; and~~

4) ~~Minimize disease transmission potential.~~

~~It is the policy of the Southern Nevada Health District, therefore, to eliminate and prevent public health and safety hazards by regulating proper planning, design, construction, operation and maintenance of individual sewage disposal systems. This will be achieved through plan review, the issuance of permits and field surveillance.~~

~~The most satisfactory method of sewage disposal is by connection to a public sewer system. Where such systems exist, every effort should be made to secure sewer extensions. When connection to a public sewerage is not feasible, particularly where a large number of residences are to be served, consideration should be given to the construction of a community sewerage system and treatment plant. Specific information on this matter may be obtained from the Southern Nevada Health District.~~

~~The Southern Nevada District Board of Health having considered and taken into account the geological, hydrological, and topographical characteristics within the area of its jurisdiction, adopts the following Regulations Governing Individual Sewage Disposal Systems and Liquid Waste Management and orders compliance with the terms and provisions thereof which shall become effective upon the date of passage and approval of the Southern Nevada District Board of Health pursuant to its statutory authority as set forth in **Nevada Revised Statute (NRS) 444.650.**~~

DRAFT

TABLE OF CONTENTS

Section 1 GENERAL PROVISIONS
Definitions

1.1 **"Absorption trench" defined.**
1.2 **"Additive" defined.**
1.3 **"Aeration risers" defined.**
1.4 **"Acre site" defined.**
1.5 **"Aerobic bacteria" defined.**
1.6 **"Aerobic wastewater treatment system unit" defined.**
1.7 **"Anaerobic bacteria" defined.**
1.8 **"Alternative absorption system" defined.**
1.9 **"Alternative treatment system" defined.**
1.10 **"Approved water source" defined.**
1.11 **"Backwash" defined.**
1.12 **"Bedrock" defined.**
1.13 **"Biochemical oxygen demand (BOD)" defined.**
1.14 **"Biomat" defined.**
1.15 **"Block wall" defined.**
1.16 **"Cease and desist order" defined.**
1.17 **"Caliche" defined.**
1.18 **"Capacity of septic system" defined.**
1.19 **"Chamber leach field" defined.**
1.20 **"Commercial facility" defined.**
1.21 **"Commercial holding tank" defined.**
1.22 **"Community sewerage system" defined.**
1.23 **"Composting toilet" defined.**
1.24 **"Cone of influence letter" defined.**
1.25 **"Constructed wetland" defined.**
1.26 **"Deep absorption system" defined.**
1.27 **"De-nitrification" defined.**
1.28 **"Distribution box" defined.**
1.29 **"Distribution line" defined.**
1.30 **"District" defined.**
1.31 **"Domestic sewage" defined.**
1.32 **"Dosing tank" defined.**
1.33 **"Drip field" defined.**
1.34 **"Effluent" defined.**
1.35 **"Facultative bacteria" defined.**
1.36 **"Fixture unit (FU)" defined.**
1.37 **"Geo-textile fabric" defined.**
1.38 **"Grinder pump" defined.**
1.39 **"Health Authority" defined.**
1.40 **"Holding tank" defined.**

DRAFT

~~1.41 "Individual sewage disposal system (ISDS)" defined.~~
~~1.42 "Inlet and Outlet tees" defined.~~
~~1.43 "Impervious material" defined.~~
~~1.44 "Influent" defined.~~
~~1.45 "Leach field" defined.~~
~~1.46 "Lift pump" defined.~~
~~1.47 "Lot" defined.~~
~~1.48 "Mound or Septic mound system" defined.~~
~~1.49 "Natural drainage channel" defined.~~
~~1.50 "Nitrogen removal system" defined.~~
~~1.51 "Percolation rate" defined.~~
~~1.52 "Percolation test" defined.~~
~~1.53 "Person" defined.~~
~~1.54 "Pipe and gravel leach field" defined.~~
~~1.55 "Potable water" defined.~~
~~1.56 "Public health hazard" defined.~~
~~1.57 "Repair of ISDS" defined.~~
~~1.58 "Retaining wall" defined.~~
~~1.59 "Right-of-way" defined.~~
~~1.60 "Sand filter septic system" defined.~~
~~1.61 "Sand layer" defined.~~
~~1.62 "Scum" (also referred to as "FOG") defined.~~
~~1.63 "Seepage bed" defined.~~
~~1.64 "Seepage pit" defined.~~
~~1.65 "Septic system" defined.~~
~~1.66 "Septic tank" defined.~~
~~1.67 "Septic tank pumping contractor" defined.~~
~~1.68 "Shall" defined.~~
~~1.69 "Sequencing batch reactor" defined.~~
~~1.70 "Sewage" defined.~~
~~1.71 "Shallow absorption system" defined.~~
~~1.72 "Sludge" defined.~~
~~1.73 "Soil absorption system" defined.~~
~~1.74 "Soil permeability" defined.~~
~~1.75 "Streets" defined.~~
~~1.76 "Structure" defined.~~
~~1.77 "Subsurface drip disposal system (SDD)" defined.~~
~~1.78 "Substantially compliant" defined.~~
~~1.79 "Sweeping Tee" defined.~~
~~1.80 "System failure" defined.~~
~~1.81 "Tenant improvement" defined.~~
~~1.82 "Test hole" defined.~~
~~1.83 "Total nitrogen (TN)" defined.~~
~~1.84 "Total suspended solids (TSS)" defined.~~
~~1.85 "Tree" defined.~~
~~1.86 "Vapor barrier" defined.~~

DRAFT

1.87 **"Wastewater" defined.**
1.88 **"Watercourse" defined.**
1.89 **"Waters of the state" defined.**
1.90 **"Water softener" defined.**
1.91 **"Water table" defined.**
1.92 **"Waterproof" defined.**

Section 2 PERMIT TO CONSTRUCT – APPLICATION REQUIREMENTS
2.2 Residential ISDS Permit
2.3 Commercial ISDS Permit
2.4 Commercial Holding Tank Permit

Section 3 TENANT IMPROVEMENT APPLICATIONS

Section 4 CERTIFICATION OF INDIVIDUAL SEWAGE DISPOSAL SYSTEMS (ISDS)
4.4 ISDS Certification Procedure
4.5 Water Well Certification Procedure

Section 5 LOCATION OF INDIVIDUAL SEWAGE DISPOSAL SYSTEMS
TABLE I Minimum Horizontal Separations

Section 6 SPECIFICATIONS FOR SEPTIC TANKS
6.3 Septic Tank Construction
6.9 Septic Tank Dimensions

TABLE II Estimated Waste / Sewage Flow Rates
TABLE III Quantity of Sewage Flow per Fixture
TABLE IV Septic Tank Capacities

6.11 Inlets and Outlet Tees; Baffles
6.12 Manholes

Section 7 MAINTENANCE AND SLUDGE DISPOSAL

Section 8 DISTRIBUTION BOX

Section 9 EFFLUENT DISPOSAL
9.1 Location and Method
9.2 Pipe and Gravel Leach Fields
9.3 Chamber System Leach Fields
9.4 Seepage Pits
9.5 Subsurface Drip Disposal Systems (SDD)
9.6 Mound Systems
9.7 Absorption Trenches

DRAFT

9.8 Aerobic Treatment Units (ATU)
9.9 Absorption Area
TABLE V Required Absorption Field Area for Pipe and Gravel Leach Fields, Seepage Pits and Trenches

9.9.1 Dosing Tanks

9.10 Sand Layer Requirement

Section 10 NITROGEN REMOVAL SYSTEMS
10.2 Approval of Nitrogen Removal Systems
10.3 NSF Certification
10.4 Design of Nitrogen Removal Systems
10.5 Installation Requirements
10.6 Operation and Maintenance
10.7 Annual Nitrogen Removal System Surveillance
10.8 Revocation of Nitrogen Removal System Permits

Section 11 SPECIFIC LIMITATIONS AND REQUIREMENTS
11.22 Lot Size (s) Requirement

Section 12 SEWER CONNECTION Section 13

INDUSTRIAL WASTES

Section 14 LAND SLOPE REQUIREMENTS
14.2 Supplemental Horizontal Requirements

Section 15 SOIL PERCOLATION RATES AND SOIL CHARACTERIZATION
15.1 Soil Boring and Percolation Tests
15.2 Percolation Test Procedure
15.3 Soil Borings
15.4 Soil Characterization

Section 16 INSPECTION OF INDIVIDUAL SEWAGE DISPOSAL SYSTEMS

Section 17 REMOVAL AND ABANDONMENT OF SEPTIC TANK AND LEACH FIELD
17.2 Abandonment of Septic Tank and Leach Field in Place
17.3 Removal of Septic Tank and Leach Field

DRAFT

~~Section 18 SOLID AND LIQUID WASTES: GENERATED FROM SEPTIC TANK, HOLDING TANK, CHEMICAL TOILET WASTE, OR GREASE INTERCEPTOR TANK OR INEDIBLE KITCHEN GREASE CONTAINERS, AND PUMPING AND HAULING CONTRACTORS (INCLUDING PETROLEUM HYDROCARBON CONTAMINATED WASTE WHICH MAY BE GENERATED BY SAND-OIL-WATER SEPARATORS)~~

~~18.2 Permit Requirements~~
~~18.3 Septic tank waste~~
~~18.4 Chemical toilet waste~~
~~18.5 Holding tank waste~~
~~18.6 Grease interceptor waste~~
~~18.7 Inedible kitchen waste~~
~~18.8 Industrial liquid waste~~
~~18.9 Vehicle identification~~
~~18.10 Vehicle maintenance~~
~~18.11 Portable receptacles~~
~~18.12 Disposal site~~
~~18.13 Record keeping requirements concerning inedible kitchen grease~~
~~18.14 Documentation and filing of reports~~
~~18.15 Automatic shutoffs~~
~~18.16 Suspension or Revocation of Waste Permittees' Permits~~

~~Section 19 HEARING AND APPEALS~~
~~19.2 Application for Variances~~
~~19.3 Notice of Hearing~~
~~19.4 The Hearing~~
~~19.5 Criteria~~
~~19.6 The Order~~
~~19.7 Duration of Variance~~
~~19.8 ISDS Hearing Officer Process~~

~~Section 20 INTERPRETATION AND SEVERABILITY~~

DRAFT

LIST OF FIGURES

FIGURE 1 Typical Plot Plan
FIGURE 2 Two Compartment Tank
FIGURE 2A Individual Sewage Disposal Systems
FIGURE 3 Distribution Box
FIGURE 4 Pipe and Gravel System
FIGURE 5 Chamber System
FIGURE 6 Rectangular Leach Pit
FIGURE 7 Absorption Trench
FIGURE 8 Supplemental Horizontal Requirement
FIGURE 9 Grease Interceptor
FIGURE 10 Sand Layer Detail (Chamber System)
FIGURE 10A Sand Layer Detail (Pipe and Gravel System)
FIGURE 11 Aeration Riser Details
FIGURE 12 Vapor Barrier Details
FIGURE 13 Leach Field Area Requirements

DRAFT

Section 1
GENERAL PROVISIONS

Summary of acronyms and abbreviations of terms used in these Regulations

Board	**Southern Nevada District Board of Health**
EPA	**United States Environmental Protection Agency**
NRS	**Nevada Revised Statutes**
RCRA	**Resource Conservation and Recovery Act**
mg/L	**Milligrams per Liter**
mL	**Milliliters**
SNHD	**Southern Nevada Health District**
NDEP	**Nevada Division of Environmental Protection**

Definitions. As used in these Regulations, unless the context otherwise requires, the following words and terms defined have the meanings ascribed to them in this document as they pertain to individual sewage disposal systems (ISDS).

1-3 Definitions

The following definitions will apply in the interpretation and application of these Regulations:

1.1 **"Absorption trench" defined.** A system of soil absorption using a trench not over thirty- six inches (36") in width with a minimum of eighteen inches (18") of clean, coarse aggregate under a distribution pipe and covered with a minimum of twelve inches (12") of earth cover, that utilizes the soil for subsequent absorption and treatment of septic tank effluent. The maximum length of perforated pipe shall be one hundred feet (100') per trench

1.2 **"Additive" defined**. Also referred to as septic additive, septic chemical, septic treatment, septic tank additive: A septic additive is a chemical, bacteria, or other product sold to be placed into a septic tank or septic absorption system, purportedly to improve the function of the system, improve leach field performance, avoid septic tank pumping, or other repair or maintenance need. The use of additives in septic systems in Clark County is not recommended.

1.3 **"Aeration risers" defined**.

- With a Pipe and Gravel Leach Field:
  Pipes extending from the end of perforated pipes vertically with a solid 90 degree bend and a solid pipe to perforated pipes within 12" of the surface encased in a 24" x 24" x 24" cube with ½" to 2 ½" gravel.

- With a Chamber Leach Field:
  Pipes extending from the top of chambers vertically with solid 90 degree bend and a solid pipe to perforated pipes within 12" of the surface encased in a 24" x 24" x 24" cube with ½" to 2 ½" gravel.

DRAFT

~~1.4 **"Acre site" defined**. This consists of 43,560 square feet of land and includes any public streets, alleys, rights-of-way, and easements.~~

~~1.5 **"Aerobic bacteria" defined**. Bacteria that require free dissolved oxygen for growth.~~

~~1.6 **"Aerobic wastewater treatment system unit" defined.** This is a chamber that receives sewage and through oxidation, decomposes the sewage by the mechanical (pump) introduction of air into the wastewater to reduce both the level of total suspended solids and the level of biological oxygen demand to thirty (30) milligrams or less per liter.~~

~~1.7 **"Anaerobic bacteria" defined**. Bacteria that grow only in the absence of free dissolved oxygen. Bacteria that obtain oxygen from breaking down complex organic substances.~~

~~1.8 **"Alternative absorption system" defined.** This is a system other than an absorption trench that uses the native soil for the subsequent absorption and treatment of effluent from a primary treatment unit. The term includes, without limitation, a capping fill trench, composting toilet, constructed wetlands, stepped absorption system utilizing relief lines, subsurface drip disposal system, sand filter and elevated mound system, and any other system not addressed in these Regulations.~~

~~1.9~~ **ALTERNATIVE TREATMENT SYSTEM** ~~**"Alternative treatment system" defined.** A~~ means a system or a receptacle other than a septic tank that is designed and constructed to receive the discharge of SEWAGE from a building sewer~~,~~; partially or completely treat such SEWAGE~~,~~; and discharge EFFLUENT for final disposal.

~~1.10 **"Approved water source" defined**. An individual sewage disposal system permit or tenant improvement approval cannot be issued without a guarantee of potable water from a municipal source or a well in good standing with the Nevada Division of Water Resources.~~

~~1.11 **"Backwash" defined.** This is normally highly concentrated wastewater generated from the cleaning of water and wastewater treatment filters. Backwash from pools and water softeners into the septic system is prohibited.~~

~~1.12 **"Bedrock" defined**. Bedrock is defined as materials which generally cannot be excavated with normal power-excavating equipment. In the case of badly creviced sandstone or granite, andesite, etc., and for limestone or shale, bedrock is considered to be present when fifty percent (50%) of the material has rock-like characteristics even though it can be excavated. Cemented soils, sometimes termed as caliche, occurring in layers and lenses with soil found below the cemented deposit shall not be defined as bedrock.~~

AS-BUILT means a drawing documenting the final location, size, and type of all major ISDS components.

~~1.13 **"Biochemical Oxygen Demand (BOD)" defined.** This is the difference between the initial dissolved oxygen in a sample and the dissolved oxygen in a duplicate sample after a stated period of time, usually over a period of five (5) days.~~

~~1.14 **"Biomat" defined.** A biological layer formed by anaerobic bacteria. They secrete a gluey~~

DRAFT

~~substance to anchor themselves to the soil or rock particles.~~

~~1.15 **"Block wall" defined.** A free standing wall constructed with concrete masonry unit (CMU) block and a concrete foundation.~~

~~1.16 **"Cease and desist order" defined.** A **Cease and Desist Order** is a written Order issued by the Health Authority which directs the responsible person to stop causing or allowing a violation of these or any applicable Regulations on a property. As specified in the **Cease and Desist Order,** a timeframe to achieve compliance with the Order may be included.~~

~~1.17 **"Caliche" defined.** This is a hardened deposit of calcium carbonate. This calcium carbonate cements together other materials, including gravel, sand, clay, and silt.~~

~~1.18 **"Capacity of septic system" defined.** This is the maximum volume of wastewater a septic system is designed to be capable of handling.~~

~~1.19 **"Chamber leach field" defined.** A chamber leach field is an absorption field consisting of leaching chambers. A leaching chamber is a wastewater treatment system consisting of beds, together with one or more distribution pipes or open-bottomed plastic chambers, installed in appropriate soils. These chambers receive wastewater flow from a septic tank or other treatment device and transmit it into soil for final treatment and disposal.~~

~~1.20~~ **COMMERCIAL FACILITY** ~~**"Commercial facility" defined.** Any structure or building(s), mobile home parks or any portion thereof, other than a residential single family dwelling or residential accessory structure, as defined by the Building Department.~~ has the meaning ascribed to it in NAC 445A.9522.

~~1.21 **"Commercial holding tank" defined.** This is a non-residential, above ground holding tank for the containment of wastewater on a temporary basis and must be pumped periodically.~~

~~1.22~~ **COMMUNITY SEWERAGE SYSTEM** ~~**"Community sewerage system" defined.**~~ means a~~Any~~ system owned ~~and~~ or operated, or both, by a public entity such as a general improvement district~~s~~, sanitation district~~s~~, city, county, or state government~~s~~.

~~1.23 **"Composting toilet" defined.** A manufactured turnkey or kit form treatment technology that receives human waste from a waterless toilet directly into an aerobic composting chamber where dehydration and biological activity reduce the waste volume and the content of nutrients and harmful microorganisms to an appropriate level for later disposal.~~

~~1.24 **"Cone of influence letter" defined.** A letter signed and sealed by a State of Nevada registered professional engineer stating the separation distance, leach field depth if applicable, and that the stress influence of the building foundation will not adversely affect the leach field and/or septic tank and the stress influence of the leach field and/or septic tank will not adversely affect the building foundation. This letter is required when the setbacks to the building foundation are closer than minimum requirements stated in these Regulations.~~

DRAFT

1.25 **"Constructed wetland" defined.** This is an engineered wastewater treatment system designed to simulate natural wetlands. This wetland consists of former upland environments that have been modified to create poorly drained soils and wetlands flora and fauna for the primary purpose of wastewater treatment.

1.26 **"Deep absorption system" defined**. A leach field developed to a depth of more than fifty-four inches (54") below the final grade.

1.27 **"De-nitrification" defined.** This is the systematic removal of nitrogen from wastewater, which normally involves anaerobic bacteria.

1.28 **DISTRIBUTION BOX** **"Distribution box" defined.** A means a watertight structure, which receives sewageSEWAGE from a septic tank SEPTIC TANK and distributes such sewageSEWAGE in theoretically equal portions to pipelines leading to the disposal area.

1.29 **DISTRIBUTION LINE** **"Distribution line" defined.** Pipe used for dispersion of septic tank effluent into leach fields. means a pipe, series of connected leaching chambers, or an equivalent alternative method or technology used for dispersion of SEPTIC TANK EFFLUENT into a SOIL ABSORPTION SYSTEM.

1.30 **"District" defined.** The term "District" shall mean the Southern Nevada Health District.

1.31 **DOMESTIC WASTEWATER** **"Domestic sewage" defined**. The means liquid and waterborne wastes derived from ordinary living processes, free from INDUSTRIAL WASTES, normally discharged from or similar to those discharged from plumbing fixtures, appliances, and other devices dedicated to, but not limited to, sanitary, bath, laundry, dishwashing, garbage disposal, water conditioning, and cleaning purposes.and of such character as to permit satisfactory disposal without special treatment into the public sewer or by means of an individual sewage disposal system.

1.32 **"Dosing tank" defined.** A watertight receptacle located between a septic tank and a disposal area equipped with an automatic siphon device or pumps designed to discharge sewage intermittently in the distribution lines in amounts proportioned to the capacity of such lines and provide adequate rest periods between such discharges.

1.33 **"Drip field" defined**. This is the disposal field for treated wastewater in subsurface drip disposal systems.

1.34 **EFFLUENT** **"Effluent" defined**. This is a means partially or completely treated SEWAGE that flows out of a SEPTIC TANK or an ALTERNATIVE TREATMENT SYSTEM.

1.35 **"Facultative bacteria" defined.** Bacteria that have the ability to live under both aerobic and anaerobic conditions.

1.36 **"Fixture unit (FU)" defined.** A fixture unit (FU) is equal to one cubic foot (1 ft^3) of wastewater per minute, equal to 7.5 gallons per minute. A fixture unit is not a flow rate unit but a design factor.

DRAFT

~~1.37 **"Geo-textile fabric" defined.** These are permeable fabrics which, when used in association with sand, have the ability to separate, filter, reinforce, protect, or drain.~~

~~1.38 **"Grinder pump" defined.** This is a macerating pump capable of grinding up sewage, including the solid waste, so that the waste product can be pumped at pressure to a treatment system. These can be found in basements where the waste is then lifted to the surface under pressure.~~

~~1.39~~ **HEALTH AUTHORITY** ~~**"Health authority" defined.**~~ means ~~The~~the officers and agents of the Southern Nevada Health District ~~Officer or his designee~~.

HEALTH HAZARD means any biological, physical, or chemical exposure, condition, or public nuisance that may adversely affect the health of an individual.

~~1.40~~ **HOLDING TANK** ~~**"Holding tank" defined.**~~ means a~~A~~ watertight, covered receptacle that is designed and constructed to receive the discharge of SEWAGE ~~sewage~~ from a building sewer and temporarily store that SEWAGE ~~sewage~~ until the SEWAGE ~~sewage~~ is removed by a LIQUID WASTE HAULER ~~septic tank pumping contractor~~.

~~1.41~~ **INDIVIDUAL SEWAGE DISPOSAL SYSTEM (ISDS)** ~~**"Individual sewage disposal system (ISDS)" defined.**~~ means a~~A~~ single system for the treatment and disposal of ~~domestic sewage~~ DOMESTIC WASTEWATER by means of a ~~septic tank~~ SEPTIC TANK or ALTERNATIVE TREATMENT SYSTEM and a SOIL ABSORPTION SYSTEM~~soil absorption system~~.

~~1.42 **"Inlet and Outlet tees" defined.** These are devices on the inlet and outlet ports of a septic tank. The sanitary tee pipe at the tank inlet slows the incoming rush of influent to prevent disturbance to the scum layer and reduce turbulence. The sanitary tee pipe located at the tank's outlet keeps solids, scum and grease from leaving the tank and entering the soil absorption system. These must be in place at the time of inspection by the Health Authority.~~

~~1.43 **"Impervious material" defined.** This is a material having a percolation rate greater than sixty (60) minutes per inch.~~

INDUSTRIAL WASTE has the meaning ascribed to it in NAC 445A.9546.

INFILTRATIVE SURFACE means the interface where EFFLUENT moves from DISTRIBUTION LINES into treatment media or native soil.

~~1.44~~ **INFLUENT** ~~**"Influent" defined.** This is~~ means untreated, partially treated, or completely treated wastewater~~, partially or completely treated, or in its natural state,~~ flowing into a SEPTIC TANK, HOLDING TANK, or other treatment ~~unit~~, or disposal unit.

~~1.45 **"Leach field" defined.** This is a soil absorption system involved in the treatment of wastewater.~~

~~1.46 **"Lift pump" defined.** A lift pump is used to move liquid effluent from a lower pumping chamber or effluent tank to a higher level tank or possibly out of an effluent tank up to a soil~~

DRAFT

~~absorption system.~~

~~1.47 **"Lot" defined.** A distinct parcel of land assigned its own Assessor's Parcel Number (APN). The term does not include a parcel of land used or intended solely for use as a location for a water well.~~

~~1.48 **"Mound or Septic mound system" defined.** An effluent treatment disposal system composed of fill and a network of perforated pipes in which effluent treatment occurs within the filled bed. This is also called the Wisconsin Mound System.~~

~~1.49 **"Natural drainage channel" defined.** Canyons, swales or depressions upon and over which storm waters are sometimes transported. They may sometimes be, and generally are, dry.~~

LIMITING CONDITION means any subsurface layer or material that will severely limit the capability of the soil to treat or absorb SEWAGE, including, but not limited to, WATER TABLES, fractured or fissured bedrock, excessively permeable material, and relatively impermeable material.

LIQUID WASTE HAULER means any PERSON engaged in the operation of removing and disposing of the solid and liquid contents of SEPTIC TANKS, HOLDING TANKS, grease traps, grease interceptors, nonsewered toilets, or other SEWAGE treatment or disposal units.

LONG-TERM ACCEPTANCE RATE (LTAR) means a design parameter that expresses the rate at which EFFLUENT enters the INFILTRATIVE SURFACE of a SOIL ABSORPTION SYSTEM at equilibrium.

~~1.50~~**NITROGEN REMOVAL SYSTEM** ~~**"Nitrogen removal system" defined.** A~~ means a system that receives SEWAGE, and through biological denitrification, chemical reduction, or ion exchange, reduces the average TOTAL NITROGEN concentration in the treated EFFLUENT~~to less than or equal to ten (10) milligrams per liter or parts per million~~.

~~1.51 **"Percolation rate" defined.** The relatively constant rate, calculated in minutes per inch, at which clear water maintained at a constant depth that seeps out of a standard-size test hole that has been previously saturated.~~

~~1.52 **"Percolation test" defined.** This is a procedure to measure the percolation rate.~~

~~1.53~~ **PERSON** ~~**"Person" defined.** An~~ means an individual, firm, partnership, association, corporation, company, governmental entity, club, or organization of any kind.

~~1.54 **"Pipe and gravel leach field" defined.** This is an absorption field utilizing perforated pipes and infiltration of wastewater over ½" to 2 ½" gravel.~~

~~1.55~~ **POTABLE WATER** ~~**"Potable water" defined.** Water~~ means water that is satisfactory for drinking, culinary, ablutionary, and other domestic purposes and which meets the applicable requirements of the HEALTH AUTHORITY relating to potable water.

PUBLIC WATER SYSTEM has the meaning ascribed to it in NRS 445A.235.

~~1.56~~~~**"PUBLIC HEALTH HAZARD" defined.** For the purpose of these Regulations, a condition whereby there are sufficient types and amounts of biological, chemical, or~~

DRAFT

~~physical agents relating to wastewater or SEWAGE which are likely to cause human illness, disorders, or disability. These include, but are not limited to, pathogenic viruses and bacteria, parasites, toxic chemicals and radioactive isotopes. A malfunctioning individual sewage disposal system constitutes a public health hazard.~~

~~1.57 **"Repair of ISDS" defined.** At the discretion of the Health Authority, the repair of an individual sewage disposal system is any action that allows for the unrestricted movement of effluent, which includes: the flushing and unplugging of solid pipes, installation and repair of inlet and outlet tees, and the removal and replacement of solid pipes only. Repairs include, without limitation: adding a distribution box, adding a riser for septic tank lid (s), septic tank lid replacements, centering connection to manifold (header line), adding an end cap to leach line(s), and the installation of aeration risers. Repair work does not require the issuance of an ISDS permit; however, an inspection by the Health Authority at the applicable fee may be required (see **Section 16**).~~

~~1.58 **"Retaining wall" defined.** A wall constructed to hold back at least three (3) corrugated masonry units (CMUs) high of soil or rock from a building, structure or area. Retaining walls prevent downslope movement or erosion and provide support for vertical or near- vertical grade changes.~~

~~1.59 **"Right-of-way" defined.** Includes all public and private rights-of-way and shall include all areas required for public use in accordance with any master plan or parts thereof.~~

~~1.60 **"Sand filter septic system" defined.** This is a wastewater treatment system in which the septic tank or aerobic unit effluent is intermittently spread across the surface of a bed of sand through a network of distribution lines.~~

~~1.61 **"Sand layer" defined.** This is a layer of sand at least two feet (2') thick of fine or loamy sand with geo-textile fabric lining the bottom and sides, placed below a leach field when the soil percolation rate is less than one (1) minute per inch.~~

~~1.62 **"Scum" defined.** Also referred to as "FOG" – fats, oils, and grease. This is a mass of sewage solids floating on the surface of wastes in a septic tank which is buoyed up by entrained gas, grease, or other substances.~~

~~1.63 **"Seepage bed" defined.** A trench or bed not containing a minimum of twenty-four inches (24") of clean, coarse aggregate and a system of distribution piping through which treated sewage may seep into the surrounding soil.~~

~~1.64 **"Seepage pit" defined.** An underground receptacle with manhole cover brought to the surface for observation and cleaning purposes to insure the disposal of septic tank effluent by soil absorption through its walls and bottom.~~

~~1.65 **"Septic system" defined.** See definition of **"Individual sewage disposal system (ISDS)"**~~

~~1.66~~ **SEPTIC TANK** ~~**"Septic tank" defined.** A~~ means a watertight, covered receptacle designed and constructed to receive the discharge of SEWAGE from a building sewer, to separate solids from the liquid, to digest organic matter, and to store digested solids through a period of

DRAFT

detention and to allow the clarified liquids to discharge for final disposal. ~~reservoir or tank which receives raw sewage, and by bacterial action and sedimentation, affects a process of clarification and decomposition of solids.~~

~~1.67 **"Septic tank pumping contractor" defined.** Any person engaged in the operation of removing and disposing of the solid and liquid contents of septic tanks, holding tanks or other sewage treatment or disposal facilities.~~

~~1.68 **"Shall" defined.** A mandatory requirement except when modified by action of the Health Authority on the basis of justifying facts submitted as part of plans and specifications for a specific installation.~~

~~1.69 **"Sequencing batch reactor" defined.** A sequencing recycling batch reactor, (SRBR®) is a form of an SBR that normally contains 2 or more tanks in series to help improve the quality of treatment and response to varying loading conditions usually encountered for small systems.~~

~~1.70~~ **SEWAGE** ~~**"Sewage" defined.** The water-carried wastes created in and to be conducted away from residences, industrial establishments and public buildings.~~ means a combination of the liquid or water-carried wastes carried by pipes from residences, business buildings, institutions, and industrial establishments.

~~1.71 **"Shallow absorption system" defined.** A leach field having a depth of fifty-four inches (54") or less below final grade shall be termed a shallow absorption system.~~

~~1.72 **"Sludge" defined.** This is the accumulation of solids which have settled in a septic tank or a sewage holding tank.~~

~~1.73~~ **SOIL ABSORPTION SYSTEM** ~~**"Soil absorption system" defined.** Any~~ means any system that utilizes the soil for subsequent absorption ~~of treated sewage, such as an absorption trench, seepage bed or a seepage pit~~and treatment of EFFLUENT.

~~1.74 **"Soil permeability" defined.** This is the rate of wastewater movement through saturated soil in inches per hour.~~

~~1.75 **"Streets" defined.** Streets include avenues, boulevards, roads, lanes, alleys, viaducts, public easements and rights-of-ways.~~

~~1.76 **"Structure" defined.** A structure is something built or constructed. A structure is synonymous with a building and has columns that support a roof.~~

~~1.77 **"Subsurface drip disposal system (SDD)" defined.** This is a shallow, pressure-dosed, slow-rate, underground disposal system for treated wastewater, utilizing drip technology. It uses several hundred or thousand dosing points equally. Disposal of wastewater above the ground surface is prohibited.~~

~~1.78 "**Substantially compliant" defined.** At the discretion of the Health Authority, this is less than or equal to a 10% variation from the required measurement or area, excluding structure, property line, and drinking water well setback requirements.~~

DRAFT

~~1.79 **"Sweeping Tee" defined.** This is a tee fitting that allows direct flow in one direction by the use of an internal baffle. Sweeping Tees are prohibited.~~

~~1.80 **"System failure" defined.** Sewage effluent exceeds the infiltration capacity of the soil resulting in noxious odors, and ponding.~~

~~1.81 **"Tenant improvement" defined.** This is a revision to an ISDS permit issued by the Health Authority for the construction of a structure or the remodel of an existing structure prior to the issuance of a building permit.~~

~~1.82 **"Test hole" defined.** A test hole is ground penetration for the purpose of geotechnical, geophysical or geologic investigation. For the purpose of these Regulations, it is used to determine the depth of groundwater. There must be a five feet (5') minimum vertical separation between the groundwater table and the bottom of the soil absorption system.~~

~~1.83 **"Total nitrogen**~~**TOTAL NITROGEN (TN)**~~**" defined.**~~ means ~~The~~ the sum of the total Kjeldahl nitrogen (TKN), nitrate (NO_3), and nitrite (NO_2) in a sample, expressed as mg/L as nitrogen~~wastewater is comprised of dissolved inorganic and organic nitrogen and particulate organic and inorganic nitrogen, minus nitrogen gas~~.

~~1.84 **"Total Suspended Solids (TSS)" defined.** These are particles that are not dissolved in solution.~~

~~1.85 **"Tree" defined.** A tree is a plant having a main stem or trunk, including palm trees.~~

~~1.86 **"Vapor barrier" defined.** This is a one foot wide trench to the depth of the leach field, lined with 10 mL or greater of visqueen and filled with utility sand.~~

~~1.87 **"Wastewater" defined.** See definition of **"Sewage"**~~

~~1.88 **"Watercourse**~~**WATERCOURSE**~~**" defined.** Any channel through which water flows, or any stream of water such as a river, a brook or an underground stream. The term does not include intermittent natural streams or washes which have no lasting effect on the bacteriological process in the soil which could change the process from predominantly aerobic to predominantly anaerobic.~~means the bed or channel of a waterway. The term includes, without limitation, a river, creek, stream, pond, or lake, but does not include an irrigation ditch or drainage channel.

~~1.89 **"Waters of the state" defined.** Per NRS 445A.415, these are all waters situated wholly or partly within or bordering upon this State, including but not limited to: all streams, lakes, ponds, impounding reservoirs, marshes, watercourses, water ways, wells, springs, irrigation systems and drainage systems; and all bodies or accumulations of water, surface and underground natural or artificial.~~

~~1.90 **"Water softener" defined.** Water softeners remove unwanted minerals from the water supply using one of several methods such as ion exchange, producing a brine waste stream. The Health Authority does not recommend the discharge of water softener backwash brine into the septic system.~~

DRAFT

~~1.91~~ **~~"Water table~~WATER TABLE~~" defined.~~** ~~This is~~ means the level in saturated soil at which the hydraulic pressure is zero.

~~1.92 **"Waterproof" defined.** Coated with a material to prevent permeation by water.~~

DRAFT

~~**Section 2**~~
~~**PERMISSION TO CONSTRUCT – PERMIT APPLICATIONS**~~

~~2.1 In cities, political subdivisions and in all unincorporated areas within the District's boundaries, prior permission to construct, alter or extend an ISDS shall be obtained from the District. This permission shall be required before any building permit or certificate of occupancy can be issued for any structure to be served by an individual sewage disposal system.~~

Chapter 2 – ISDS Permits

2-1 ISDS Construction Permits

2-1.01 General Provisions

(A) A PERSON must not construct, alter, repair, replace, or expand an ISDS without a valid ISDS Construction Permit issued by the HEALTH AUTHORITY, except for emergency repairs that meet the following conditions:
  (1) The repairs are necessary to prevent an imminent HEALTH HAZARD;
  (2) The repairs are limited to restoring the ISDS to its most recently permitted state, or in the case of unpermitted ISDS, to a condition necessary to prevent a HEALTH HAZARD until the ISDS can be permitted or decommissioned in accordance with **Chapter 9** of these Regulations; and
  (3) The property owner or the property owner's representative notifies the HEALTH AUTHORITY within 48 hours of commencing repair activities.

(B) The following activities do not require an ISDS Construction Permit:
  (1) Adding a riser to a SEPTIC TANK lid;
  (2) Cleaning or replacing subcomponents such as switches, valves, pumps, or filters;
  (3) Inspecting or pumping a SEPTIC TANK; or
  (4) Locating a SEPTIC TANK for inspection or pumping.

(C) An ISDS Construction Permit will become invalid if the proposed construction, alteration, repair, replacement, or expansion of the ISDS is not started within 12 months of the date of issuance, and completed within 12 months after it has started.

(D) If an ISDS Construction Permit has expired or become invalid, installation must not be commenced or completed until a new ISDS Construction Permit is obtained.

(E) A Commercial ISDS Construction Permit is required for the construction, alteration, repair, replacement, or expansion of an ISDS that serves or will serve a COMMERCIAL FACILITY and is within the jurisdiction of the HEALTH AUTHORITY in accordance with the most current Memorandum of Agreement between the HEALTH AUTHORITY and NDEP.

(F) An ISDS Construction Permit shall be denied if:
  (1) The HEALTH AUTHORITY determines that the proposed ISDS will not comply with these Regulations;
  (2) The parcel on which the ISDS will be installed uses or will use the waters of the Colorado River distributed by the Southern Nevada Water Authority or one of the member agencies of the Southern Nevada Water Authority, except that an ISDS Construction Permit may be issued for the repair of an existing ISDS when the repair does not increase the capacity of the ISDS;

DRAFT

(3) A COMMUNITY SEWERAGE SYSTEM is available within 400 feet of the nearest property line, can be accessed by a gravity flow line, and is accessible per the sewer authority of jurisdiction;

(4) The proposed ISDS will be located within a Nitrogen Restricted Area, as designated by the Nevada Division of Environmental Protection (NDEP) pursuant to NAC 445A.9606; or

(5) The ISDS is not within the jurisdiction of the HEALTH AUTHORITY in accordance with the most current Memorandum of Agreement between the HEALTH AUTHORITY and NDEP.

~~2.2 **Residential ISDS Permit**. The Health Authority may require additional information on a case-by-case basis to fulfill the requirements for all septic system permit applications. The septic system permit application shall include the following:~~

~~2.2.1 An application to the Health Authority constitutes the submittal of **all** of the requirements for the permit sought. This includes, without limitation: a plot plan, with the north directional arrow, drawn to an engineer or architect's scale including the dimensions of lot lines, land area available, applicable street names, easements, driveway, and topography. The plot plan shall also locate the proposed individual sewage disposal system with reference to distances of separation from water supply line(s), water meter, watercourse, wash, flood control way, fire hydrant(s), well(s), building(s), structure(s), retaining wall(s), block wall(s), tree(s), proposed swimming pool, spa, pool equipment and property lines. The plot plan must include the distance to the nearest sewer line, if the community is served by public sewer.~~

~~2.2.2 The submittal shall include soil characteristics, depth to water table or bedrock, if soil percolation rate submitted is lower than the standard used which is fifteen minutes per inch (15 min/inch), and plumbing fixture units.~~

~~2.2.3 The submittal shall include the recorded deed for the property and a full-sized parcel map or subdivision map as recorded with the Clark County Recorder's Office.~~

~~2.2.4 The application shall not be processed without proof of an approved water source, which includes, without limitation, a letter from a municipal water agency (if not served by the Las Vegas Valley Water District) stating that the property will be served with water, or a well driller's report and approval by the Nevada Division of Water Resources.~~

~~2.2.5 The application shall not be processed without an inquiry response from the municipal sewer agency within jurisdiction of the property or from the Public Works Department setting forth whether the property fits the criteria to connect the public system.~~

2-1.02 Residential ISDS Construction Permits

DRAFT

(A) The property owner or the property owner's representative must apply to the HEALTH AUTHORITY for a Residential ISDS Construction Permit in a manner or form approved by the HEALTH AUTHORITY.

(B) A Residential ISDS Construction Permit application may require any or all the following information, without limitation:

(1) The recorded deed for the property on which the ISDS construction, alteration, repair, replacement, or expansion is proposed;

(2) A full-size parcel map, subdivision map, or record of survey as recorded with the Clark County Recorder's Office, or a map or plat prepared and stamped by a professional land surveyor;

(3) Proof of an approved potable water source that meets applicable federal, state, and local standards for water quality and quantity, which must be demonstrated by:

(a) A written water commitment from a PUBLIC WATER SYSTEM stating that the property will be served with water, except as otherwise provided by **Subsection 2-1.01(F)(2)**; or

(b) A well driller's report, approval by the Nevada Division of Water Resources (NDWR), and water quality analysis.

i. Samples must be collected directly from the well or other water source, before the water enters any distribution, filtration, or treatment system.

ii. The water must be tested for the analytes typically included in a routine domestic water panel, unless otherwise required by the HEALTH AUTHORITY.

iii. Testing must be performed by a laboratory that is certified by NDEP to test for the analytes specified.

(4) Documentation from the COMMUNITY SEWERAGE SYSTEM with nearby sewer infrastructure stating whether the property meets its criteria to connect to the sewer system;

(5) A complete Site Evaluation in accordance with **Chapter 4** of these Regulations;

(6) A nitrogen evaluation in accordance with **Chapter 8** of these Regulations.

(7) A floor plan showing all plumbing fixtures;

(8) A plot and grading plan, which must include, without limitation:

(a) The title and date of the plan;

(b) A map of the area in which the ISDS will be located that shows the location of the roads and streets;

(c) The dimensions of the lot on which the ISDS will be located;

(d) The direction of north clearly indicated;

(e) The scale to which the plan is drawn (e.g., 1 inch = 30 feet);

(f) Each component of the ISDS, which must be properly marked and located at specified distances, in feet;

(g) The capacity of the SEPTIC TANK or other storage or treatment unit;

(h) The treatment area of the SOIL ABSORPTION SYSTEM;

(i) The location and depth of each proposed or actual well, including the depth of casing and surface grout seal;

(j) The location of each percolation test hole, excavated pit, or boring test hole;

(k) The location of the water supply lines, building sewer lines, and other underground utilities;

DRAFT

(l) The location of all buildings, paved areas, driveways, trees, patios, pools, block walls, retaining walls, and other structures;
(m) The location and distance to wells and ISDS on surrounding lots, or if the lots are vacant the plot plan must so indicate;
(n) The distance within 500 feet to any WATERCOURSE, including, without limitation, any pond, lagoon, or stream, or if there are none the plot plan must so indicate; and
(o) The distance to public and private sewer lines, or if there are none the plot plan must so indicate; and

(9) Any other information requested by the HEALTH AUTHORITY.

2-1.03 Commercial ISDS Construction Permits

(A) The issuance of a Commercial ISDS Construction Permit from the HEALTH AUTHORITY will be in conformance with the most current Memorandum of Agreement signed with NDEP.

(B) The property owner or the property owner's representative must apply to the HEALTH AUTHORITY for a Commercial ISDS Construction Permit in a manner or form approved by the HEALTH AUTHORITY.

(C) In addition to all items specified in **Subsection 2-1.02(B)**, inclusive, the Commercial ISDS Construction Permit application must include, without limitation:
(1) A statement regarding the relationship of the property to the 100-year flood plain, signed and sealed by a State of Nevada registered professional engineer;
(2) If the COMMERCIAL FACILITY will discharge anything other than DOMESTIC WASTEWATER to the ISDS:
(a) Information related to wastewater characteristics and strength;
(b) Design computations for interceptors;
(c) Any other information required under **Section 5-1**; and
(d) Any other information requested by the HEALTH AUTHORITY.

(D) In addition to all items specified in **Subsection 2-1.02(B)(7)**, inclusive, the plot and grading plan for a Commercial ISDS must include, without limitation:
(1) Finished grade contour elevations;
(2) Invert elevations for all plumbing relating to the ISDS;
(3) A permanent barrier to prevent vehicular access and/or traffic over the ISDS, unless the proposed tank is traffic-rated;
(a) A tank will be considered traffic-rated if it meets the AASHTO H-20 design loading criteria or a more restrictive standard.
(b) If a traffic-rated SEPTIC TANK is proposed, the SEPTIC TANK detail must be submitted.
(4) Parking lots, including bumpers; and
(5) A seal and signature from a State of Nevada registered professional engineer.

(E) COMMERCIAL FACILITIES that are subject to other regulations adopted or enforced by the HEALTH AUTHORITY may be required to obtain additional approval from the HEALTH AUTHORITY before issuance of a Commercial ISDS Construction Permit.

(F) All computations related to the design of the ISDS must be available for review by the HEALTH AUTHORITY upon request.

~~2.2.6 For food establishments, childcare facilities and any other facility requiring Plan Reviews from other Health District sections, the floor plan(s) must first be approved by the District's Plan Review Section, prior to submission for a commercial ISDS permit. Floor plans submitted should be signed and~~

DRAFT

dated by the assigned Plan Review person.

2.2.7 The plot plan, showing finished grade contour elevations, must be signed and sealed by a State of Nevada registered professional engineer.

2.2.8 The plot plan must include invert elevations for all plumbing relating to the septic system.

2.2.9 The plot plan must include a permanent barrier to prevent vehicular access and/or traffic over the septic system. If a traffic-rated septic tank is proposed, the septic tank detail must be submitted.

2.2.10 Parking lots must be shown, along with bumpers (if applicable).

The mechanical plumbing plans for condensate waste lines / evaporative cooler overflow lines must drain indirectly to the septic system through a sand/oil or similar interceptor. If a closed air conditioning (AC) unit is proposed, with no condensate to be drained, then a note to that effect must be included on the mechanical plumbing plan that is signed and sealed by the engineer.

2.2.11 A statement either on the plot plan or on letterhead, signed and sealed by a State of Nevada registered professional engineer regarding the relationship of the property to the 50-year flood plain.

2.2.12 Each commercial building with plumbing requires its own septic system.

2.2.13 Commercial ISDS permits will be approved for the treatment of human waste only. No chemical waste shall be allowed to enter the ISDS. Any transfer of a property with a commercial ISDS must have the approval of the Health Authority for continued use.

2.2.14 A commercial water supply well per the Nevada Division of Water Resources is required for all commercial ISDS permits.

2.3 **Commercial Holding Tank Permit.** The issuance of a commercial holding tank permit from SNHD shall be in conformance with the most current Memorandum of Agreement signed with the Nevada Division of Environmental Protection (NDEP).A commercial holding tank permit shall only be installed on non-residential properties on a temporary basis. The maximum length of time for a commercial holding tank permit shall be twelve (12) months from the date of issuance. The application requirements for commercial holding tanks shall include:

2.3.1 The legal description of the property, tax assessor's parcel number (APN), recorded deed, and a map of the site with a north directional arrow indicating the nearest street intersection.

2.3.2 A plot plan, signed and sealed by a State of Nevada registered professional engineer, drawn to an engineer or architect's scale showing the proposed

DRAFT

location of the holding tank (along with the tank capacity), modular/trailer or temporary structure, water meter, water lines (s), sewer line (s) with invert elevations, and parking area.

2.3.3 A floor plan showing all plumbing fixtures.

2.3.4 A letter from the applicant requesting the permit, including the following: the location of the property, reason for the request, time frame anticipated (12 months maximum).

2.3.5 An inquiry response from the municipal sewer agency within the jurisdiction of the property or from the Public Works Department setting forth whether the property fits the criteria to connect to the public system.

2.3.6 A copy of a contract with a Health Authority approved liquid waste hauler.

2.3.7 A copy of a water meter receipt or a water service application acknowledgement from the water utility within the jurisdiction of the property. If the property will be served by a well, a copy of the well driller's log including the Nevada Division of Water Resources permit number is required. The water supply from the well must be approved by the Nevada Division of Water Resources for the commercial holding tank permit. Water connection to the modular/trailer or temporary structure must be completed prior to inspection from Health Authority.

2.3.8 Inspection of the commercial holding tank shall be according to the inspection requirements in **Section 16** of these Regulations.

2.3.9 **Commercial Re-submittal Fee.** If all items are not submitted to the Health Authority for the processing of a commercial ISDS or commercial holding tank permit **or** if revisions are necessary, a re-submittal fee as referenced by the current SNHD Environmental Health Permit Fee Schedule as it applies to individual sewage disposal systems shall be applicable. The re-submittal fee must be paid and the corrective actions addressed prior to the issuance of the permit.

2.4 **ISDS Permit Fee.** Pursuant to NRS 439.360(5) and NRS 439.366(1), the Board adopts by reference the current SNHD Environmental Health Permit Fee Schedule as it applies to individual sewage disposal systems (ISDS). The permit fee must be paid at the time of application to the Health Authority. All permit fees are non-refundable.

2.5 An individual sewage disposal system permit issued under these Regulations shall be considered as a temporary permit to operate the ISDS. The operating permit shall be valid until the disposal system fails; or a community sewerage system is installed to service the area and connection hereto is legally required.

2.6 Permission to construct shall be denied if:

DRAFT

~~2.6.1 The Health Authority determines that the proposed installation will not comply with these Regulations; or~~

~~2.6.2 A public or community sewerage system is available within four hundred feet (400') of the nearest property line and can be accessed by a gravity flow line, and is accessible per the sewer authority of jurisdiction.~~

~~2.7 Where the natural soil condition has been altered by filling or other attempts to improve wet areas, verification may require observations of high groundwater levels under saturated soil conditions.~~

~~2.8 Permits shall be null and void after twelve (12) months from the date of issuance, if the proposed construction, alteration or extension of the sewage disposal system is not started within this time. A **one time** ninety (90) day extension of time may be requested in writing by the ISDS permit holder **before** the permit expiration date, including without limitation, the ISDS permit number, the active building permit number, and the signature of the permittee.~~

~~2.9 At the discretion of the Health Authority, the ISDS may be required to be installed by a State of Nevada licensed contractor.~~

2-1.04 ISDS Inspection Requirements

(A) Any activity that requires an ISDS Construction Permit in accordance with **Subsection 2-1.01** must be inspected and approved by the HEALTH AUTHORITY before any system components are covered or placed into service unless the HEALTH AUTHORITY expressly waives the inspection requirement in writing.

(B) All inspections required under this Subsection must be performed by the HEALTH AUTHORITY unless:

(1) The HEALTH AUTHORITY expressly delegates its right to inspect to a third-party in writing; and

(2) The third-party inspector is certified in accordance with **Subsection 2-4.01**.

(C) The HEALTH AUTHORITY may require multiple inspections, including, without limitation:

(1) Inspection of the site before excavation has begun;

(2) Inspection of the excavation before the ISDS components are installed to ensure proper location and depth of the excavation;

(3) Inspection of final grading and landscaping to ensure that the ISDS is not subject to stormwater erosion or ponding, root intrusion, or vehicular traffic; and

(4) Inspection of ALTERNATIVE TREATMENT SYSTEMS, as applicable.

(D) The HEALTH AUTHORITY shall approve the construction, installation, modification, alteration, extension, and/or repair of an ISDS only when the ISDS conforms with:

(1) The design submitted as part of the ISDS Construction Permit application and approved by the HEALTH AUTHORITY;

(2) All conditions associated with the ISDS Construction Permit;

(3) The design and construction requirements of **Chapter 5**; and

(4) All other applicable provisions of these Regulations.

(E) The property owner and the installer of the ISDS are responsible for meeting all inspection requirements, including, without limitation:

(1) Ensuring that the inspector can access all components of the ISDS;

(2) Clearly marking all property boundaries;

DRAFT

(3) When a DISTRIBUTION BOX is utilized, providing the inspector with access to an adequate supply of water to verify that the EFFLUENT will be distributed evenly through the outlet pipes;
(4) When requested by the HEALTH AUTHORITY, demonstrating that the SEPTIC TANK is watertight according to a procedure specified by the manufacturer, the most current edition of the ASTM C1227 Standard, or an equivalent standard approved by the HEALTH AUTHORITY;
(5) Providing to the inspector, when requested, any specific equipment that is required to install or inspect the ISDS; and
(6) Ensuring that the construction area, including any excavations, equipment, and/or ISDS components, does not present an unreasonable safety hazard.

(F) The HEALTH AUTHORITY may require the ISDS to be installed by a State of Nevada licensed contractor and/or may require the installer to demonstrate knowledge and understanding of these Regulations prior to the installation.

(G) When the HEALTH AUTHORITY does not approve an ISDS inspection, a reinspection and the associated fee shall be required unless the HEALTH AUTHORITY expressly waives the reinspection requirement in writing.

2-2 ISDS Operating Permits

2-2.01 General Provisions

(A) A PERSON must not use or operate an ISDS or occupy a structure served by an ISDS without a valid ISDS Operating Permit issued by the HEALTH AUTHORITY.

(B) An ISDS Operating Permit issued under these Regulations is a temporary, revocable permit to operate the ISDS, and it is the responsibility of the owner of the property served by the ISDS to maintain the ISDS and comply with all applicable provisions of these Regulations.

(C) The HEALTH AUTHORITY may impose additional conditions on a Residential ISDS Operating Permit when it determines that the property or structure served by the ISDS is associated with a commercial use.

2-2.02 Issuance

(A) All ISDS existing on the effective date of these Regulations, with or without valid permits, shall be issued an ISDS Operating Permit, beginning six months after the effective date of these Regulations.

(B) The HEALTH AUTHORITY shall issue an ISDS Operating Permit to newly constructed, altered, or expanded ISDS that meet the following conditions:
(1) Approved inspection in accordance with **Section 2-1.04**, including fulfillment of all conditions of approval, if applicable;
(2) Photo documentation of the final grading and landscaping;
(3) An AS-BUILT drawing of the ISDS if it was not installed in accordance with the original plot plan;
(4) Documentation demonstrating that existing ISDS have been decommissioned in accordance with **Chapter 9**, if applicable;
(5) Payment of all fees; and
(6) Any additional conditions imposed by the HEALTH AUTHORITY.

2-2.03 Duration and Renewal

(A) The ISDS Operating Permit expires five years after the date of issuance or upon property transfer, whichever occurs first.

DRAFT

(B) The ISDS Operating Permit continues in effect until its expiration date or until it is revoked, suspended, or not renewed by the HEALTH AUTHORITY.

(C) The HEALTH AUTHORITY may renew the ISDS Operating Permit of a compliant ISDS for an additional five years unless the permit has been revoked in accordance with **Chapter 12** or when applicable law or regulation requires connection to a COMMUNITY SEWERAGE SYSTEM.

(1) For the purposes of this Subsection, a property is required to connect to a COMMUNITY SEWERAGE SYSTEM when the COMMUNITY SEWERAGE SYSTEM is within a street directly adjacent to the property and is accessible per the sewer authority of jurisdiction.

(D) Maintenance of the ISDS Operating Permit requires payment of the associated permit fee in the amount specified in the current SNHD Environmental Health Permit Fee Schedule.

DRAFT

~~**Section 3**~~
~~**TENANT IMPROVEMENT APPLICATIONS**~~

~~3.1 A Tenant Improvement Application is required for the construction of a new structure with or without plumbing or the remodel of an existing structure, prior to the issuance of a building permit or certificate of occupancy from the Building Department of the local jurisdiction.~~

~~3.2 The Tenant Improvement Application constitutes the submittal of all of the requirements for processing to the Health Authority.~~

~~3.3 A plot plan shall be submitted in accordance with **Section 2.2** inclusive for residential and **Section 2.3** inclusive for commercial, for the processing of all tenant improvement approval requests.~~

~~3.4 Any plumbing additions to parcels being served by a community well (quasi-municipal well) shall require the approval of the Nevada Division of Water Resources prior to approval from the Health Authority.~~

~~3.5 Any Tenant Improvements with additional plumbing will require a septic system installed according to these Regulations, which may require a new ISDS Residential Permit or repairs to an existing ISDS.~~

~~3.6 **Tenant Improvement Processing Fee.** Pursuant to NRS 439.360(5) and NRS 439.366(1), the Board adopts by reference the current SNHD Environmental Health Permit Fee Schedule as it applies to individual sewage disposal systems (ISDS). The tenant improvement processing fee must be paid at the time of application. All fees shall be non-refundable. At the discretion of the Health Authority, an inspection based on the current Environmental Health Fee Schedule to verify the location of the ISDS, verify repairs or to verify compliance with these Regulations.~~

~~3.7 The Tenant Improvement approval request shall be denied if the existing individual sewage disposal system (ISDS) is in violation of any of these Regulations.~~

~~3.8 Detached corner buildings with plumbing will not be approved as Tenant Improvements. A separate commercial ISDS permit will be required.~~

~~3.9 Tenant Improvements will not be approved for properties without a Health Authority approved ISDS permit.~~

~~3.10 In lieu of building plans showing plumbing fixtures, a letter signed by a State of Nevada licensed plumber, including licensed number, will be acceptable. The letter must detail the number of individual plumbing fixtures, and specify how many toilets are low-flow (1.6 gallons per flush).~~

2-2.04 Modifications

(A) The property owner or the property owner's representative must apply to the HEALTH AUTHORITY for permission to modify an ISDS Operating Permit in a manner or form approved by the HEALTH AUTHORITY.

DRAFT

(B) Approval to modify an ISDS Operating Permit must be obtained from the HEALTH AUTHORITY in the following circumstances, without limitation:
  (1) Construction of a new building, with or without plumbing;
  (2) Remodel of an existing building, with or without plumbing;
  (3) Installation of a temporary building;
  (4) Installation of an inground or aboveground pool or spa;
  (5) Change in use type or characteristics;
  (6) Variances, zoning changes, waivers of development standards, use permits, design reviews, or other deviation from applicable development or building codes or standards;
  (7) Division of land on which an ISDS is located; or
  (8) Any other activity that may affect the operation or longevity of the ISDS.

(C) An application to modify an ISDS Operating Permit may require any or all of the following information, without limitation:
  (1) A plot and grading plan in accordance with **Subsection 2-1.02(B)(8)**, inclusive;
  (2) A floor plan showing all plumbing fixtures or other documentation approved by the HEALTH AUTHORITY to adequately and accurately represent the existing and proposed flows to the ISDS;
  (3) Approval from the Nevada Division of Water Resources (NDWR) if the property on which the ISDS is located is served by a well permitted by NDWR and the proposed modification may increase the water use of the property;
  (4) Proof of adequate water rights if the property on which the ISDS is located is served by a domestic well and the proposed modification or use is anything other than a domestic use as defined by NRS 534.013;
  (5) Proof of application to become a permitted PUBLIC WATER SYSTEM if the property on which the ISDS is located is served by a water system that the HEALTH AUTHORITY determines may be subject to regulation under the Safe Drinking Water Act (SDWA), and which does not have a permit to operate as required by NRS 445A.885 and NAC 445A.595-614, inclusive;
  (6) Approval from the PUBLIC WATER SYSTEM if the property on which the ISDS is located is served by a permitted PUBLIC WATER SYSTEM;
  (7) Documentation from the COMMUNITY SEWERAGE SYSTEMS with nearby sewer infrastructure stating whether the property meets their criteria to connect to the sewer system;
  (8) Any applications to subdivide the property on which the ISDS is located;
  (9) Any associated land use applications and supporting documentation; and
  (10) Any other information requested by the HEALTH AUTHORITY.

(D) The HEALTH AUTHORITY may deny an application to modify an ISDS Operating Permit when the existing ISDS is in violation of any provision of these Regulations or any other applicable federal, state, or local law, regulation, ordinance, or code.

2-3 ISDS Maintenance Requirements

(A) Any PERSON owning or controlling property upon which an ISDS is installed is responsible for the operation and maintenance of the ISDS.

(B) The SEPTIC TANK must be pumped by a LIQUID WASTE HAULER approved by the HEALTH AUTHORITY within six (6) months before the sale, transfer, contract for deed, or any other conveyance of land upon which the ISDS is located, and at least once every ten (10) years.

(C) Upon request from the HEALTH AUTHORITY, the property owner must provide a receipt or other documentation demonstrating that the SEPTIC TANK has been pumped within the required period.

DRAFT

(D) A PERSON must not cause, perform, or contribute to any action, activity, or condition that may tend to damage the ISDS or reduce its hydraulic or treatment capacity, including, without limitation:

(1) Introduction of flows to the ISDS that are not DOMESTIC WASTEWATER, including, but not limited to:

(a) Pool or spa discharges;

(b) Water softener backwash;

(c) Nonbiodegradable solids (e.g., "flushable" wet wipes);

(d) Flammable, explosive, poisonous, or hazardous liquids, solids, or gases, including any material identified as a hazardous waste under 40 CFR 261;

(e) Oils or grease; or

(f) Any other liquid, solid, or gas that would or could cause damage to the ISDS.

(2) Disposal of recreational vehicle (RV) waste into the ISDS;

(3) Discharge of rainwater or other large volumes of water into the ISDS;

(4) Excessive irrigation over the ISDS or allowing water to accumulate above the SOIL ABSORPTION SYSTEM;

(5) Construction of a building or structure on or within eight feet (8') of the ISDS;

(6) Driving or parking vehicles or heavy equipment on the SEPTIC TANK unless the tank has been approved and found to meet the AASHTO H-20 design loading criteria or a more restrictive standard;

(7) Driving or parking vehicles or heavy equipment on the SOIL ABSORPTION SYSTEM under any circumstances; or

(8) Placement of an impermeable material over the SOIL ABSORPTION SYSTEM that may restrict subsoil reaeration.

DRAFT

Section 4
CERTIFICATION OF INDIVIDUAL SEWAGE DISPOSAL SYSTEMS (ISDS)

4.1 The Health Authority shall be the sole entity within its jurisdiction that provides official certification for permitted individual sewage disposal systems.

4.2 The Health Authority shall only provide certification of permitted individual sewage disposal systems (ISDS) in compliance with these Regulations, and water wells logged with the Nevada Division of Water Resources.

4.3 The certification of an ISDS and/or water well shall be valid for one (1) year after issuance provided that no changes are made to the property. Certifications shall be null and void if any changes are made to the property, septic system, or water supply.

4.4 **ISDS Certification Fee.** Pursuant to NRS 439.360(5) and NRS 439.366(1), the Board adopts by reference the current SNHD Environmental Health Permit Fee Schedule as it applies to individual sewage disposal systems (ISDS). The ISDS certification fee must be paid to the Health Authority prior to scheduling an inspection. The ISDS certification fee shall be non-refundable.

4.5 The ISDS certification procedure includes the following requirements:

4.5.1 If the final ISDS construction approval occurred within the last three (3) months to date when the certification is requested, a file search fee, according to the current SNHD Environmental Health Fee Schedule, shall be required for the ISDS certification and an onsite inspection will not be required.

4.5.2 If the final construction approval occurred within twelve (12) months to the date when the certification is requested, an onsite inspection of the property is required and the septic tank lid does not have to be removed.

4.5.3 If the final ISDS construction approval is over twelve (12) months to the date when the certification is requested, the septic tank lid must be removed for inspection, that is, first compartment of the septic tank that connects directly to the sewer line from the building. However, if a pumping receipt is submitted to the Health Authority from an approved liquid waste hauler dated within twelve (12) months to the date the certification is requested, then the septic tank lid does **not** have to be removed for inspection.

4.5.4 The Health Authority may request additional information to complete the ISDS certification process.

4.5.5 If the certification is not approved, the re-inspection fee shall be assessed according to the current SNHD Environmental Health Fee Schedule. The re-inspection fee must be paid prior to scheduling another inspection.

4.5.6 If plumbing additions have been made to the property without Health Authority approval, a Tenant Improvement must be approved before any certification is issued.

DRAFT

~~4.6 The water well certification procedure includes the following requirements:~~

~~4.6.1 A copy of the well driller's log approved by the Nevada Division of Water Resources is required, if a copy is not on file with the Health Authority.~~

~~4.6.2 The certification fee shall be paid prior to scheduling the inspection of the water well. The certification fee shall be non-refundable.~~

~~4.6.3 The Health Authority shall have full access to the well and pump for inspection purposes.~~

~~4.6.4 A chemical and bacteriological analysis shall be required for the certification of the well water. This may be done through a private laboratory certified by the State of Nevada. The original test results must be submitted to the Health Authority for review before the certification of the well can be processed.~~

~~4.6.5 The water sample tested must meet all the EPA and State of Nevada Safe Drinking Water Standards in order for the well to be certified.~~

~~4.6.6 If the certification is not approved, the re-inspection fee shall be according to the current SNHD Environmental Health Fee Schedule. The re-inspection fee must be paid prior to scheduling another inspection.~~

~~4.6.7 The Health Authority may request additional information to complete the water well certification process.~~

2-4 ISDS Property Transfer Requirements

(A) Within 90 days before the sale, transfer, contract for deed, or any other conveyance of land upon which an ISDS is located, the following requirements must be met:

(1) The property owner or the property owner's representative must notify the HEALTH AUTHORITY of the intent to transfer the property in a manner or form approved by the HEALTH AUTHORITY;

(2) A Property Transfer Inspection must be performed by the HEALTH AUTHORITY or by a third-party inspector approved by the HEALTH AUTHORITY unless one of the following exemptions applies:

(a) The ISDS has an approved Report of Inspection dated within three (3) years of the date of sale; or

(b) The property owner or the property owner's representative presents a signed disclosure statement and supporting documentation to the HEALTH AUTHORITY indicating that:

(i) No ISDS exists on the property or all ISDS on the property have been decommissioned in compliance with **Chapter 9**;

(ii) An ISDS is not required on the property; and

(iii) The property is connected to a COMMUNITY SEWERAGE SYSTEM;

(3) If the property is served by a domestic well, a well permitted by the Nevada Division of Water Resources (NDWR), or another water source that is not a PUBLIC WATER SYSTEM, the property owner or the property owner's representative must test the water source for evidence of contamination.

DRAFT

(a) Samples must be collected directly from the well or other source, before the water enters any distribution, filtration, or treatment system.
(b) The water must be tested for the analytes typically included in a routine domestic water panel, unless otherwise required by the HEALTH AUTHORITY.
(c) Testing must be performed by a laboratory that is certified by NDEP to test for the analytes specified; and

(4) The property owner or the property owner's representative must provide to the HEALTH AUTHORITY and to the PERSON to whom the property is transferred:
(a) The completed Report of Inspection;
(b) Results of well water quality testing in accordance with **Subsection 2-4(A)(3)**, if applicable; and
(c) Documents relating to permitting, installation, operation, and maintenance of the ISDS.

(B) This Section does not apply to a sale or transfer of property that meets one of the exemptions listed in NRS 375.090;

(C) The Property Transfer Inspection must be performed by an inspector certified by the HEALTH AUTHORITY in accordance with **Subsection 2-4.01** of these Regulations.

(D) The Property Transfer Inspection must be performed in accordance with the procedures described in **Subsection 2-4.02** of these Regulations.

(E) If the property has a NITROGEN REMOVAL SYSTEM, the new property owner must provide the HEALTH AUTHORITY with an updated maintenance contract within 30 days from the close of escrow.

(F) A new ISDS Operating Permit shall be issued to the new property owner in accordance with **Section 2-2** upon completion of the sale, transfer, contract for deed, or other conveyance of land.

(G) Failure to comply with any of the requirements of this Section may result in revocation of the ISDS Operating Permit in accordance with **Chapter 12** and/or assessment of fees in accordance with the current SNHD Environmental Health Permit Fee Schedule.

2-4.01 Inspector Qualifications

(A) A PERSON must apply for and obtain a Certificate of Training from the HEALTH AUTHORITY before performing any inspections under this Section.

(B) The HEALTH AUTHORITY may grant a Certificate of Training to an applicant who:
(1) Possesses working knowledge of ISDS and the inspection process;
(2) Holds a certificate of training from a course recognized by the HEALTH AUTHORITY as sufficiently covering the information specified in **Subsection 2-4.02**; and
(3) Holds a license or certification in one of the following categories:
(a) A Nevada professional engineer licensed according to NRS 625;
(b) A Nevada environmental health specialist licensed according to NRS 625A;
(c) A PERSON certified by the National Association of Wastewater Technicians (NAWT) or an equivalent program approved by the HEALTH AUTHORITY;
(d) A licensed contractor in one of the following categories:
(i) Classification C-27: Individual Sewerage; or
(ii) Subclassification A-15: Sewers, Drains, and Pipes.
(e) An inspector of structures certified in accordance with NAC 645D;
(f) A wastewater treatment plant operator certified according to NAC 445A.2862-294; or
(g) A PERSON qualifying under another category or criteria designated by the HEALTH AUTHORITY.

DRAFT

(C) The HEALTH AUTHORITY may revoke a Certificate of Training from any third-party inspector certified under this Subsection who:

(1) No longer meets one of the qualification requirements defined in **Subsection 2-4.01(B)**;

(2) Consistently fails to comply with the inspection criteria defined in **Subsection 2-4.02**; or

(3) Violates a provision of these Regulations, or any other applicable federal, state, or local law, regulation, ordinance, or code.

2-4.02 Inspection Criteria

(A) The inspector must complete and sign a Report of Inspection on a form approved by the HEALTH AUTHORITY and provide it to the buyer, seller, and HEALTH AUTHORITY within 30 days of the Property Transfer Inspection.

(B) The Report of Inspection must:

(1) Indicate the date the inspection was performed;

(2) Address the physical and operational condition of the ISDS and describe observed deficiencies and repairs completed, if any;

(3) Address and describe any observed noncompliance with the provisions of **Section 2-3** or any other provision of these Regulations; and

(4) For each SEPTIC TANK, HOLDING TANK, or other SEWAGE treatment or disposal unit on the property, indicate one of the following:

(a) That it was pumped by a LIQUID WASTE HAULER permitted in accordance with **Chapter 10**; or

(b) That pumping was not performed for one of the following reasons:

(i) The ISDS Operating Permit was issued and the ISDS was put into service within three (3) years before the Property Transfer Inspection;

(ii) Pumping or servicing was not necessary at the time of the inspection based on the SEPTIC TANK manufacturer's written operation and maintenance instructions; or

(iii) No accumulation of floating or settled waste was present in the SEPTIC TANK or SEWAGE treatment container.

(C) Items that do not comply with the following criteria and/or conditions must be reported to the HEALTH AUTHORITY and corrected along with necessary permits and inspections within 90 days of the sale, transfer, contract for deed, or other conveyance of land:

(1) The SEPTIC TANK must be structurally sound and in good working order and provided with safe and secure lids;

(2) All internal devices and appurtenances such as tees, EFFLUENT screens, and baffles that were originally provided with the SEPTIC TANK or added later must be intact and in working order;

(3) Alarms, control devices, and all other components necessary for the operation of the ISDS are present and in good working order;

(4) A SOIL ABSORPTION SYSTEM, or other means of subsurface wastewater treatment, must be present and not in a state of failure; and

(5) There are no unapproved wastewater discharges to or from the ISDS or from any structure.

(D) If the ISDS poses a HEALTH HAZARD, the property owner must take adequate measures as soon as practicable to abate the hazard.

DRAFT

~~Section 5~~
~~LOCATION OF INDIVIDUAL SEWAGE DISPOSAL SYSTEMS~~

~~5.1 No septic tank or soil absorption system shall be located within ten feet (10') of any property line or tree, or shall trees be planted within ten (10') of a soil absorption system or septic tank.~~

~~5.2 The horizontal separation from a shallow absorption system to the foundation of a building or structure shall be at least eight feet (8'), and twenty feet (20') from a deep absorption system, unless a Cone of Influence Letter is submitted by State of Nevada registered professional engineer.~~

~~5.3 Septic tank and shallow absorption system located within one hundred feet (100') nor shall a deep absorption system be located within one hundred and fifty feet (150') of any well.~~

~~5.4 See TABLE I for other separation requirements~~

DRAFT

~~TABLE I~~

~~Minimum Horizontal Separation Distance~~	~~Building Sewer Drain~~	~~Septic Tank~~	~~Shallow Soil Absorption System~~	~~Deep Absorption System~~
~~Building or Structure~~	~~3 ft~~	~~8 ft~~	~~8 ft~~	~~20 ft~~
~~Block Wall~~	~~3 ft~~	~~3 ft~~	~~3ft~~	~~3 ft~~
~~Retaining Wall~~	~~3 ft~~	~~8 ft~~	~~8 ft~~	~~20 ft~~
~~Property Line~~	~~10 ft~~	~~10 ft~~	~~10 ft~~	~~10 ft~~
~~Water Supply = Wells~~	~~50 ft~~	~~100 ft~~	~~100 ft~~	~~150 ft~~
~~Streams or Watercours~~	~~50 ft~~	~~100 ft~~	~~100 ft~~	~~150 ft~~
~~Soil Disposal~~	~~--~~	~~5 ft~~	~~5 ft~~	~~5 ft~~
~~Community Water Main Lines~~	~~10 ft~~	~~10 ft~~	~~25 ft~~	~~25 ft~~
~~Individual Water Service~~	~~6 ft~~	~~10 ft~~	~~25 ft~~	~~25 ft~~
~~Swimming Pool and Spa Water Lines and~~	~~3 ft~~	~~10 ft~~	~~25 ft~~	~~25 ft~~

Chapter 3 – Commercial Holding Tank Permits

(A) A PERSON must not construct, install, or use a HOLDING TANK without a valid HOLDING TANK Permit issued by the HEALTH AUTHORITY.

(B) The issuance of a HOLDING TANK Permit from the HEALTH AUTHORITY shall be in conformance with the most current Memorandum of Agreement signed with NDEP.

(C) A HOLDING TANK may not be used to service a residence, recreational vehicle, or any other structure having sleeping accommodations, except:

(1) On a construction site to serve a contractor's job shack or night watchman's trailer; and

(2) In emergency situations when it is necessary to prevent a potential HEALTH HAZARD.

(D) HOLDING TANK Permits shall be approved to receive and store DOMESTIC WASTEWATER only.

DRAFT

3-1 Holding Tank Permit Applications

(A) The property owner or the property owner's representative must apply to the HEALTH AUTHORITY for a HOLDING TANK Permit in a manner or form approved by the HEALTH AUTHORITY.

(B) A HOLDING TANK Permit application must include, without limitation:

(1) The recorded deed for the property on which the HOLDING TANK is proposed;

(2) A parcel map or subdivision map as recorded with the Clark County Recorder's Office;

(3) A letter from the applicant stating the reason for the request and the anticipated duration of use;

(4) Proof of an approved water source, which must be demonstrated by:

(a) A written water commitment from a PUBLIC WATER SYSTEM stating that the property will be served with water;

(b) A well driller's report and approval by the Nevada Division of Water Resources; or

(c) A proposal to haul water that meets the requirements of NAC 445A.67275-6731, inclusive, and is approved by the HEALTH AUTHORITY.

(5) Documentation from the COMMUNITY SEWERAGE SYSTEM with nearby sewer infrastructure stating whether the property meets its criteria to connect to the sewage system.

(6) A plot plan, which must include, without limitation:

(a) A map of the area in which the HOLDING will be located that shows the location of the roads and streets;

(b) The dimensions of the lot on which the ISDS will be located;

(c) The direction of north clearly indicated;

(d) The scale to which the plan is drawn (e.g., 1 inch = 30 feet);

(e) The proposed location of the HOLDING TANK on the property;

(f) The capacity of the HOLDING TANK; and

(g) The location of the structure that will be served by the HOLDING TANK; and

(7) Any other information requested by the HEALTH AUTHORITY.

3-2 Permanent Commercial Holding Tank Permits

(A) A property is eligible for a Permanent HOLDING TANK Permit when:

(1) The property cannot be approved for an ISDS Construction Permit;

(2) A COMMUNITY SEWERAGE SYSTEM is not available or expected to be available within five (5) years after the date of application for the HOLDING TANK Permit;

(3) The HOLDING TANK is:

(a) Intended to serve a county, state, or national park, or an occasional-use facility, including, without limitation, a county fair or rodeo; or

(b) Under the control of a city or other legal entity authorized to construct, operate, and maintain a COMMUNITY SEWERAGE SYSTEM;

(4) The projected daily SEWAGE flow is not more than 500 gallons, unless otherwise allowed by the HEALTH AUTHORITY;

(5) The horizontal separations defined in **Table 5-7** can be met; and

(6) Only DOMESTIC WASTEWATER will be discharged into the HOLDING TANK.

(B) In addition to all items specified in **Subsection 3-1(B)**, inclusive, the Permanent HOLDING TANK Permit application must include, without limitation:

(1) A plot plan, drawn to an engineer or architect's scale showing the proposed location of the holding tank (along with the tank capacity), modular/trailer or temporary structure, water meter, water lines, sewer lines with invert elevations, and parking area; and

DRAFT

(2) A floor plan showing all plumbing fixtures.

(C) A Permanent HOLDING TANK must:

(1) Have a minimum liquid capacity of 1,000 gallons;

(2) Be in conformance with the most current edition of the ASTM C913 Standard or an equivalent standard approved by the HEALTH AUTHORITY;

(3) Be equipped with an audible and visual alarm to indicate when tank is the 75% full or incorporate another method that is at least as protective of public health and is approved by the HEALTH AUTHORITY;

(4) Have no overflow vent at an elevation lower than the overflow level of the lowest fixture served; and

(5) Be designed for anti-buoyancy if test-hole examination or other observations indicate that seasonally high groundwater may float the tank when empty.

3-3 Temporary Portable Holding Tank Permits

(A) Portable HOLDING TANKS may be temporarily placed at the site of limited-duration events, including, without limitation, construction projects, when the following requirements are met:

(1) The HOLDING TANK must be owned and serviced by a LIQUID WASTE HAULER who has been issued a permit under **Chapter 10** of these Regulations;

(2) The HOLDING TANK must be used and maintained in a sanitary manner to prevent a HEALTH HAZARD or nuisance; and

(3) The tank must not be buried, unless approved by the HEALTH AUTHORITY.

(B) For the purposes of this Section, a limited-duration event does not include temporary mass gatherings, as defined by NAC 444.5478.

(C) A Temporary HOLDING TANK must:

(1) Have a liquid capacity of no more than 1,000 gallons unless approved by the HEALTH AUTHORITY;

(2) Be watertight and have no overflow vent lower than the overflow level of the lowest fixture served;

(3) Be structurally sound and made of durable, noncorrosive materials;

(4) Be designed and constructed to provide a secure, watertight connection with the sewer pipe for any building to which the tank is connected; and

(5) Be marked with the name and phone number of the LIQUID WASTE HAULER that has been issued a permit under **Chapter 10** of these Regulations and who is responsible for maintaining the HOLDING TANK.

Chapter 4 – Site Evaluation

4-1 General Requirements

(A) A complete Site Evaluation must be performed on each parcel of land on which an ISDS is proposed to determine the suitability of a location to support an ISDS and to provide a sound basis to select the most appropriate ISDS design for the location and proposed use.

(B) A report meeting the Site Evaluation criteria defined in **Section 4-2** must be submitted to the HEALTH AUTHORITY as part of an ISDS Construction Permit application.

4-2 Site Evaluation Criteria

(A) The Site Evaluation must include the following components:

(1) Surface characterization; and

(2) Subsurface investigation consisting of at least one soil boring, pit, or trench:

DRAFT

(a) For each proposed SOIL ABSORPTION SYSTEM;
(b) Drilled or dug on the same parcel as, but no more than 100 feet from, the proposed SOIL ABSORPTION SYSTEM; and
(c) Drilled or dug to a depth of at least four feet below the bottom of the proposed SOIL ABSORPTION SYSTEM.

(B) The Site Evaluation must be performed in accordance with one of the following codes or standards:
(1) The most recent edition of the *International Building Code*, including the Southern Nevada Amendments;
(2) The most recent versions of *ASTM D5879/D5879M Standard Practice for Surface Site Characterization for On-Site Septic Systems* and *ASTM D5921 Standard Practice for Subsurface Site Characterization of Test Pits for On-Site Septic Systems*; or
(3) An alternative method that meets all requirements of this Section and is approved by the HEALTH AUTHORITY.

(C) The Site Evaluation must be performed by a qualified PERSON from one of the following categories:
(1) A professional engineer registered in Nevada pursuant to NRS 625 and NAC 625;
(2) A geologist registered in Nevada pursuant to NRS 514;
(3) A Certified Professional Soil Scientist certified by the American Society of Agronomy;
(4) A PERSON with a certificate of training from a course recognized by the HEALTH AUTHORITY as sufficiently covering the information contained within one or more of the codes or standards specified in **Subsection 4-2(B)**; or
(5) A PERSON who qualifies under another category designated by the HEALTH AUTHORITY.

(D) The surface characterization must:
(1) Describe the surface slope and surface drainage characteristics at the proposed location of the ISDS;
(2) Identify areas of poor drainage such as depressions, and areas of complex slope patterns where slopes are dissected by gullies and ravines;
(3) Identify whether the property is in the 100-year flood hazard zone, as indicated on the applicable flood insurance rate map; and
(4) Identify man-made or engineered fill material deposits.

(E) The subsurface characterization must:
(1) Include a general texture and structure analysis to identify the classification of the soil;
(2) Include a gravel analysis to determine the percentage of gravel by volume and the size of the gravel;
(3) Identify the clay minerology of the clay-sized fraction to determine the degree to which the soil swells when wetted; and
(4) Assess the degree of caliche cementation if caliche soils are encountered.

(F) Data from percolation tests may be considered in the determination of the required SOIL ABSORPTION SYSTEM area if:
(1) Data is collected from a minimum of two test holes in the area of the proposed SOIL ABSORPTION SYSTEM;
(2) The tests are performed or supervised by a PERSON from one of the categories specified in **Subsection 4-2©** who certifies as to the correctness of the procedure and results;
(3) The tests are performed in accordance with current scientific and engineering knowledge and best practices; and
(4) A written report including detailed test results and a description of the test method and its source is provided to the HEALTH AUTHORITY.

(G) The Site Evaluation Report must indicate whether any of the following LIMITING CONDITIONS were encountered, and if so, must indicate the depth at which they were encountered:

DRAFT

(1) A condition that may cause or contribute to the surfacing of SEWAGE, including but not limited to:
    (a) An impermeable soil or rock layer;
    (b) A zone of saturation that substantially limits downward percolation from the SOIL ABSORPTION SYSTEM;
    (c) Soil with expansive clay soils that become extremely firm when moist and very sticky or plastic when wet (exhibiting firm or extremely firm consistence); or
    (d) Soil with more than 50 percent rock fragments.
(2) A condition that may promote the accelerated downward movement of insufficiently treated SEWAGE, including but not limited to:
    (a) Fractures or joints in rock that are open, continuous, or interconnected;
    (b) Karst voids or channels; or
    (c) Highly permeable materials such as deposits of cobbles or boulders; or
(3) The seasonal high-water table occurs within four feet of the bottom of the proposed SOIL ABSORPTION SYSTEM, as revealed by:
    (a) Encountering groundwater within soil trenches or borings;
    (b) The presence of one or more field indicators of saturation; or
    (c) As evidenced by well records or hydrologic reports.

4-3 Determination of Site Suitability

(A) The HEALTH AUTHORITY shall not issue an ISDS Construction Permit unless it determines that the SOIL ABSORPTION SYSTEM can be installed to meet the minimum performance requirements defined in **Section 5-1**.

4-3.01 Unsuitable Sites

(A) A site is unsuitable for construction of an ISDS:
    (1) If any of the LIMITING CONDITIONS defined in **Subsection 4-2(G)** are encountered;
    (2) If the surface slope in the area of the proposed ISDS is greater than 25%;
    (3) In areas of poor drainage such as depressions, and areas of complex slope patterns where slopes are dissected by gullies and ravines;
    (4) In areas within the 100-year flood hazard zone, as indicated on the applicable flood insurance rate map; and
    (5) In areas with engineered or man-made fill.
(B) The HEALTH AUTHORITY may require any or all the following, without limitation, to ensure that the proposed ISDS can be expected to function satisfactorily on an unsuitable site:
    (1) Additional site characterization;
    (2) Written documentation, including engineering, hydrogeologic, geologic, or soil studies;
    (3) Addition and/or substitution of suitable natural or engineered fill material;
    (4) Installation of an ALTERNATIVE TREATMENT SYSTEM; or
    (5) Additional oversight of installation.
(C) Engineered fill may be used only when the following conditions are met:
    (1) The soil conditions in the area of the proposed SOIL ABSORPTION SYSTEM are suitable for SEWAGE disposal purposes;
    (2) The surrounding naturally occurring soil can adequately absorb or disperse the expected volume of EFFLUENT without overflow, breakout, or detrimental effect on ground or surface water; and
    (3) The fill material meets the standards specified by the HEALTH AUTHORITY.

4-3.02 Lot Size Requirements

DRAFT

(A) The minimum lot size required for the construction or operation of an ISDS is:
    (1) One (1) acre when the water supply is from a well serving only that property.
    (2) One-half (0.5) acre when the property is served by a well permitted by NDWR or a PUBLIC WATER SYSTEM and the conveyance of the property was recorded with the Clark County Recorder's Office after the effective date of these Regulations.
    (3) One-quarter (0.25) acre when the property is served by a well permitted by NDWR or a PUBLIC WATER SYSTEM and the conveyance of the property was recorded with the Clark County Recorder's Office on or before the effective date of these Regulations.
(B) For the purposes of this Subsection, the lot size includes public streets, alleys, and other rights of way or easements, or any portion thereof abutting on, running though, or within a parcel.

4-3.03 Other Site Restrictions

(A) An ISDS must be constructed and remain on the same parcel as any structure it serves.
(B) An ISDS must not be constructed in an easement unless the easement is expressly for that purpose.

DRAFT

Section 6
SPECIFICATIONS FOR SEPTIC TANKS

6.1 Septic tanks shall have a minimum of two (2) compartments. The inlet compartment of any septic tank shall be not less than two-thirds (2/3) of the total capacity of the tank. See Figures 2 and 2A. When the septic is to be used for a de-nitrification system, the inlet compartment may be one-third (1/3) the total capacity of the tank if approved by the Health Authority.

6.2 All septic tanks, along with their manufacturers, must be approved by the Health Authority prior to installation. An approved septic tank manufacturer list may be requested from the Health Authority.

6.3 **Septic Tank Construction**. Septic tanks shall be watertight below the cover and shall be built so as to constitute a separate structure. They shall be constructed of materials resistant to decay, such as pre-cast concrete, and polyethylene. Other materials, equal in structural capability of withstanding all anticipated earth or other loads, may be approved by the Health Authority through a product review process.

6.3.1 Pre-cast concrete tanks shall have a minimum wall, floor and roof thickness of three inches (3"). The concrete shall have a minimum compressive strength of three thousand pounds per square inch (3,000 psi). The concrete shall be produced in accordance with the practices outlined in the American Concrete Institute Standards 301 and 318. Precast sections shall be set evenly in a full bed of sealing mortar or equivalent. Excessively mortared joints shall be sealed with bituminous sealing compound.

6.4 Type 5, sulfate resistant cement shall be used for all concrete mixes.

6.5 Each tank shall be clearly marked to show capacity, name and address of the registered trademark of the manufacturer.

6.6 Backfilling, after inspection and approval from the Health Authority, shall be carefully done to prevent damage to the septic tank. Before backfilling, each septic tank shall be adequately supported and may be required to be filled with water 24 hours prior to inspection to determine that it is watertight. The septic tank shall be level after setting.

6.7 All pre-fabricated tanks shall be watertight.

6.8 Septic tank capacity and design. The liquid capacity of a septic tank shall be determined by the number of persons using the building to be served or upon the nature of use and type of waste as determined from Table III, whichever is greater. The minimum liquid capacity of a septic tank measured below the outlet shall be one thousand (1,000) gallons for any installation. The liquid depth shall not be less than thirty inches (30") or more than five feet (5'). The air space shall be at least nine inches (9") or 20% of the liquid depth.

DRAFT

6.9 **Septic Tank Dimensions:**

6.9.1 Rectangular septic tanks shall have a minimum width of thirty inches (30") and shall be constructed with the longest dimensions parallel to the direction of flow.

6.9.2 When increased capacity is to be provided by using a number of prefabricated tanks, the minimum capacity of any unit shall be one thousand (1,000) gallons.

6.9.3 When two (2) or more tanks are installed in series, the baffle for the first tank is removed. The volume first tank will contribute to the second tank's first compartment. The combination of the first tank capacity and the volume first compartment for the second tank must equal 2/3 the septic tank waste.

6.10 **Estimated Waste / Sewage Flow Rates; Recommended Design Criteria; Quantity of Sewage Flow per Fixture; Septic Tank Capacities** (see TABLE II, TABLE III, and TABLE IV, respectively).

DRAFT

TABLE II

ESTIMATED WASTE / SEWAGE FLOW RATES

Type of Occupancy	Unit Gallons Per Day
Airports	15 per employee 5 per passenger
Auto washers	Check with equipment manufacturer
Bowling alleys (snack bar only)	75 per lane
Camps: Campground with central comfort station Campground with flush toilets, no showers Day Camps (no meals served) Summer and Seasonal	 35 per person 35 per person 15 per person 50 per person
Churches (Sanctuary) with kitchen waste	5 per seat 7 per seat
Dance Halls	5 per person
Factories No showers With showers Cafeteria, add	 25 per person 35 per employee 5 per employee
Hospitals Kitchen waste only Laundry waste only	 250 per bed 25 per bed 40 per bed
Hotels (no kitchen waste)	60 per bed (2 person)
Institutions (Resident) Nursing Home Rest Home	 75 per person 125 per person 125 per person
Laundries , self-service (minimum 10 hours per day)	50 per wash cycle Per manufacturer's specifications
Motel With Kitchen	 50 per bed space 60 per

DRAFT

Offices	20 per employee
Golf Course [(18 holes x # of shifts x 4 people per round)] / 2 x 10 gallons per day per golfer	10 per golfer
Restaurants = Cafeterias Toilet Kitchen waste Add for garbage disposal Add for cocktail lounge Kitchen waste – disposal service	20 per employee 7 per employee 6 per meal 1 per meal 2 per customer 2 per meal
Schools – Staff and Office Elementary students Intermediate and high with gym and showers, add with cafeteria, add Service Station, toilets	20 per person 15 per person 20 per person 5 per student 3 per student 100 per person 1000 for 1st bay 500 for each and additional bay
Stores Public restrooms, add	20 per employee 0.1 per square feet of floor space
Swimming Pools, public	10 per person
Theaters, Auditoriums Drive-In	5 per seat 10 per person

RECOMMENDED DESIGN CRITERIA. Sewage disposal systems sized using the estimated waste/sewage flow rates should be calculated as follows:

1) Waste/sewage flow, up to 1,500 gallons/day
   Flow x 1.5 = septic tank size

2) Waste/sewage flow, over 1,500 gallons/day
   Flow x 0.75 + 1125 = septic tank size

3) Secondary system shall be sized for total flow per 24 hours

DRAFT

TABLE III

Quantity of Sewage Flow per Fixture

Kind of Fixture	Private Use	Public Use
Bar Sink	1	2
Bathtubs (with or without shower over)	2	4
Bidets	2	2
Dental units or cuspidors		1
Drinking Fountains (each head)	1	2
Floor Drains	2	2
Interceptors for grease, oil, solids, etc	3	3
Interceptors of sand, auto wash, etc		6
Laundry tubs	1	2
Clothes washers	2	4
Receptors (floor sinks) indirect waste receptors for refrigerators, coffee urns, water stations, etc	1	1
Receptors indirect waste receptors for commercial sinks, dishwashers, air washers		3
Showers (each head)	2	4
Sinks, commercial or industrial, schools, etc (including dishwashers, wash-up sinks, and wash fountains, 2" min		4
Sinks, flushing rim, clinic		10
Sinks, and/or dishwashers (residential, 2" min waste)	2	
Sinks, service	3	3
Trailer Park Traps (one for each trailer)	6	6
Urinals, pedestal	2	10
Urinals, stall	2	5
Urinals, wall (2" min waste)	2	5
Wash basins (lavatories) single	1	1
Wash basins (lavatories) double	2	2
Water closets (flush tanks) Low water consumption water closet	4 2*	5
Water closets (flushometer valve)	6	10

DRAFT

* NOTE: The total fixture count on existing permits may be reduced for low water consumption fixtures. Reductions will be determined by the Health Authority on a case-by-case basis, depending on the type of fixture to be used and the nature of the use.

TABLE IV
SEPTIC TANK CAPACITIES

Maximum Fixture Units Served	Minimum Septic Tank Capacity in Gallons
20	1000
25	1200
35	1500
45	2000
55	2250
60	2500
70	2750
80	3000
90	3250
100	3500

Fixture units over 100 – 25 gallons per fixture unit.

NOTE: Septic tank sizes in this table include sludge storage capacity and the connection of domestic food waste disposal units and dishwashers without further volume increase.

DRAFT

6.11 Inlets and Outlets Tees; Baffles

6.11.1 The inlet and outlet of septic tanks or tank compartments shall be provided with open-end schedule forty (40) polyvinyl chloride (PVC) sanitary tees or equivalent or baffles made of approved materials, so constructed as to distribute flow and retain scum in tank or compartments. The tees or baffles shall extend at least six inches (6") above the liquid level. The inlet device shall penetrate at least six inches (6") but not more than the outlet device. The outlet tee or baffle shall extend to a distance below the surface equal to forty percent (40%) of the liquid depth, and thirty-six percent (36%) for horizontal cylindrical tanks. The inlet and the outlet arrangements shall provide for free flow of air between inlet and outlet. At least two inches (2") of clear space shall be provided over the top baffle or tees. The invert of the outlet pipe shall be at least three inches (3") lower than the invert of the inlet pipe.

6.11.2 The inlet and outlet pipes between a septic tank and firm ground beyond the excavation made to install the tank shall be schedule forty (40) PVC or other pipe approved by the District for this specific purpose. The joint between the pipe and tank shall be made watertight.

6.11.3 The inlet and outlet openings of all tanks shall contain a "boss," stop or other provision to which will prevent the insertion of the sewer piping beyond the inside tank wall facing.

6.12 Manholes

Access to each septic tank shall be provided by at least two (2) manholes, with a minimum dimension of twenty inches (20") square or twenty inches (20") in diameter at the top. Manholes shall extend to within at least twelve inches (12") of the ground surface and provided with substantial concrete, steel, stone, fiberglass or cast iron covers. On steel tanks, the collar for manhole extensions shall be at least two inches (2") high.

DRAFT

~~Section 7~~
~~MAINTENANCE AND SLUDGE DISPOSAL~~

~~7.1 Septic tanks shall be cleaned whenever the sludge and scum occupies one-third (1/3) of the tank volume.~~

~~7.2 Sludge and scum from septic tanks and any other material removed from a sewage disposal unit, all hereafter referred to as sludge, shall be pumped by a liquid waste hauler approved by the Health Authority and disposed of at an approved disposal facility in such a manner as not to create a nuisance or menace to public health. Unless otherwise authorized by the Health Authority, the sludge shall be disposed of as follows:~~

~~7.2.1 By discharge into a public sewerage system when practical. The point and method of discharge into the system shall be subject to the requirements of the municipality.~~

~~7.2.2 By discharge at a disposal site designated by a city or political subdivision for such purpose.~~

~~7.3 Sludge shall not be disposed of by discharge into a lake, stream, ditch or dry run or be deposited within one hundred feet (100') of such watercourses.~~

DRAFT

~~Section 8~~
~~DISTRIBUTION BOX~~

~~8.1 A distribution box shall be used for all systems (commercial and residential) greater than two thousand (2,000) gallons or a system utilizing an odd number of chamber rows, leach lines or trenches. Distribution boxes shall also be used when split soil absorption systems are installed.~~

~~8.2 Each distribution line or chamber row shall be connected separately to the distribution box. The outlet lines shall be set at the same level and four inches to six inches (4" to 6") above the bottom of the box. The inlet shall be at least one inch (1") above the outlet.~~

~~8.3 The size of the distribution box shall be sufficient to accommodate the required number of distribution lines. The box shall be of watertight construction.~~

~~8.4 The distribution box shall be installed on cast-in-place or on a pre-cast concrete pad that extends three inches (3") beyond its edge, or on compacted soil. The distribution box must be level and steady. Precautions must be taken during backfilling, after inspection and approval from the Health Authority, to prevent shifting of the distribution box.~~

DRAFT

Section 9
EFFLUENT DISPOSAL

9.1 **Location and Method.** The effluent from septic tanks shall be disposed of by a soil absorption system or by some other manner approved by the Health Authority provided such disposal does not create a nuisance or hazard to public health.

9.1.1 All soil absorption disposal units should be located at a point lower than the grade of any nearby water well, unless permission is obtained from the Health Authority.

9.1.2 The horizontal separation from a shallow absorption system to the foundation of a building or structure shall be at least eight feet (8'), and twenty feet (20') from a deep absorption system.

9.1.3 Effluent disposal fields shall not be located within one hundred feet (100') nor shall a deep absorption system be located within one hundred and fifty feet (150') of any well or watercourse.

9.1.4 Wells should be above the elevation of the septic system, as determined from the contour elevations.

9.1.5 Effluent disposal systems shall not be permitted in areas subject to flooding.

9.1.6 The size of the soil absorption system to be used for effluent disposal shall be determined through percolation tests made in accordance with **Section 15** of these Regulations.

9.2 **Pipe and Gravel Leach Fields**. The following design and construction procedures providing for gravel fill, and adequate distribution system and protection of the absorption area shall be observed (See Figure 4):

9.2.1 The bed shall have a minimum depth of thirty-six inches (36") below natural ground level to provide minimum earth backfill of twelve inches (12").

9.2.2 The bed should have a minimum of twenty-four inches (24") of gravel. The piping shall be laid on a minimum of eighteen inches (18") of gravel and shall be surrounded by the aggregate which shall extend at least two inches (2") above the top of the pipe.

9.2.3 The bottom of the bed and distribution pipe or perforated pipe shall be level or two inches per hundred feet (2"/100') maximum slope.

9.2.4 Lines for distributing effluent shall be spaced a minimum of six feet (6') apart and a minimum of three feet (3') from bed sidewall. The maximum length of lines distributing effluent shall be one hundred (100') feet.

9.2.5 Only straight tees are allowed for distribution piping in the leach field. Sanitary, sweeping and directional tees are prohibited.

9.2.6 Clean graded rock, gravel or similar aggregate ranging in size from one-half inch

DRAFT

(1/2") to two and one-half inches (2-1/2") shall be laid in the bed.

9.2.7 Distribution piping shall be perforated. The holes of the perforated pipe shall be pointed downwards.

9.2.8 The top of the aggregate shall be covered with untreated building paper or a two inch (2") layer of hay or straw to prevent the stone from becoming clogged by the earth backfill.

9.2.9 If the backfill cover over the aggregate exceeds three feet (3'), then aeration risers will be required (See Figure 11). If the horizontal separation of the deep absorption field is within twenty feet (20') or a shallow absorption field is within eight (8) feet of the foundation of a structure, building or retaining wall, a Cone of Influence Letter will be required.

9.3 **Chamber System Leach Fields.** Chamber system leach fields shall be gravel less. Leaching chambers allow for more of the soil profile to be used since the septic tank effluent is distributed to the ground below and the soil surrounding the chamber. Hence, the disposal area shall be thirty percent (30%) less than the area required for pipe and gravel disposal fields. All leaching chambers, along with their manufacturers, must be approved by the Health Authority prior to their installation. A list of approved leaching chambers and their manufacturers may be requested from the Health Authority.

9.3.1 The excavation in which leaching chambers are placed shall be level.

9.3.2 Leaching chambers shall be installed and connected based on the manufacturer's installation guidelines. This includes, without limitation, the feeder line connections and end caps.

9.3.3 Leaching chambers from different manufacturers shall not be used in combination.

9.3.4 The distribution header line or manifold shall be level and made of solid PVC piping, or other piping approved by the Health Authority.

9.3.5 The effluent line from the septic tank shall bisect the distribution header line or manifold in the middle, except when utilizing a distribution box. A chamber

DRAFT

system utilizing a distribution box must have outlet pipes from the distribution box connected directly to each chamber row.

9.3.6 Leaching chamber rows shall be equal in length and shall not exceed one hundred (100') feet. A distribution box shall be required for any configuration utilizing an odd number of chamber rows.

9.3.7 If more than one leaching chamber field is being installed, each field shall have an equal number of leaching chambers with a distribution box splitting the effluent flow between the fields. There shall be a minimum of five (5') feet separation between the leach fields.

9.3.8 There shall be no lateral spacing between individual chamber rows.

9.3.9 There shall be a minimum of one foot (1') of native backfill cover over of the leaching chambers.

9.3.10 If the backfill cover over the leaching chambers exceeds three feet (3'), then aeration risers shall be required (See Figure 11). If the horizontal separation of the deep absorption field is within twenty feet (20') or eight (8') feet for a shallow absorption field **or** within eight (8') feet of the foundation of a structure, building or retaining wall, a Cone of Influence Letter shall be required.

9.4 **Seepage Pits.** Seepage pits should be used when deeper soil formations are more porous than the upper soil. The seepage pits shall consist of a chamber, walled up with materials which allow water to percolate through it, such as a joint brick, concrete block, dry rubble or an approved equal. (See Figure 6)

9.4.1 The seepage pit must be designed by a State of Nevada registered professional engineer.

9.4.2 The capacity of the seepage pit shall be computed on the basis of percolation tests made in each vertical stratum penetrated. No allowance shall be made for impervious strata or bottom area.

9.4.3 The seepage pit bottom shall be left open to the soil.

9.4.4 Pits shall be backfilled with clean ½" to 2 ½" gravel to a depth of one foot (1') above the pit bottom.

9.4.5 The diameter of a pit shall not be less than five feet (5').

9.4.6 The annular space between the outside of the lining and the pit wall shall be a minimum of twelve inches (12").

DRAFT

9.4.7 The annular space shall be filled with coarse aggregate, one half inch (1/2") to one inch (1") in size to the top of the pit.

9.4.8 Seepage pits shall not extend into creviced rock formation and shall terminate at least five feet (5') above the maximum seasonal water table.

9.4.9 Each seepage pit shall be provided with a watertight cover equipped with a manhole and fresh air inlet.

9.4.10 The seepage pit shall not be deeper than its width.

9.5 **Subsurface Drip Disposal Systems (SDD).** This system uses small diameter (usually ½") piping with underground emitters, which are preceded by a treatment system, approved by the Health Authority that conforms to the manufacturer's specifications for that system. Subsurface drip disposal systems are often used for sites with adverse conditions such as insufficient depth to a restrictive horizon, groundwater, and steep slopes.

9.5.1 The effluent shall be adequately filtered before distribution through the underground emitter system.

9.5.2 All subsurface drip disposal systems shall be designed and all plans submitted, signed and sealed by a State of Nevada registered professional engineer.

9.5.3 A contract with a Heath Authority approved maintenance provider is required for the life of all subsurface drip disposal systems.

9.5.4 The subsurface drip disposal system shall be installed and maintained by the manufacturer or his designee.

9.5.5 To insure equal dosing of the drip disposal field, there shall be no more than a ten percent (10%) variation in the flow between any two emitters in the entire drip disposal field.

9.5.6 The primary treatment facility and dosing chamber shall be designed, constructed and installed to insure that all joints, seams, and component parts shall preclude infiltration of groundwater and the release of wastewater or liquids.

9.5.7 All electrical equipment shall be protected with safety devices (ground fault circuit interrupters, fuses, etc). All electrical equipment shall comply with appropriate National Electrical Manufacturer's Association (NEMA) requirements. Electrical components shall be covered by a manufacturer's limited warranty.

DRAFT

9.5.8 Valves, fittings and level control switches and all other components shall be designed and manufactured to resist the corrosive effects of wastewater and common household chemicals.

9.5.9 Prior to the design of the subsurface drip disposal system, the suitability of the site must be demonstrated through acceptable soil percolation tests and other topographical characteristics. The design and construction of the surface drip disposal system shall conform to the manufacturer's specification and to all criteria outlined in these Regulations.

9.5.10 Dosing Tanks for Subsurface Drip Disposal Systems.

9.5.10.1 The dosing tank shall have grade level access large enough to allow servicing and/or removal of the largest component in the chamber. All access ports shall be protected against unauthorized entrance or removal.

9.5.10.2 The dosing tank shall be made of material that is watertight, resistant to the corrosive effects of wastewater, and designed to withstand the lateral and bearing loads to which it is expected to be subjected.

9.5.11 Minimum Pump Specifications for Subsurface Drip Disposal Systems.

9.5.11.1 Only timed dosing subsurface drip disposal systems shall be permitted.

9.5.11.2 The pumping system shall be capable of dosing the drip field a minimum of six (6) equally spaced doses per twenty-four hour (24 hour) period. Each dose volume shall not exceed the estimated maximum daily flow divided by the number of dosing cycles.

9.5.11.3 The pump system shall be designed to discharge the required volume of wastewater within the pressure range specified by the tubing manufacturer.

9.5.11.4 The pump shall be equipped with a low water cutoff to prevent damage to pump during low water conditions in the dosing chamber.

9.5.11.5 The pump shall be constructed with corrosive resistant materials suitable for effluent pumping.

DRAFT

9.5.11.6 The pump shall be sized based on the manufacturer's specifications to meet or exceed the hydraulic requirement of the system. The pump shall also be installed in compliance with manufacturer's specifications so as not to violate the pump warranty.

9.5.11.7 The suction pressure lines shall be PVC schedule 40 or equal and sized to meet or exceed the hydraulic requirements of the system.

9.5.12 Minimum Filter Requirements for Subsurface Drip Disposal Systems.

9.5.12.1 The effluent shall be filtered to the specifications of the drip disposal manufacturer to prevent clogging of the emitters.

9.5.12.2 The filter shall achieve the required filtration rate at a rate equal to or greater than the peak discharge rate, including filter and/or system backwash, from either the treatment facility or pump, where applicable.

9.5.12.3 The filter shall be made of material resistant to the corrosive effects of wastewater and common household chemicals.

9.5.12.4 The filters shall be readily accessible for inspection and/or service.

9.5.12.5 The filter flush volume and velocity shall be based on the manufacturer's specifications.

9.5.12.6 The filter residue shall be returned to the treatment facility.

9.5.13 Minimum Specifications for Subsurface Drip Disposal Fields

9.5.13.1 Drip disposal lines shall be installed in the "A" horizon six to eight inches (6" – 8") deep. The maximum depth shall not exceed eighteen inches (18"). In all cases, there shall be a minimum of twelve inches (12") separation between the water table and the restrictive horizon.

9.5.13.2 The drip lines may be installed using any of the following methods:

9.5.13.2.1 Installed in a trench excavated by a trenching machine.

DRAFT

9.5.13.2.2 Installed using an approved plowing method. The insertion tool must be of the type that does not pull or stretch the drip line during insertion. The use of "cable plows" or any type insertion method that employs pulling the drip line through the plowed trench is prohibited.

9.5.13.3 A subsurface drip disposal system shall contain, if necessary, pressure compensating devices or regulators to insure equal distribution from all emitters at +/- 10 % of the designed discharge rate.

9.5.13.4 The drip lines shall be on contour and shall not be installed perpendicular (or up and down, etc) to the slope. The difference in a drip line or the entire grid shall not exceed the manufacturer's specifications.

9.5.13.5 The length of each distribution line shall not exceed one hundred feet (100').

9.5.13.6 Vacuum breakers shall be installed based on the manufacturer's specification, a minimum of one vacuum breaker / air release valve for each drip field zone.

9.5.13.7 All materials shall meet applicable American Society for Testing and Materials (ASTM) standards and be resistant to common manufacturer as designed and manufactured for the disposal of wastewater. **The drip line tubing must be color coded, by the manufacturer, to be easily identified as tubing designed for wastewater disposal.**

9.5.13.8 The separation between emitter line laterals shall be a minimum of two feet (2').

9.5.13.9 Lateral spacing of three feet (3') or more should be used for slopes 20% or greater.

9.5.13.10 Drip disposal tubing shall be either four inches (4") lower than the supply manifolds or water breaks shall be used to prevent effluent from flowing from drip trenches to the supply manifold trenches.

9.5.13.11 Vacuum breaker shall be located in a protective enclosure that will prevent the accumulation of any substance that would prevent their proper operation and shall have a grade level access.

DRAFT

~~9.5.13.12 Equipment susceptible to freezing must be adequately protected to prevent freezing.~~

~~9.5.13.13 A system must be provided for the flushing of distribution lines to prevent the build-up of solids in the distribution system, with its discharge returning to the treatment facility. The system shall be capable of achieving a flushing velocity of a minimum of two feet per second (2 ft/s). The return line must be permanently installed as a component of the system. **A hose bib shall be prohibited as a component part of the drip disposal system**.~~

~~9.5.14 Placement of Subsurface Drip Disposal System.~~

~~9.5.14.1 All components of the drip disposal system shall be located a minimum of:~~

~~9.5.14.1.1 Eight feet (8') from the foundation of any building, structure or retaining wall.~~

~~9.5.14.1.2 Ten feet (10') from any property line.~~

~~9.5.14.1.3 Twenty-five feet (25') from any water supply line and water circulation lines of a swimming pool or spa and pool equipment.~~

~~9.5.14.2 The aerobic treatment unit, pump chamber, and drip disposal field shall be located a minimum of one hundred feet (100') from any well or watercourse.~~

~~9.5.14.3 Where a water supply line must cross over a sewer line, the bottom of the water service within ten feet (10') of the point of crossing shall be at least eighteen inches (18") above the top of the sewer line.~~

~~9.5.14.4 The drip disposal field shall not be located in an area subject to vehicular access or traffic, or any area to be paved.~~

~~9.5.14.5 There shall be a ten feet (10') minimum horizontal separation between any tree and the drip disposal field, aerobic treatment unit or dosing chamber.~~

DRAFT

9.6 **Mound System.** Also known as the "Wisconsin Mound," disposal is characterized by an above-grade infiltration bed system that blends with the land surface into which is dispensed pressure dosed wastewater from a septic tank or an alternative treatment system. Mound systems are usually installed in areas with high groundwater tables, slow or fast permeability soils, and shallow cover over creviced or porous bedrock.

9.6.1 Design of Mound System.

9.6.1.1 All mound systems shall be designed and all plans submitted, signed and sealed by a State of Nevada registered professional engineer. The design shall generally be based on the most current edition of the "Wisconsin Mound Soil Absorption System: Siting, Design and Construction Manual," published by the University of Wisconsin – Madison Small-Scale Waste Management Projects, with the following inclusions:

9.6.1.2 The mound system may be built over natural existing soil with a percolation rate between three (3) to sixty (60) minutes per inch provided:

9.6.1.3 The minimum separation distance between the anticipated maximum groundwater table and the natural ground surface shall be twelve (12") inches.

9.6.1.4 A minimum of one foot (1') of mound fill and one foot (1') of natural soil percolating between three (3) to sixty (60) minutes per inch is available to form the minimum two feet (2') of unsaturated soil below the bottom of the absorption system.

9.6.1.5 At least thirty-six inches (36") of suitable soil percolating between three (3) to sixty (60) minutes per inch is available between bedrock and impervious strata and the native ground surface.

9.6.1.6 Effluent shall be applied to the inlet surface of the mound media at not more than one (1) gallon per day per square foot of mound bed inlet surface if the mound bed media conforms with the "Standard Specification for Concrete Aggregates, C33-03," published by the American Society for Testing Materials and the Wisconsin Mound manual, except if cinder sand is used that is the appropriate grade with not more than five percent (5%) passing a #200 screen.

9.6.1.7 The top and bottom surfaces of the aggregate infiltration bed shall be level and shall not exceed ten feet (10') in width.

DRAFT

9.6.1.8 The minimum depth of the aggregate infiltration bed shall be nine inches (9").

9.6.1.9 The minimum thickness of aggregate media around the distribution pipes of the absorption system shall be equal to:
= six inches (6") below the distribution pipe + the diameter of the distribution pipe + two inches above the distribution pipe **or** ten inches (10"), whichever is greater.

9.6.1.10 The synthetic fiber placed on the top surface of the aggregate infiltration bed shall be permeable to water and air and capable of supporting the cap and topsoil load.

9.6.1.11 The slope of the native ground surface shall not exceed twenty-five percent (25%) for the installation of a mound system.

9.6.1.12 The aggregate infiltration bed and mound bed shall be capped by coarser textured soil, such as sand, sandy loam or silt loam. Clay or clay loam is prohibited.

9.6.1.13 Ports shall be included for inspection and monitoring to verify performance, including verification of unsaturated flow within the aggregate infiltration bed by:

9.6.1.13.1 Installing a vertical PVC pipe with a minimum diameter of four inches (4") as an inspection port at the end of the disposal line, and

9.6.1.13.2 Installing the pipe with physical restraint to maintain the pipe position.

9.6.1.14 The main pressurized line and secondary distribution lines for the aggregate infiltration bed shall be equipped at appropriate locations with cleanouts to grade.

9.6.1.15 The top soil shall be graded to drain surface water from the system and adjoining area.

9.6.1.16 Setback shall be increased for the following down slope features to thirty feet (30') from the toe of the mound system:

9.6.1.16.1 Property line.
9.6.1.16.2 Driveway.
9.6.1.16.3 Foundation of building or structure.

DRAFT

9.6.1.16.4 Ditch or interceptor drain, or any feature that impedes water movement away from the mound.

9.6.2 Installation and Construction Details.

9.6.2.1 The site shall be cleared of vegetation and trees cut down in the vicinity of the basal area site to within two (2) inches of the surface. Leave bounders and tree stumps and other herbaceous material that would excessively alter the soil structure if removed after the site is cleared. The native soil serving the basal area footprint shall be plowed along contours to a seven to eight inch (7" – 8") depth. Begin construction immediately after plowing.

9.6.2.2 Each layer of the system shall be placed to prevent differential settling and promote uniform density.

9.6.3 **Maintenance Provider.** A contract with a Heath Authority approved maintenance provider is required for the life of all mound systems.

9.7 Absorption Trenches

9.7.1 The bottom of the trench shall be laid level at a minimum depth of thirty-six inches (36") below ground level. The width of the trench shall be a minimum of eighteen inches (18") to a maximum of thirty-six inches (36"). Trenches shall be spaced in accordance with the following formula: the minimum spacing between trenches, measured from sidewall to sidewall = 2 x total depth (distance from finished grade to bottom of excavation).

9.7.2 Trenches shall not be excavated when the soil is wet enough to smear or compact easily.

9.7.3 Trench bottom and sidewall areas damaged or compacted during excavation shall be raked to a depth of one inch (1") and loose material removed before gravel is placed in the trench.

9.7.4 Distribution piping shall be four inches (4") minimum diameter and PVC.

9.7.5 The distribution pipe shall be surrounded by clean graded gravel or rock ranging in size from one-half inch (1/2") to two and one-half inches (2-1/2"). The aggregate shall extend from at least two inches (2") above the top of the pipe to at least eighteen inches (18") but not more than seventy-two (72") below the bottom of the pipe.

DRAFT

9.7.6 The top of the aggregate shall be covered with untreated building paper, a two inch (2") layer of hay / straw to prevent the stone from becoming clogged by the earth backfill.

9.7.7 The length of pipe lines and individual trenches shall not exceed one hundred feet (100').

9.7.8 Aeration risers (see Figure 11) shall be required if the backfill cover over the distribution pipes exceeds three feet (3').

9.7.9 Trench beds with multiple trench lines shall be equal in length.

9.8 **Aerobic Treatment Unit (ATU).** An aerobic treatment unit is used when enhanced biological processing is needed to treat wastewater with high organic content, when soil or site condition are not adequate for installation of a standard septic system, or when highly treated wastewater amenable to disinfection is needed.

9.8.1 Certification. All aerobic treatment units must be certified by the National Sanitation Foundation (NSF) Standard 40, Class I, or authorized by the Nevada Department of Environmental Protection (NDEP) or the State Health Authority.

9.8.2 Design of Aerobic Treatment Unit

9.8.2.1 ATUs shall only treat influent, which have a 100 mg/L to 300 mg/L total organic compounds, and 100 mg/L to 350 mg/L total suspended solids (TSS), unless certification provided by the manufacturer is approved by the Health Authority.

9.8.2.2 The wastewater shall be delivered to the aerobic treatment unit by gravity flow either directly or by a lift pump.

9.8.2.3 The ATU shall be constructed of non-corrosive materials.

9.8.2.4 Mechanical and electrical components shall either be waterproofed and/or protected from the elements

9.8.2.5 Air diffusers shall be constructed of PVC or other approved materials.

9.8.2.6 A clarifier shall be provided after aeration.

9.8.2.7 An interceptor or other pretreatment device shall be incorporated, if necessary, or if recommended by the manufacturer for pretreatment.

DRAFT

9.8.2.8 Ports for inspection and monitoring shall be provided to verify performance.

9.8.2.9 The ATU shall be equipped with an audio and visual alarm to warn of compressor failure / aerator failure and high groundwater.

9.8.3 Installation requirements for Aerobic Treatment Units.

9.8.3.1 Installation of the aerobic treatment components shall conform to manufacturer's specifications.

9.8.3.2 The excavation, foundation, and backfill placement shall be performed to prevent differential settling and adverse drainage conditions.

9.8.4 Operation and Maintenance.

9.8.4.1 A contract with a maintenance provider approved by the Health Authority is required for the life of all aerobic treatment units.

9.9 **Absorption Area.** The absorption area required for seepage pit, pipe and gravel leach field, and absorption trenches shall be determined from Table V using soil percolation test data.

DRAFT

TABLE V

Minimum Liquid Capacity of Septic Tank (in Gallons)	Required Absorption Bottom Area for Seepage Beds (Pipe and Gravel Leach Field) or Sidewall Area for Seepage Pits and Trenches (in Square Feet)							
1000	350	400	450	635	775	1100	1345	1550
1200	420	480	540	760	935	1315	1610	1860
1500	520	600	710	350	1165	1645	2015	2325
2000	700	800	900	1272	1550	2200	2690	3100
2250	788	900	1013	1429	1744	2475	3075	3488
2500	875	1000	1125	1588	1940	2750	3363	3875
2750	963	1100	1238	1747	2132	3025	3699	4263
3000	1050	1200	1350	1905	2325	3300	4035	4650
3250	1138	1300	1463	2064	2519	3575	4371	5038
3500	1225	1400	1575	2223	2713	3850	4708	5425
Percolation Rate Time in Minutes for Water to Fall One Inch	3 (c)	4	5	10	15	30 (a)	45 (a)	60 (a) & (b)

NOTE: Reduce absorption field area by thirty percent (30%) when using leaching chambers

a) Unsuitable for seepage pits if over thirty (30)
b) Soils with a percolation rate over sixty (60) minutes per inch shall not be used for absorption systems
c) A minimum percolation rate of three (3) minutes per inch shall be used to calculate absorption area requirements.

DRAFT

9.9.1 **Dosing Tanks.** When the quantity of septic tank effluent to be discharged into the soil absorption system exceeds the amount that can be disposed of through five hundred (500) lineal feet of pipe, a dosing tank, equipped with an automatic siphon, shall have a capacity equal to combined volume of the pipe lateral exceeds one thousand feet (1,000'), the dosage tank shall be provided with two (2) automatic siphons dosing alternately and each serving one-half (1/2) of the pipe field.

NOTE: Each foot of four-inch (4") pipe has a capacity of 0.652 gallons; five-inch (5") pipe, 1.02 gallons; six-inch (6") pipe 1.46 gallons; seven-inch (7") pipe, 2.012 gallons; eight-inch (8") pipe, 2.599 gallons; 10-inch (10") pipe, 4.0195 gallons; 12-inch (12") pipe, 5.875 gallons. The amount of pipe required is governed by the lay of the land and character of the soil. This is important and must receive careful attention. The drainage surface of the ground and in cases where it is necessary to lay the pipe deeper than three feet (3'), an adequate system of ventilation should be provided.

9.10 **Sand Layer Requirement.**

9.10.1 If the soil percolation rate is less than one (1) minute per inch, a sand layer shall be required. The sizing of the absorption field shall be the minimum absorption field area that corresponds to three (3) minutes per inch percolation rate.

9.10.2 The geo-textile fabric shall be "Mirafi" (140 NC) or equal N-series non-woven polypropylene for soil separation, filtration and protection. The sand layer shall utilize fine sand or loamy sand with the following gradation and requirements:

Sieve Size	Percentage by Weight Passing
3/8"	100%
No. 4	80% - 100%
No. 200	0% - 5%

9.10.3 The plasticity index shall not exceed nine (9). The soluble sulfate content shall not exceed 0.3% by dry weight of soil. The uniformity coefficient shall be less than four (4). The infiltration rate shall be between 1.5 gpd /sf and 2.5 gpd / sf. A sieve analysis of the sand to be used for the sand layer shall be submitted for approval to the Health Authority prior to the sand layer inspection.

9.10.4 The sand layer shall be a minimum of twenty-four (24") inches below the absorption field.

9.10.5 Sand Layer with Chamber Leach Field (see Figure 10):

9.10.5.1 There shall be at least two (2) inspections by the Health Authority:

DRAFT

~~**First Inspection**: Inspection of the excavation below subsequent placement of leaching chambers, with the bottom of the excavation exposed to verify that bedrock is fractured to a minimum depth of two feet (2') below the bottom of proposed leaching chambers, and that the bottom of the excavation is lined with the geo-textile fabric.~~

~~**Second Inspection**: Inspection to verify that a sand layer at a minimum of twenty four inches (24") is overlying geo-textile fabric and that the fabric extends at least six inches (6") vertically above top of sand layer. The chamber leach field and septic tank installed shall be inspected to determine if it is in compliance with these Regulations.~~

~~9.10.5.2 Sand Layer with a Pipe and Gravel Leach Field (See Figure 10A): There shall be at least two (2) inspections by the Health Authority:~~

~~**First Inspection**: Inspection of the excavation below the subsequent placement of coarse gravel (½" to 2 ½"), with the bottom of the excavation exposed to verify that bedrock is fractured to a minimum depth of two feet (2') below the bottom of the proposed pipe and gravel leach field, and that the bottom of the excavation is lined with the geo-textile fabric.~~

~~**Second Inspection**: Inspection to verify that a sand layer at a minimum of twenty four inches (24") is overlying geo-textile fabric and that the fabric extends at least six inches (6") vertically above top of sand layer. The pipe and gravel leach field and septic tank installed shall be inspected to determine if it is in compliance with these Regulations.~~

Chapter 5 – ISDS Design and Construction Requirements

5-1 Performance Requirements

(A) All ISDS must meet the following performance requirements:
  (1) EFLLUENT must not contaminate groundwater or surface water;
  (2) EFLLUENT must not pond around the footings of any structure; and
  (3) Wastewater must not reenter the structure.

(B) All ISDS must be designed, constructed, installed, operated, and maintained in accordance with current scientific and engineering knowledge and best practices.

(C) An ISDS that is designed, constructed, installed, operated, and maintained according to the prescriptive standards defined in this Chapter is presumed to meet the performance requirements of this Subsection, unless the HEALTH AUTHORITY determines that the ISDS

DRAFT

will not adequately protect public health due to circumstances unique to the site or the intended use of the ISDS.

5-1.01 Influent and Effluent Standards

(A) HIGH STRENGTH WASTEWATER is wastewater that contains any constituent that exceeds the concentrations typically found in DOMESTIC WASTEWATER, as defined in the following table:

Table 5-1 Wastewater Characteristics and Treatment Standards

Wastewater Constituent	Typical Concentration (mg/L)		Maximum Concentration (mg/L)	
	Domestic Wastewater	Septic Tank Effluent	Advanced Treatment I	Advanced Treatment II
Total Suspended Solids (TSS)	200	80	30	10
Biochemical Oxygen Demand (BOD_5)	300	180	-	-
Carbonaceous Biochemical Oxygen Demand ($CBOD_5$)	-	-	25	10
Oil and Grease (O&G)	50	25	-	-
Total Nitrogen	-	40	> 50% Reduction	20

(B) HIGH STRENGTH WASTEWATER, including, without limitation, wastewater from food preparation, laundry service, or auto washing, must be pretreated to produce EFFLUENT that has a strength no greater than the maximum concentrations listed for pretreated EFFLUENT in **Table 5-1** before discharge into a SEPTIC TANK, HOLDING TANK, or other storage or treatment unit.

(C) Pretreatment devices are required in the following circumstances, without limitation:

(1) Food establishments must provide a grease interceptor that is designed, constructed, installed, operated, and maintained in accordance with the most current edition of the *Southern Nevada Health District Regulations Governing the Sanitation and Safety of Food Establishments* and with the requirements of the most current edition of the *Uniform Plumbing Code* approved by the local jurisdiction.

(2) Laundromats must provide a lint interceptor that is designed, constructed, installed, operated, and maintained in accordance with the requirements of the most current edition of the *Uniform Plumbing Code* approved by the local jurisdiction.

(3) Auto washes, garages, and any COMMERCIAL FACILITY with air conditioning condensate waste lines and evaporative cooler overflow lines must provide a sand-oil interceptor that is designed, constructed, installed, operated, and maintained in accordance with the requirements of the most current edition of the *Uniform Plumbing Code* approved by the local jurisdiction.

(D) An interceptor or separator that is required pursuant to this Subsection must be:

DRAFT

(1) Accessible for service and maintenance; and
(2) Maintained by periodic removal of accumulated grease, scum, oil, or other floating substances and solids deposited in the interceptor or separator.

(E) Removal of accumulated grease, scum, oil, or other floating substances and solids deposited in an interceptor or separator must be performed by a permitted LIQUID WASTE HAULER in accordance with **Chapter 10** of these Regulations.

5-1.02 Alternative Treatment Systems

(A) Public domain technology ALTERNATIVE TREATMENT SYSTEMS must be:
(1) Designed and stamped by a State of Nevada registered professional engineer; and
(2) Designed, installed, operated, and maintained according to a standard created by a nationally or internationally recognized organization.

(B) Proprietary ALTERNATIVE TREATMENT SYSTEMS must be:
(1) Designed, constructed, installed, operated, and maintained according to the manufacturer's instructions;
(2) Approved by the HEALTH AUTHORITY in accordance with **Chapter 7** of these Regulations; and
(3) Certified or approved for use by the National Sanitation Foundation (NSF) under NSF/ANSI Standard 40 or an equivalent standard approved by the HEALTH AUTHORITY.

5-2 Design Flow Determination

5-2.01 Residential Design Flow Determination

(A) For a Residential ISDS, the design flow may be based on the number of bedrooms, or the total number of plumbing fixture units served by the ISDS, in accordance with the following table:

Table 5-2 Single-Family Residential Design Flows

Bedrooms	Fixture Units	Design Flow[1] (GPD)
1	1-7	150
2	8-14	300
3	15-21	450
4	22-28	600
5	29-35	750
6	36-42	900
7	43-49	1050
≥ 8	≥ 50	≥ 1200[2]

[1] If the number of bedrooms and the fixture unit count correspond with different design flows, the larger design flow must be used.
[2] Each additional bedroom represents an additional 150 GPD and each additional fixture unit represents an additional 20 GPD.

DRAFT

(B) When fixture units are used as the basis for determining the design flow for a Residential ISDS, the number of fixture units must be determined in accordance with the following table:

Table 5-3 Residential Fixture Units

Type of Fixture	Fixture Units
Bathroom Sink (Lavatory)	1
Bathtub	2
Bidet	1
Clothes Washer	2
Floor Drain	2
Kitchen Sink (With or Without Dishwasher)	2
Laundry Tub	1
Shower	2
Toilet (Water Closet)	2
Vegetable Sink, Wet Bar, and Other Sinks	1

5-2.02 Commercial Design Flow Determination

(A) Design flows and organic loads from a COMMERCIAL FACILITY must be determined by a professional engineer or an alternative approved by the HEALTH AUTHORITY.

(B) The design flow for a Commercial ISDS may be based on the total number of plumbing fixture units served by the ISDS or as a function of the proposed use and size of the facility, in accordance with the most current edition of the *Uniform Plumbing Code*, or an alternative approved by the HEALTH AUTHORITY.

(C) When the proposed design flow or organic load is not calculated in accordance with the *Uniform Plumbing Code*:

(1) The design flow or organic load may be determined using one or more of the following alternative data sources, which are listed in order of decreasing importance:

(a) Flow data from the facility that will be served by the proposed ISDS;

(b) Flow data from similar facilities within the jurisdiction of the HEALTH AUTHORITY;

(c) Flow data from similar facilities in other jurisdictions; or

(d) Occupancy or operation patterns from the facility that will be served by the proposed ISDS.

(2) The HEALTH AUTHORITY must approve the alternative method of determining the design flow or organic load.

5-3 Building Sewer Line

(A) The sewer line connecting a building drain to the SEPTIC TANK, including cleanouts and fittings, must be installed in accordance with:

(1) The most current edition of the *Uniform Plumbing Code* approved by the local jurisdiction;

(2) The most current edition of the *International Building Code* approved by the local jurisdiction, including the Southern Nevada Amendments; and

(3) All applicable requirements of the local building department and other local agencies.

DRAFT

(B) A secondary sewer line must be installed to facilitate future connection to a COMMUNITY SEWERAGE SYSTEM in accordance with the following requirements:
  (1) It must begin at the cleanout closest to the building or the SEPTIC TANK;
  (2) It must extend to within one foot (1') of the front property line;
  (3) It must be the same diameter and made of the same material as the rest of the sewer line; ~~and~~
  (4) It must be capped at both ends;
  (5) It must be sloped to promote gravity flow, except as otherwise required by the COMMUNITY SEWERAGE SYSTEM with jurisdiction; and
  (6) The location and invert elevation of each end and equally spaced points along the line must be documented on an AS-BUILT drawing submitted to the HEALTH AUTHORITY.

5-4 Septic Tank Design and Construction

(A) All SEPTIC TANKS and their manufacturers must be approved by the HEALTH AUTHORITY before installation.
(B) All SEPTIC TANKS must be:
  (1) Structurally sound, capable of bearing all anticipated live and dead load conditions exerted on a buried tank, including, without limitation:
    (a) Tank empty and full; and
    (b) Tank installed above and below the water table.
  (2) Watertight to the outlet hole;
  (3) Sized to provide a minimum hydraulic retention time of 48 hours based on the design flow;
  (4) Constructed, installed, operated, and maintained in accordance with:
    (a) The manufacturer's recommendations; and
    (b) The most recent edition of the *Uniform Plumbing Code*, or an equivalent standard approved by the HEALTH AUTHORITY.
(C) The HEALTH AUTHORITY may require an EFFLUENT filter to be installed in the outlet tee of the SEPTIC TANK.
(D) The SEPTIC TANK must contain two compartments in which the first compartment comprises at least half, but no more than two-thirds, of the required volume, except when the SEPTIC TANK is part of a series installation in accordance with **Subsection 5-4(I)**.
(E) The top of the SEPTIC TANK must be no more than four feet (4') below finished grade unless otherwise recommended by the manufacturer.
(F) The minimum size of the SEPTIC TANK is determined according to the following table:

Table 5-4 Septic Tank Sizing

Design Flow (gal/day)	Minimum Liquid Capacity (gal)
< 450	1000
451 – 600	1200
601 – 750	1500
751 – 1000	2000
1001 – 1200	2500

DRAFT

(G) For design flows exceeding 1200 GPD, the minimum liquid capacity of the SEPTIC TANK must be increased by 500 gallons for each additional 250 GPD design flow or portion thereof.

(H) All SEPTIC TANKS constructed, installed, replaced, or repaired after the effective date of these Regulations must be equipped with access risers so that they are easily identifiable and accessible from the ground surface.

(1) Access risers must be equipped with lids that:

(a) Are watertight;

(b) Are brought to or above the surface; and

(c) Have a secure closing mechanism to prevent unauthorized access, such as a lock, special headed bolts or screws, or other mechanism that conforms with the most current edition of the ASTM C1227 Standard, or an equivalent standard approved by the HEALTH AUTHORITY.

(2) Access openings must be accessible to LIQUID WASTE HAULER vehicles.

(3) All exposed access openings must be guarded.

(4) Covers, risers, and lids must be capable of bearing the expected live and dead loads.

(I) Two SEPTIC TANKS may be installed in series when the following criteria are met:

(1) Both tanks consist of a single compartment;

(2) Both tanks were constructed by the same manufacturer;

(3) The primary tank is sized to provide a minimum hydraulic retention time of 24 hours based on the design flow;

(4) The tanks are separated by no more than three feet (3') and connected by a level four-inch (4") nominal size solid Schedule 40 polyvinyl chloride (PVC), polyethylene (PE), acrylonitrile-butadiene-styrene (ABS), or equivalent, or other pipe approved by the HEALTH AUTHORITY;

(5) Inlet and outlet tees are installed in each tank; and

(6) An EFFLUENT filter that is certified or approved for use under NSF/ANSI Standard 46 must be installed in the outlet tee of the primary tank.

5-5 Effluent Distribution

(A) EFFLUENT must be distributed evenly to all DISTRIBUTION LINES.

(B) EFFLUENT distribution by gravity flow must be accomplished using a piping manifold or DISTRIBUTION BOX.

(C) EFFLUENT may be distributed by a pressure distribution system when:

(1) A gravity flow system is unsuitable, inadequate, unfeasible, or cost prohibitive because of site limitations or other conditions;

(2) Necessary to optimally distribute SEWAGE; or

(3) Required as part of an ALTERNATIVE TREATMENT SYSTEM.

(D) Pressure distribution systems must be constructed, installed, operated, and maintained in accordance with NAC 445A.9664 and 445A.969.

(E) The DISTRIBUTION BOX, piping manifold, or other EFFLUENT distribution device must be separated from the SEPTIC TANK and SOIL ABSORPTION SYSTEM by a minimum of two feet (2') of undisturbed soil.

(F) A DISTRIBUTION BOX must be used for EFFLUENT distribution when:

DRAFT

(1) The SOIL ABSORPTION FIELD is composed of more than two DISTRIBUTION LINES; or
(2) The ISDS utilizes a split SOIL ABSORPTION FIELD.

(G) A piping manifold may be used for EFFLUENT distribution only when a DISTRIBUTION BOX is not required.

5-5.01 Specific Requirements for Piping Manifolds

(A) The piping manifold must be constructed of a minimum of three-inch (3") nominal size solid Schedule 40 or SDR-35 polyvinyl chloride (PVC), polyethylene (PE), acrylonitrile-butadiene-styrene (ABS), or equivalent, or other pipe approved by the HEALTH AUTHORITY.

(B) The piping manifold must be level and steady and all joints must be watertight.

(C) The EFFLUENT line from the SEPTIC TANK must bisect the piping manifold using a bidirectional straight tee fitting only.

5-5.02 Specific Requirements for Distribution Boxes

(A) Each DISTRIBUTION BOX must be:
(1) Constructed of corrosion-resistant concrete, SEWAGE-compatible plastic, or other material approved by the HEALTH AUTHORITY;
(2) Installed, operated, and maintained in accordance with the manufacturer's recommendations;
(3) Level, steady, and watertight; and
(4) Installed on a cast-in-place or pre-cast concrete pad that extends three inches (3") beyond its edge.

(B) Each DISTRIBUTION LINE must be connected separately to the DISTRIBUTION BOX.

(C) The DISTRIBUTION BOX must have a single inlet set at least one inch (1") above the outlets.

(D) The outlet inverts must be set at the same level and four inches (4") to six inches (6") above the bottom of the DISTRIBUTION BOX.

(E) FLOW EQUALIZERS must be installed in each outlet of the DISTRIBUTION BOX.

5-6 Soil Absorption Systems

(A) SOIL ABSORPTION SYSTEMS must be designed, constructed, installed, operated, and maintained to achieve adequate hydraulic performance and provide adequate treatment of EFFLUENT.

5-6.01 Soil Absorption System Sizing

(A) The required area of the SOIL ABSORPTION SYSTEM shall be calculated based on the LONG-TERM ACCEPTANCE RATE (LTAR) of the soil at the site of the proposed ISDS.

(B) The LTAR shall be determined based on the limiting hydraulic and organic loading rates that will result in adequate biological and chemical treatment of pollutants.

(C) The LTAR for DOMESTIC WASTEWATER shall be determined in accordance with the following table:

Table 5-5
Long-Term Application Rates for
Domestic Wastewater Application to Soil Absorption Systems

Soil Texture	Soil Structure		Approximate Corresponding	LTAR (gal/day/ft^2)		
	Shape	Grade		Septic	Advanced	Advanced

DRAFT

			Percolation Rate (min/in)	Tank	Treatment Level I	Treatment Level II
Gravel	Single Grain	Structureless	< 1	Unsuitable; Engineered Treatment System Required		
Coarse Sand	Single Grain	Structureless	1 – 5	1.2	1.4	1.55
Sand	Single Grain	Structureless		1.0	1.4	1.55
Loamy Coarse Sand, Loamy Sand, Fine Sand, Very Fine Sand	Single Grain	Structureless	6 – 15	0.8	1.4	1.55
Coarse Sandy Loam, Sandy Loam, Fine Sandy Loam, Very Fine Sandy Loam, Loam, Silt Loam	Prismatic, Blocky, Granular	Moderate, Strong	16 – 40	0.6	0.8	0.9
		Weak		0.5	0.8	0.9
	Massive	Structureless				
Silt, Sandy Clay Loam, Clay Loam, Silty Clay Loam	Prismatic, Blocky, Granular	Moderate, Strong	41 – 60	0.35	0.55	0.65
		Weak	61 – 75	0.3	0.45	0.55
	Massive	Structureless				
Sandy Clay, Silty Clay, Clay	Prismatic, Blocky, Granular	Moderate, Strong	76 – 90	0.2	0.3	0.3
		Weak	91 – 120	0.15	0.2	0.2
	Massive	Structureless				
All Textures	Platy	All Grades	> 120	0.1	0.15	0.15
Bedrock, Hardpan (Caliche), Fragipan, Duripan	N/A	N/A		Unsuitable; Engineered Treatment System Required		

(D) The soil texture and structure shall be determined from the Site Evaluation required pursuant to **Chapter 4**.

(E) The LTAR shall be based on the most hydraulically limiting naturally occurring soil horizon to a depth of four feet (4') below the bottom of the SOIL ABSORPTION SYSTEM.

(F) The minimum area of the SOIL ABSORPTION SYSTEM is calculated using the following equation:

$$A = \left(\frac{Q}{LTAR}\right)(F), \text{ where:}$$

(1) "A" is the minimum required absorption area;

DRAFT

(2) "Q" is the design flow, which is determined from **Table 5-1**, **Table 5-2**, and/or **Table 5-3**;
(3) "LTAR" is the LONG-TERM ACCEPTANCE RATE, which is determined using **Table 5-5**; and
(4) "F" is a size adjustment factor, which is determined from **Table 5-6**.

Table 5-6 Size Adjustment Factors (F)

Distribution Media	Configuration	Distribution Method	
		Gravity	Pressure Dosed
Rock or Gravel	Trench	1.0	0.8
	Bed	1.2	1.0
Chambers and Other Gravelless Media	Trench	0.7	0.7
	Bed	0.84	0.84

(G) The LTAR must not be based solely upon the results of percolation testing.
(H) The HEALTH AUTHORITY may allow for a reduced area of the SOIL ABSORPTION SYSTEM when the ISDS includes an ADVANCED TREATMENT SYSTEM.

5-6.02 Soil Absorption System Construction and Installation

(A) Pipes used for distribution of EFFLUENT must be constructed of a minimum of three-inch (3") nominal size perforated Schedule 40 polyvinyl chloride (PVC), polyethylene (PE), acrylonitrile-butadiene-styrene (ABS), or equivalent, or other pipe approved by the HEALTH AUTHORITY.
(B) The SEPTIC TANK and SOIL ABSORPTION SYSTEM must be separated by a minimum of five feet (5') of undisturbed soil.
(C) Each DISTRIBUTION LINE must be of equal length and must not exceed 100 feet.
(D) The INFILTRATIVE SURFACE and all DISTRIBUTION LINES must be level, with a maximum slope of two inches per hundred feet (0.16%).
(E) Each DISTRIBUTION LINE must be covered by a minimum of one foot (1') and a maximum of three feet (3') of native backfill.
(F) The INFILTRATIVE SURFACE must be no more than four feet (4') below grade unless:
  (1) The SOIL ABSORPTION SYSTEM is adequately aerated by the addition of vents or some other mechanism approved by the HEALTH AUTHORITY; or
  (2) The ISDS includes an ADVANCED TREATMENT SYSTEM that meets the standards of **Section 5-1**.
(G) Leaching chambers and other technologies approved for use by the HEALTH AUTHORITY must be installed according to the manufacturer's recommendations.
(H) SOIL ABSORPTION SYSTEMS must be backfilled and compacted in a manner that:
  (1) Does not impair the intended function and performance of the soil, distribution media, and/or DISTRIBUTION LINES;
  (2) Allows for the establishment of vegetative cover;
  (3) Minimizes settlement; and
  (4) Diverts surface runoff away from the SOIL ABSORPTION SYSTEM.
(I) The finished grade over the SOIL ABSORPTION SYSTEM must be landscaped to:
  (1) Provide adequate drainage;

DRAFT

(2) Prevent root intrusion;
(3) Protect against erosion; and
(4) Prevent the ponding of water.

5-7 ISDS Location and Separation Requirements

(A) An ISDS must meet the horizontal separation requirements listed in the following table:

Table 5-7 Horizontal Separation Requirements

Feature	Minimum Horizontal Separation		Comments
	Septic Tank	Soil Absorption System	
Property Line	10’	10’	
Building or Load-Bearing Structure	5’	8’	Includes porches, decks, steps (covered or uncovered), breezeways, roofed patios, carports, covered walks, retaining walls, and similar structures and appurtenances.
Private Water Supply Well	100’	100’	Includes any well that does not qualify as a PUBLIC WATER SYSTEM, including wells not used for drinking water (e.g., irrigation wells). Includes abandoned wells that have not been properly plugged in accordance with NAC 534.355-4365, inclusive.
Public Water System Well	150’	150’	
Drainage Channel	25’	25’	
Rock Outcrop	25’	25’	
Slopes > 25%	25’	25’	
Streams or Watercourses	100’	100’	Includes lakes, reservoirs, rivers, streams (perennial or intermittent), and canals.
Public Water Line	25’	25’	Includes mains and laterals.
Onsite Water Line	10’	10’	
Swimming Pool	10’	10’	Measured from the edge of the water surface.
Block Wall	3’	3’	
Driveway	0’	0’	Septic tank and leach field can be adjacent to, but not under, a driveway.

DRAFT

Chapter 6 – Division and Use of Land

6-1 Parcel Maps

(A) The HEALTH AUTHORITY shall review and provide written comments on all PARCEL MAP applications that meet any of the following criteria:
(1) An ISDS is located on the existing parcel (the “Parent Parcel”);

(2) The proposed parcels (the "Child Parcels") will be less than one (1) acre and meet the criteria to install an ISDS; or

(3) The proposed Child Parcels meet the criteria to install an ISDS and may require NITROGEN REMOVAL SYSTEMS or another ALTERNATIVE TREATMENT SYSTEM.

(B) The property owner must meet the following conditions of approval before recording the PARCEL MAP with the Clark County Recorder's Office:

(1) When an ISDS is located on the existing parcel:

(a) All existing ISDS must be shown on the PARCEL MAP, with each component of the ISDS and all separation distances clearly and accurately marked;

(b) Each ISDS that will no longer be used must be removed or abandoned in accordance with **Chapter 9**; and

(c) The applicable review fee must be paid to the HEALTH AUTHORITY.

(2) When the proposed parcels meet the criteria to install an ISDS:

(a) The PARCEL MAP must include a certificate by the Southern Nevada District Board of Health indicating:

(i) That the PARCEL MAP is approved concerning SEWAGE disposal; and

(ii) Any conditions of approval required by the HEALTH AUTHORITY, including, but not limited to, the requirement to install a NITROGEN REMOVAL SYSTEM or another ALTERNATIVE TREATMENT SYSTEM.

(b) Each of the proposed parcels must be supplied with water adequate for the zoned use; and

(c) The applicable review fee must be paid to the HEALTH AUTHORITY.

(C) For a second or subsequent PARCEL MAP of a single parcel or a contiguous tract of land under the same ownership, or ownership by a partnership or corporation of which an individual is a principal or officer, or ownership by PERSONS of first degree of consanguinity:

(1) The HEALTH AUTHORITY may require each of the proposed parcels to connect to a COMMUNITY SEWERAGE SYSTEM; or

(2) The HEALTH AUTHORITY may require each proposed parcel to install a NITROGEN REMOVAL SYSTEM when any one of the proposed parcels individually would exceed the maximum ISDS density or otherwise trigger the requirement.

(D) Any subdivision of land that violates or that will cause a violation of these Regulations is prohibited.

6-2 Land Use Applications

(A) The HEALTH AUTHORITY shall review all land use applications, including but not limited to variances, zoning changes, waivers of development standards, use permits, and design reviews.

(B) When an ISDS is located on a property that is associated with or subject to a land use application:

(1) The property owner or the property owner's representative must apply to the HEALTH AUTHORITY for permission to modify the ISDS Operating Permit in accordance with **Section 2-2.04**; or

(2) If the proposed use does not allow for continued use of the ISDS, or if the property will no longer be suitable for use of an ISDS, the property owner or the property owner's representative must:

DRAFT

(a) Provide notice to the HEALTH AUTHORITY of the intent to remove or abandon the ISDS;
(b) Remove or abandon the ISDS in accordance with **Chapter 9**; and
(c) Provide the HEALTH AUTHORITY with proof of connection to a COMMUNITY SEWERAGE SYSTEM.

Chapter 7 – Product and Technology Review

7-1 When Required

(A) Products in the following categories, without limitation, must be reviewed and accepted by the HEALTH AUTHORITY before they can be used in Clark County:
(1) Proprietary treatment products, including without limitation, NITROGEN REMOVAL SYSTEMS and ALTERNATIVE TREATMENT SYSTEMS;
(2) Propriety distribution products, including without limitation, plastic leaching chambers; and
(3) SEPTIC TANKS.

7-2 Product Review Applications

(A) Any PERSON desiring to install or distribute proprietary ISDS products in Clark County must apply to the HEALTH AUTHORITY in a manner or form approved by the HEALTH AUTHORITY.
(B) The Product Review Application must include, without limitation:
(1) The name, mailing address, and street address of the manufacturer;
(2) The name, phone number, and email address of an individual who is vested with the authority to represent the manufacturer in the acceptance process;
(3) Product category (e.g., proprietary treatment product, proprietary distribution product, or SEPTIC TANK);
(4) Product name, including the specific brand and model;
(5) A description of the functions of the product, along with any known limitations on the use of the product;
(6) Product description and technical information, including:
(a) Dimensioned drawings;
(b) Materials and characteristics;
(c) Component design specifications; and
(d) Volumes, design capacity, and flow assumptions and calculations;
(7) Siting and installation requirements;
(8) Product performance information;
(9) Detailed description, procedure, and schedule of routine service and maintenance;
(10) A report describing in detail the test procedures and data confirming the performance and properties of the product claimed by the manufacturer;
(11) Copies of the manufacturer's literature, including:
(a) Sales and promotion; and
(b) Design and installation, operation and maintenance, and owner instructions; and
(12) Identification of information subject to protection from disclosure and trade secrets, if any.
(C) The Product Review Application must be accompanied by a nonrefundable fee in the amount specified in the current SNHD Environmental Health Permit Fee Schedule.

DRAFT

(D) Products within a single series or model line sharing distinct similarities in design, materials, capacities, configuration, and claiming the same level of treatment may be accepted under a single application.

(E) Manufacturers must have readily accessible and current information for designers, regulators, product owners, and other interested parties about their product including:

(1) Product manuals;

(2) Design instructions;

(3) Installation instructions;

(4) Operation and maintenance instructions; and

(5) A list of representatives and manufacturer-certified service providers in Clark County, or if none exist, information on how service on the product will be provided in Clark County.

DRAFT

DRAFT

Section 10
NITROGEN REMOVAL SYSTEMS

10.1 A **nitrogen removal system** is a system that receives sewage, and through biological de-nitrification, chemical reduction or ion exchange reduces the total nitrogen level of the effluent to less than or equal to ten (10) milligrams per liter or parts per million, measured as total nitrogen.

10.2 **Approval**. All nitrogen removal systems must be approved by the Health Authority through a product review process. A list of approved nitrogen removal systems and their manufacturers can be requested from the Health Authority.

10.3 **NSF Certification**. All nitrogen removal septic systems must be approved by the National Sanitation Foundation (NSF) Standard 40, Class I, or authorized by the NDEP or the State Health Authority, prior to application to SNHD through its product review process.

10.4 Design for Nitrogen Removal Septic Systems.

10.4.1 The wastewater shall be delivered to the nitrogen removal system by gravity flow either directly or by a lift pump.

10.4.2 The nitrogen removal system shall be constructed from non-corrosive materials.

10.4.3 All mechanical and electrical components shall be waterproofed and/or protected from the elements. Electrical components shall be protected with safety devices (ground fault circuit interrupters, fuses, etc).

10.5 Installation Requirements for Nitrogen Removal Septic Systems.

10.5.1 Installation of the nitrogen removal septic system components shall conform to the manufacturer's specifications.

10.5.2 The excavation, foundation and backfill placement shall be performed to prevent differential settling and the adverse effects of drainage.

10.6 Operation and Maintenance.

10.6.1 A current contract with a maintenance provider approved by the Health Authority is required for the life of all nitrogen removal septic systems. New property owner (s) shall provide the Health Authority with an updated maintenance contract within thirty (30) days from the close of escrow.

10.6.2 If there is a change in the maintenance provider, the property owner must provide with a new Health Authority approved maintenance provider's contract within thirty (30) days.

DRAFT

10.6.3 The maintenance provider shall sample and test for total nitrogen on a quarterly basis starting ninety (90) days after approved final inspection or date of occupancy, and every year thereafter for as long as the system is required to be operational. The maintenance provider shall provide unmodified test results to Health Authority from the testing laboratory. The Health Authority may at any time request and/or conduct additional sampling and testing to insure compliance. Any maintenance provider not adhering to these Regulations, at the discretion of the Health Authority, shall be removed from the Approved Maintenance Provider list

10.6.4 The nitrogen removal system effluent shall be tested by a laboratory certified by the Nevada State Health Division.

10.7 Annual Nitrogen Removal System Surveillance

10.7.1 An **annual nitrogen removal system surveillance fee** shall be required in the amount specified in the current SNHD Environmental Health Fee Schedule.

10.7.2 All nitrogen removal systems shall be inspected by the Health Authority at least once per year starting one year from the date of approved final inspection, until proof of municipal sewer connection is provided and the septic system is abandoned according to **Section 17** of these Regulations. The inspection shall be in accordance with **Section 16** of these Regulations.

10.7.3 If the annual surveillance inspection is not approved, a re-inspection fee in the amount specified in the current SNHD Environmental Health Fee Schedule shall be applicable. The re-inspection fee must be paid prior to scheduling another inspection.

10.8 Revocation of Nitrogen Removal System Permit

10.8.1 The Health Authority may revoke a Nitrogen Removal System permit if applicable fees are not paid, annual inspections are not approved or resolved within sixty (60) days of the inspection date, effluent test results are not provided to the Health Authority as required, or the effluent test results consistently do not meet the required parameters, and/or the property owner does not have an approved maintenance contract.

10.8.2 The Health Authority shall not approve Tenant Improvements, pool plans, or certifications for revoked permits

10.8.3 If municipal sewer is more than four hundred (400') feet from the nearest property line, the revoked Nitrogen Removal System permit may be activated

DRAFT

~~by paying all accumulated fees and meeting all the requirements in **Section 10**, including an approved annual inspection.~~

~~10.8.4 If gravity connection to municipal sewer is available within four hundred (400') to the nearest property line, then the revoked Nitrogen Removal System permit shall not be activated. Municipal sewer connection and abandonment of the existing ISDS according to **Section 17** shall be required.~~

Chapter 8 – Nitrogen Removal Systems

8-1 When Required

(A) Before issuing any ISDS Construction Permit or approving any PARCEL MAP, the HEALTH AUTHORITY shall evaluate the actual and potential nitrate contamination of groundwater using one of the following methods:

(1) The NDEP Septic Density Model, as defined in **Subsection 8-2.01**; or

(2) Another method developed, adopted, or approved by the HEALTH AUTHORITY in accordance with **Subsection 8-2.02**.

(B) A NITROGEN REMOVAL SYSTEM shall be required for any new ISDS Construction Permit when:

(1) The HEALTH AUTHORITY determines pursuant to this Chapter that the proposed ISDS poses an actual or potential risk of nitrate contamination of groundwater;

(2) The property PARCEL MAP contains text stating that a NITROGEN REMOVAL SYSTEM will be required;

(3) The property is part of a subdivision, and the subdivision final map contains text stating that a NITROGEN REMOVAL SYSTEM will be required; or

(4) The proposed ISDS is within a Nitrogen Management Area, as designated by NDEP pursuant to NAC 445A.9606.

8-2 Methods for Evaluating the Risk of Groundwater Nitrate Contamination

8-2.01 NDEP Septic Density Model

(A) The HEALTH AUTHORITY shall implement the NDEP Septic Density Model as follows:

(1) The HEALTH AUTHORITY shall determine the number of existing ISDS within 3,000 feet of the centroid of the property on which the proposed ISDS will be constructed.

(2) The proposed ISDS presumptively poses an actual or potential risk of nitrate contamination of groundwater when the density calculated in **Subsection 8-2.01(A)(1)** exceeds the maximum density permitted by the NDEP Septic Density Model for the groundwater basin to which the property belongs.

(B) When an ISDS is proposed in an area where the density of ISDS exceeds the maximum density permitted by the NDEP Septic Density Model by a factor of 3 or more, the HEALTH AUTHORITY may require any NITROGEN REMOVAL SYSTEMS to meet the more stringent performance requirements of **Subsection 8-3(D)**.

8-2.02 Alternative Nitrogen Evaluation Methods

(A) If the HEALTH AUTHORITY determines that the NDEP Septic Density Policy is no longer an adequate or appropriate method for evaluating the actual or potential nitrate

DRAFT

contamination of groundwater, it may adopt or develop a method to replace or supplement the NDEP Septic Density Policy.

(B) When adopting or developing a method to supplement or replace the NDEP Septic Density Policy, the HEALTH AUTHORITY shall consider the following:

(1) Population of the area;
(2) The degree to which the area is unsewered;
(3) Gross areal nitrogen loading, calculated as the amount of nitrogen discharged into the subsurface by use of ISDS, divided by the land area under consideration;
(4) Population growth rate of the area;
(5) Existing contamination of groundwater by nitrogen species;
(6) Existing and potential impact to groundwater by sources of nitrogen other than ISDS;
(7) Characteristics of the vadose zone and aquifer;
(8) Location, number, and areal extent of existing and potential sources of nitrogen;
(9) Location and characteristics of existing and potential drinking water supplies; and
(10) Any other information relevant to determining the severity of actual or potential nitrogen impact on the aquifer.

8-3 Design and Performance Requirements

(A) All NITROGEN REMOVAL SYSTEMS must be certified or approved for use by the National Sanitation Foundation (NSF) under NSF/ANSI Standard 245.

(B) All NITROGEN REMOVAL SYSTEMS must be reviewed and approved by the HEALTH AUTHORITY in accordance with **Chapter 7** of these Regulations.

(C) All NITROGEN REMOVAL SYSTEMS must be able to produce EFFLUENT with an average TOTAL NITROGEN concentration that is less than 50% of the average TOTAL NITROGEN concentration of the INFLUENT.

(D) When a proposed ISDS will be located in an area designated by NDEP as a Nitrogen Management Area pursuant to NAC 445A.9606, the ISDS must be installed with a NITROGEN REMOVAL SYSTEM that can produce EFFLUENT with a TOTAL NITROGEN concentration of less than 20 mg/L under normal operating conditions.

8-4 Operation and Maintenance Requirements

(A) All NITROGEN REMOVAL SYSTEMS must be installed, operated, and maintained in accordance with the manufacturer's recommendations and these Regulations.

(B) All NITROGEN REMOVAL SYSTEMS are subject to the operation and maintenance requirements of **Section 2-3** in addition to the requirements of this Chapter.

(C) The HEALTH AUTHORITY may revoke the ISDS Operating Permit associated with a NITROGEN REMOVAL SYSTEM if:

(1) Test results are not provided to the HEALTH AUTHORITY as required by **Subsection 8-4.02**;
(2) Test results consistently fail to meet the required standards; or
(3) The NITROGEN REMOVAL SYSTEM is not being serviced by an approved Service Provider in accordance with the requirements of **Subsection 8-4.01**.

8-4.01 Service Providers

(A) The operation and maintenance requirements of this Chapter must be met by an approved Service Provider in one of the following categories:

DRAFT

(1) A third-party Service Provider approved by the HEALTH AUTHORITY; or
(2) The property owner, if the property owner has been certified by the manufacturer of the NITROGEN REMOVAL SYSTEM and has obtained prior approval from the HEALTH AUTHORITY.

(B) All property owners who do not meet the requirements of **Subsection 8-4.01(A)(2)** must maintain a contract with a Service Provider approved by the HEALTH AUTHORITY for the life of the system.
(1) A new property owner must provide the HEALTH AUTHORITY with an updated maintenance contract within 30 days from the close of escrow.
(2) The property owner must provide the HEALTH AUTHORITY with an updated maintenance contract within 30 days of contracting with a new Service Provider.
(3) A Service Provider must notify the HEALTH AUTHORITY when a contract is terminated for any reason, including non-payment.

(C) The Service Provider must provide an annual report to the HEALTH AUTHORITY on a form approved by the HEALTH AUTHORITY. The report must include the following information, without limitation:
(1) A description of maintenance activities performed;
(2) A description of any recommended, necessary, and/or completed repairs; and
(3) Unmodified test results from the testing laboratory, in accordance with **Subsection 8-4.02**.

(D) The HEALTH AUTHORITY may suspend or revoke the certification of any Service Provider that fails to adhere to these Regulations.

8-4.02 Testing Requirements

(A) The EFFLUENT must be tested for TOTAL NITROGEN, Kjeldahl nitrogen, and nitrate, expressed as mg/L as nitrogen.

(B) The Service Provider must collect samples in a manner and from a location specified by the manufacturer of the NITROGEN REMOVAL SYSTEM.
(1) If the manufacturer does not specify a sampling location, the sample must be collected immediately after the NITROGEN REMOVAL SYSTEM, before the EFFLUENT is discharged to the SOIL ABSORPTION SYSTEM.
(2) If the manufacturer does not specify a sampling procedure, the sample must be collected in accordance with generally accepted wastewater sampling practices.

(C) Testing required under this Section must be performed by a laboratory that is certified by NDEP to test for the analytes specified in **Subsection 8-4.02(A)**.

(D) The HEALTH AUTHORITY may, at the expense of the property owner, require or conduct additional sampling and testing of the EFFLUENT and sampling and testing of the INFLUENT to evaluate the TOTAL NITROGEN reduction achieved by the system when:
(1) The NITROGEN REMOVAL SYSTEM is required to produce EFFLUENT with a TOTAL NITROGEN concentration of 20 mg/L or less and consistently fails to meet this requirement; or
(2) The NITROGEN REMOVAL SYSTEM consistently produces EFFLUENT with a TOTAL NITROGEN concentration that is not substantially different from concentrations typically found in DOMESTIC WASTEWATER INFLUENT.

(E) Unless otherwise recommended by the manufacturer or required by the HEALTH AUTHORITY, the NITROGEN REMOVAL SYSTEM must be tested:
(1) Quarterly during the first year of operation, beginning 90 days after an approved final inspection or date of occupancy, whichever occurs later; and

DRAFT

(2) Every twelve (12) months thereafter for as long as the system is required to be operational.

(F) When a NITROGEN REMOVAL SYSTEM becomes dormant or out of use for an extended period (e.g., more than one year), the property owner may apply for a temporary waiver of the testing requirements of this Subsection.

(1) The HEALTH AUTHORITY shall only consider waiver requests submitted in writing with supporting documentation.

(2) The waiver shall be granted only for the period in which the NITROGEN REMOVAL SYSTEM is not in use.

(3) The property owner must reapply for the waiver every twelve (12) months and must notify the HEALTH AUTHORITY prior to resuming use of the ISDS.

(4) The property owner may be required to complete the startup procedure recommended by the manufacturer when the NITROGEN REMOVAL SYSTEM is returned to service.

DRAFT

DRAFT

~~Section 11~~
~~SPECIFIC LIMITATIONS AND REQUIREMENTS~~

~~11.1 The use of cesspools for the disposal of untreated sewage is prohibited.~~

~~11.2 The discharge of surface rain and other large volumes of clear water into an individual sewage disposal system are prohibited.~~

~~11.3 All trees shall be at least ten feet (10') from both the septic tank and leach field.~~

~~11.4 The disposal of water from swimming pool or spa into or over the septic system is prohibited. The disposal of backwash waste from pool or spa filters into the septic system is prohibited.~~

~~11.5 The disposal of recreational vehicle (RV) waste into the septic system is prohibited.~~

~~11.6 The disposal of oils, grease, flammable toxic products and chemicals, pharmaceutical products, which includes, without limitation: gasoline, motor oil, household cleaners, pool/spa products, chlorides, pesticides, herbicides, agricultural chemicals or fertilizers, pills, capsules and tablets, into the septic system is prohibited.~~

~~11.7 Irrigation above the ground surface with effluent is prohibited.~~

~~11.8 The design of all prefabricated septic tanks shall be approved by the Health Authority prior to their installation.~~

~~11.9 The five foot (5') minimum vertical separation shall be maintained between the bottom of the soil absorption system and the maximum seasonal elevation of the groundwater table. In areas where it is presumed that the groundwater level is high, that is, less than nine feet (9') from finished grade to the highest seasonal groundwater level, a boring shall be provided to the Health Authority. The boring log may be submitted from the geotechnical report for a proposed building or structure.~~

~~11.10 An individual sewage disposal system may serve only one (1) single building for commercial applications.~~

~~11.11 The Health Authority shall review every sewage disposal system proposed for single buildings containing multiple dwelling units or single building multi-unit warehouses to determine compliance with all pertinent state and local Regulations.~~

DRAFT

~~11.12 A septic tank shall not be installed independently without a soil absorption system to receive the septic tank effluent.~~

~~11.13 A soil absorption system shall not be in the fifty (50) year flood plain:~~

~~11.13.1 When soil absorption systems are located in the one hundred (100) year flood plain, the septic tank will be made waterproof by completely coating the tank and having a minimum of twelve inches (12") of soil over the top.~~

~~11.14 A soil absorption system shall not be installed in a non-compacted fill area without approval from the Health Authority.~~

~~11.15 An individual sewage disposal system is prohibited in an area subject to vehicular access or traffic, or any area to be paved.~~

~~11.16 The placement of any impervious covering, or any material deemed to be unacceptable to the Health Authority, over the soil absorption system is prohibited.~~

~~11.17 A pre-site evaluation inspection by the Health Authority shall be required before application is made for a septic system permit in Mount Charleston, and any other environmentally sensitive area, as determined by the Health Authority.~~

~~11.18 A septic system shall not be constructed in an easement of any kind, unless the easement is for that purpose.~~

~~11.19 All change (s) in directions of sewers in a sewage disposal system shall be accomplished by the use of ninety (90) degree bends or lesser angle bend pipe fittings.~~

~~11.20 **Lot Size (s) Requirement:**~~

~~11.20.1 A minimum area of one (1) acre (43,560 square feet), including public streets and alleys, or other right-of-way or easements, or any portion thereof abutting on, running though or within a building site, is required for the installation of an individual sewage disposal system where the water supply is from a well serving only that property.~~

~~11.20.2 A minimum of one-quarter (1/4) acre (10,900 square feet), including public streets or alleys or other rights-of-way or easements, or any portions thereof abutting on, running through or within a building site, is required on a lot served by a community well or municipal water.~~

DRAFT

~~11.21 Excavations for the septic tank and leach field shall be separated by a minimum of five (5') feet of undisturbed earth. (See Figure 4)~~

~~11.22 The requirement for allocating an area for the installation of another leach field (equal in size to the original leach field) if the original leach field should fail will not normally be required by the Health Authority. The requirement for a backup leach field area may be required, however, based on the specific system proposed at the discretion of the Health Authority.~~

~~11.23 These Regulations shall not preclude the use of treatment devices other than septic tanks, as may be approved by the Health Authority. Such treatment devices shall bear the certification of the National Sanitation Foundation (NSF).~~

~~11.24 The use of sweeping T's is prohibited.~~

~~11.25 Provisions not covered by these Regulations shall meet the requirements of the latest edition of the Uniform Plumbing Code (UPC).~~

~~11.26 ISDS must be constructed on and remain on the same parcel as the structure(s) it serves.~~

~~11.27 Floor drains are not allowed in garages because of the potential of introducing industrial system into the ISDS (see NAC 444.759 and NAC 444.8766)~~

DRAFT

~~Section 12~~
~~SEWER CONNECTION~~

~~12.1 When community sewers become available, the owner of any property served by an individual sewage disposal system shall abide by the local governmental regulation requiring connection to the community sewerage system.~~

~~12.2 The individual septic system shall be discontinued and the structure shall be connected to the community sewerage system when the owner is notified to do so.~~

~~12.3 All abandoned septic tanks shall be immediately pumped and filled with dry earth and proof supplied to the Health Authority (See **Section 17** for applicable abandonment procedure).~~

DRAFT

~~Section 13~~
~~INDUSTRIAL WASTES~~

~~13.1 Treatment and disposal systems for industrial wastes shall be individually designed and shall be of a type that will adequately purify the specific waste. Any system designed to treat industrial waste must be approved by the Health Authority.~~

~~13.2 Owners of industrial establishments producing trade wastes of toxic, putrescible, or otherwise hazardous character shall consult with the Health Authority and comply with the instructions and requirements in the design of their systems.~~

DRAFT

~~Section 14~~
~~LAND SLOPE REQUIREMENTS~~

~~14.1 As the slope of the ground increases, the minimum depth to the bottom of the soil absorption system must be increased to prevent effluent from discharging downhill. The minimum depth from top of existing ground to the bottom of the soil absorption system shall be as follows: (See Figure 7)~~

~~14.1.1 For slope less than five percent (5%), no increase. The depth to the bottom of the soil absorption system shall be thirty-six inches (36") minimum.~~

~~14.1.2 For slopes five percent (5%) but less than ten percent (10%), minimum depth shall be forty-eight inches (48").~~

~~14.1.3 For slopes ten percent (10%) but less than twenty percent (20%) minimum depth shall be sixty inches (60").~~

~~14.1.4 Slopes greater than twenty percent (20%)~~

~~Depth equals three feet (3') plus ten (10) times the percent of slope. [D = 3' + 10 (% of slope)]~~

~~For example: If slope equals twenty-eight percent (28%): D = 3' + 10 (0.28) = 3 + 2.8 = 5.8 ft~~
~~This is the minimum depth to bottom of soil absorption system~~

~~14.2 **Supplemental Horizontal Requirements.** Regardless of the slope of the land, the distance from the soil absorption system to any ground surface (face to slope) shall be removed at least twenty feet (20') (measured vertically and horizontally). The Health Authority may require additional horizontal clearances from face of slope after evaluating the topographical and/or geologic conditions of a specific site. (See Figure 8)~~

DRAFT

Section 15
SOIL PERCOLATION RATES AND SOIL CHARACTERIZATION

15.1 Soil Boring and Percolation Tests.

15.1.1 Soil boring and percolation tests shall be made or be supervised by professional engineer, registered in Nevada. The person supervising the tests shall certify as to the correctness of the procedure and the results.

15.1.2 Percolation test data from a minimum of two (2) test holes on the area of the proposed soil absorption system shall be required. The location of the test holes shall be indicated on a site plan of the property and submitted with the percolation test results to the Health Authority.

15.1.3 Percolation tests are only acceptable for the parcel on which the test was conducted, in the area of proposed soil absorption system.

15.1.4 A new percolation test shall be required if the soil composition is changed, an engineered fill is utilized, a septic system fails or any other purpose as deemed necessary by the Health Authority.

15.2 Percolation Test Procedure.

15.2.1 **Type of hole.** The hole shall be dug or bored. It shall have vertical sides and have a horizontal dimension of four to twelve inches (4" to 12"). A four inch (4") or larger auger may be used. The hole shall be dug to the depth of the proposed absorption trench, bed, field, or pit.

15.2.2 **Preparation of hole.** The bottom and sides of the hole shall be carefully scratched with a sharp-pointed instrument to expose the natural soil interface. All loose material shall be removed and from the bottom of the hole which shall then be covered with two inches (2") of coarse sand or gravel when necessary to prevent scouring.

15.2.3 **Saturation and swelling of the soil.** The hole shall be carefully filled with clear water to a minimum depth of twelve inches (12") over the gravel. By refilling, if necessary, or by supplying a surplus reservoir of water, such as an automatic siphon, the test hole shall be filled with water for at least four (4) hours and preferably overnight, so that it will approach the conditions that will exist during the wettest season of the year. In sandy soils, containing little or no clay, the swelling procedure is not essential and the test may proceed, as hereafter described, if the water from a second filling of the hole seeps away in ten (10) minutes or less.

DRAFT

15.2.4 **Percolation rate measurements.** With the exception of sandy soils, percolation rate measurements shall be made on the day following the procedure described in **Section 15.2.3** above. If water remains in the test hole after an overnight swelling period, the depth shall be adjusted to a level of six reference point, the drop in water level shall be measured over thirty (30) minutes, or longer period. This drop shall be used to calculate the percolation rate. If not water remains in the hole after the overnight swelling period, there shall be added clear water shall be added to bring the depth of the water in the hole to a level which is six inches (6") over the gravel. Thereupon, from a fixed reference point, the drop in water level shall be measured at thirty (30) minute intervals until two (2) successive readings do not vary by more than five percent (5%), or for a period of four (4) hours, refilling the hole whenever it becomes nearly empty with clear water to a level which is six inches (6") above the gravel. The drop that occurs during the final two (2) successive thirty (30) minute periods with less than a five percent (5%) difference shall be used to calculate the percolation rate. Percolation rates may also be determined by the volume of the water displaced from a reservoir when accurately determined and the water feeding device is such as to maintain a constant water level in the hole.

15.2.5 **Interpretation.** In interpreting percolation test results, emphasis shall be given to the highest percolation rates for the same type of soil, and this shall be rounded-up to the nearest whole number. The final interpretation of the soil percolation test result (s) shall be made by the Health Authority.

15.3 **Soil Borings**.

15.3.1 Soil borings shall be drilled to a depth of five feet (5') beyond the depth of the soil percolation test hole.

15.3.2 Soil borings shall indicate whether or not groundwater was encountered, and if groundwater was encountered, the depth shall be indicated.

15.4 **Soil Characterization.**

In lieu of soil percolation tests, the Health Authority may consider soil characterization methodologies in approving the design of soil absorption systems.

DRAFT

Section 16
INSPECTIONS OF INDIVIDUAL SEWAGE DISPOSAL SYSTEMS

16.1 Inspections by the Health Authority shall be required prior to covering the sewer line, septic tank and soil absorption system or commercial holding tank.

16.2 The Health Authority must have access to the property and area where the individual sewage disposal system is being inspected. Gates must be unlocked and animals restrained. If the property is located in a gated community, the gate access code must be provided.

16.3 All requests for inspections must be received by the Health Authority at least twenty-four (24) hours in advance. The request must include the septic system permit number, the Assessor's Parcel Number (APN) or the address for the property, along with the contact name and number of the person requesting the inspection.

16.4 The Health Authority reserves the right to schedule inspections in outlying areas on a particular day of the week **or** to reschedule inspections. The Health Authority also reserves the right to cancel an inspection if conditions on the property pose an immediate threat to human life or health.

16.5 A pre-site evaluation inspection by the Health Authority shall be required before application is made for a septic system permit in Mount Charleston, and any other environmentally sensitive area as determined by the Health Authority.

16.6 Inspections may be required by the Heath Authority for site surveys and evaluations.

16.7 For commercial holding tanks, the Health Authority must have access inside the modular/trailer to check for running water connection

16.8 In case of questionable soil conditions, inspections will be required prior to any installation.

16.9 Until the sewage disposal system inspection is approved by the Health Authority, there shall be no occupancy of the building

16.10 If the inspection of the individual sewage disposal system in **not approved**, a re-inspection fee will be applicable. The re-inspection fee shall be according to the current SNHD Environmental Health Fee Schedule. The re-inspection fee must be paid prior to scheduling another inspection.

DRAFT

~~16.11 Inspections of existing septic systems require the entire septic tank, entire header line and at least one (1) end cap closest to the structure to be uncovered at the time of inspection. The lids of the septic tank must be removed. The Health Authority reserves the right to charge an inspection fee according to the current SNHD Environmental Health Fee Schedule.~~

DRAFT

Section 17
REMOVAL AND ABANDONMENT OF SEPTIC TANK AND LEACH FIELD

17.1 An individual sewage disposal system (ISDS) may be abandoned due to replacement, failure, or connection to municipal sewer. If a septic system is being replaced and connection to municipal sewer is not required based on these Regulations, a new septic system permit shall be obtained from the Health Authority. This new septic system shall be inspected and approved by the Health Authority prior to being used for sewage disposal. If the property is being connected to municipal sewer, a receipt from the municipal sewer authority showing that the fees for sewer connection have been paid shall be submitted to Health Authority.

17.2 Abandonment of Septic Tank and Leach Field in Place.

17.2.1 Abandonment of Septic Tank.

17.2.1.1 The septic tank shall be pumped with pumping receipt submitted to the Health Authority from a Health Authority permitted liquid waste hauler.

17.2.1.2 The septic tank shall either be crushed **OR** filled with dry earth with proof provided to Health Authority in the form of receipts or before and after photos (from the same angle).

17.2.2 Abandonment of Leach Field.

17.2.2.1 A written note from the owner or contractor shall be provided to the Health Authority stating that the leach field is abandoned in place

17.3 If the septic tank is within eight feet (8') of an existing or future structure, it must be pumped and removed to a Health Authority approved disposal facility with receipts provided to the Health Authority. **Any part** of the leach field within eight feet (8') for a shallow absorption system or twenty feet (20') for a deep absorption system must also be removed with copies of receipts provided to Health Authority as listed above.

17.4 Removal of Septic Tank and Leach Field

17.4.1 Removal of Septic tank and leach field

17.4.1.1 The septic tank shall be pumped with a copy of the pumping receipt submitted to the Health Authority from a Health Authority permitted liquid waste hauler.

DRAFT

~~17.4.1.2 The septic tank shall be disposed of at a Health Authority approved disposal facility with receipts provided to the Health Authority.~~

~~17.4.1.3 Any stained soil shall be removed to the end of the stain mark or within a **two (2) feet maximum distance to the bottom and sides of the entire length and width of the leach field and leach lines** to a Health Authority approved disposal facility, and provide the Health Authority with receipts.~~

Chapter 9 – Decommissioning of ISDS

9-1 When Required

(A) An ISDS is decommissioned when it has been removed and disposed of or abandoned in place in accordance with this Chapter.

(B) An ISDS must be decommissioned in the following circumstances:

(1) The ISDS has failed and cannot be repaired without replacement or reconstruction of major system components, such as replacement of a tank or a section of the SOIL ABSORPTION SYSTEM;

(2) The ISDS will be or has been replaced;

(3) The ISDS is permanently disconnected from the structure served and has not been approved for subsequent use by another structure;

(4) The ISDS is no longer in use because the property will be or has been connected to a COMMUNITY SEWERAGE SYSTEM; or

(5) The HEALTH AUTHORITY issues an order requiring removal or abandonment of the ISDS.

(C) An ISDS may be abandoned except in the following circumstances:

(1) Any part of an ISDS that is within eight feet (8') of an existing or proposed structure must be removed; and

(2) Any part of a SOIL ABSORPTION SYSTEM that is within three feet (3') of a replacement SOIL ABSORPTION SYSTEM must be removed.

9-2 Removal and Abandonment Requirements

(A) All ISDS must be decommissioned according to the following procedure:

(1) The property owner or the property owner's representative must notify the HEALTH AUTHORITY of the intent to remove or abandon the ISDS;

(2) The SEPTIC TANK must be pumped by a LIQUID WASTE HAULER permitted by the HEALTH AUTHORITY;

(3) Pipes or plumbing attached to SEPTIC TANK must be disconnected or sealed;

(4) Electrical connections must be disconnected; and

(5) The ISDS must be abandoned in accordance with **Subsection 9-2(B)** or removed in accordance with **Subsection 9-2(C)**, as appropriate.

(B) An ISDS that will be abandoned must meet the following requirements in addition to the requirements of **Subsection 9-2(A)**:

(1) The lid of the SEPTIC TANK must be collapsed, the bottom ruptured, and the void leveled to the surrounding grade with sand, gravel, compacted soil, or other suitable inert material and completely covered with soil or material similar to that at the surface in the immediate area; and

DRAFT

(2) The property owner or the property owner's representative must provide documentation to the HEALTH AUTHORITY stating that the SOIL ABSORPTION SYSTEM is abandoned in place.

(C) An ISDS that will be removed must meet the following requirements in addition to the requirements of **Subsection 9-2(A)**:

(1) The SEPTIC TANK must be removed to a disposal facility approved by the HEALTH AUTHORITY; and

(2) The SOIL ABSORPTION SYSTEM, including any stained or contaminated soil, or a minimum of two feet (2') of soil surrounding the SOIL ABSORPTION FIELD, must be removed to a disposal facility approved by the HEALTH AUTHORITY.

9-3 Required Documentation

(A) The property owner or the property owner's representative must provide the HEALTH AUTHORITY with documentation demonstrating compliance with this Chapter, including, but not limited to:

(1) Receipt from the LIQUID WASTE HAULER that pumped the SEPTIC TANK;

(2) Receipt from each facility to which any waste from the ISDS was transported;

(3) Photo documentation showing that the SEPTIC TANK lid has been collapsed, the bottom ruptured, and the void leveled to the surrounding grade; and

(4) A written statement that the SOIL ABSORPTION SYSTEM has been abandoned in place.

(B) If the property is being connected to a COMMUNITY SEWERAGE SYSTEM, a receipt from the COMMUNITY SEWERAGE SYSTEM showing that the fees for sewer connection have been paid must be submitted to the HEALTH AUTHORITY.

DRAFT

Section 18

SOLID AND LIQUID WASTES: GENERATED FROM SEPTIC TANK, HOLDING TANK, CHEMICAL TOILET WASTE, OR GREASE INTERCEPTOR TANK OR INEDIBLE KITCHEN GREASE CONTAINERS, AND PUMPING AND HAULING CONTRACTORS (INCLUDING PETROLUEM HYDROCARBON CONTAMINATED WASTE WHICH MAY BE GENERATED BY SAND-OIL- WATER SEPARATORS)

18.1 **Waste permittee** means all persons engaged in the operation of removing, hauling and disposing of the solid and liquid contents of septic tanks, holding tanks, chemical toilets, grease interceptor tanks, inedible kitchen grease containers or sand-oil-water separators within Clark County. Permits must be obtained annually from the Health District.

18.2 **Permit Requirements.** This permit must contain the following information:

18.2.1 Type of waste to be hauled – liquid or effluent from septic tank, holding tank, chemical toilet, grease interceptor tank, inedible kitchen grease, and sand-oil-water separators. Liquid wastes from sand-oil-water separators must not be blended with other liquid wastes.

18.2.2 Location of all discharge points and type of waste discharged at each location

18.2.3 License number and state registration of each truck

18.2.4 Capacity of each truck

18.2.5 A statement signed by the vehicle operator that all waste material collected will be disposed of in accordance with these Regulations and that such waste will not be discharged to a waterway, sewer, or deposited on land without prior approval of the Health Authority.

18.3 **Septic tank waste** shall mean any sanitary waste from a septic tank for human waste at a residential or commercial location. None of these wastes shall contain industrial waste, toxic wastes, radiological waste, and/or hazardous waste as defined in the Resource Conservation and Recovery Act (RCRA), including its applicable regulations (RCRA, 40 CFR 26, a copy of which is on file with the Environmental Health Division of the District). The generator of a waste is responsible for the proper disposal thereof.

18.4 **Chemical toilet waste** shall mean any sanitary waste from a portable toilet or one-door movable sanitary facilities. None of the waste shall contain wastes prohibited in **Section 18.3.**

18.5 **Holding tank waste** shall mean sanitary waste from temporary holding tanks for commercial facilities. None of the wastes shall contain wastes prohibited in **Section 18.3.**

DRAFT

18.6 **Grease interceptor waste** shall mean non-petroleum based grease, oil, and fats generated with wastewater from fixtures and equipment such as, but not limited to, scullery sinks, pot and pan sinks, dishwashing machines, soup kettles and similar cooking equipment, trash compactors, floor drains in grease generating areas, and trash can washing areas of foodservice establishments.

18.7 **Inedible kitchen grease** shall mean fat or used cooking grease and oils obtained from kitchen grease generators.

18.8 **Industrial liquid waste** shall mean that which is generated by manufacturing or commercial process that is not a hazardous waste regulated within Subtitle C of RCRA (40 CFR 261). This includes sand-oil-water separators from automatic services, and equipment washing businesses.

18.9 **Vehicle identification.** The name, address, and phone number of the waste permittee and the permit number shall be legibly lettered on both sides of each vehicle used for activities defined herein. The size of the lettering shall be at least two inches (2"), placed on a contrasting background.

18.10 **Vehicle maintenance**. Every vehicle used for pumping or hauling of effluents set forth in **Section 18** shall be equipped with a watertight tank or body except when hauling solid inedible kitchen grease and be maintained in a clean and sanitary condition. Liquid wastes shall be maintained so as to prevent the release of a pollutant into the waters of the State.

18.11 **Portable receptacles**. All portable receptacles used for transporting liquid or septage wastes shall be watertight, equipped with tight-fitting lids, and shall be cleaned after each use.

18.12 **Disposal site.** Prior approval in writing shall be obtained from the Health Authority for every destination to which a septic tank, holding tank, chemical toilet, grease interceptor, or industrial liquid waste permit holder plans to discharge waste material collected. Liquid waste collected by the waste permittee shall only be discharged at an approved facility.

NOTE: Emergency sanitary waste disposal points will be established with the concurrence of the appropriate government official. The waste permittee will be responsible for notifying the Health Authority within 24 hours of the beginning of the emergency operation.

18.13 **Record keeping requirements concerning inedible kitchen grease**: Every waste permittee of inedible kitchen grease shall record, make available to the Health District as requested, and maintain for one year all of the following:

DRAFT

18.13.1 The name and address of each location from which the waste permittee obtained the inedible kitchen grease.

18.13.2 The quantity of grease received from each location.

18.13.3 The date on which the inedible kitchen grease was obtained from each location.

18.13.4 The name and address of the processing plant (renderer) to which the inedible kitchen grease was transported.

18.13.5 The date and quantity of inedible grease transported to the processing plant (renderer).

18.14 **Documentation and filing of reports.** Each waste permittee is required to keep accurate records via a manifest system approved by the Health Authority. This monthly audit trail of all liquid waste collected must include the generator/source; the amount removed for disposal including date and time of collection; vehicle permit number; and a proper receipt for discharge of the liquid waste at an approved disposal site.

18.15 **Automatic shutoffs.** All pumping equipment on waste permittee trucks shall be fitted with automatic shutoff valves.

18.16 **Suspension or Revocation of Waste Permittees' Permits**. Permits shall be subject to suspension or revocation by the Health Authority for violation of these Regulations, or Clark County Water Reclamation District Resolution No. 91-014, in accordance with the following procedures or permit conditions:

18.16.1 Staff shall serve upon the waste permittee, personally or by certified mail, a written, detailed statement of the charges against him together with a notice of hearing before the Health Authority stating the time, date, place, and purpose of the hearing.

18.16.2 The waste permittee may appear in person or with counsel, and shall be extended a full opportunity to call witnesses and produce evidence to counter the charges made against him.

18.16.3 The decision of the Health Authority in writing, shall contain findings of fact and conclusions of the law separately stated, and shall be served upon the waste permittee within 10 days of the hearing, personally or by certified mail.

18.16.4 The Heath Authority reserves the right to issue a temporary suspension order immediately effective, if a significant public health hazard exists.

DRAFT

~~18.7 **Fee(s).** Pursuant to NRS 439.360(5) and NRS 439.366(1), the Board adopts by reference the current SNHD Environmental Health Permit Fee Schedule as it applies to liquid waste haulers. All fees must be paid to the Health Authority prior to scheduling an inspection. All fees related to liquid waste haulers shall be non-refundable.~~

Chapter 10 – Liquid Waste Haulers

10-1 Permit Requirements

(A) A PERSON must not engage in the operation of removing or disposing of the contents of SEPTIC TANKS, HOLDING TANKS, grease traps, grease interceptors, portable toilets, or other SEWAGE treatment or disposal units unless the PERSON has an active LIQUID WASTE HAULER permit from the HEALTH AUTHORITY.

(B) Liquid wastes must be maintained in a sanitary manner to prevent a HEALTH HAZARD or nuisance and to prevent the release of a pollutant into the waters of the State.

10-1.01 Permit Applications

(A) A PERSON who applies for a LIQUID WASTE HAULER permit must apply to the HEALTH AUTHORITY in a manner or form approved by the HEALTH AUTHORITY.

(B) The application for a permit to operate as a LIQUID WASTE HAULER must contain the following information:

(1) The type of waste to be hauled by each vehicle;

(2) The location of all discharge points and the type of waste discharged at each location;

(3) A copy of the state registration of each vehicle;

(4) The license number, vehicle identification number, make, model, year, and color of each vehicle if not included in the registration documentation;

(5) The capacity of each vehicle;

(6) A description of each tank which is not physically affixed to a vehicle, including the information specified in **Subsection 10-1.01(B)(4)**;

(7) A copy of a business license:

(a) From the State of Nevada; and

(b) From the appropriate jurisdictions within Clark County.

(8) A statement signed by the owner of the LIQUID WASTE HAULER or the owner's representative that all waste material collected will be disposed of in accordance with these Regulations and that such waste will not be discharged to a waterway, sewer, or deposited on land without prior approval of the HEALTH AUTHORITY; and

(9) Any other information requested by the HEALTH AUTHORITY.

(B) The HEALTH AUTHORITY may require an inspection of the vehicles and tanks used for activities defined within this Chapter, as well as any related storage or maintenance facilities, to ensure that they comply with the requirements of this Chapter.

(C) The HEALTH AUTHORITY may deny an application for a LIQUID WASTE HAULER permit when the applicant has:

(1) Submitted an application which fails to meet the requirements of applicable law and these Regulations;

(2) Engaged in the operation of removing and disposing of solid and liquid contents of SEPTIC TANKS, HOLDING TANKS, grease traps, grease interceptors or other SEWAGE treatment or disposal units before obtaining a permit from the HEALTH AUTHORITY; or

(3) Failed to comply with the provisions of these Regulations.

10-1.02 Permit Renewal and Modification

DRAFT

(A) A permit to operate as a LIQUID WASTE HAULER is valid for one (1) year after the date of issuance.
(B) To renew a permit, the LIQUID WASTE HAULER must submit a completed application for renewal to the HEALTH AUTHORITY within 60 days before the date on which the permit expires.
(C) A LIQUID WASTE HAULER must request approval from the HEALTH AUTHORITY in a manner or form approved by the HEALTH AUTHORITY before doing any of the following, without limitation:
    (1) Using a vehicle which is not listed on the application;
    (2) Changing the type of waste to be hauled for any individual truck; or
    (3) Changing a point of discharge.

10-2 Operating Requirements

(A) Every vehicle used for activities defined within this Chapter must be:
    (1) Legibly labeled on both sides with the name, address, and phone number of the LIQUID WASTE HAULER and the permit number of the vehicle;
    (2) Equipped with a watertight tank or body except when hauling solid inedible kitchen grease; and
    (3) Maintained in a clean and sanitary condition.
(B) All portable receptacles used for transporting liquid or septage wastes must be watertight, equipped with tight-fitting lids, and must be cleaned after each use.
(C) All pumps and hose lines must be maintained to prevent leakage.
(D) All pumping equipment must be fitted with automatic shutoff valves.
(E) Liquid wastes from sand-oil-water separators must not be blended with other liquid wastes.

10-3 Disposal Site

(A) A LIQUID WASTE HAULER must obtain prior approval in writing from the HEALTH AUTHORITY for every destination to which it plans to discharge waste material collected.
(B) A LIQUID WASTE HAULER must not discharge waste material to any site that has not been approved by the HEALTH AUTHORITY.

10-4 Recordkeeping Requirements

(A) A LIQUID WASTE HAULER must maintain a record of each removal and disposal of waste by the LIQUID WASTE HAULER. The record must include:
    (1) The type of waste that was removed;
    (2) The number of the license plate of the vehicle that removed the waste;
    (3) The date, time, and location of the removal of the waste;
    (4) The date, time, and location of the disposal of the waste; and
    (5) A receipt from the waste disposal site or other written proof of proper disposal.
(B) The LIQUID WASTE HAULER must keep a record of each cleaning by the LIQUID WASTE HAULER of the interior of the portable receptacle or the tank of a vehicle that is used to remove or dispose of solid or liquid waste. The record must include:
    (1) The name of the employee who cleaned the portable receptacle or tank; and
    (2) The date, time and location of the cleaning of the portable receptacle or tank.
(C) The LIQUID WASTE HAULER must, in each vehicle used by the LIQUID WASTE HAULER to remove or dispose of solid or liquid waste, keep daily records of:
    (1) The removal and disposal of solid or liquid waste by the vehicle; and
    (2) The interior cleaning of the portable receptacle or the tank of the vehicle.

DRAFT

(D) A LIQUID WASTE HAULER that transports or receives recyclable waste must submit a recycling survey to NDEP in accordance with the most current edition of the *Southern Nevada Health District Solid Waste Management Authority Regulations*.

(E) The LIQUID WASTE HAULER must retain the records required by this Section for at least three (3) years after the date on which the solid or liquid waste was removed and disposed of or on which the interior of the portable receptacle or the tank was cleaned, as appropriate.

(F) The LIQUID WASTE HAULER must make the records required by this Section available to the HEALTH AUTHORITY upon request.

DRAFT

~~**Section 19**~~
~~**HEARING AND APPEALS**~~

~~19.1 Requests for variances from the provisions of these Regulations may be reviewed by the District Board of Health at its regular monthly meetings, in accordance with the following terms, conditions, and procedures.~~

Chapter 11 – Waivers and Variances

11-1 Waivers

(A) A PERSON seeking a waiver from any provision of these Regulations must apply to the HEALTH AUTHORITY in a manner or form approved by the HEALTH AUTHORITY.

(B) The waiver application must include:

(1) The name and address of the applicant;

(2) The street address, if any, and legal description of the affected property;

(3) The specific provisions of these Regulations for which a waiver is requested;

(4) A statement from the applicant explaining the reasons for seeking the waiver;

(5) Any documentation to support granting the waiver, including any mitigating measures that will be implemented;

(6) A detailed analysis of the environmental effects of the facility or proposed facility under the worst expected adverse conditions if the waiver is granted;

(7) A description of the extent to which the facility or proposed facility will affect the local environment and the public health under the worst expected adverse conditions if the waiver is granted;

(8) A description of any hardship to the applicant that will result from denial of the waiver;

(9) A description of any benefit to the environment and public health that will result from denial of the waiver; and

(10) Any other information required by the HEALTH AUTHORITY to enable it to process the application.

(C) The waiver application must be accompanied by a nonrefundable fee in the amount specified in the current SNHD Environmental Health Permit Fee Schedule.

(D) The HEALTH AUTHORITY may grant a waiver from a provision of these Regulations only when the applicant successfully demonstrates that the proposed waiver will:

(1) Comply with the intent of the specified provision and with the overall intent of these Regulations; and

(2) Provide equal or greater protection of public health and the environment as strict compliance with these Regulations.

(E) Approval of a waiver is not a matter or right and the decision to grant a waiver is in the sole discretion of the HEALTH AUTHORITY. A person aggrieved by a decision to deny a waiver may submit an application for a variance.

11-2 Variances

(A) A PERSON seeking a variance from any provision of these Regulations must apply to the HEALTH AUTHORITY in a manner or form approved by the HEALTH AUTHORITY.

(B) The variance application must include:

(1) The name and address of the applicant;

(2) The street address, if any, and legal description of the affected property;

(3) The specific provisions of the Regulations for which a variance is requested;

(4) A statement from the applicant explaining the reasons for seeking the variance;

DRAFT

(5) Any documentation to support granting the variance, including any mitigating measures that will be implemented;
(6) A detailed analysis of the environmental effects of the facility or proposed facility under the worst expected adverse conditions if the variance is granted;
(7) A description of the extent to which the facility or proposed facility will affect the local environment and the public health under the worst expected adverse conditions if the variance is granted;
(8) A description of any hardship to the applicant that will result from denial of the variance;
(9) A description of any benefit to the environment and public health that will result from denial of the variance; and
(10) Any other information required by the HEALTH AUTHORITY to enable it to process the application.

(C) The variance application must be accompanied by a nonrefundable application fee in the amount specified in the current SNHD Environmental Health Permit Fee Schedule.

~~19.2 **Application for Variances**~~

~~19.2.1 Persons seeking variances from any provision of these Regulations may apply for a variance order from the Board by filing a written application with the Environmental Health Division on forms provided by the Health Authority for that purpose.~~

~~19.2.2 The application shall include the following information:~~

~~19.2.2.1 The applicant's name and mailing address.~~

~~19.2.2.2 The property address.~~

~~19.2.2.3 The specific provision (s) of the Regulations for which variance is requested.~~

~~19.2.2.4 A brief statement from the applicant regarding the reasons for the variance.~~

~~19.2.2.5 Any information as may be required by the Health Authority to enable it to process the application.~~

~~19.2.2.6 The street address (if any) and legal description of the property affected.~~

~~19.2.2.7 A plot plan showing dimensions of the property, and the locations and dimensions of the proposed septic tank and leach field shown in relation to any structures on the property, whether proposed or already existing.~~

~~19.2.2.8 Evidence of an ownership interest in the affected property vested in the applicant.~~

DRAFT

~~19.2.2.9 The application shall be accompanied by a nonrefundable filing fee in the amount specified in the current SNHD Environmental Permit Fee Schedule.~~

11-3 Public Hearing Before the Board of Health

(A) The Board shall conduct a public hearing on the variance application.

(B) The following procedures apply to the hearing:

(1) HEALTH AUTHORITY staff shall provide the Board with a report, including relevant data and a recommendation, regarding the variance application, as well as comments provided by other government entities. A copy of the report must be made available to the applicant and general public no later than three days before the public hearing.

(2) Members of the Board may ask relevant questions of any person.

(3) Any person with a demonstrated interest in the application may present evidence but not testimony that is argumentative or redundant.

(4) The applicant has the burden of proof as to the necessity for the variance.

(5) At the conclusion of the hearing and after consideration of all the evidence presented concerning the requested variance, the Board will:

(a) Grant the variance, in whole or in part;

(b) Deny the variance, in whole or in part; or

(c) If further information is needed, continue the hearing until such time as the information is obtained.

(6) In granting a variance, the Board may impose such conditions as it deems necessary or desirable.

(7) Failure of the applicant to comply with any of the conditions imposed by the Board constitutes grounds for immediate revocation of the variance without notice or hearing.

(C) The Board may grant a variance from a regulation only if it finds from the evidence presented at the hearing that:

(1) There are circumstances or conditions which:

(a) Are unique to the applicant;

(b) Do not generally affect other persons subject to the regulation;

(c) Make compliance with the regulation unduly burdensome; and

(d) Cause a hardship to and abridge a substantial property right of the applicant; and

(2) Granting the variance:

(a) Is necessary to render substantial justice to the applicant and enable the applicant to preserve and enjoy his or her property right; and

(b) Will not be detrimental or pose a danger to public health and safety.

(D) Approval of a variance is not a matter of right and the decision to grant a variance under **Section 11.3(C)** is in the sole discretion of the Board.

(E) Whenever an applicant for a variance alleges that they suffer or will suffer economic hardship by complying with the regulation, the applicant must submit evidence demonstrating the costs of compliance with the regulation. The Board will consider the evidence and determine whether those costs are unreasonable.

(F) Within 14 days after the hearing, the Board will send the applicant a written decision concerning the variance via US Mail First Class to the address provided on the application. The decision will contain the Board's findings of fact on the matters described in **Section 11.3(C)** above and, if the variance is granted, will specify any conditions imposed by the Board and, in a case where appropriate, the date on which the variance expires.

(G) An applicant aggrieved by the decision of the Board may file a petition for judicial review with the Eighth Judicial District Court no later than 30 days after the date of the decision.

DRAFT

19.3 **Notice of Hearing**

19.3.1 The applicant shall be notified in writing of the date, time, and place of the hearing before the Board on application for variance, and of the right to appear and be heard at such hearing.

19.3.2 A notice of the hearing on the application shall be published at least once by the Health Authority in newspaper of general circulation published in Clark County, Nevada, best suited to give notice to the public in the area where the affected property is situated, at least fourteen (14) days before the hearing scheduled on the application. The notice shall state:

19.3.2.1 The name of the applicant.

19.3.2.2 The location of the property.

19.3.2.3 The nature of the variance requested.

19.3.2.4 The date, time, and place of the hearing.

19.3.2.5 That all interested persons are entitled to appear at the hearing and state their views or provide relevant information regarding the application, or to furnish the same in writing prior to the hearing.

19.3.2.6 The Health Authority shall mail a copy of the public notice to the property owners adjoining the affected property.

19.4 **The Hearing.** At the time and place set for the hearing, the Board shall utilize the following procedures:

19.4.1 Staff shall be asked to comment on the application and state their recommendation regarding the same. Staff will not recommend variance approval for septic systems on lots where municipal sewer is gravity accessible within four hundred feet (400') from the nearest property line.

19.4.2 The applicant, or authorized representative, shall be given an opportunity to address the Board and to present any additional evidence, if any, that may support the application.

19.4.3 Other interested persons may then address the Board and present evidence relevant to the application.

19.4.4 The Board shall then publicly consider the application and reach a decision; however, the final vote on the decision may be postponed until the next regular meeting of the Board.

DRAFT

19.4.5 No person shall be entitled to a variance as a matter of right, and the burden of proof as to the justification for the variance shall be on the applicant.

19.4.6 Formal rules of evidence are not applicable in conducting the hearing, but the Board may exclude redundant or irrelevant evidence or testimony.

19.1 **Criteria.** In reaching a decision on an application, the Board shall consider the relative interests of first, the public; second, other property owners likely to be affected; third, the applicant; in that order.

19.1.1 No variance shall be granted in the absence of a showing that:

19.1.1.1 The variance would not endanger or tend to endanger human health or safety.

19.1.1.2 Compliance with the Regulation from which the variance is sought would produce serious hardship without equal or greater benefits to the public.

19.1.1.3 The applicant shall comply with all other provisions of applicable law and Regulations in the installation and maintenance of the sewage disposal system and/or septic tank pumping contractor permits.

19.2 **The Order**

19.2.1 Within fourteen (14) days after the final decision of the Board, a formal written Variance Order shall be signed by the Chairman, Vice Chairman, or acting Chairman stating the decision of the Board, and personally delivered or mailed to the applicant address given on his application.

19.2.2 The Order shall describe the subject property, identify the specific sections of these Regulations from which the variance was sought, state the decision of the Board, and the findings of fact upon which it was based.

19.2.3 The Order shall also set forth any conditions imposed by the Board for the granting of the variance.

19.2.4 A copy of the Order shall be recorded in the office of the Clark County Recorder.

DRAFT

19.3 Duration of Variance

19.3.1 Variance for the installation of the sewage disposal system shall expire and be of no further force and effect twelve (12) months after it is granted unless the applicant or the successors in interest commence construction of the individual sewage disposal system within that period of time, or an extension of the variance is granted by the Board by application made within that period of time by the applicant or the successors in interest.

19.3.2 If ISDS construction has been started within twelve (12) months of the variance approval, and the ISDS permit expires, the variance may stand for the property as long as the applicant (s) for the variance continue(s) to be the owners of the property and no changes in the design/ plot plan are made. If the variance granted is to be considered for a new ISDS permit to replace the expired ISDS permit, the variance applicant (s) must re-apply for a ISDS Permit to construct (See **Section 2.2**).

19.3.3 All such variances are temporary. They are automatically revoked in the event a community sewerage system becomes available within four hundred feet (400') to which a connection can be made by gravity flow, and legal notice is given to the then record owner of the property requiring connection with such community sewerage system.

19.3.4 A variance may be revoked for failure of the property owner to comply with any of the conditions imposed thereon by the Board or a violation of other applicable laws and regulations, upon notice and hearing.

19.4 ISDS Hearing Officer Process

19.4.1 The District Board of Health shall appoint an Individual Sewage Disposal Systems Hearing Officer(s) who shall adjudicate alleged violations of all Individual Sewage Disposal Systems Regulations and matters for which a hearing is provided by law. The Hearing Officer(s) shall act independent of each other regarding decisions. The Hearing Officer(s) shall have a working knowledge of environmental health issues, arbitration, law and/or engineering.

19.4.2 Hearing Officer(s) shall be selected by the District Board of Health from qualified applicants to the Health District. Such individual(s) shall not be employees of the State or any political subdivision of the State. The Hearing Officer(s) will be an independent contractor who serves at the pleasure of the District Board of Health, paid in accordance with a fee schedule approved by the District Board of Health.

19.4.3 Adjudication by the Hearing Officer(s) of alleged violations of the Individual Sewage Disposal Systems Regulations shall be in accordance with the following:

DRAFT

19.4.3.1 All parties must be afforded an opportunity for a hearing after reasonable notice. The Notice must include a statement of the time, place and nature of the hearing; a reference to the particular sections of the statutes and regulations involved; and a short and plain statement of the matters asserted.

19.4.3.2 Any party may be represented by counsel.

19.4.3.3 Opportunity shall be afforded all parties to respond and present evidence and argument on all issues involved.

19.4.3.4 Each party may call and examine witnesses, introduce exhibits, cross-examination of opposing witnesses on any matter relevant to the issues even though the matter was not covered in the direct examination, impeach any witness, regardless of which party first called him to testify, and rebut the evidence against it.

19.4.3.5 Every witness shall declare, by oath or affirmation, that he will testify truthfully. Unless limited by a specific statute, the Hearing Officer(s) may administer oaths or affirmations to witnesses appearing before him in the hearing.

19.4.3.6 Irrelevant, immaterial or unduly repetitious evidence must be excluded. Evidence may be admitted, except where precluded by statute, if it is of a type commonly relied upon by reasonable and prudent persons in the conduct of their affairs. Effect shall be given to the rules of privilege recognized by law. Objections to evidentiary offers may be made and shall be noted in the record. Subject to these requirements, when a hearing will be expedited and the interest of the parties will not be prejudiced substantially, any part of the evidence may be received in written form.

` 19.8.3.7 The Hearing Officer(s) may issue subpoenas to compel attendance of any person at the hearing, and require the production of books containing compliance violation notices, records and other documents material to a hearing.

19.8.3.8 The Hearing Officer(s) may inquire of any witness following any segment of testimony.

19.8.3.9 Members of the public may testify in cases before the Hearing Officer(s).

19.8.3.10 All testimony shall be recorded verbatim, by human or electronic means. Any party requesting a transcript of any oral proceeding, or any part thereof, shall pay the cost thereof.

DRAFT

~~19.4.4 Upon the Hearing Officer(s) finding a violation has occurred, the Hearing Officer(s) shall levy such penalty, and require corrective action as he deems appropriate to the violation, subject to the following penalties per NRS 444.635:~~

~~19.4.4.1 For a first offense, at least $500 but not more than $5,000, per day;~~

~~19.4.4.2 For a second offense, at least $1,000 but not more than $5,500, per day;~~

~~19.4.4.3 For a third offense, at least $1,500 but not more than $6,000, per day;~~

~~19.4.4.4 For any subsequent offense, at least $500 more than the most recent previous penalty levied by the Hearing Officer, per day.~~

~~19.4.5 Factors to be considered by the Hearing Officer(s) in determining the amount of any penalty imposed pursuant to section **19.8.4** herein includes but are not limited to the following:~~

~~19.4.5.1 Failure to respond to compliance notices within the time (s) specified.~~

~~19.4.5.2 Gravity of the violation.~~

~~19.4.5.3 Environmental impact.~~

~~19.4.5.4 Public health impact.~~

~~19.4.6 The decision of the Hearing Officer(s) must be reduced to writing and shall be final 10 days after mailing to by certified mail, return receipt requested or personal service upon each party.~~

~~19.4.7 All penalties levied by the Hearing Officer(s) shall be paid to the Health District, and used only to pay for management of the Individual Sewage Disposal Systems program within the jurisdiction of the Environmental Health Division.~~

~~19.4.8 Failure to comply with any order of the Hearing Officer(s) requiring corrective action constitutes a separate violation of these regulations, and subjects the responsible party to additional cases of alleged violations with separate and additional penalties thereof.~~

~~19.4.9 Any party aggrieved by a decision of the Hearing Officer(s) may seek judicial review of the decision of the Hearing Officer(s), in accordance with the provisions of NRS 233B.130(2), and NRS 233B.131 through 233B.150, inclusive.~~

DRAFT

12-1 Denial, Suspension, and Revocation of Permits and Other Approvals

(A) The HEALTH AUTHORITY may deny, suspend, revoke, or refuse to renew any permit, waiver, variance, or any other approval issued under these Regulations for failure to comply with the conditions of the permit, waiver, variance, or approval, any provision of these Regulations, or any other applicable federal, state, or local law, regulation, ordinance, or code, or for any other basis provided in these Regulations.

(1) The HEALTH AUTHORITY shall send written notice to an applicant, property owner, permit holder, Certificate of Training holder, Service Provider, or any other responsible party of its intention to take action, including without limitation, denying, suspending, revoking, or refusing to renew a permit, waiver, variance, Certificate of Training, or other approval.

(2) A written notice issued by the HEALTH AUTHORITY pursuant to this Chapter must include:

(a) The statutory and regulatory authority for the action;

(b) The facts on which the action is based;

(c) Instructions for responding to the notice, including, without limitation:

(i) A statement of the right to any internal informal procedures for appeal;

(ii) The right to a hearing;

(iii) The period during which a hearing must be requested and the consequences of waiving a hearing; and

(iv) The effective date of the action.

(B) Service of the notice by the HEALTH AUTHORITY is considered complete upon personal service or mailing a copy of the notice to the address of record by both U.S. Mail First Class and certified mail.

(C) A party aggrieved by a decision to deny, suspend, revoke, or refuse to renew a permit, waiver, variance, or other approval may request a hearing by submitting a written request within 30 days of service of the written notice.

(D) A request for hearing must include:

(1) A clear, concise statement of all relief requested;

(2) Identification of all asserted legal bases for the relief requested, including citation to relevant law and regulation;

(3) Detail of relevant facts; and

(4) Copies of documents the aggrieved party will present at the time of hearing.

(E) A Hearing Officer will adjudicate any hearing regarding the suspension of, revocation of, or refusal to renew a permit in a public hearing.

(F) The Director of Environmental Health, or designee, will adjudicate any other hearing requested under these Regulations by an aggrieved party. At the sole discretion of the HEALTH AUTHORITY, a hearing under this provision may be heard by a Hearing Officer in a public hearing.

12-2 Orders

(A) The HEALTH AUTHORITY may issue a written order to any PERSON when the PERSON or property which the PERSON owns or is responsible for:

(1) Poses substantial hazards to public health or the environment;

(2) Fails to comply with any provision of these Regulations or a permit issued by the HEALTH AUTHORITY pursuant to these Regulations;

(3) Interferes with an agent of the HEALTH AUTHORITY in the performance of their duties; or

DRAFT

(4) Submits fraudulent, misleading, or inaccurate information to the HEALTH AUTHORITY.

(B) An order issued by the HEALTH AUTHORITY may require the recipient to:
  (1) Immediately cease and desist certain acts;
  (2) Take certain corrective action within a certain period of time;
  (3) Provide proof of compliance; and
  (4) Any other action necessary to protect public health or the environment.

(C) An order issued by the HEALTH AUTHORITY must:
  (1) State the nature of the violation and describe the attendant facts;
  (2) Specify the provision alleged to be violated;
  (3) Prescribe the necessary corrective action to be taken;
  (4) Provide a reasonable amount of time for completing the required corrective action; and
  (5) State the potential penalty if the corrective action is not completed.

(D) Any PERSON to whom an order is issued by the HEALTH AUTHORITY must comply with it as ordered.

(E) Service of an order by the HEALTH AUTHORITY is considered complete upon personal service or mailing a copy of the order to the address of record by both U.S. Mail First Class and certified mail.

(F) Upon written request to the HEALTH AUTHORITY received within five business days following service of the order, the PERSON will be afforded a hearing within 30 days of the date said request is received by the HEALTH AUTHORITY to contest the terms of the order.

12-3 Hearings

(A) Except for public hearings for variance applications, all hearings provided for in this Chapter must be conducted as provided herein.

(B) For hearings adjudicated by a Hearing Officer, the Hearing Officer will be selected by the HEALTH AUTHORITY's legal counsel.
  (1) The Hearing Officer must not be an employee of the State or any political subdivision of the State, or of any entity which is permitted or regulated pursuant to these Regulations.
  (2) The Hearing Officer will be an independent contractor paid in accordance with a fee schedule approved by the Southern Nevada District Board of Health.

(C) Based upon the evidence presented during the hearing, the Hearing Officer, Director of Environmental Health, or designee, will make appropriate findings and may sustain, modify, or rescind any official action or order considered in the hearing.

(D) A written order specifying the decision shall be furnished to the owner or other responsible party by the HEALTH AUTHORITY. Service of the decision is considered complete upon personal service or mailing a copy of the decision to the address of record by both U.S. Mail First Class and certified mail.

(E) A party aggrieved by the decision may file a petition for judicial review with the Eighth Judicial District Court no later than 30 days after the date of the decision.

(F) Nothing herein contained must be construed as denying any rights of appeal to the courts after the administrative remedies provided herein have been exhausted.

DRAFT

~~**Section 20**~~
~~**INTERPRETATION AND SEVERABILITY**~~

~~Where the context as requires, in interpreting these Regulations, the singular shall include the plural, the singular, the masculine gender and the feminine gender. Should any provision of these Regulations be held invalid or unconstitutional, such invalidity or unconstitutionality shall not affect the remaining provisions, and to this end the provisions hereof are declared to be severable. Paragraph headings are intended for convenience of identification only, and not as an aid to interpretation.~~

DRAFT

Proposed 2025 Individual Sewage Disposal Systems (ISDS) and Liquid Waste Management (LWM) Regulations

District Board of Health

Presentation August 28, 2025

Purpose of the ISDS/LWM Regulations

- Establish guidelines for the design, construction, operation, and maintenance of ISDS.
- Establish permitting and operating requirements for liquid waste management businesses.
- Reduce the risk of harm to public health and the environment caused by ISDS and liquid waste management operations.

Regulated Entities

- Residential Septic Systems (not included in the BIS)
- Commercial Septic Systems (< 3,500 gallons capacity)
- Commercial Holding Tanks (< 3,500 gallons capacity)
- Liquid Waste Management Businesses

Why do the regulations need to be updated?

- The last update to the regulations was in 2009.
- To further public health protection by incorporating mechanisms not included in the current regulations.
- To align regulations with current federal and state regulations and best practices, incorporate third-party standards, and clarify existing processes and procedures.
- To establish an administrative process to address frequently encountered conditions requiring variance approvals by the Board that do not pose an impact to public health such as undersized lots on Mt. Charleston.

Summary of Major Changes
Chapter 2 – ISDS Operating Permits

Major Changes:

- Operating Permits expire and must be renewed every 5 years
  - Sewer connection can be required if a sewer connection point is available directly adjacent to the property
- New Property Transfer Requirements
  - Third-party inspections
  - Well water quality testing

Summary of Major Changes
Chapter 3 – Holding Tank Permits

Major Changes:

- Long-term, permanent holding tanks will have the option of obtaining operating permits, similar to the ISDS Operating Permit, rather than reapplying every year.
- Added language regarding use of hauled water at sites without potable water infrastructure.

Summary of Major Changes
Chapter 5 – ISDS Design and Construction

Major Changes:

- Replaces detailed design requirements for septic tanks and leach fields with references to third-party standards.
- All new or repaired septic tanks must have access risers that extend to the surface.
- Removes references to “default” percolation rate and “deep” soil absorption systems as these concepts are contrary to best practices.

Summary of Major Changes
Chapter 6 – Division and Use of Land

New Chapter

- Codifies the existing practice of reviewing parcel maps and land use applications.*
- Restricts the practice of filing multiple parcel maps, which is often done to avoid more stringent subdivision requirements, and leads to areas with high ISDS densities.

**SNHD's review is part of a larger process involving multiple other agencies in Clark County*

Summary of Major Changes
Chapter 7 – Product and Technology Review

New Chapter

- Codifies the product review process and requirements*
  - What types of products must be approved by SNHD?
  - What are the application requirements?
  - What criteria does SNHD use to evaluate the product?

**Based on National Onsite Wastewater Recycling Association's (NOWRA) Model Code Framework*

Summary of Major Changes
Chapter 8 – Nitrogen Removal Systems

Major Changes:

- Defines how SNHD determines whether a property requires a nitrogen removal system (density of ISDS) and defines the ISDS density that triggers the nitrogen removal requirement.
- Includes a process for changing the ISDS density trigger or changing to a non-density-based method of evaluation.
- Changes the current effluent concentration-based standard, which is unrealistically low, to a percent reduction-based standard.

Summary of Major Changes
Chapter 11 – Waivers and Variances

Major Changes:

- Introduces an administrative waiver process.
- Provides for variances as a means of appealing waiver decisions.

Summary of Major Changes
Chapter 12 – Enforcement and Penalties

Major Changes:

- Describes specific enforcement actions that SNHD can take and under what circumstances.
- Provides for Hearing Officer review of major enforcement actions.

Business Impact Statement Survey Overview – Initial Survey

- **Agency Comments** – Regulations were sent to various local and state agencies for their input, some of which was incorporated prior to the BIS.
- **Surveys** – Sent to 555 permitted businesses, 17 chambers of commerce and industry associations, and 10 additional architectural, engineering and construction businesses. The survey was also posted on the SNHD website.
- **Public Workshop** – A hybrid BIS public workshop was held on April 1, 2025. Nine people attended. One person came after the workshop ended and staff spent time to discuss the proposed regulatory changes.
- **Survey Responses** – The BIS comment period occurred from March 16, 2025, through April 27, 2025. 16 survey responses were received.

Regulation Business Impact Survey Results

Questions	Yes Responses*	No Responses
Will the proposed 2025 ISDS/LWM Regulations impose a direct and significant economic burden upon your business or the ISDS/LWM industry?	9	4
Will the proposed changes to the 2025 ISDS/LWH Regulations directly restrict the formation, operation, or expansion of your business or the ISDS/LWM industry?	9	5
Will the proposed 2025 ISDS/LWM Regulations have an estimated beneficial economic effect on your business or the ISDS/LWM industry?	3	4
Do you anticipate any indirect economic effects to your business or the ISDS/LWM industry as a result of the proposed changes to the 2025 ISDS/LWM Regulations?	5	5

**Nine "Yes" responses represent 1.5% of the 582 surveys sent*

Business Impact Statement Survey Overview – Follow-up Fee Survey

- **Survey** – Sent to same 555 permitted businesses, 17 chambers of commerce and industry associations, and 10 additional architectural, engineering and construction businesses as the initial survey. The survey was also posted on the SNHD website.
- **Public Workshop** – A hybrid BIS public workshop was held on July 23, 2025. Two people attended.
- **Survey Responses** – The fee BIS comment period occurred from July 7, 2025, through July 31, 2025. 21 survey responses were received.

Fee Business Impact Survey Results

Questions	Yes Responses*	No Responses
Will the proposed fee of $226 per 5-year interval for the ISDS Operating Permit impose a direct and significant economic burden on your business or the ISDS/LWM industry?	7	10
Will the proposed fee directly restrict the formation, operation, or expansion of your business or the ISDS/LWM industry?	5	12
Will the proposed fee have an estimated beneficial economic effect on your business or the ISDS/LWM industry?	2	15
Do you anticipate any indirect economic effects to your business or the ISDS/LWM industry as a result of the proposed fee?	5	12

**Seven "Yes" responses represent 1.2% of the 582 surveys sent*

Why a Recurring Permit and Fee are Necessary

- The program is not currently self-sufficient, nor has it been for many years.
- The ISDS Program is reliant on general funds for support. An annual fee ensures users of the system help cover the cost of the program.
- Allows for review of existing systems on a recurring schedule rather than when a complaint, a Tenant Improvement application, or a loan certification request are received.
- Property buyers can be alerted to ISDS compliance and performance issues before transactions are completed, instead of after purchasing the property.

How the New Fee was Determined

- Staff researched desk review time of new ISDS system applications.
  - Average plan review time was **1.42 hours**.
  - SNHD's EH hourly rate for FY25-26 is **$159**.
  - Permit is renewed every **five years**.
- Resulting annual fee is **$45.20**.

Operating Permit Fee Comparison

Jurisdiction	Annual Fee ($)
Maricopa County, AZ (Phoenix)	55
Pinal County, AZ (Phoenix Suburbs)	100
San Bernardino, CA	65.50*
Davis County Health District, Utah	100
Southwest District Health, ID (Nampa, Suburban/Rural Boise)	130
Chelan-Douglas Health District, WA	125
SNHD (Proposed)	**45.20†**

*Fee is assessed as a $131 biennial fee

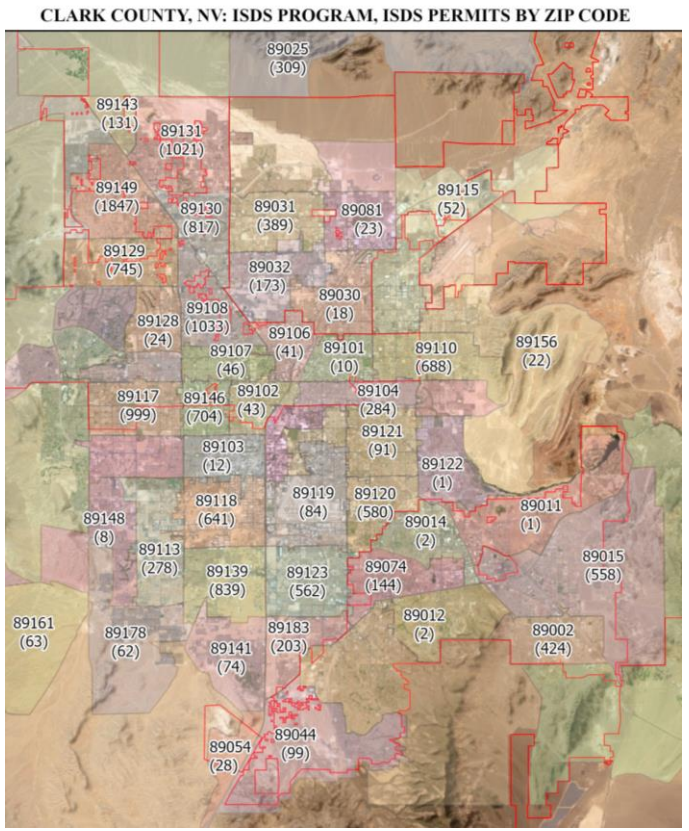
†SNHD's proposed $226 fee every five years equates to $45.20/year

The Numbers

	FY23	FY24	FY25	Estimated FY26 (No ISDS Fee)
Total Expenses	$548,237.74	$485,995.88	$717,925.44	$796,423.82
Total Cost Recovery	$206,892.08	$180,274.00	$227,093.00	$214,738.33
Difference	($341,345.66)	($305,721.88)	($490,832.44)	($581,685.49)

Permit Type	Number of Existing Permits	Number of Permits Invoiced Annually*	Anticipated Annual Cost Recovery
Commercial ISDS	740	148	$33,448.00
Residential ISDS	18,000	3,600	$813,600.00
Total	18,740	3,748	$847,048.00
Cost Recovery – Expenses (Projected FY26)			**$265,362.51**

*Assuming staggered implementation with approximately 20% of permits renewed each year



Updated Regulations – Benefits to Industry

- Allowing administrative actions by SNHD staff will speed up ISDS permit applications and modifications that currently require variances.
- Commercial holding tanks considered “permanent” can apply for an operating permit, which would require less frequent renewals.
- Establishes the review process and evaluation criteria for new products and technologies.
- New property transfer requirements will help identify non-conforming issues prior to the transaction.

Next Steps

- Conduct additional public workshops and listening sessions to include feedback from residential ISDS permit holders and the general public.

- At the October 23, 2025, Board of Health meeting, request Board of Health approval for the proposed 2025 ISDS/LWM Regulations, including the ISDS Operating Permit fee of $226 and its inclusion onto the SNHD EH Fee Schedule.

Questions?



APPROVED BY THE SOUTHERN NEVADA DISTRICT BOARD OF HEALTH
AUGUST 28, 2025

Southern Nevada Health District

TO: **SOUTHERN NEVADA DISTRICT BOARD OF HEALTH** **DATE:** **August 28, 2025**

RE: *Approval of Board of Health Expanding the District Health Officer's (or designee) Delegated Authority to approve contracts up to $100,000*

PETITION #04-26

That the Southern Nevada District Board of Health *approves expanding the District Health Officer's delegated authority to approve contracts up to $100,000.*

PETITIONERS:

Cassius Lockett, PhD, *District Health Officer*
Heather Anderson-Fintak, *General Counsel*HAF

DISCUSSION:

In or around 2008, the Southern Nevada District Board of Health authorized the District Health Officer, or their designee, to approve contracts up to $50,000. Since then, other Nevada governmental boards have recognized the benefits of increased efficiency and raised their delegated contract approval limits to $100,000. Aligning our delegation authority with these peers would not only maintain full compliance with NRS 332: Purchasing for Local Governments, but also streamline our processes, reduce administrative delays, and allow the Board to focus on higher-value strategic matters. Importantly, all interlocal agreements will continue to be presented to the Board for approval. This request represents a practical step toward modernizing our operations while preserving oversight where it matters most.

FUNDING:

No funding involved.

DATE: August 28, 2025

TO: Southern Nevada District Board of Health Members

FROM: Cassius Lockett, PhD, District Health Officer

SUBJECT: District Health Officer Report

Public Health Funding

The State of Nevada Board of Examiners met on August 7. During the meeting, interlocal agreements with local public health agencies were approved to provide ongoing public health services, including **$10,786,480 for the Southern Nevada Health District**. This allocation of state general funds is the result of years of work by health agencies and community partners to secure dedicated funding for sustaining and supporting public health services.

In the 2023 legislative session, a one-time allocation provided support for expanding the Health District's disease surveillance workforce, strengthening STI response and outreach, supporting youth vaping prevention, and advancing the much-needed expansion of the Southern Nevada Public Health Laboratory. The funding included in the current state budget continues that momentum by supporting a new Healthcare-Associated Infection Prevention Program and helping preserve essential laboratory and epidemiological capacity as federal funding declines.

Measles Detected in Wastewater

On August 7, the Health District announced that measles virus had been detected in wastewater in Clark County, the first local wastewater detection of the virus. As of August 12, no confirmed measles cases have been reported in Clark County, and a subsequent wastewater sample was negative. A single wastewater detection does not mean there are cases or that community transmission is occurring. However, the Health District is urging residents—especially families with school-age children—to ensure they are up to date on their MMR vaccinations.

Measles is a highly contagious virus that spreads through coughing and sneezing. Early symptoms include high fever, cough, runny nose and red, watery eyes, followed by a rash that usually starts on the face and spreads downward. People who develop symptoms should stay home, avoid contact with others and notify their health care provider before visiting any medical facility. This helps prevent the potential spread of illness in waiting rooms or clinical settings.

Wastewater surveillance can detect viral genetic material that is shed by infected individuals. A positive detection could indicate an undiagnosed or unreported measles infection in the area. Some health departments have identified human cases following similar detections. Clark County has not had a confirmed case of measles in a resident since 2018. In April 2024, the Health District reported a measles exposure from a visitor to the area, but no local cases resulted from that incident.

National Health Center Week

The Health District's Southern Nevada Community Health Center joined health centers across the country in recognizing National Health Center Week from August 3-9. The annual observance highlights the essential role community health centers play in improving access to affordable, high-quality health care for underserved populations.

Community health centers play a vital role in the U.S. health care system, delivering care to more than 32.5 million people nationwide. This includes 419,000 veterans, one in eight children, 1.4 million people experiencing homelessness and 3.8 million seniors. Today, one in 10 Americans receives care at a health center. Of those patients, 18% are uninsured and 50% are insured by Medicaid. Community health centers are innovators and problem solvers that improve health outcomes in medically underserved communities by reaching people excluded from the conventional health care system. The Southern Nevada Community Health Center continues to meet those needs through expanded services, improved access and a commitment to patient-centered care.

To celebrate the week, the Southern Nevada Community Health Center hosted events to engage the community and recognize patients and staff. Giveaways were available for patients at both Community Health Center locations, and a Booster Seat Giveaway was hosted at the Fremont Public Health Center on Wednesday, August 6. The event raised awareness about Nevada's booster seat law, which requires children to remain in booster seats until they are 4 feet 9 inches tall. While many children outgrow a car seat by age 4, most are not tall enough for a seat belt alone until at least the third grade. Booster seats were provided for free, and certified car technicians were onsite to help families understand when it is safe to transition from a booster to a seat belt. The event was supported by the Healthy Living Institute at UMC, Car Seats for Christy—founded in memory of a child killed in a crash more than 20 years ago—and Safe Kids Clark County, which has led statewide car seat safety efforts for more than three decades.

West Nile Virus

On July 29, the Southern Nevada Health District identified the first West Nile virus-positive mosquito pool of the season in the 89123 ZIP code. The Health District reminds residents to take precautions to "Fight the Bite" and help reduce the impact of mosquitoes in the community.

West Nile virus activity in Clark County reached unprecedented levels in Clark County in 2019, with 43 reported human cases. Activity was minimal in 2021, 2022 and 2023. In 2024, 26 human cases were reported. In addition to identifying mosquitoes that commonly carry West Nile virus, the Health District is monitoring the presence of Aedes aegypti mosquitoes, which can transmit Zika, dengue and chikungunya. Unlike most mosquitoes, Aedes aegypti are aggressive daytime biters that prefer humans to birds. They are persistent ankle-biters, and a single female can bite multiple times. These mosquitoes breed in small containers that collect rain or irrigation water—such as children's toys, wheelbarrows, plant saucers and even bottle caps.

The Health District's Fight the Bite campaign encourages people to:

- Eliminate standing water around their homes.
- Use an FDA-registered insect repellent and wear protective clothes.
- Report mosquito activity to the Health District's surveillance program at (702) 759-1633.
- Report green pools to local code enforcement agencies.

Additional resources and contact information are available on the Health District website. For more information about mosquito surveillance, visit www.snhd.info/mosquito.

Community Meetings

Week ending 08/03:

Biweekly:

- Facilitated one-on-one meetings with Direct Reports (Gonzales, Mangla, Nicolson, Saner, Yapjoco)
- Attended the CDC Response All-STLT Update call
- Facilitated one-on-one meeting with EIS Officer

Monthly:

- Participated in the Nevada Association of Local Health Officials (NALHO) meeting
- Participated in the Informatics Department leadership meeting

Professional Development/Conferences:

- Attended the 2025 HL7 International Fast Healthcare Interoperability Resources (FHIR) Training for Public Health virtual webinars
- Attended the Innovative Funding Strategies for Workforce Development webinar facilitated by NACCHO

Ad-hoc Meetings:

- Attended the Nevada Health Authority (NVHA) Stakeholder Update Workshop
- Attended the Legislative Session Recap for Public Health virtual meeting
- Attended a virtual demonstration for Gravity by Innovaccer
- Facilitated a meeting with representatives from Clark County Detention Center and NaphCare Correctional Health regarding COVID
- Attended the Inaugural Youth Advisory Council Orientation and Meeting

Week ending 07/27:

Biweekly:

- Facilitated the Health Executive Council meeting
- Facilitated one-on-one meetings with Direct Reports (Anderson-Fintak, Saxton, Trujillo, Zhang)
- Attended the CDC National Measles Response call
- Facilitated the EIS check-in meeting
- Attended the SNHD/Accela Executive Touchpoint call

Monthly:

- Participated in the Nevada Public Health Association (NPHA) Coordination call
- Participated in the individual Southern Nevada District Board of Health Agenda Review meeting with Commissioner Becker, Councilwoman Larson, Mayor Pro Tem Gallo, Bobbette Bond, Mayor Hardy
- Participated in the Clark County Medical Society Board of Trustees meeting
- Participated in the Southern Nevada District Board of Health meeting
- Participated in the Local Health Official Monthly Engagement meeting facilitated by National Association of County and City Health Officials (NACCHO)

Quarterly:

- Participated in the Community Health Division leadership meeting
- Facilitated a one-on-one meeting with Dr. Robin Carter (Medical Director/Chief Medical Officer)

Ad-hoc Meetings:

- Attended the 2026 Community Health Improvement Plan (CHIP) Kick-off meeting
- Facilitated an internal meeting regarding lab test pricing

Week ending 07/20:

Biweekly:

- Attended the CDC Response All-STLT Update call

Monthly:

- Participated in the Southern Nevada Community Health Center Governing Board meeting

Quarterly:

- Participated in the Public Health Advisory Board meeting

Professional Development/Conferences:

- Attended the 2025 NACCHO 360 Conference

Ad-hoc Meetings:

- Attended the Silver State Health Improvement Plan Special Session: Public Health Infrastructure

Week ending 07/13:

Biweekly:

- Facilitated the Health Executive Council meeting
- Facilitated one-on-one meetings with Direct Reports (Anderson-Fintak, Saxton, Trujillo, Zhang)
- Attended the CDC National Measles Response call
- Facilitated the EIS check-in meeting
- Attended the SNHD/Accela Executive Touchpoint call

Monthly:

- Attended the Big Cities Health Coalition (BCHC) Fast Healthcare Interoperability Resources (FHIR) Forum
- Participated in the BCHC Monthly Member meeting

Media/Interviews/Panelist/Presenter/Events:

- Interview with Mary Hynes (Review-Journal) regarding measles follow-up

Ad-hoc Meetings:

- Facilitated an internal meeting regarding the NACCHO Local Health Department Profile Survey
- Attended the 2025 F1 Kickoff Meeting
- Attended a meeting with Jamie Sorenson (Clark County) regarding the Mobile Medical Outreach Team Project
- Attended a meeting with representatives from the DPBH-NDHHS regarding SHARP1 and SHARP2 Funding & HAI Program Transition

Week ending 07/06:

Biweekly:

- Facilitated one-on-one meetings with Direct Reports (Gonzales, Mangla, Saner, Smith, Trujillo)
- Attended the CDC Response All-STLT Update call
- Facilitated one-on-one meeting with EIS Officer

Monthly:

- Participated in the Monthly Leadership Finance meeting

Professional Development/Conferences:

- Attended the Enhancing Care and Services for Mental Health and Substance Use Disorder virtual workshop facilitated by the National Academies of Sciences, Engineering, and Medicine

Ad-hoc Meetings:

- Facilitated the New Board of Health Member Orientation
- Facilitated an internal meeting with leadership from SNCHC, Finance and Informatics regarding Asset Mapping and Expense Tracking
- Facilitated an internal meeting with leadership from EH, IT and Informatics regarding Accela
- Attended an internal meeting regarding F1 2024 Debrief and 2025 Preparation

Mosquito Disease Surveillance, Education & Prevention

2025 Update

Environmental Health

August 28, 2025



Program Objectives



Routine surveillance to determine species, abundance and disease status



Counterpart notification for breeding site interventions (Code Enforcement, Parks & Recreation, Public Works)



Community education on breeding, biting and disease prevention



No coordinated mosquito abatement across Clark County

SURVEILLANCE

Routine Sentinel sites

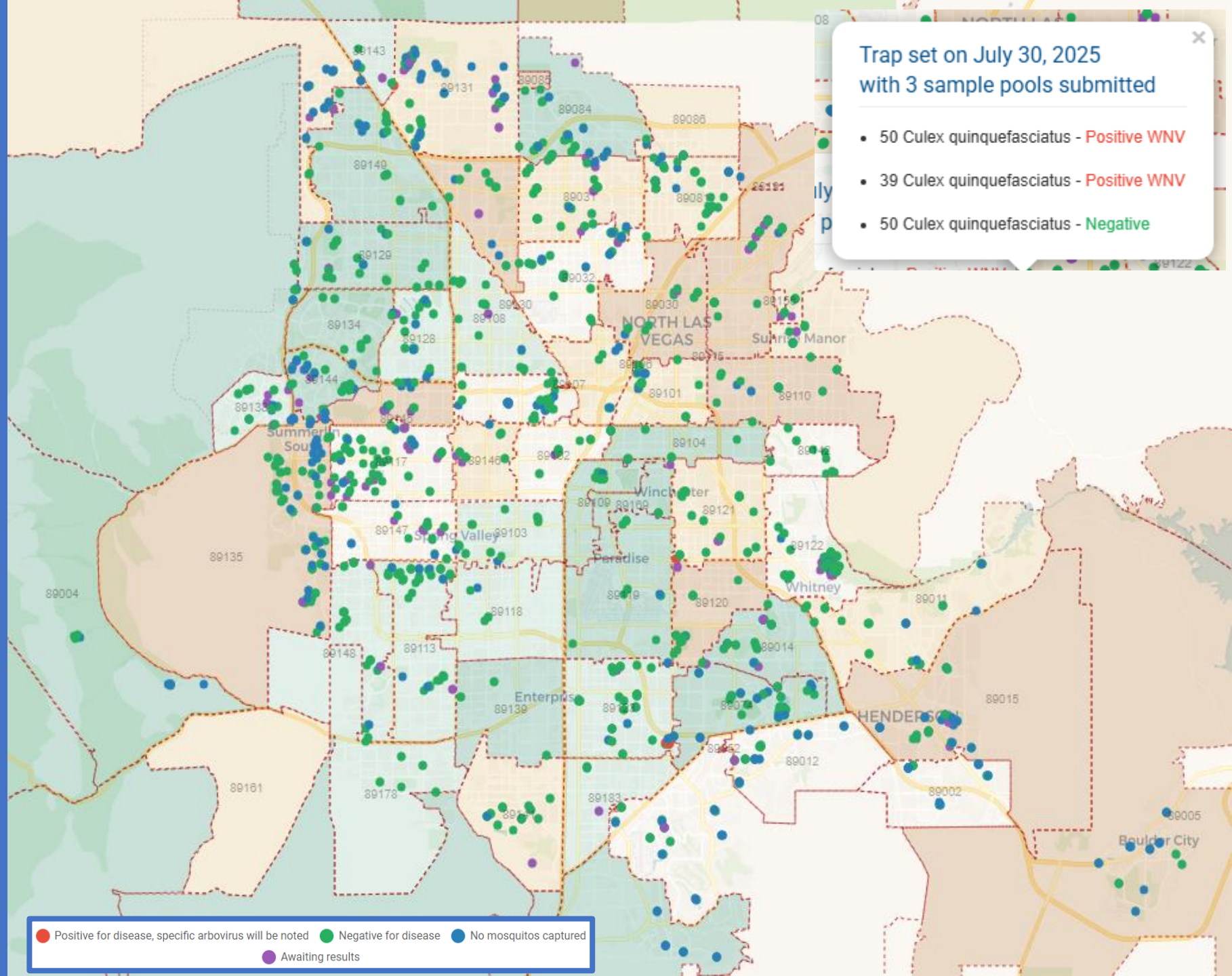
- Wetlands
- Washes
- Parks
- Bird Preserves

Unique Sites

- Citizen Complaints

Web Site Information

- Updated Mapping



Disease Transmission

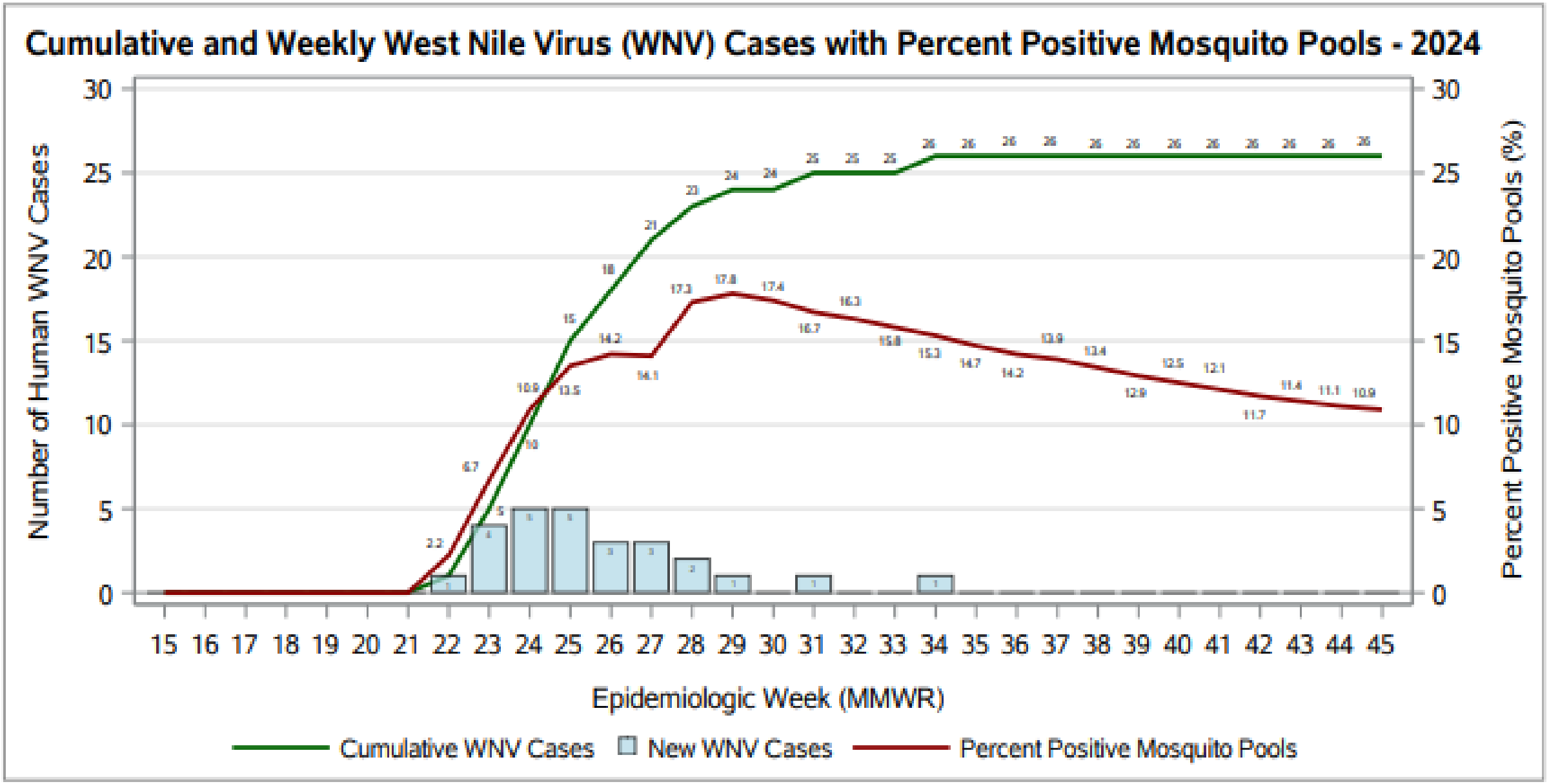


- *Culex* species – Drivers of disease:
- West Nile Virus, St. Louis Encephalitis
- Most common and widespread mosquito
- Primarily feed on birds / Dusk and Dawn
- Breed in abandoned pools, wash channels, culverts
- Can fly up to a mile

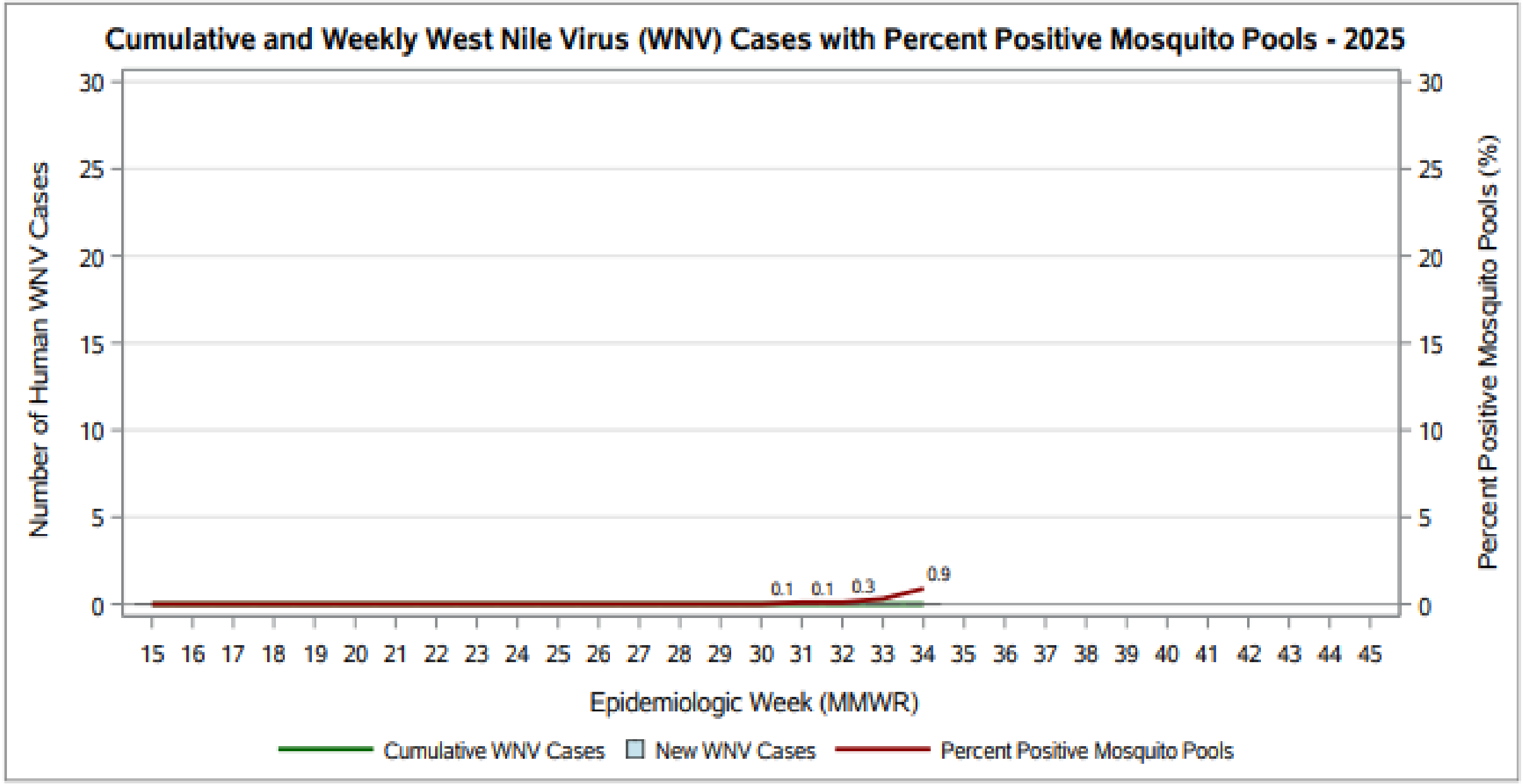
	Traps Set	Mosquitoes Trapped	Submission Vials	WNV + Mosquito Vials	SLEV + Mosquito Vials	Zip codes with WNV	Reported Human WNV cases
2022	3,246	43,516	3,280	0	0	0	0
2023	3,701	68,634	3,149	27 (1%)	0	13	2
2024	3,454	51,304	3,567	388 (15%)	21 (1%)	46	26
2025*	2,054	35,175	1,456	13 (1%)	0	4	0

* As of 8/18/25

2024 Mosquito Activity Summary



2025 Mosquito Activity Summary



Nuisance Biting



- *Aedes aegypti* – Drivers of nuisance calls
- Aggressive, daytime and relentless biter (ankles)
- Primarily feed on people
- Breed in small water sources – tires, planters, buckets
- Short flight range (50 – 100 meters)
- Spread Dengue and Yellow Fever

	Citizen complaints	Number of *Aedes aegypti* trapped*	Zip Codes with Aedes Identified
2021	34	138	6
2022	101	618	12
2023	739	7,409	43
2024	440	1,807	47
2025*	144	1,377	51

* As of 8/20/2025


FIGHT the BITE
HELP PREVENT DISEASES THAT CAN BE SPREAD BY MOSQUITOES
Eliminate standing water
Empty, turn over, cover, or throw out items outdoors that may hold water.
If you have a septic tank, repair cracks or gaps. Cover open vents or plumbin
pipes, and use wire mesh with holes smaller than an adult mosquito.
Prevent mosquito bites
Use screens on windows and doors. Repair any holes in screens.
Use an Environmental Protection Agency (EPA)-registered insect repellent
following the label instructions. Find a list at www.epa.gov/insect-repellent
Report mosquito activity
Residents are urged to report all mosquito activity to the
Southern Nevada Health District, particularly daytime-biting mosquitoes.
Call the Mosquito Surveillance Program at (702) 759-1633.
SNHD
Southern Nevada Health District
MOSQUITO SURVEILLANCE PROGRAM
(702) 759-1633
WWW.SNHD.INFO/MOSQUITO-CONTROL

HENDERSON

August 13, 2025

Cassius Lockett
District Health Officer
Southern Nevada Health District
PO Box 3902
Las Vegas, NV 89127

Dear Dr. Lockett:

It is my pleasure to inform you that at the August 5, 2025, City Council meeting the following appointments were made:

Councilwoman Monica Larson – Southern Nevada District Board of Health (term to expire June 30, 2027)

Holly Lyman – Public Health Advisory Board (term to expire June 30, 2027)

Please let me know if you have any questions or concerns.

Sincerely,

April Parra, CMC, CERA, RP
Council & Commission Services Manager

City Clerk's Office
240 S Water Street, MSC 114, Henderson, NV 89015
T 702-267-1400 **W** cityofhenderson.com

MEMORANDUM

Date: August 28, 2025

To: Southern Nevada District Board of Health

From: Kim Saner, J.D., M.A., SPHR, *Deputy District Health Officer-Administration*
Cassius Lockett, PhD, *District Health Officer*

Subject: **Administration Division Monthly Report – July 2025**

Executive Summary 1
Office of Communications 2
Facilities 3
Finance 4
Health Cards 5
Human Resources (HR) 6
Informatics 8
Information Technology (IT) 11
Workforce Team – Public Health Infrastructure Grant (PHIG) 11
Appendix A – Office of Communications 14
Appendix B – Finance – Payroll Earnings Summary – July 5, 2025 to July 28, 2025 16
Appendix C – Risk Management Annual Report – Fiscal Year Ending June 30, 2025 18

Executive Summary

The Office of Communications issued four News Releases and ran multiple public health campaigns, including Your Shot for a Healthier Tomorrow, Beat the Heat, and Fight the Bite. Staff developed branding materials, including a logo, student guide and PowerPoint template, for the Youth Advisory Council. Staff worked with the Office of Disease Surveillance to develop the 2025 Health Equity Status Report. Facilities installed a new water machine for patients at the Decatur Location and installed a video intercom security system for visitors at the Southern Nevada Public Health Laboratory. Health Cards served 12,939 total clients, including 2,668 clients renewing online, and established a plan on notifying industry regarding the upcoming fee increases. The Information Technology Department has resumed programming the mobile wallet version of the Food Handler and Body Art Cards, with an anticipated launch in January 2026. As of August 1, 2025, the Health District had 817 active employees. Human Resources posted four employment opportunities, held 30 interviews, and extended five job offers. There were five terminations, no retirements, one promotion, four flex-reclasses, no transfers and one demotion.

Office of Communications

News Releases Disseminated:

- Southern Nevada Health District conducting Legionnaires' disease investigation at Harrah's Laughlin
- West Nile virus mosquitoes detected
- Tracking health equity to drive change in Clark County
- Health District reminds parents – Don't wait to vaccinate before school starts

Press:

- Extreme heat
- Mosquito surveillance and West Nile Virus
- Back-to-school immunizations
- Legionnaires disease investigation
- Street food vendors

Five hundred fifty-three news clips related to the Health District, local news coverage and national coverage of public health topics were compiled in July. Coverage includes traditional print, broadcast, digital and online media outlets. A complete list is available at https://media.southernnevadahealthdistrict.org/download/oc/202507-PI-Report.pdf.

Advertisements, Projects Completed and Social Media Summary:
In July, the Office of Communications ran multiple public health campaigns, including Your Shot for a Healthier Tomorrow, Beat the Heat and Fight the Bite. Staff worked with the Health Equity team to develop branding materials, including a logo, student guide and power point template, for the Youth Advisory Council. Staff worked with the Office of Disease Surveillance to develop the 2025 Health Equity Status Report and provided ongoing product support for the Office of Chronic Disease Prevention and Health Promotion, Environmental Health and Administration. The Office of Communications responded to 200 public information email inquiries addressing Health District programs and services, vaccine clinic requests, health fair invitations, complaints and more. Additionally, staff completed 85 internal project requests, providing support in graphic design, website content, photography, advertising, marketing, outreach materials and translation services. Staff also updated the Health District websites, including SNHD.info, SNCHC.org and GetHealthyClarkCounty.org.

On social media, staff focused on promoting the Strip Club (fentanyl and xylazine test strips), Fight the Bite, Beat the Heat, Back-to-School Immunizations and Birth Certificates, Zero Stigma day, Substance Misuse Overdose Prevention Summit, Credible Mind, SNHD.info/SUID, Board of Health recognitions and an above ground pool recall.

Community Outreach and Other:

- Three Square Food Bank/Supplemental Nutrition Assistance Program, Low Income Energy Assistance Program and Temporary Assistance for Needy Families program clients processed: 20
- Department of Welfare & Supportive Services Medicaid/Supplemental Nutrition Assistance Program applications: n/a

Legislative Affairs Update:

- Drafted and sent letters to congressional delegation regarding Title X funding

- Drafted public comment for Proposed Reinterpretation of Federal Public Benefits under PRWORA
- Began drafting annual report to LCB on SB118 funds

Meetings and Events of Note:

- July 01: CAA 2025 Legislative Session Debrief
- July 01: Unlocking Big Cities Heath Data: Real Life Applications for Local Health Departments
- July 01: ASTHO Reaccreditation Sustainability meeting
- July 08: Building Capacity for Accreditation Sustainability Learning Community
- July 09: Back to School meeting
- July 11: Big Cities Health Coalition/PIO Communications call
- July 14: Future Sync Training
- July 14: Legislative Update presentation at Public Health Advisory Board meeting
- July 15: Back-to-School flyer distribution Cooperative Extension
- July 16: Back-to-School flyer distribution East Las Vegas Community Center and Latin Chamber
- July 16: Final coaching call for Accreditation Sustainability
- July 17: Silver State Health Improvement Plan Special Session: Public Health Infrastructure
- July 21: Back to School flyer distribution Rainbow library, and Research, Education and Access for Community Health (R.E.A.C.H.)
- July 22: Webinar on new federal benefits rule and impact on community health centers
- July 23: 2026 Community Health Improvement Plan Kick-Off Meeting
- July 23: Community Health Improvement Plan meeting
- July 29: Legislative Session Recap for Public Health Meeting
- July 30: Back to School flyer distribution Mojave Behavior Center, Cardenas and PUENTES
- Meetings related to State Public Health Funds and SB118 reporting

Please see Appendix A for the following:

- Media, Collateral and Community Outreach Services
- Monthly Website Page Views
- Social Media Services

Facilities

Monthly Work Orders	July 2024	July 2025		YTD FY25	YTD FY26	
Maintenance Responses	218	367	↑	218	367	↑
Electrical Work Orders	19	60	↑	19	60	↑
HVAC Work Orders	17	37	↑	17	37	↑
Plumbing Work Orders	17	16	↓	17	16	↓
Preventive Maintenance	25	83	↑	25	83	↑
Security Responses	2,406	2,458	↑	2,406	2,458	↑

Current Projects

Decatur Location

- Installed access controls on front doors of Decatur Health Cards and Vital Records suites for employee access.

- Installed new water machine for patients in FQHC.

SNPHL Location

- Installed a new video intercom security system for visitor access.
- Installed additional networking port.
- Purchased two new courier vehicles.
- Upgraded BSL3 air handling filters.

Finance

Total Monthly Work Orders	July 2024	July 2025		YTD FY25	YTD FY26	
Purchase Orders Issued	606	531	↓	606	531	↓
Grants Pending – Pre-Award	1	8	↑	1	8	↑
Grants in Progress – Post-Award	11	4	↓	11	4	↓

* Grant applications and NCCs created and submitted to agency
** Subgrants routed for signature and grant amendments submitted
No-Cost Extensions and Carryover requests are not quantified in this report.

Grants Expired – July 2025						
KEY: P=Pass-through, F=Federal, S=State, O=Other						
Project Name	***Grantor***	***End Date***	***Amount***	***Reason***	***FTE***	***Comments***
State of Nevada, Epidemiology, Infectious Disease Surveillance and Monitoring for the ELC Program (el2nir25)	P-CDC	7/31/2025	$124,564	End of project period	0.25	May be renewed as a child under elcont26
State of Nevada, Epidemiology and Laboratory Capacity Program, Year 1 of 5 (elcont25)	P-CDC	7/31/2025	$377,055	End of project period	2.25	FY2026 in process of being renewed

Grants Awarded – July 2025							
KEY: P=Pass-through, F=Federal, S=State, O=Other							
Project Name	***Grantor***	***Received***	***Start Date***	***End Date***	***Amount***	***Reason***	***FTE***
Comagine Health, Advancing Health Equity to address diabetes (AHEAD)	P-CDC	7/2/2025	6/30/2025	6/29/2026	$50,962	FY2025 renewal	0.3

Grants Awarded – July 2025							
KEY: P=Pass-through, F=Federal, S=State, O=Other							
Project Name	***Grantor***	***Received***	***Start Date***	***End Date***	***Amount***	***Reason***	***FTE***
Amendment 2 (codpp_24)							
H80CS33641-06-10, Health Center Service Area, Amendment 10 (hcsac_25)	F-HRSA	7/15/2025	2/1/2025	1/31/2026	$426,297	Released remainder of FY25 budget	0.00
State of Nevada, Hepatitis Prevention and Control (aduhep25)	P-CDC	7/8/2025	5/1/2025	4/30/2026	$26,050	FY2025 renewal	0.15
Retail Food Retail - Mentorship Project (rfment25)	P-FDA	7/21/2025	4/1/2025	3/31/2026	$12,000	FY2025 renewal	0.77

Contracts Awarded – July 2025							
KEY: P=Pass-through, F=Federal, S=State, O=Other							
Project Name	***Grantor***	***Received***	***Start Date***	***End Date***	***Amount***	***Reason***	***FTE***
Clark County, Public Health Nurse Liaison Services for Child Protective Services, Year 5 of 6 (cps_26)	CC-CONTRACT	7/8/2025	7/1/2025	6/30/2026	$81,078	FY2026 renewal	1.00
Environmental Protection Agency, Safe Drinking water, Year 1 of 2 (sdw_26)	P-EPA	7/21/2025	7/1/2025	6/30/2026	$182,170	FY2026 renewal	0.27

Health Cards

1. Appointments continue to be required for food handler card testing and open as follows:
   a. Advance appointments for our Decatur, Fremont, and Henderson offices open each weekday morning at 6 a.m. for that day in the following week.
   b. Additional same-day appointments at our Decatur and Fremont offices open for booking each working day by 7:30 a.m. as staffing allows.

c. Same-day appointments for our Laughlin and Mesquite offices open for booking each working day at 5:00 a.m.

2. For the month of July, we averaged 86 "passing and paying" online renewal clients per day, with a total of 2,668 clients renewing online.
3. We have established a plan on how to notify industry about the fee increase approved din June by the Board of Health. A $5 increase will go into effect on January 1, 2026, raising the fee from $20 to $25. A further $5 increase will go into effect on January 1, 2028, raising the fee from $25 to $30. Industry will be notified via a variety of methods in the coming months.
4. Our Information Technology office has resumed programming the mobile wallet version of the food handler and body art cards that we intend to launch in January 2026.

CLIENTS SERVED	July 2025	June 2025	May 2025	Apr 2025	Mar 2025	Feb 2025
FH Cards – New	5,797	5,910	5,508	5,877	5,368	5,365
FH Cards – Renewals	2,161	1,194	1,180	1,172	1,042	988
FH Cards – Online Renewals	2,668	2,867	2,842	2,525	2,361	2,024
Duplicates	579	511	552	589	517	514
CFSM (Manager) Cards	256	191	199	215	231	233
Re-Tests	1,349	1,146	1,171	1,280	1,195	1,210
Body Art Cards	129	120	112	126	98	99
TOTALS	**12,939**	**11,939**	**11,564**	**11,784**	**10,812**	**10,433**

Human Resources (HR)

Employment/Recruitment:

- 0 New job title for July
- 817 active employees as of August 1, 2025
- 0 New Hires, including 0 rehires and 0 reinstatements
- 5 Terminations, including 0 retirements
- 1 Promotion, 4 Flex-reclasses
- 0 Transfers, 0 Lateral Transfers
- 1 Demotion
- 36 Annual Increases
- 30 Interviews
- 5 Offers extended
- 4 Recruitments posted
- Turn Over Rates
  - District Administration: 0.540%
  - Community Health: 0.000%
  - Disease Surveillance & Control: 0.858%
  - Environmental Health: 0.509%
  - Public Health & Preventive Care: 0.930%
  - FQHC: 0.913%

Temporary Employees

- 5 Temporary Staff

Safety

To be included with next month's report

Employee/Labor Relations

- 0 Coaching and Counseling, 1 Verbal Warning, 0 Written Warnings, 0 Suspensions, 0 Final Written Warnings, 0 Terminations, 0 Probationary Releases
- 3 Grievances
- 0 Arbitrations
- 520 Hours of Labor Meetings (with Union)
- 80 hours investigatory meetings
- 5 Investigations
- 15 Complaints & Concerns
- 100 Hours ER/LR Meetings with managers or employees
- Number of EEOC/NERC and EMRB cases: 3

Interns

There were a total of 31 interns providing 540 applied public health practice hours in July 2025. This total includes 12 new students for July and 19 summer semester students.

Interns and Clinical Rotations	July 2025	YTD
Total Number of Interns [1]	31	12[3]
Internship Hours [2]	540	540

[1] Total number of students, residents, and fellows

[2] Approximate hours students, residents, and fellows worked in applied public health practice

[3] Only includes the new students for July

Training (In-Person and Online)

- July 10, 2025 – Public Speaking Workshop (7 Attendees)
- July 10, 2025 – DiSC Training (18 attendees)
- July 21, 2025 – DiSC Training (18 attendees)
- OVS Division Reports: All Leadership
    - July 1, 2025 – Disease Surveillance and Control
    - July 9, 2025 – Community Health
    - July 15, 2025 – Public Health and Preventive Care
    - July 16, 2025 – FQHC
    - July 22, 2025 – Environmental Health
    - July 29, 2025 – Administration

New Hire Orientation

- 0 new hires for July

Informatics

A. EpiTrax

1. Work with the Epidemiology and Surveillance teams to monitor systems and applications, investigate and troubleshoot issues, and resolve them as they arise. Provide ongoing user account support.
   - Ongoing Alchemer survey line lists for Legionellosis investigation.
   - Added new data fields to capture additional Mumps and Pertussis MMG questions.
   - Reviewed and updated fields in the Case Management form.
   - Implement a new AKA data field pending review.
   - Review and clean up TB invalid answer options.
   - Continue improving the CSV export feature to include data from repeating fields.
2. Continue working with OpenEMPI integration with EpiTrax system:
   - Updated and continue reviewing the OpenEMPI person matching configuration to improve match accuracy.
3. EpiTrax User Requests

EpiTrax Requests	June 2025	July 2025
EpiTrax Requests Completed	9	9
EpiTrax Requests Opened	69	66
EpiTrax New Requests	7	6

B. Electronic Message Staging Area (EMSA)

1. Continue to work on EMSA2, including mapping new LOINC and ICD10-CM codes, integrating incoming labs, data processing, and reviewing logic for exceptions and errors.
2. Conduct regular sessions to review message exceptions including UMC/HCA/Intermountain Healthcare Inc./UHS/Centennial Clinic/Optum/Southwest Medical error except handling and mapping new codes.
3. eCR went live for Optum Del Webb Satellite, Optum Care Mountain West Home Health, and North Tenaya Southwest Medical Associates clinics.
4. Added the ability to view eCR in the formatted layout in addition to a raw XML.
5. Updating the EMSA automation process configuration and server to support the increased workload from onboarding more eCR.
6. ELRs and eCRs.

ELRs	June 2025	July 2025
Total Received	104,562	120,348
Total Processed	104,353	121,033
Under Review	609	725
Event Updated	15,867	19,075
Event Created	8,264	8,481

eCRs	June 2025	July 2025
Total Received	455,242	85,864
Total Processed	44,134	233,966
Under Review	1,561,101	1,158,275
Event Updated	499	3,389
Event Created	59	629

C. Data Warehouse

1. Deduplicate form reference data.
2. Review the SNPHL lab summary count process, which is no longer updating data.
3. Improving logging to track data warehouse ETL issues.

4. Continue updating ETL queries to reduce runtime.

D. Pentaho Report

Pentaho Reports	June 2025	July 2025
Updated	6	4
Created	0	1

E. Dashboard

1. Respiratory disease ArcGIS dashboard: Continuing development of the Influenza-Like Illness (ILI)/indicators dashboard as part of the broader respiratory disease dashboard. Implemented an ETL script to process data for this dashboard.
2. Start wastewater ArcGIS dashboard design.
3. Power BI finance billing dashboard: Prepare and continue developing additional reports from staff feedback; summary, claim, and CPT. The group summary report is completed.

F. Southern Nevada Public Health Laboratory (SNPHL)

1. Bolstering the Outreach system to enhance efficient and timely specimen ordering and result delivery for partners.
2. Add location, clinical questions, orderables for the Outreach system. Moving clients from faxing to the Outreach system for order/result delivery.
3. Continue to build reports/data extracts for various data requests and Quality Assurance.
4. Revised LRN testing to migrate from Global Fever Panel to Tropical Fever Panel.
5. Resolved issue with RBC and WBC testing due to 2 instruments using the same identifiers.
6. Revised LRN/BSL testing format and updated all result report comments.
7. Implemented validation checked to ensure staff use sample types consistent with CDC guidelines.
8. New interface to automate PulseNet results into LIMS.
9. Added LRN/BSL conclusions for non-CDC customers.
10. Removed unused tests from LIMS to keep the system clean and comprehensible.
11. Configurations for Hematology and Urinalysis testing including reference ranges and algorithms.

G. Electronic Health Record (EHR) System

1. Maintain the system to support patient care and documentation, with configuration adjustments to enhance charting, reporting efficiency, and to accommodate new locations and services.
2. Collaborate with NV HIE and eCW on eCR and FHIR implementation.
3. Quarterly data submission for Healthy Start Monitoring and Evaluation Data System (HSMED).
4. Ongoing review of Clinical Quality Management (CQM) and calculations to ensure accuracy and quality improvement.
5. Build new SNPHL lab components in the EHR for longitudinal view of lab testing.
6. Discussions for structured questions template design for Congenital Syphilis Management.
7. Generate and review monthly reports for FQHC and Primary Care Center (5 reports).
8. Validations being performed for the automated urinalysis testing using Clinitek (instrument) and Orchard/HER.
9. Preparing for eCW update for next version.

10. EHR Requests and Reports.

EHR Requests	June 2025	July 2025
Requests Completed	11	18
Requests Opened	15	20

eCW Reports	June 2025	July 2025
FQHC	3	9
PPC	2	6

H. Clark County Coroner's Office (CCCO)

1. Continue to provide support to CCCO on new Coroner and Medical Examiner Case Management System (CME) implementation, testing, data requests, and reports.
2. Work with contractor on possible public-facing dashboard for death statistics.
3. Continue researching integration and automation opportunities to reduce manual data fetching for staff.
4. Planning for integration of additional lab results into existing case management system.
5. Fulfill internal and external data requests using aggregated death data.
6. Assist County Public Information Officer with location and release of high-profile deaths.
7. Continue to work with the vendor to implement end user requests/enhancements, including user requirements and end user testing.
8. Completed refactoring of code solution for faster processing of grant-related cases to CDC.

I. Data Modernization Initiative (DMI)

1. Finalize the test scenario case worksheet for TB/LTBI cases and use NMI to export these test cases to CDC.
2. Continue mapping fields for the implementation spreadsheet for MMG; Mumps, Pertussis, and Varicella.
3. Continue adding PHIN VADS for Mumps, Pertussis, and Varicella in NMI.

J. National Syndromic Surveillance Platform/Electronic Surveillance System for the Early Notification of Community-Based Epidemics (ESSENCE)

1. Maintain and enhance syndromic surveillance system for new providers and future support.
2. Continue onboarding four new Intermountain Healthcare clinics. Expected completion Fall 2025. Risk management forms completed.

K. Other Projects

1. Maintain and enhance the iCircle web application, including user account support, site maintenance, and data corrections and updates.
2. Completed 6 months of data upload for Rocky Mountain Poison Control feed.
3. Continue supporting the PILLARS team member for access to HIE standardized data.
4. Vital Records database refresh to update data.
5. NVCLPP; contacted providers to notify them about the invalid/unsupported file uploaded. Uploaded UNLV user guide for lead reporting.

L. National and State Meetings/Workshops

1. CSTE EHI Access Workgroup Meeting
2. CSTE eCR Consensus Criteria Workgroup
3. CSTE Electronic Laboratory and Disease Reporting Subcommittee Call
4. CSTE - CDC Frontline Tools workgroup

5. DMI LC Monthly Call
6. EpiTrax Consortium release manager meeting
7. BCHC Data Modernization Work Group
8. Statewide Syndromic Surveillance Monthly Workgroup
9. CDC HL7 FHIR Training

Information Technology (IT)

Service Requests	July 2024	July 2025		YTD FY25	YTD FY26	
Service Requests Completed	1,355	941	↓	1,355	941	↓
Service Requests Opened	1,543	1,051	↓	1,543	1,051	↓

Information Services System Availability 24/7	July 2024	July 2025		YTD FY25	YTD FY26	
Total System	94.31	90.81	↓	94.31	90.81	↓

Total Monthly Work Orders by Department	July 2024	July 2025		YTD FY25	YTD FY26	
Administration	374	250	↓	374	250	↓
Community Health	142	95	↓	142	95	↓
Environmental Health	238	175	↓	238	175	↓
Primary & Preventive Care	325	205	↓	325	205	↓
Disease Surveillance & Control	130	132	↑	130	132	↑
FQHC	232	154	↓	232	154	↓
Other	12	15	↑	12	15	↑

First Call Resolution & Lock-Out Calls	July 2024	July 2025		YTD FY25	YTD FY26	
Total number of calls received	1,543	1,051	↓	1,543	1,051	↓

Workforce Team – Public Health Infrastructure Grant (PHIG)

Workforce Team

- Workforce engagements:
  - Monthly Position Review Committee cancelled for July 2025.
  - Prepared the July 2025 Hiring Plan for submission to CDC.
  - Met with DHO to discuss internal results of the NACCHO PROFILE Survey before final submission to NACCHO.
  - Submitted NACCHO Profile Survey to NACCHO via online portal prior to the suspense set by NACCHO.
  - Briefed the Health Executive Council on PHIG activities including budget concerns, personnel impacts, and organizational challenges.
  - Participated in the July Board of Health meeting

- Participated in Region 7 Disaster Health Response Ecosystem (R7DHRE) Webinar – The Role of Forensic Nurses in Emergency Response and Infectious Disease. A great and informative webinar with unique uses for these nurse specialties.
- Participated in the final FutureSync training – Team Engagement Strategies – Executive Leadership Development Testing.
- Met with accountant and reviewed PHIG Strategy A2 (Foundational Capabilities) budget in preparation for submission to CDC prior to August 25, 2025.

CDC Requirements

- Monthly CDC Project Officer meeting was convened on July 9, 2025.
- Finalized, reviewed, and approved monthly hiring plan for submission to the CDC.
- Participated in the Non-Competing Continuation (NCC) Office Hours on July 8 and 9 to better understand the submission process for this year.
- Developed, communicated, and reviewed PHIG Strategy A2 (Foundational Capabilities) budget and narrative for the Non-Competitive Continuation Application.

Performance Management

- Met with the Health Executive Council to report upon and refresh operations procedures of the VMSG dashboard used to track progress of strategic plan objectives and activities.
- Chaired the monthly meeting of PM/QI Team with reports on QI consulting from May and progress of large QI projects.
- Attended the third and fourth sessions, virtually, from Stanford School of Design centered in design thinking in local government.
- Provided 5 team hours of strategic plan support around objective and activity formation and upload to VMSG.
- Began a certification course from Cornell University including projects, research, and lecture with 70 hours of contact time over 4 months. Curricula mirrors topics found in many Master in Public Health (MPH) programs. This should be an excellent learning opportunity as performance management and QI grows across the district. Learning how groups can apply performance and quality tools will drive adoption and impact of the district.

Quality Improvement

- Healthy Start Client Conversion Project: Health the second workshop for 11 CHWs and their leadership team to improve conversion from leads to clients. Focused on ways to build personal emotional connection with potential clients on the phone. Facilitated new speaking points for phone conversations to drive interest and flow of services. Collaborated with the group to design a detailed self-scorecard to track the success of their calls and plan how to improve on the next call.
- Attended the FQHC all staff meeting to brief them on the status of QI projects in their division with recognition for work in progress in the appointment scheduling area.
- Launched the first Point Kaisen event utilizing skills from Lean Six Sigma Green Belt certification with the FQHC call center and their leadership team to combat a high rate of patient no-shows for their scheduled appointments. Success in this project will result in less idle time for providers and greater access to care for our community.
    - Met with key stakeholders individually after the group meeting for more detail and planning around data collection
    - Design and execution required 28 team hours.
- Participated in the monthly QI Advocate meeting chaired by NVDPBH to support QI across state health departments.

- Invested 32 team hours of design work and time with FQHC leadership developing an improvement charter to provide information for leadership and the Board around countermeasures for the upcoming rules around using federal funding to benefit undocumented uninsured persons. New rules are expected to have a large impact on FQHC operations and budgeting in the Health Center. This is the largest local project to utilize the A3 problem solving template.
- Designed and executed the first Gemba Walk for the Health Executive Council (HEC) with other key leaders.
    - The group observed the Back-To-School immunization process and practiced observation skills to identify waste. The output produced dozens of opportunities for increasing utilization of space in the Red Rock meeting room. This will also create more efficient flow of patients with little investment in space.
    - Then next step of this process is to facilitate another meeting with the HEC to debrief the observations recorded by the group and design solutions using the A3 Improvement Charter to organize interventions.

PHAB Reaccreditation

- Completed collaboration with ASTHO and five large health departments to update the handbook for sustaining PHAB Reaccreditation. This has driven two collaborations with the Office of Communications in driving awareness of the value of our Accredited status. The work product of the national group will be combined from this cohort and shared with all accredited health departments for continuous improvement.
- Attended the kickoff meeting for the CHIP project. This is an integral part of Accreditation. SNHD started their first CHIP and CHA to be eligible for initial Accreditation prior to 2020.

PHIG

- 3 hours spent in meetings around administration and planning of the grant.
- 2 hours spent on administrative tasks related to the department purchasing card used for travel and office supplies.
- 2 hours of webinars with Act for Public Health organization that tracks legislation and executive orders affecting public health.

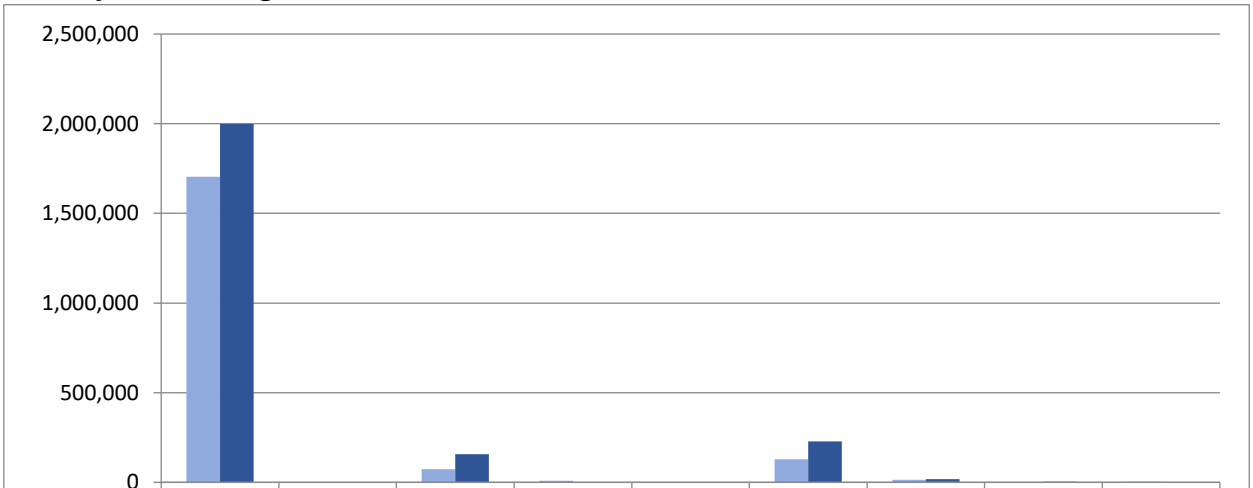
Appendix A – Office of Communications

Media, Collateral and Community Outreach Services:	**July 2024**	**July 2025**		**YTD FY25**	**YTD FY26**	
Media – Digital/Print Articles	102	21	↓	102	21	↓
Media - Broadcast stories	232	47	↓	232	47	↓
Collateral - Advertising/Marketing Products	28	13	↓	28	13	↓
Community Outreach - Total Volunteers[1]	7	1[2]				
Community Outreach - Volunteer Hours	504	54	↓	504	54	↓

[1]Total volunteer numbers fluctuate from month to month and are not cumulative.

[2]Volunteer numbers reported in July 2025, reflect a temporary suspension of the program due to a federal funding delay.

Monthly Website Page Views:



	SNHD	Healthy Southern NV	GHCC	Viva Saludable	SNHD POD	OEDS Needle Exchange	SNCHC	attractingaddictionnv.com	cannabisfactsnevada.org
July 2024	1,703,909	0	73,109	8,323	1,547	128,416	13,468	1,570	3,410
July 2025	1,998,257	1,639	157,428	2	2,044	228,881	17,744	2,819	2,208

-Began tracking page visits in 2024 for attractingaddictionnv.com and cannabisfactsnevada.org websites.
-Began reporting Health Southern Nevada monthly views in April 2025.

Social Media Services		**July 2024**	**July 2025**		**YTD FY25**	**YTD FY26**
Facebook SNHD	Followers	13,447	13,639	↑	N/A	N/A
Facebook GHCC	Followers	6,121	6,104	↓	N/A	N/A
Facebook SHC	Followers	1,643	1,623	↓	N/A	N/A
Facebook THNK/UseCondomSense	Followers	5,291	5,172	↓	N/A	N/A
Facebook Food Safety	Followers	168	179	↑	N/A	N/A
Instagram SNHD	Followers	4,660	5,385	↑	N/A	N/A
Instagram Food Safety	Followers	525	535	↑	N/A	N/A
Instagram GetHealthyCC	Followers	208	312	↑	N/A	N/A
Instagram @Ez2stop	Followers	146	152	↑	N/A	N/A
X (Twitter) EZ2Stop	Followers	429	418	↓	N/A	N/A
X (Twitter) SNHDflu	Followers	1,855	1,746	↓	N/A	N/A
X (Twitter) Food Safety	Followers	103	100	↓	N/A	N/A
X (Twitter) SNHDinfo	Followers	10,415	9,957	↓	N/A	N/A
X (Twitter) TuSNHD	Followers	345	339	↓	N/A	N/A

Social Media Services		July 2024	July 2025		YTD FY25	YTD FY26
X (Twitter) THNK/ UseCondomSense	Followers	679	657	↓	N/A	N/A
X (Twitter) SoNVTraumaSyst	Followers	126	120	↓	N/A	N/A
Threads SNHD	Followers	823	975	↑	N/A	N/A
TikTok @Ez2stop	Views	19	49	↑	N/A	N/A
*TikTok SNHD	Views	0	251	↑	N/A	N/A
YouTube SNHD	Views	189,047	179,685	↓	189,047	179,685
YouTube THNK / UseCondomSense	Views	200	45	↓	200	45

Note: Facebook, Instagram and X (Twitter) numbers are not cumulative.
*SNHD added to TikTok in September 2024

Appendix B – Finance – Payroll Earnings Summary – July 5, 2025 to July 28, 2025

PAYROLL EARNINGS SUMMARY
July 5, 2025 to July 18, 2025

	Pay Period	Calendar YTD	Fiscal YTD	Budget 2026	Actual to Budget	Incurred Pay Dates to Annual
PUBLIC HEALTH & PREVENTATIVE CARE	$ 325,572.85	$ 4,806,780.89	$ 644,301.85	$ 9,195,237.18	7%	
ENVIRONMENTAL HEALTH	$ 660,563.63	$ 9,856,569.32	$ 1,321,962.53	$ 17,951,295.42	7%	
COMMUNITY HEALTH	$ 326,514.01	$ 4,747,767.49	$ 648,471.11	$ 9,910,529.22	7%	
DISEASE SURVIELLANCE & CONTROL	$ 382,861.46	$ 5,830,040.11	$ 778,201.36	$ 10,671,639.69	7%	
FQHC	$ 354,687.73	$ 5,446,105.98	$ 709,220.66	$ 11,060,800.45	6%	
ADMINISTRATION W/O ICS-COVID	$ 624,939.22	$ 9,278,443.31	$ 1,244,174.51	$ 15,657,123.65	8%	
ICS-COVID General Fund		$ -	$ -		0%	
ICS-COVID Grant Fund	$ -	$ -	$ -			
TOTAL	**$ 2,675,138.90**	**$ 39,965,707.10**	**$ 5,346,332.02**	**$ 74,446,625.61**	7%	8%
FTE	816					
Regular Pay	$ 2,311,477.96	$ 32,172,182.91	$ 4,492,373.12			
Training	$ 7,188.41	$ 59,135.42	$ 8,672.85			
Final Payouts	$ -	$ 324,811.23	$ 37,711.64			
OT Pay	$ 14,083.03	$ 183,015.97	$ 23,119.48			
Leave Pay	$ 316,892.11	$ 6,309,383.17	$ 722,597.11			
Other Earnings	$ 25,497.39	$ 917,178.40	$ 61,857.82			
TOTAL	**$ 2,675,138.90**	**$ 39,965,707.10**	**$ 5,346,332.02**			

BI-WEEKLY OT/CTE BY DIVISION/DEPARTMENT
July 5, 2025 to July 18, 2025

Overtime Hours and Amounts | **Comp Time Hours Earned and Value**

ADMINISTRATION

Employee	Project/Grant Charged to	Hours	Amount	Employee	Hours	Value
Munford, Elizabeth		1.25	67.01	Gonzales, Fabiana	2.25	74.42
Keegan, Dahlia		5.00	268.03	Burgess, Anna	15.00	436.89
Ubando, Marjorie		11.75	629.87			
Tran, Amy		10.50	672.89			
Urena, Maite		10.30	348.20			
Maldonado, Julie		5.75	340.98			
Kuahiwinui-McGuire, Brandon		5.50	185.93			
Murphy, Melissa		21.25	858.73			
Sterling, Nathan		10.10	324.71			
To, Helen		6.50	366.51			
Herrera Ortiz, Maria		17.00	599.99			
De Lisle, Ricky		3.25	124.82			
Arcuri, Steven		0.25	13.73			
Total Administration		**108.40**	**4801.40**		**17.25**	**511.31**

COMMUNITY HEALTH SERVICES

Employee	Project/Grant Charged to	Hours	Amount	Employee	Hours	Value
Brown, Daniel		0.45	36.30	Ahlo, Malcolm	40.00	2043.12
Ahlo, Malcolm	VAPFHN26	0.50	17.34			
Total Community Health Services		**0.95**	**53.64**		**40.00**	**2043.12**

FQHC-COMMUNITY HEALTH CLINIC

Employee	Project/Grant Charged to	Hours	Amount	Employee	Hours	Value
Valdes-Ayala, Beatriz	FP_25 NO MILEA	0.50	21.84			
Manaloto, Xcelza	FP_25 NO MILEA	0.45	32.76			
Total FQHC-Community Health Clinic		**0.95**	**54.60**		**0.00**	**0.00**

PUBLIC HEALTH & PREVENTIVE CARE

Employee	Project/Grant Charged to	Hours	Amount	Employee	Hours	Value
Enzenauer, Lizette		4.50	266.85	Arquette, Jocelyn	1.13	58.94
Chongtai, Loriza		0.25	20.17	Bernabe, Xandee	8.25	400.36
Cervas, Marie		8.00	582.34			
Gomez, Karen		0.25	9.12			
Nagai, Sage		0.25	17.75			
Aucalla, Gennesis		0.25	9.12			
Landini, Karleena		4.50	327.57			
Carbajal-Mazon, Wendy		11.00	353.65			
Total Public Health & Preventative Care		**29.00**	**1586.57**		**9.38**	**459.30**

ENVIRONMENTAL HEALTH

Employee	Project/Grant Charged to	Hours	Amount	Employee	Hours	Value
Hall, Nancy		5.00	383.08	Santiago, Anthony	4.50	207.55
Taylor, George		1.25	86.48	Whiting-Green, Willandra	10.13	443.86
Sheffer, Thanh		1.50	101.07	Ramakrishnan, Veena	1.50	62.50
Woods, Heather		2.30	154.97	Valadez, Alexis	3.75	134.01
Lett, Kendra		9.00	638.89	Erickson, Sarah	0.38	11.80
Ortiz-Rivera, Vanessa		5.50	370.59	Hernandez, Abel	1.88	57.47
Cummins, Veronica		1.00	59.30	Schuler, Emalee	1.50	45.97
Wills, Jerry		11.00	620.25			
Blackard, Brittanie	FDILL_25	4.00	225.55			
Calzado, Neil		11.00	574.18			
Jones, Mallory		1.75	91.35			
Thein, Kelsey		3.00	156.60			
Jufar, Lydia		2.00	101.85			
Ross, Alyssa		1.75	84.65			
Galvez, Alexus		4.00	203.70			
Hall, Alyssa		1.75	82.60			
Vinh, Jonathan		2.50	118.00			
Hernandez, Lilian		12.50	574.66			
Herrera, Carlos		9.00	413.76			
Roberts, Jamie		3.75	172.40			
Nwaonumah, Nosa		3.50	160.91			
Hernandez, Abel		1.00	45.97			
Thompson, Deshawn		4.00	183.89			
Total Environmental Health		**102.05**	**5604.70**		**23.63**	**963.16**

DISEASE SURVEILLANCE & CONTROL

Employee	Project/Grant Charged to	Hours	Amount	Employee	Hours	Value
Rossi Boudreaux-Thibodeaux, Dustin (Tux)		7.50	518.88			
Ewing, Tabitha	PH1DC_23 NO M	3.00	197.27			
Ewing, Tabitha		10.00	657.57			
Herrera, Reyna		10.00	608.40			
Total Disease Surveillance & Control		**30.50**	**1982.12**		**0.00**	**0.00**
Combined Total		**271.85**	**14083.03**		**90.25**	**3976.88**

Southern Nevada Health District

Risk Management Annual Report

Fiscal Year Ending June 30, 2025

Legal Department
August 2025

SOUTHERN NEVADA Community HEALTH CENTER

EXECUTIVE SUMMARY

This report provides a summary of the Southern Nevada Health District's Risk Management activities for Fiscal Year 2025. As part of Risk Management's strategy of developing a risk management culture, this report will be presented to the Health District's Health Executive Council.

Risk Management continues to analyze current insurance market trends. Risk Management determined that utilizing POOL/PACT was costly to the Health District and moved to a private insurance broker with healthcare facility experience. This move saved the Health District $353,324.18 in the first year. Due to continued low claims, the Health District anticipates continued savings next fiscal year, as well.

RISK MANAGEMENT STRUCTURE AND GOALS

Risk Management

Risk Management is the process of identifying risks, assessing the likelihood and impact of their occurrence, and determining the most effective means of managing them or reducing them to an acceptable level. The aim is to reduce the frequency of risk events occurring and minimize the severity of their consequences if they do occur. The goal is to reach an optimal balance of risk, benefit, and cost while achieving business objectives. The Health District's Risk Management Program seeks to achieve this goal by being a resource to Health District programs and divisions in the areas of risk and claims management concepts, consulting, and education. Good risk management also ensures the Health District is in a stronger position to minimize financial losses, service disruption, bad publicity, threats to public health, and compensation claims.

Risk Management manages the Health District's commercial liability programs. As program administrator, the Risk Manager manages demands and lawsuits of professional and general liability claims against the Health District and its employees. Although there is no direct financial implication, the mitigation of risk is a key element of good financial stewardship.

Risk Management purchases the Health District's Employment Practices insurance and gets involved in strategy and any settlement discussions in cooperation with the Human Resources department.

Primary Risk Management activities include:

- ✓ Investigation, management, and disposition of professional liability claims and lawsuits
- ✓ Investigation, management, and disposition of general liability claims and lawsuits
- ✓ Risk education
- ✓ Risk assessment and loss control
- ✓ Commercial insurance purchasing
- ✓ Risk monitoring and reporting

FISCAL YEAR 2025 RESULTS

INSURANCE POLICIES

The Health District maintains insurance coverage for exposure to a variety of potential claims. The primary coverages include:

- Professional Liability (Medical Malpractice)
- General Liability
- Employment Practices Liability (EPL)
- Automobile
- Property
- Cyber Risk & Privacy
- Workers' Compensation

For the coverage period (07/01/2024 - 07/01/2025), the Health District's insurance policies are as follows:

Coverage	Policy Period	Limits	Deductible
Professional Liability	07/01/2024 – 07/01/2025	$1M/$3M	$25K
General Liability	07/01/2024 – 07/01/2025	$1M/$3M	$25K
Employment Practices	07/01/2024 – 07/01/2025	$1M	$75K
Automobile	07/01/2024 – 07/01/2025	$1M	$3K
Real Property	07/01/2024 – 07/01/2025	$40M	$25K
Personal Property	07/01/2024 – 07/01/2025	$33M	$25K
Cyber Risk Privacy	07/01/2024 – 07/01/2025	$2M	$25K
Workers' Compensation	07/01/2024 – 07/01/2025	Statutory/$2M	None

Cost of Risk

The Cost of Risk compares the Health District's risk management program expenditures to the Health District's fiscal year operating expenses. The Cost of Risk includes any paid claims (amounts paid in the fiscal year without regard to the year the claims arose), insurance premiums, and operational and administrative expenses. The Cost of Risk is outlined in the table below.

Cost of Risk Detail

	FY20	FY21	FY22	FY23	FY24	FY25
PREMIUMS & EXPENSES						
Professional Liability Insurance	$75,735.00	$96,000.00	$81,021.22	$75,847.00	$90,310.83	$73,925.75
General Liability Insurance	$326,681.69	$330,171.64	$386,461.71	$431,147.68	$503,108.60	$4,232.00
Employment Practices						$28,832.25
Property Insurance						$162,699.00
Auto Insurance						$153,907.00
Cyber Risk/Privacy						$37,164.00
Workers' Compensation	$279,895.00	$816,812.00	$410,863.00	$493,366.00	$485,653.00	$268,146.00
Subtotal	$682,311.69	$1,242,983.64	$878,345.93	$1,000,360.68	$1,079,072.43	$728,906.00
CLAIMS ADMINISTRATION						
Expenses–Outside Counsel	$56,073.00	$252,828.73	$120,870.58	$20,007.86	$111,377.00	$317,256.80
Deductible	$76,068.37	$22,665.50	$36,870.20	$56,472.37	$87,530.45	$25,000.00
Subtotal	$132,141.37	$275,494.23	$157,740.78	$76,480.23	$198,907.45	$342,256.80
Total	**$814,453.06**	**$1,518,477.87**	**$1,036,086.71**	**$1,076,840.91**	**$1,277,979.88**	**$1,071,162.80**
COST OF RISK						
Total Health District Operating Expenses	$90,655,702	$123,802,958	$147,986,384	$124,913,443	$73,422,792	$62,500,803
Cost of Risk (as % of Health District Operating Expenses)	.9%	1.2%	.7%	.8%	1.7%	1.7%

Cost of risk remains low for the Health District. Moving away from POOL/PACT to the private insurance market has saved the Health District more than $300,000 in the first year.

Incident Reports

An important element of the Risk Management program is the identification, reporting, and analysis of incidents that occur on Health District property. A reportable incident includes any occurrence that is inconsistent with routine Health District operations. Reporting and reviewing these events are a critical part of quality assurance, quality improvement, and risk mitigation. Health District leadership encourages staff to report any incident or opportunity for improvement.

Clinical occurrences, including medical responses to "Dr. Bluebird," are analyzed separately by Quality Management Committee/Medical Event Committee to identify the basic or causal factors underlying the incident and potential improvement in processes or systems to reduce the likelihood of future incidents.

Facility Incident Summary

In Fiscal Year 2025 (07/01/2024 - 06/30/2025), 114 incident reports were filed.

FY25 Incident Report Summary

1-Bluebird	2-Security	3-Injury	4-Theft	5-Property Damage	6-MVA	7-Misc
48	22	2	1	18	4	21

In Fiscal Year 2024 (07/01/2023 - 06/30/2024), 111 incident reports were filed.

FY24 Incident Report Summary

1-Bluebird	2-Security	3-Injury	4-Theft	5-Property Damage	6-MVA	7-Misc
47	22	3	6	16	3	14

In Fiscal Year 2023 (07/01/2022 - 06/30/2023), 94 incident reports were filed.

FY23 Incident Report Summary

1-Bluebird	2-Security	3-Injury	4-Theft	5-Property Damage	6-MVA	7-Misc
39	15	3	11	17	4	5

In Fiscal Year 2022 (07/01/2021 - 06/30/2022), 54 incident reports were filed.

FY22 Incident Report Summary

1-Bluebird	2-Security	3-Injury	4-Theft	5-Property Damage	6-MVA	7-Misc	Multiple Types
4	17	2	2	13	4	12	5

In Fiscal Year 2021 (07/01/2020 - 06/30/2021), 20 incident reports were filed. We attribute this low rate to the COVID-19 response and the limited services that were offered in our buildings.

FY21 Incident Report Summary

1-Bluebird	2-Security	3-Injury	4-Theft	5-Property Damage	6-MVA	7-Misc	Multiple Types
1	7	0	0	8	3	1	0

In Fiscal Year 2020 (070/1/2019 - 06/30/2020), 50 incident reports were filed.

FY20 Incident Report Summary

1-Bluebird	2-Security	3-Injury	4-Theft	5-Property Damage	6-MVA	7-Misc	Multiple Types
15	7	1	8	3	8	8	9

HIPAA RISK ASSESSMENT

A HIPAA Risk Assessment is a tool that is designed to help healthcare providers conduct security risk assessments as required by the HIPAA Security Rule. The assessment helps identify risks that could possibly lead to HIPAA violations and/or security breaches.

An annual risk assessment is for the entire organization, all SNHD programs complete the assessment regardless of if they are a part of the covered entity. The assessment looks at two common areas in which a covered entity could possibly violate a HIPAA Security Rule, including security breaches. The two common areas are 1.) Unauthorized access and 2.) Disclosure of Protected Health Information ("PHI") and Personal Identifiable Information ("PII"). Review of these areas allows each program to review their practices and procedures, if any inconsistencies are found, and enact corrective action.

While HIPAA risk assessments focus on maintaining confidentiality and privacy for our patients and clients, this annual opportunity can lead to discussions regarding employee safety, building safety, and related issues. These are referred to the appropriate staff to address.

Memorandum

Date: August 28, 2025

To: Southern Nevada District Board of Health

From: **Xavier Gonzales, PhD,** *Community Health Director*
Cassius Lockett, PhD, *District Health Officer*

Subject: Community Health Division Monthly Activity Report – July 2025

I. OFFICE OF CHRONIC DISEASE PREVENTION & HEALTH PROMOTION (OCDPHP)

A. Chronic Disease Prevention Program (CDPP)

The CDPP has been working with Together We Can, to support the **expansion of the Double Up Food Bucks (DUFB) program** in Southern Nevada. DUFB is a nutrition incentive program for people with SNAP benefits. CDPP partnered with the Obodo Collective to support the development of the **Obodo Green Grocer,** a small produce market which opened in February. In June, we were able to launch the DUFB program at the Obodo Green Grocer. Promotional materials were provided and a campaign to promote the program to the surrounding neighborhood is in development.

CDPP partnered with AAA Healthcare to offer a free **Diabetes Prevention Program** class to the community. The class was held at Nevada Partners and a graduation ceremony was held in June. Twenty people began the class and seven (7) completed the year-long course. 40% of the participants lost at least 5-7% of their weight, which is a goal of the class as it significantly reduces the risk of developing type 2 diabetes. Our staff offered **one (1) Diabetes Self-Management, Education & Support (DSMES) class** in June. The class was provided in English and was an in-person class held at SNHD. Sixteen people participated in this particular class.

The 2025 Move Your Way Summer Initiative participated in three (3) events in June. The initiative promotes physical activity over the hot summer months by providing **free access to local pools and supporting aquatic activities for youth**. A sister initiative in the Hispanic community provides **educational materials and resources at community events**. In total, nearly 100 people

participated in June events at the Rad Tad Pool Party, SCAN Central, and Pasaporte de la Nutricion. The initiative will run through early September.

B. **Tobacco Control Program (TCP) Update**

Culturally and linguistically competent educational and social branding materials aimed to prevent tobacco use initiation and promote quitting among priority populations were distributed to over **4,000** attendees at several community events in June including: Coffee and Conversations, Jazz in the Park concert, Juneteenth Celebration, and Black Music Appreciation Month Celebration.

This month, information was shared through a social media package tailored for the Nevada Interscholastic Activities Association. Additionally, key youth identified in local high schools throughout Southern Nevada continued to share vaping prevention messaging on their social media accounts.

Staff met with Vice President of Resident Services and Senior Vice President of Property Management at Nevada HAND (Nevada HAND is a nonprofit organization that develops, builds, and manages affordable housing communities with supportive services for low-income individuals and families in Southern Nevada) to discuss smoke-free housing efforts. As a result, a partnership was re-established to promote smoke-free living across their communities. **The partnership aims to empower residents with information and resources, reduce tobacco and vape use, support property managers in implementing smoke-free housing strategies, and improve overall community health outcomes.** Engagement opportunities will continue throughout the year as part of this ongoing collaboration.

In June, **twelve (12) local businesses** (mainly restaurants) **expanded their tobacco-free policy** to include no smoking near entrances and exits.

II. OFFICE OF EMERGENCY MEDICAL SERVICES & TRAUMA SYSTEM (OEMSTS)

The OEMSTS plays a vital role in maintaining a responsive, well-trained, and integrated EMS and trauma system that serves the diverse needs of Southern Nevada's population.

A. OEMSTS – July 2024 / 2025 Data

July EMS Statistics	July 2024	July 2025	
Total certificates issued	96	131	↑
New licenses issued	86	125	↑
Renewal licenses issued (recert only)	1	0	↓
Driver Only	48	60	↑
Active Certifications: EMT	926	1000	↑
Active Certifications: Advanced EMT	1950	1938	↓
Active Certifications: Paramedic	2109	2220	↑
Active Certifications: RN	64	89	↑

III. OFFICE OF PUBLIC HEALTH PREPAREDNESS (OPHP)

A. Planning and Preparedness

Ongoing/Continuing Activities

(Emergency Planning & Preparedness)

1. Continued review and revision of:
    a) Emergency Operation Plans (EOP)
    b) Threat Response Guides
    c) SNHD Basic EOP and Direction and Control Annexes
    d) BioWatch Plan
    e) CHEMPACK, Nuclear/Radiation, Administrative Preparedness, Mass Care Support, Highly Infectious Disease Plans
2. Ongoing internal and external training and exercises to test plans.
3. FIT testing for 44 SNHD employees for PPE in July.
4. Participation in NACCHO's Virtual Learning Collaborative for MCH Populations in Emergency Preparedness and Response, including attendance at NACCHO 360 TTX.
5. Participation in working groups from the State of Nevada DPBH Public Health Preparedness Strategic Plan (Resources & Supply Chain, Health Equity, etc.).

(Continuity of Operations Planning (COOP))

1. Continued updates to the Nevada Continuity Tool.
2. Formation of a working group to complete the COOP process.
3. Compilation of departmental COOPs into an agency-wide COOP, submitted to the program supervisor.
4. Ongoing meetings with COOP planning team to discuss future expectations.

(Community & Partner Engagement)

1. Ongoing collaboration with Clark County and Las Vegas Resiliency Center on the Impacted Persons Database.
2. Continued participation in the Local Emergency Planning Committee (LEPC) meetings.
3. Continued engagement with the Closed POD Working Group, including material review.
4. Renewal and restart of Closed POD MOU program.

New/Upcoming Activities

(Legislative & Strategic Initiatives)

1. Successful passage of AB50 through the Nevada Legislative session.
2. OPHP attendance planned for the governor's signing in August 2025.

(Recovery Planning)

1. Development of a Recovery Annex based on lessons learned from real-world events and exercises.

(Community Outreach & Education)

1. Presentation on Extreme Heat Preparedness to Catholic Charities of Southern Nevada.
2. Attendance at the Extreme Heat Transportation Access to Parks (TAP) Discussion hosted by RTC.

(Evaluation & Reporting)

1. Compilation of After-Action Report from Biological TTX held on 06/23/25.

B. Training, Exercises, and Public Health Workforce Development

Ongoing/Continuing Activities

1. Support for City of Las Vegas ICS 300/400 training schedule.
2. Participation in SNHD Website Committee.
3. Continued engagement with NACCHO 360 TTX.
4. Ongoing CPR training for SNHD staff/MRC volunteers.
5. Continued coordination with Strong Start Academy for EOP development.
6. Presentation at Resort Emergency Management Working Group.

New/Upcoming Activities

1. Attendance at AWR-140 Radiological/Nuclear WMD Operations Course.
2. Scheduled Response to Bombing Incidents training (Sept 29).
3. Scheduled AWR-140 course (Nov 4).
4. Development and meeting for Excessive Heat Seminar AAR.
5. Enrollment in COOP Course (Sept).
6. New Hire Orientation scheduled for Sept 17.

C. Southern Nevada Healthcare Preparedness Coalition (SNHPC)

Ongoing/Continuing Activities

1. Coordination for Hospital Area Command Full Scale Exercises (Oct).
2. Planning for SNHPC August workshop.
3. Attendance at UMC Emergency Preparedness Meetings.
4. Participation in NDPBH POETE Quarterly Meeting.
5. Continued updates to First Receiver Decontamination Training Program.
6. Management of TEEX PER-320 course (Sept 30).

New/Upcoming Activities

1. Participation in NDMS/FCC FSE Initial Planning Meeting.
2. Attendance at HERT Train the Trainer at CDP.
3. Planning for Pediatric Disaster Response and CBRNE courses (2026).
4. Cybersecurity education presentation confirmed for Oct SNHPC meeting.
5. Participation in Fuel Interruption TTX with Rebel Oil.

D. Fusion Center Public Health Analyst

Ongoing/Continuing Activities

1. Dissemination of public health info between SNHD and SNCTC.
2. Weekly verbal briefings and CTAG meetings.
3. Public health input for SEAR events.
4. Collaboration with surrounding fusion centers and monthly bulletins.
5. Monitoring and advising on potential medical events.

New/Upcoming Activities

1. Attendance at DHS training for Analysts.
2. Development of new communication connections between SNHD, SNCTC, and partners.

E. Grants and Administration

Ongoing/Continuing Activities

1. Completion of progress reports and year-end closeout.
2. Ongoing planning for FY2026 with State of Nevada DPBH.
3. Continued budget and scope modifications for cooperative agreements.
4. Representation on SNHD working group committees.
5. Updates to State on POETE working group.

New/Upcoming Activities

F. Medical Reserve Corps (MRC) of Southern Nevada

Ongoing/Continuing Activities

1. Attendance at national program meetings and SNHPC.
2. Ongoing recruitment, training planning, and volunteer management.
3. Health info and screenings at community events.
4. Support at Immunization Clinics during Back-to-School rush.

New/Upcoming Activities

1. Emergency deployment of nurse volunteers to Red Cross Shelter due to power outage.

MRC Volunteer Hours FY2026 Q1
(Economic impact rates updated April 2025):

Activity	July	August	September
Training			
Community Event	**9.5**		
SNHD Clinic	**25**		
Emergency Deployment	**20.75**		
Total Hours	**55.25**		
Economic impact	**$2,344.10**		

The savings value is based on the Bureau of Labor Statistics estimated per/hour value of $34.79/hour of service

IV. VITAL RECORDS

A. July is currently showing a **20% increase in birth certificate** sales in comparison to July 2024. **Death certificate** sales currently showing a **1% decrease** in comparison to July 2024. SNHD received revenues of $40,313 for birth registrations, $24,089 for death registrations; and an additional $9,106 in miscellaneous fees.

Vital Statistics Services	July 2024	July 2025	
Births Registered	1,853	2,086	↑
Deaths Registered	1,896	1,807	↓
Fetal Deaths Registered	17	15	↓

COMMUNITY HEALTH Vital Statistics Program Birth/Deaths Certificates – Fiscal Year Data

Vital Statistics Services	July 2024	July 2025				
Birth Certificates Sold (walk-in)	13	2	↓			
Birth Certificates Mail	130	146	↑			
Birth Certificates Online Orders	3,694	4,477	↑			
Birth Certificates Billed	140	160	↑			
Birth Certificates Number of Total Sales	3,977	4,785	↑			
Death Certificates Sold (walk-in)	7	12	↑			
Death Certificates Mail	188	151	↓			
Death Certificates Online Orders	8,189	8,103	↓			
Death Certificates Billed	55	58	↑			
Death Certificates Number of Total Sales	8,439	8,324	↓			

COMMUNITY HEALTH Vital Statistics Program Birth/Deaths Cert. Sales by Source – Fiscal Year Data

Vital Statistics Sales by Source	July 2024	July 2025				
Birth Certificates Sold Valley View (walk-in)	.3%					
Birth Certificates Mail	3.3%	3.1%	↓			
Birth Certificates Online Orders	92.9%	93.6%	↑			
Birth Certificates Billed	3.5%	3.3%	↓			
Death Certificates Sold Valley View (walk-in)	.1%	.1%				
Death Certificates Mail	2.2%	1.8%	↓			
Death Certificates Online Orders	97%	97.3%	↑			
Death Certificates Billed	.7%	.7%				

COMMUNITY HEALTH Vital Statistics Program Birth/Deaths Certificates Sales – Fiscal Year Data

Revenue	July 2024	July 2025				
Birth Certificates ($25)	$99,425	$119,625	↑			
Death Certificates ($25)	$210,975	$208,100	↓			
Births Registrations ($13)	$33,358	$40,313	↑			
Deaths Registrations ($13)	$24,713	$24,089	↓			
Convenience Fee ($2)	$7,770	$9,106	↑			
Miscellaneous Admin	$768	$672	↓			
Total Vital Records Revenue	$377,009	$401,905	↑			

COMMUNITY HEALTH Passport Program – Fiscal Year Data

B. PASSPORT SERVICES – Passport Services is appointment only.

Applications	July 2024	July 2025				
Passport Applications	694	922	↑			
Revenue	**July 2024**	**July 2025**				
Passport Execution/Acceptance fee ($35)	$24,290	$32,270	↑			

V. HEALTH EQUITY

Health Equity Program – July Highlights

The Health Equity Program continues to strengthen community partnerships and collaborations aimed at increasing the capacity of local communities to address health disparities.

Key Activities in July:

1. **Community Outreach at Health & Wellness Fairs**
   The Health Equity team participated in seven (7) Health & Wellness Fairs hosted by Nevada HAND. During these events, the team provided attendees with information about services and resources available through the Southern Nevada Health District (SNHD).
2. **Youth Advisory Board Council Launch**
   On July 30, the Health Equity team hosted an orientation meeting for the newly established pilot Youth Advisory Board Council. The council comprises ten (10) high school students from across the city, who will contribute their perspectives on public health issues while gaining knowledge and leadership skills in the field.
3. **Participation in Youth Development Outreach**
   On July 31, the team engaged in the City of Las Vegas Youth Development & Social Initiatives' "Batteries Included" and "Batteries Included NextGen" community outreach event, furthering youth engagement in public health.
4. **Community Convening on Dementia Risk Reduction**
   In collaboration with the Alzheimer's Association, the Health Equity Program hosted its first Community Convening Meeting on July 31. The meeting focused on reducing dementia risk and promoting healthy brain habits. It was attended by twenty-five (25) participants representing eight (8) community organizations.

VI. SOUTHERN NEVADA PUBLIC HEALTH LABORATORY (SNPHL)

A. Clinical Testing: Key Updates

1. SNHD Nursing Division Support

SNPHL provides laboratory services to the SNHD Nursing Division, including:

a) Molecular and microbiological culture testing
b) Sexually Transmitted Disease (STD) diagnostics

2. STD Surveillance and Testing

SNPHL collaborates with the SNHD STD Department in the following activities:

a) Participation in the CDC's Gonococcal Isolate Surveillance Project (GISP) and the enhanced GISP (eGISP)
b) Performing NAAT and culture testing for *Neisseria gonorrhoeae* isolates, which are submitted to reference laboratories for antimicrobial susceptibility testing
c) Participation in eGISP Part B to expand culture-independent testing for antimicrobial resistance genes in gonococcal isolates
d) A detailed breakdown of monthly sample volumes provided in the accompanying table:

Test Name	Monthly Count	Avg Year to Date
GC Cultures	21	35
NAAT NG/CT	1,766	1,561
Syphilis	722	803
RPR/RPR Titers	125/34	129/44
Hepatitis Total	3,225	3,165
HIV/differentiated	634/18	713/20
HIV RNA	136	120

3. COVID-19 Testing Operations

a) SARS-CoV-2 PCR testing is performed exclusively on the KingFisher Flex platform

b) SNPHL maintains a testing capacity of 2,000 tests per day, with a turnaround time (TAT) of less than 48 hours. In June, the average daily testing volume was 12 samples, with an average TAT of 45 hours from collection to report release

c) IT enhancements include streamlined patient accession and direct report verification from SNPHL's Laboratory Information Management System (LIMS) into the SNHD patient portal

d) High-throughput automation has been incorporated, including the Eppendorf 5073 specimen fluid handling station

e) Due to unresolved scripting issues with the Tecan instrument, SNPHL has requested SNHD Contracts and Purchasing to explore the feasibility of returning the instrument to the manufacturer

f) A detailed summary of COVID-19 testing volumes and performance metrics provided in the accompanying table:

Month	# PCR & NAAT/#POS	Month	# PCR & NAAT/#POS
January	471/74	July	280/58
February	656/55	August	-------
March	630/22	September	-------
April	195/22	October	-------
May	141/9	November	-------
June	190/43	December	-------

4. Reportable Disease Testing

a) SNPHL continues routine testing of reportable disease specimens submitted by community stakeholders

b) Results are reported weekly to the Office of Epidemiology and Disease Surveillance (OEDS) to support investigations

c) Coordination with CDC PulseNet is initiated when required

d) A monthly summary of reportable disease testing provided in the accompanying table:

		Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	Oct	Nov	Dec	Total
Campylobacter	Campy ID	9	4	3	2	2	5	6						31
	Campy Screen	12	8	4	3	6	10	8						51
Neisseria species	Gonorrhoeae Culture	33	32	47	48	30	33	21						244
	Gram Stain/WBC	0	5	0	0	0	5	0						10
	Neisseria ID	2	0	0	0	0	0	0						2
	Haemophilus ID	0	0	0	0	1	0	0						1

Unknown ID	Bacterial ID	0	0	0	0	2	0	0						16
	WGS (PulseNet)	14	12	20	8	26	25	33						144
Salmonella	Salmonella Screen	3	6	14	13	11	10	18						75
	Salmonella Serotype	3	7	13	13	9	8	17						70
Shigella	Shigella Screen	2	5	3	6	4	0	4						24
	Shigella Serotype	2	4	3	0	1	1	3						14
STEC	STEC Screen	0	3	3	1	5	4	3						19
	STEC Serotype	0	0	1	0	1	1	2						5
Unknown	Stool Culture	1	5	1	4	5	5	1						22
Vibrio	Vibrio ID	0	0	0	1	0	3	0						4
	Vibrio Screen	1	0	0	3	0	5	1						10
Yersinia	Yersinia Culture/ID	1	0	0	2	2	1	0						6

B. **Epidemiological Testing and Consultation: Key Updates:**

1. **Outbreak Investigation Committee Participation**
   SNPHL actively participates in the SNHD Outbreak Investigation Committee and the Foodborne Illness Taskforce. No gastrointestinal (GI) outbreak samples were received for investigation in July.
2. **Influenza Surveillance Reporting**
   SNPHL continues to report influenza testing results to the CDC's National Respiratory and Enteric Virus Surveillance System (NREVSS). In June, no respiratory panel tests were performed using the BioFire platform.

C. **Emergency response and reportable disease isolate testing report: Key Activities and Capabilities:**

1. **Reportable Disease Isolate Testing and Confirmation**
   SNPHL conducts testing and confirmation of reportable disease isolates submitted by local laboratories. These isolates are serotyped and/or confirmed via Whole Genome

Sequencing (WGS), stored on-site, and reported through national surveillance systems including:

a) Public Health Laboratory Information System (PHLIS)
b) National Antimicrobial Resistance Monitoring System (NARMS)
c) Influenza Surveillance
d) PulseNet Bacterial Outbreak Surveillance

2. **Whole Genome Sequencing (WGS) Validation**
SNPHL is clinically validated to use WGS for the identification of select *Campylobacter* species, pathogenic *Escherichia coli*, and *Salmonella* species. The lab is also validated for determining *Salmonella* serotypes, STEC (Shiga toxin-producing *E. coli*) serotypes, and Shiga toxin genes.

3. **PulseNet Surveillance**
In July 2025, SNPHL performed 33 WGS tests as part of the PulseNet Foodborne Outbreak Surveillance program.

4. **Bacterial Isolate Screening**
Using the Bruker MALDI-TOF instrument, SNPHL identified 145 bacterial organisms in July, streamlining the screening process for bacterial isolates.

5. **SARS-CoV-2 Sequencing**
SNPHL is validated for sequencing SARS-CoV-2 and variants of concern, including lineage and clade identification.

a) Current capacity: up to 96 SARS-CoV-2-positive RNA extracts per week
b) July 2025: 29 SARS-CoV-2-positive RNA extracts sequenced
c) Capacity expansion is anticipated with additional staffing, instrumentation, and method development.

6. **Legionella Surveillance**
SNPHL collaborates with Environmental Health and Veritas Labs for Legionella surveillance. Monthly isolate counts for 2025 are as follows:

2025	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Legionella	3	22	0	26	62	45	33					

7. **Vector-Borne Disease Testing**
SNPHL provides viral testing for Zika, West Nile Virus (WNV), Western Equine Encephalitis, and Saint Louis Encephalitis.

a) July 2025: 321 mosquito pool samples tested
b) One (1) WNV-positive mosquito pool identified
c) Results were communicated to Environmental Health and subsequently released to the public.

8. **Gonococcal Isolation Surveillance Program (GISP/eGISP)**
In July, SNPHL collected 23 clinical isolates:

a) *Neisseria gonorrhoeae*: 6 isolates
b) *Neisseria meningitidis*: 4 isolates
These will be sent to regional labs or the CDC for antimicrobial susceptibility testing (AST). Remnant NAATs or *N. gonorrhoeae* samples will be submitted to the CDC for molecular-based AST under eGISP Part B.

9. **C. auris PCR Screening**
SNPHL performed 1,250 Real-Time PCR screenings for *Candida auris* in July 2025.

D. **All-Hazards Preparedness: Key Activities:**

1. **COVID-19 Emergency Response Testing Support**
SNPHL supports testing efforts for the Southern Nevada Health District (SNHD) COVID-19 Emergency Incident Response, including outreach to local communities, CCDC jail-detention centers, institutions of higher education, and long-term care facilities. Rapid Antigen Point-of-Care (POC) testing platforms used include CDC-EUA approved systems: Abbott IDNow, Qiagen Sofia, and BD Veritor. Outbreak confirmation is supported through RT-PCR testing conducted by SNPHL.

2. **Biosafety Training for Non-Traditional Testing Sites**
SNPHL provides COVID-19 biosafety training and guidelines to non-traditional testing sites to ensure safe and effective testing practices.

3. **Coordination with First Responder Training**
SNPHL collaborates on training and exercises with first responder agencies including the Civil Support Team, HazMat units, the Federal Bureau of Investigation (FBI), and the Las Vegas Metropolitan Police Department.

4. **Laboratory Packaging and Shipping Guidance**
SNPHL offers guidance to local laboratorians on CDC protocols for packaging and shipping infectious substances, including chain of custody procedures.

5. **Onsite Training for Long-Term Care Facilities**
SNPHL provided onsite training for long-term care facilities on the use of COVID-19 online ordering applications.

6. **Monkeypox Biosafety Guidance**
Biosafety guidance was supplied to sentinel sites in response to Monkeypox surveillance and containment efforts.

7. **Vaccination Support for Laboratory Staff**
SNPHL facilitated Monkeypox and bivalent COVID-19 booster vaccinations for laboratory personnel.

8. **Ongoing Biosafety Training for SNPHL Staff**
The laboratory continues to provide perpetual biosafety training and updated guidance to SNPHL personnel.

9. **Facility Equipment Upgrade**
SNPHL received a double-door autoclave. Installation is pending completion of drywall extension and power connection by a local contractor.

E. **July 2025 SNPHL Activity Highlights: Key Updates:**

1. **COVID-19 Testing Supplies and Reagent Forecast**
   SNPHL has maintained a consistent supply of Viral Transport Medium (VTM) for COVID-19 collection kits, even following the cessation of ELC COVID funding. However, reagents for PCR and Whole Genome Sequencing (WGS) are projected to be depleted by August 2025.
2. **Proficiency Testing Performance**
   SNPHL achieved 100% proficiency across a wide range of tests, including:

   a) CAP SP-A Norovirus
   b) COV2-B SARS-CoV-2
   c) *Mycoplasma genitalium*
   d) HCV and HIV-B viral loads
   e) Clinical Chemistry
   f) *Bordetella* (BioFire)
   g) Shiga toxin and Enteric Pathogens
   h) Gram stain
   i) GC culture
   j) *Trichomonas vaginalis*
   k) BioFire respiratory virus panel

3. **Facility Infrastructure and Equipment Calibration**
   Phoenix Controls completed system integration adjustments for new sensors and dampers installed by SunBelt and ATC, including recalibration of the biosafety cabinet (BSC) and chemical hood on the second floor.
4. **BSL-3 Autoclave Installation**
   The installation of a new double-door autoclave in the BSL-3 laboratory has been finalized. The second inspection was successfully completed and passed state requirements on Friday, July 25.
5. **Genomic Surveillance – SARS-CoV-2**
   WGS and genomic data analysis indicate that the Omicron variant XFG lineage was the dominant strain among samples received in July. SNPHL will continue sequencing close-contact samples to support ongoing investigations by the Office of Disease Surveillance (ODS).
6. **Influenza Surveillance**
   Early data from the new influenza season show that A/H3, A/H1, and B/Victoria are the predominant subtypes.
7. **Avian Influenza Surveillance**
   SNPHL participates in the CDC's Avian Influenza Surveillance Project by distributing testing guidance and specimen collection procedures to local hospitals via the Health Alert Network (HAN). ICU patients testing positive for Influenza A are required to submit specimens for subtyping to rule out avian influenza. No suspect avian flu samples were received in July.

8. **Facility Expansion Planning**
   Phase I of the new facility design may focus on constructing BSL-3 and microbiology laboratories on the second floor, with a semi-shell layout planned for the first floor.
9. **Expanded Clinical Testing Services**
   New test offerings in clinical chemistry, hematology, and urinalysis will officially launch on Tuesday, August 5, serving the Federally Qualified Health Centers (FQHC) and the Diabetes Prevention Program (DPP) division.

F. **COMMUNITY HEALTH – SNPHL – Calendar Year Data**

July SNPHL Services	2024	2025	
Clinical Testing Services [1]	5,636	6,832	↑
Epidemiology Services [2]	592	300	↓
State Branch Public Health Laboratory Services[3]	0	0	↓
All-Hazards Preparedness Services [4]	6	5	↓
Environmental Health Services [5]	602	354	↓

[1] Includes N. Gonorrhoeae culture, GISP isolates, Syphilis, HIV, CT/GC molecular, Gram stain testing, and COVD Ab immunologic tests.

[2] Includes Stool culture, EIA, Norovirus PCR, Respiratory Pathogen PCR, Epidemiological investigations, or consultations.

[3] Includes COVD PCR, WGS, and LRN testing, proficiency samples, reporting to CDC, courier services, infectious substance shipments, teleconferences, training, presentations and inspections, samples submitted to CDC or other laboratories' submissions.

[4] Includes Preparedness training, teleconferences, and Inspections.

[5] Includes vector testing.

MEMORANDUM

Date: **August 19, 2025**

To: Southern Nevada Community Health Center Governing Board

From: Randy Smith, Chief Executive Officer, FQHC

Cassius Lockett, PhD, District Health Officer

Subject: Community Health Center FQHC Chief Executive Officer Report – July 2025

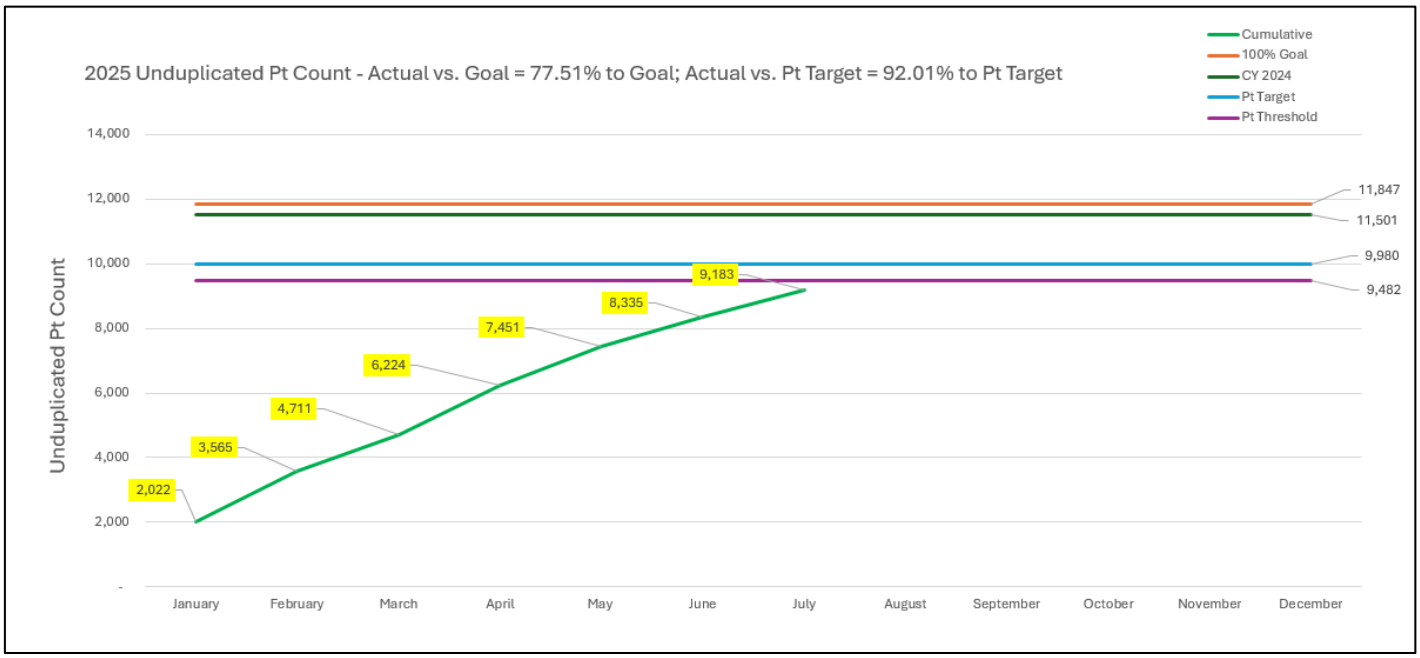
Division Information/Highlights: The Southern Nevada Community Health Center, a division of the Southern Nevada Health District, mission is to serve residents of Clark County from underserved communities with appropriate and comprehensive outpatient health and wellness services, emphasizing prevention and education in a culturally respectful environment regardless of the patient's ability to pay.

July Highlights - Administrative

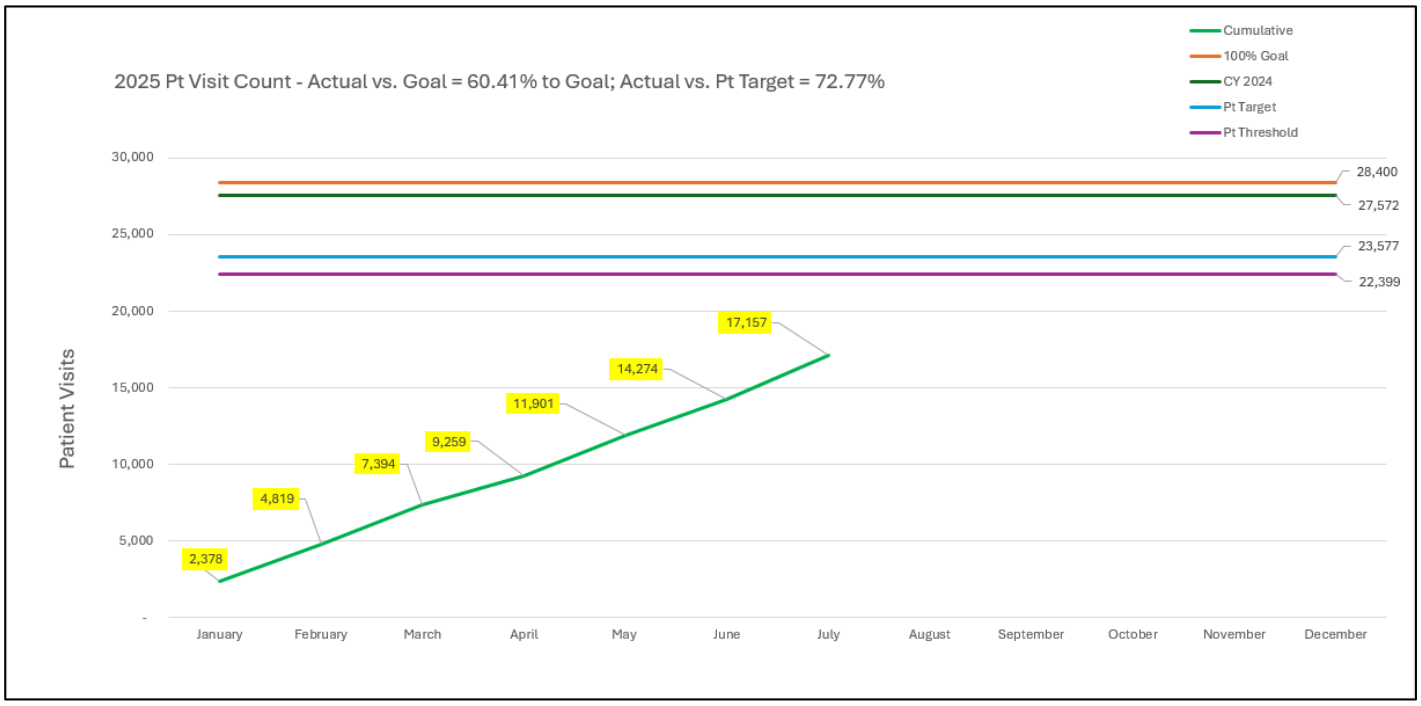
- FTCA redeeming application approved for coverage in CY26.
- Planning work underway in response to the new interpretation of the Personal Responsibility and Work Opportunity Reconciliation Act.
- Notification of Title X grant funding, approximately $630k for the remainder of the program year (10/1/25 – 3/31/26) pending.
- The Title X – Family Planning virtual site visit is scheduled for September 2nd through 4th.
- Employee and patient appreciation activities took place over the week of August 4th at both health center locations to celebrate National Health Center Week.
- Application submitted to join the new Medicaid management care organization, CareSource.
- Work is underway to prepare for an application for Patient Centered Medical Home accreditation.
- In-service and networking activities conducted with Nevada Hand and UMC.
- Recruitment for a clinical pharmacist for the Decatur health center underway.
- Recruitment for a clinical staff physician for the Fremont health center underway.
- A community health nurse providing case management services in the Ryan White program recognized as an employee of the month for August.

Access

Unduplicated Patients – July 2025



Patient Visits Count – July 2025



Provider Visits by Program and Site – July 2025

Facility	Program	JULY '25	JULY '24	JULY YoY %	FY26 YTD	FY25 YTD	FY YTD YoY%
Decatur	Family Health	934	613	34%	934	613	34%
Fremont	Family Health	415	266	36%	415	266	36%
Total	**Family Health**	**1,349**	**879**	**35%**	**1,349**	**879**	**35%**
Decatur	Family Planning	64	126	-97%	64	126	-97%
Fremont	Family Planning	197	112	43%	197	112	43%
Total	**Family Planning**	**261**	**238**	**9%**	**261**	**238**	**9%**
Decatur	Sexual Health	637	579	9%	637	579	9%
Fremont	Sexual Health	135	109	19%	135	109	
ASEC	Sexual Health		68		0	68	
Total	**Sexual Health**	**772**	**756**	**2%**	**772**	**756**	**2%**
Decatur	Behavioral Health	213	124	42%	213	124	42%
Fremont	Behavioral Health	142	130	8%	142	130	
Total	**Behavioral Health**	**355**	**254**	**28%**	**355**	**254**	**28%**
Decatur	Ryan White	299	285	5%	299	285	5%
Fremont	Ryan White	14	16	-14%	14	16	
Total	**Ryan White**	**313**	**301**	**4%**	**313**	**301**	**4%**
FQHC Total		**3,050**	**2,428**	**20%**	**3,050**	**2,428**	**20%**

Pharmacy Services

	25-Jul	24-Jul		FY26 YTD	FY25 YTD		% Change YOY
Client Encounters (Pharmacy)	1,760	1,413	↑	1,760	1,413	↑	**24.6%**
Prescriptions Filled	3,208	2,317	↑	3,208	2,317	↑	**38.5%**
Client Clinic Encounters (Pharmacist)	61	43	↑	61	43	↑	**41.9%**
Financial Assistance Provided	14	30	↓	14	30	↓	**-53.3%**
Insurance Assistance Provided	16	14	↑	16	14	↑	**14.3%**

A. Dispensed 3,208 prescriptions for 1,760 patients.
B. The pharmacist completed 61 patient clinical encounters.
C. 14 patients assisted to obtain medication financial assistance.
D. Assisted 16 patients with insurance approvals.

Medicaid Managed Care Organization (MCO)

Medicaid MCO	Current # Of Medicaid Pts Empaneled
Anthem	205
HPN	1,651
Molina	217
SilverSummit	86
Total	2,159

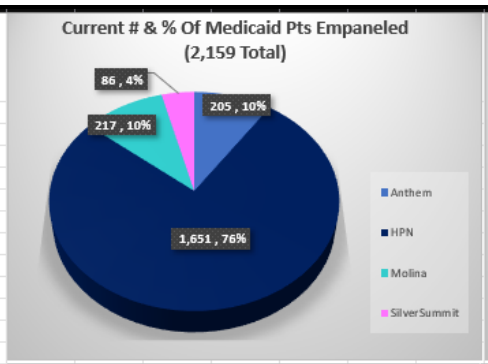
2025 # of MCD Undup Pt Goal	2969
YTD # of MCD Undup Pts Seen	2172
% of Unduplicated Pts to Goal	73.16%
# of Medicaid Pts Assigned to SNCHC	2,159
# of Empaneled Pts Not Yet Seen	?

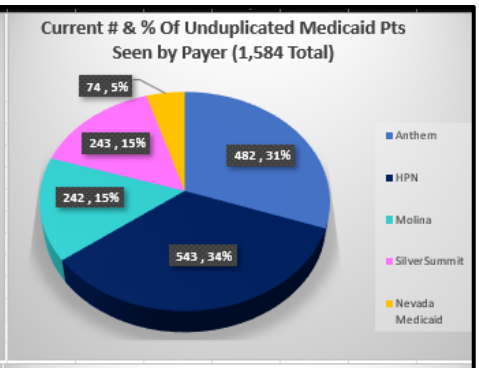
2025 # of MCD Visits Goal	4104
YTD # of MCD Visits Completed	2823
% of Medicaid Pts Visits to Goal	68.79%
Average # of Medicaid visits per undup pt	1.30

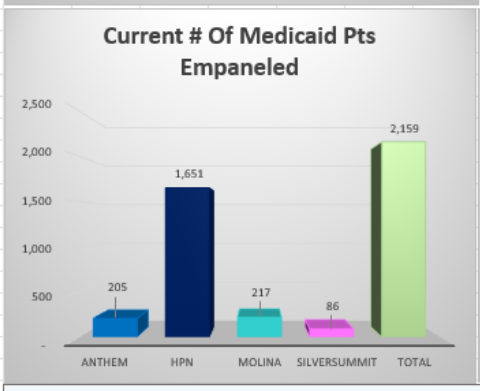
2025 # of Unduplicated MCD Pts Seen	
Anthem	482
HPN	543
Molina	242
SilverSummit	243
Nevada Medicaid	74
Total	1,584

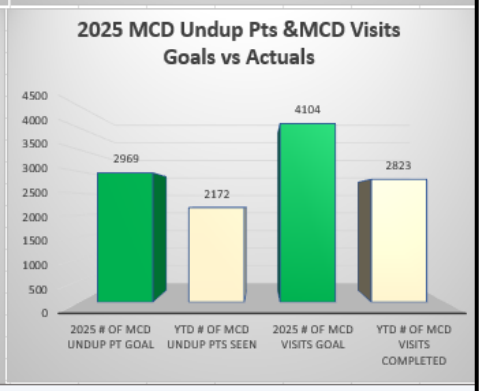
2025 # of Empaneled MCD Pts Seen	
Anthem	?
HPN	?
Molina	?
SilverSummit	?
Nevada Medicaid	?
Total	-

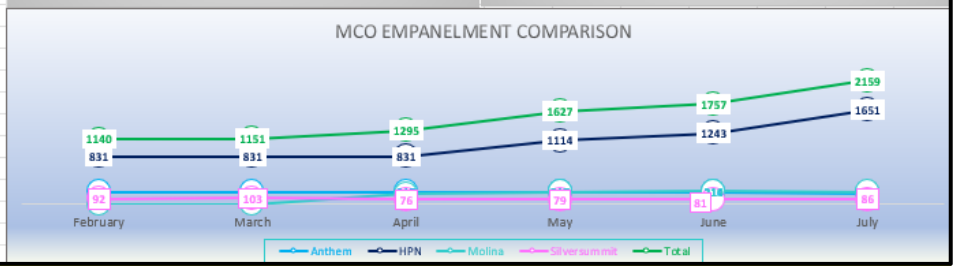
Calendar Year 2024	
# of Unduplicated Pts Seen	2827
# of Medicaid Pts Assigned to SNCHC	920
# of Empaneled Pts Not Yet Seen	474
2024 Goal of Medicaid Visits	2831
YTD # of Medicaid Visits	3908
% of Medicaid Pts Seen to Goal	138.04%
Average # of Medicaid visits per undup pt	1.38











Behavioral Health Services

A. Health Plan of Nevada recently assigned 300 patients to SNCHC. These patients have been identified as needing both primary care and behavioral health services. The Behavioral Health (BH) team has been contacting these patients to welcome them and to offer both primary care and behavioral health services.

B. The Behavioral Health Manager attended a Prevention, Advocacy, Choices, Teamwork (PACT) Coalition monthly meeting and presented on integrated care efforts within SNCHC.

C. Behavioral Health and Medical Director are working closely to identify areas to strengthen BH workflows at the Decatur and Fremont sites.

Family Planning Services

A. Family Planning program access was up 9% in July and is up 9% year-over-year. Program team administrators and clinical staff are working on a quality improvement project to increase access to care with the aim of simplifying the scheduling process and reducing waste in the appointment schedules. New metrics are being tracked focused on the percentage of appointments scheduled per provider per

day as well tracking the third next available appointment by new and established appointments. The data will be used to make additional fine tuning to the appointment schedules.

B. The program is scheduled for a comprehensive virtual site visit September 2nd through 4th of this year.

C. The health center is still awaiting notification of funding for the remaining six months of the approved budget period (i.e., October 1, 2025 – March 31, 2026).

HIV / Ryan White Care Program Services

A. The Ryan White program received 70 referrals between July 1st and July 31st. There were four (4) pediatric clients referred to the Medical Case Management in July and the program received two (2) referrals for pregnant women living with HIV during this time.

B. There were 580 service encounters provided by the Ryan White Linkage Coordinator, Eligibility Worker, Care Coordinators, Nurse Case Managers, Community Health Workers, and Health Educator. There were 321 unique clients served under these programs in July.

C. The Ryan White ambulatory clinic provided a total of 594 visits in the month of July, including 27 initial provider visits, 253 established provider visits including six (6) tele-visits to established patients. Additionally, there were 29 nursing visits and 285 lab visits provided. There were 64 Ryan White services provided under Behavioral Health by licensed mental health practitioners and the Psychiatric APRN during the month of July. There were 14 Ryan White clients seen by the Registered Dietitian under Medical Nutrition services in July.

D. The Ryan White clinic provides Rapid StART services, with a goal of rapid treatment initiation for newly diagnosed patients with HIV. The program continues to receive referrals and accommodate clients on a walk-in basis. There were eleven (11) patients seen under the Rapid StART Program in July.

FQHC-Sexual Health Clinic (SHC)

A. The Sexual Health Clinic (SHC) clinic provided 1,162 unique services to 779 unduplicated patients for the month of July. There are currently more than 70 patients receiving injectable treatment for HIV prevention (PrEP).

B. The SHC continues to collaborate with UMC on referrals for evaluation and treatment of neurosyphilis. The SHC is collaborating with the PPC - Sexual Health and Outreach Prevention Programs (SHOPP) on the Gilead FOCUS grant to expand express testing services for asymptomatic patients and provide linkage to care for patients needing STI, Hepatitis C or HIV treatment services. The SHC continues to refer pregnant patients with syphilis and patients needing complex STI evaluation and treatment to PPC SHOPP for nurse case management services. The SHC Community Health Nurse team began providing services following the new “Nurse Visit for Follow up (HIV) PrEP Therapy” standard operating procedure.

C. One (1) SHC provider is continuing to train in the provision of Family Planning Services.

Refugee Health Program (RHP)

Services provided in the Refugee Health Program for the month of July 2025.

Client required medical follow- up for Communicable Diseases	-
Refugee Health Screening for Ova and Parasites (positive tests)	1
Referrals for TB issues	0
Referrals for Chronic Hep B	0
Referrals for STD	0
Pediatric Refugee Exams	0
Clients encounter by program (adults)	6
Refugee Health Screening for July 2025	0
Total for FY24-25	659

Outreach/In Reach Activity

Month of July 2025

Number of events	3 - outreach 8 - in reach
Number of people reached	278
Number of people linked to the clinic	35
Number of hours dedicated to outreach	42

Eligibility and Insurance Enrollment Assistance

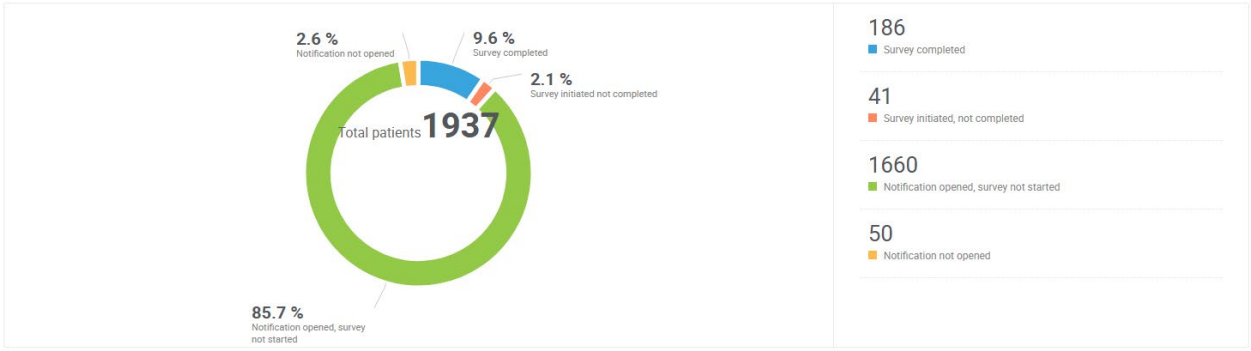
Patients in need of assistance continue to be identified and referred to community partners for help with determining eligibility for insurance and assistance with completing applications. Partner agencies are collocated at both health center sites to facilitate warm handoffs for patients in need of support.

Patient Satisfaction: See attached survey results.

SNCHC continues to receive generally favorable responses from survey participants when asked about ease of scheduling an appointment, waiting time to see their provider, care received from providers and staff, understanding of health care instructions following their visit, hours of operation, and recommendation of the Health Center to friends and family.

Southern Nevada Community Health Center
Patient Satisfaction Survey – July 2025

Overview

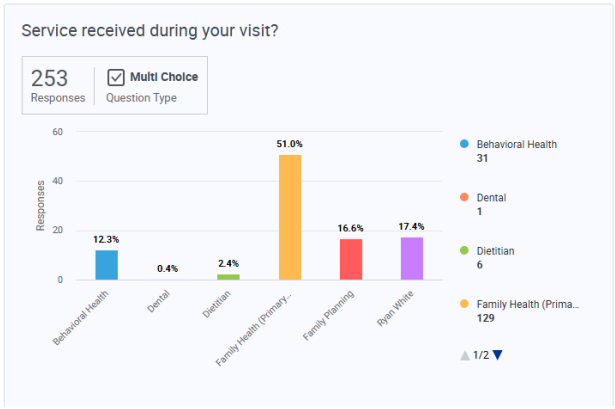


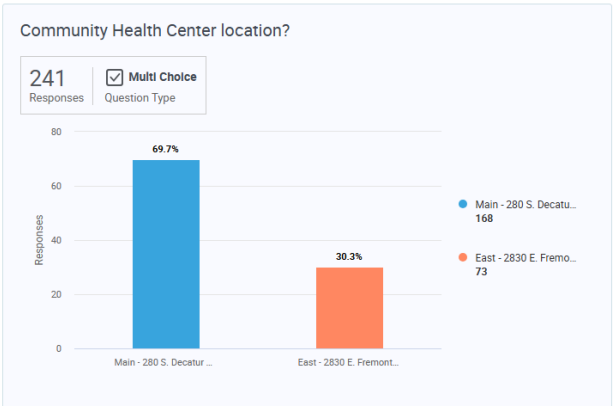
Gender





Service and Location

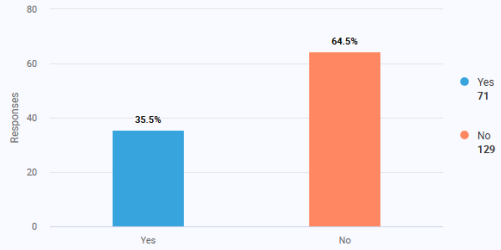




Provider, Staff, and Facility

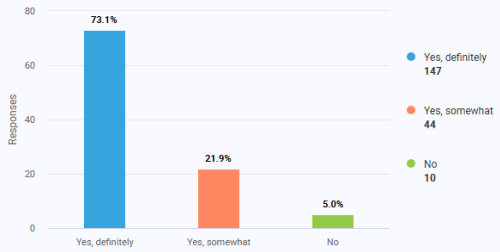
Was your most recent visit for an illness, injury or condition that needed care right away?

200 Responses | Multi Choice Question Type



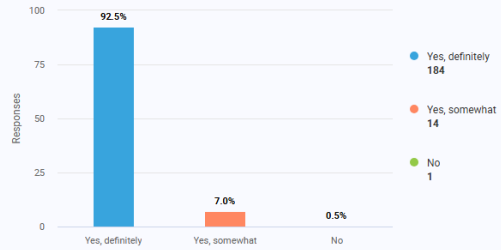
Was the recent visit as soon as you needed?

201 Responses | Multi Choice Question Type



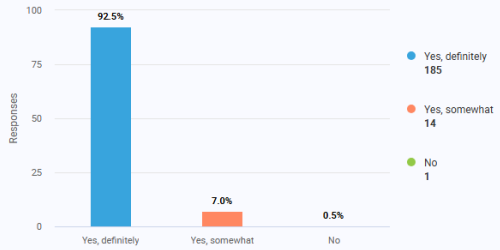
During your most recent visit, did this provider explain things in a way that was easy to understand?

199 Responses | Multi Choice Question Type



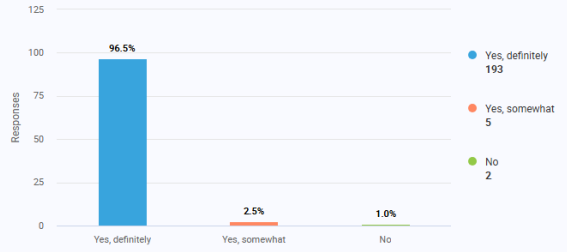
During your most recent visit, did this provider listen carefully to you?

200 Responses | Multi Choice Question Type



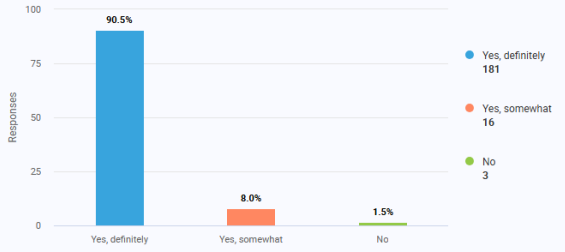
During your most recent visit, did this provider show respect for what you had to say?

200 Responses | Multi Choice Question Type



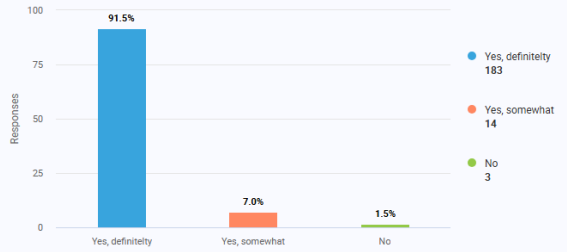
During your most recent visit, did this provider spend enough time with you?

200 Responses | Multi Choice Question Type



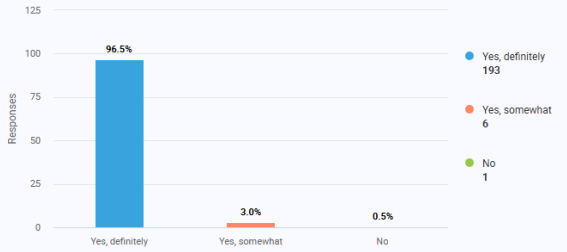
Thinking about your most recent visit, were the staff as helpful as you thought they should be?

200 Responses | Multi Choice Question Type



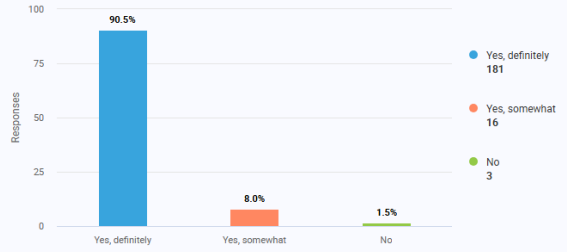
Thinking about your most recent visit, did the staff treat you with courtesy and respect?

200 Responses | Multi Choice Question Type



Thinking about your recent visit, was it easy to schedule an appointment?

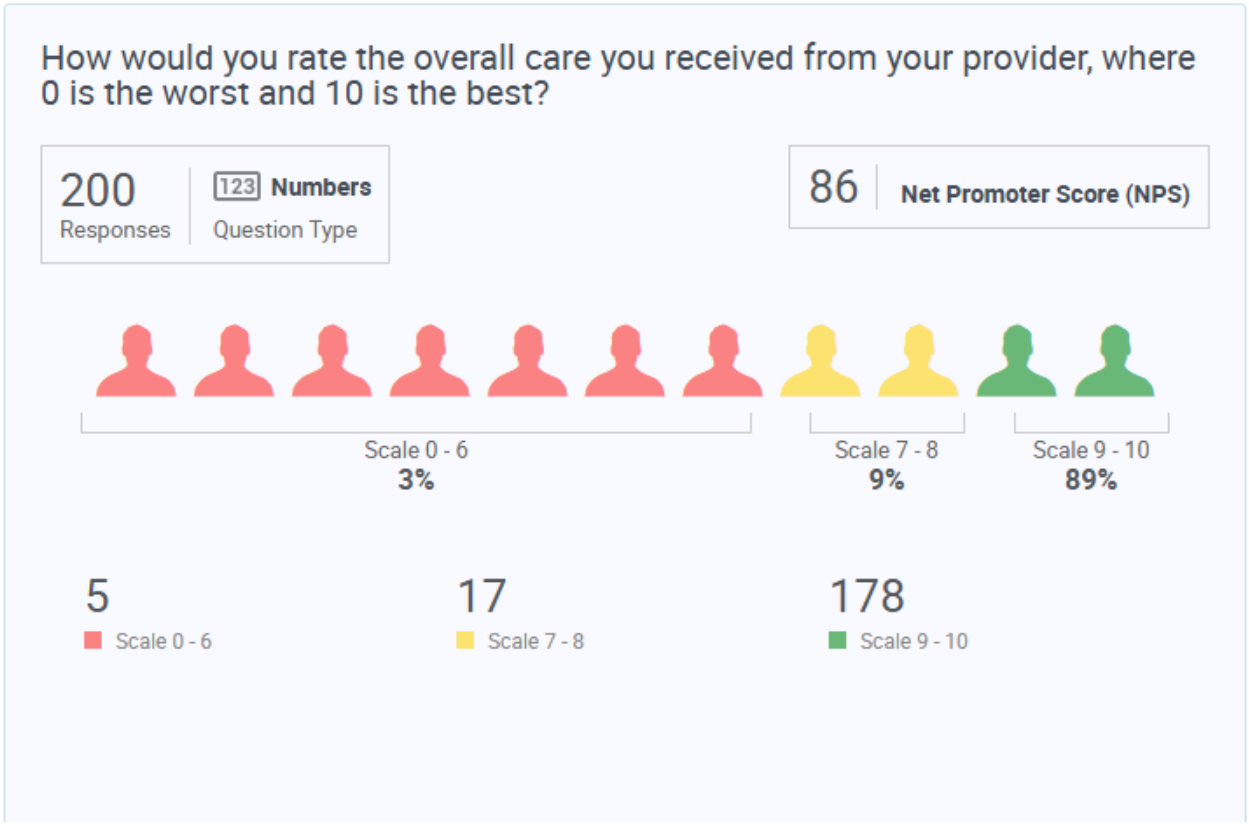
200 Responses | Multi Choice Question Type



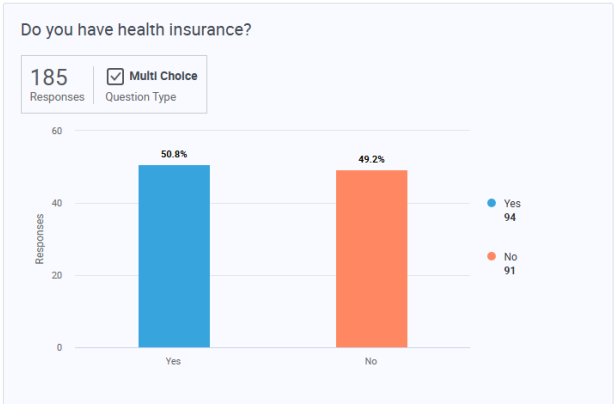
Thinking about the facility, how was the overall cleanliness and appearance?

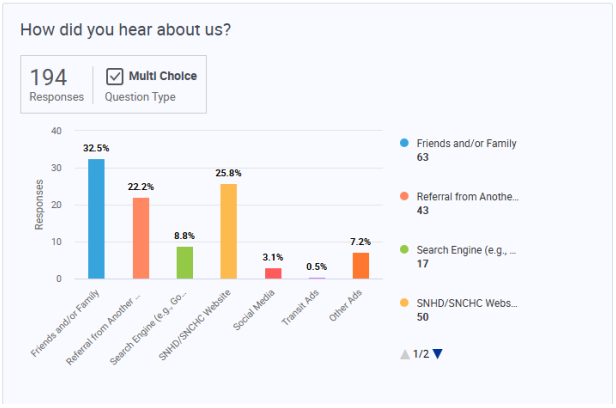
202 Responses | Multi Choice Question Type





General Information





Memorandum

Date: August 7, 2025

To: Southern Nevada District Board of Health

From: **Anilkumar Mangla, MS, PhD, MPH, FRIPH,** *Director of Disease Surveillance & Control*
Cassius Lockett, PhD, *District Health Officer*

Subject: Disease Surveillance & Control Division Monthly Activity Report – July 2025

A. Division of Disease Surveillance and Control

1. Number of Confirmed and Probable Cases of Selective Illnesses Reported

*This section has been modified to reflect calendar year reporting instead of fiscal year reporting, effective February 2023. This change is in line with MMWR reporting.

	July 2024	July 2025		YTD 24	YTD 25	
Sexually Transmitted						
Chlamydia	964	998	↑	7111	6839	↓
Gonorrhea	415	420	↑	3007	2876	↓
Primary Syphilis	13	4	↓	94	57	↓
Secondary Syphilis	24	9	↓	151	62	↓
Early Non-Primary, Non-Secondary[1]	29	14	↓	355	203	↓
Syphilis Unknown Duration or Late[2]	133	57	↓	888	764	↓
Congenital Syphilis (presumptive)	7	4	↓	25	23	↓
Moms and Babies Surveillance[3]						
Pregnant Persons Living with HIV[4]	2	4	↑	35	32	↓
Pregnant Syphilis Cases	8	26	↑	77	122	↑
Perinatally Exposed to HIV	1	2	↑	24	25	↑

1 Early Non-Primary, Non-Secondary= CDC changed the case definition from Early Latent Syphilis to Early Non-Primary, Non-Secondary

2 Syphilis Unknown Duration or Late=CDC changed the case definition from Late Latent Syphilis to Syphilis Unknown Duration or Late

3 Counts under this section represent investigations conducted by ODS concerning pregnant persons with HIV or syphilis and do not reflect actual counts of cases diagnosed in the specified period. These investigations are aimed at monitoring and preventing adverse health outcomes, such as perinatal HIV transmission and congenital syphilis.

4 The count reflects ODS efforts around pregnant persons with HIV and is not a reflection of the total number of pregnant persons with HIV in our community. Persons living with HIV who become pregnant is not a reportable condition in Clark County.

Vaccine Preventable						
Haemophilus influenzae, invasive disease	4	0	↓	30	22	↓
Hepatitis A	2	0	↓	6	1	↓

	July 2024	July 2025		YTD 24	YTD 25	
Hepatitis B, acute	4	0	↓	26	18	↓
Influenza	16	15	↓	705	1144	↑
Pertussis	2	7	↑	39	40	↑
RSV	8	12	↑	1935	2216	↑
Enteric Illness						
Amebiasis	0	0	→	5	6	↑
Campylobacteriosis	17	19	↑	141	140	↓
Cryptosporidiosis	3	0	↓	20	16	↓
Giardiasis	7	2	↓	40	29	↓
Rotavirus	6	7	↑	105	188	↑
Salmonellosis	22	4	↓	96	95	↓
Shiga toxin-producing Escherichia coli (STEC)	12	3	↓	52	49	↓
Shigellosis	10	7	↓	85	43	↓
Vibriosis (non-cholera Vibrio species infections)	1	1	→	10	7	↓
Yersiniosis	3	5	↑	25	36	↑
Other						
Carbapenem-resistant Enterobacterales (CRE)	68	51	↓	412	341	↓
Candida auris	158	134	↓	1114	786	↓
Coccidioidomycosis	26	6	↓	149	142	↓
Hepatitis C, acute	0	1	↑	8	7	↓
Invasive Pneumococcal Disease	11	11	→	159	140	↓
Lead Poisoning	8	5	↓	103	86	↓
Legionellosis	6	0	↓	19	25	↑
Lyme Disease	2	0	↓	6	2	↓
Malaria	3	0	↓	4	2	↓
Meningitis, aseptic	4	2	↓	18	13	↓
Meningitis, Bacterial Other	0	0	→	3	5	↑
Streptococcal Toxic Shock Syndrome (STSS)	3	0	↓	25	18	↓
New Active TB Cases Counted (<15 yo)	1	0	↓	3	0	↓
New Active TB Cases Counted (>= 15 yo)	7	3	↓	40	40	→

2. Number of Cases Investigated by ODS

Monthly DIIS Investigations CT/GC/Syphilis/HIV/TB	Contacts	Clusters[1]	Reactors/ Symptomatic/ Xray[2]	OOJ/ FUP[3]
Chlamydia	28	0	28	1
Gonorrhea	10	0	21	0
Syphilis	20	2	178	1

HIV/AIDS (New to Care/Returning to Care)	19	1	109	0
Tuberculosis	19	0	4	0
TOTAL	96	3	340	2

[1] Clusters= Investigations initiated on named clusters (clusters= named contacts who are not sex or needle sharing partners to the index patient)
[2] Reactors/Symptomatic= Investigations initiated from positive labs or reported symptoms
[3] OOJ= Investigations initiated Out of Jurisdiction reactors/partners/clusters
Fup= Investigations initiated to follow up on previous reactors, partners, or clusters

4. Disease and Outbreak Investigations

a. **Mpox:** As of July 29, 2025, Clark County had 322 cases of Mpox.
b. **Unusual illness:** Disease Surveillance and Control (DSC) received two separate reports of acute illnesses associated with the RAADfest (Revolution Against Aging and Death Festival) annual conference) held at Red Rock Resort and Casino on July 10-July 13, 2025. Two attendees were taken to the hospital after receiving injections including peptides. Initially it was reported that there were other attendees taken to the hospital. After extensive investigation, there were no findings to suggest a cluster of unusual reactions related to peptide injections besides the two cases reported.
c. **Legionella associated with three hotels**:
    a. DSC is investigating 2 travel associated cases of Legionnaires' disease in individuals who stayed at the Southpoint Hotel in August 2024 and February 2025. DSC is working closely with EH to conduct environmental sampling and remediation efforts. The property is cooperating with EH and DSC staff in the investigation. The investigation is closed.
    b. DSC is separately investigating 3 travel associated cases of Legionnaires' disease in individuals who stayed at the Grandview in February and April 2025. DSC is working closely with EH to conduct environmental sampling and remediation efforts. The property is cooperating with EH and DSC staff in the investigation. . The investigation is closed.
    c. DSC is separately investigating 4 travel associated cases of Legionnaires' disease in individuals who stayed at Harrah's Laughlin Beach Resort and Casino in May 2025. DSC is working closely with EH to conduct environmental sampling and remediation efforts. The property is cooperating with EH and DSC staff in the investigation. Case finding is being conducted. The investigation is ongoing.

5. Non-communicable Reports and Updates

a. **Naloxone Training:** SNHD is training and distributing naloxone (Narcan®) to first responders and members of key community sectors throughout Nevada to better respond to the large-scale burden of opioid overdoses. Funding from SAMHSA's First Responders-Comprehensive Addiction and Recovery Act (FR-CARA), SAMHSA's State Opioid Response (SOR) via sub-awards from the University of Nevada Reno's Center for the Application of Substance Abuse Technologies, BJA's Comprehensive Opioid, Stimulant, and Substance Use Program (COSSUP), and the CDC's Overdose Data to Action (OD2A) program has been instrumental. ODS has implemented a policy for SNHD staff to carry and administer Naloxone. ODS has also been given permission at the Clark County Detention Center to place Naloxone in a person's property at the facility.

The following Naloxone distributions took place in the month of July:

Naloxone Distribution	Agency	# of Naloxone doses distributed
7/1/2025	Naphcare	120
7/3/2025	Army National Guard	-138 (returned)
7/3/2025	SNHD L2A	138

7/3/2025	SNHD Pharmacy	206
7/3/2025	Naphcare	480
7/7/2025	NDOC - Florence McClure Women's Correctional Facility	192
7/7/2025	Protective Force International	48
7/7/2025	CSN Sahara West Campus	144
7/9/2025	UMC	192
7/9/2025	Henderson Equality Center	96
7/9/2025	Allure Homeowners Association	24
7/9/2025	Fremont St Experience	48
7/9/2025	Vegas Party Favors	240
7/10/2025	SNHD - Primary and Preventative Care	120
7/16/2025	PACT Coalition	720
7/16/2025	Street Dogz	48
7/16/2025	Fifth Sun Project	120
7/16/2025	SNHD - ACDC	216
7/16/2025	UNLV Health Mojave Counseling	24
7/16/2025	SNHD - L2A	360
7/17/2025	Las Vegas Convention and Visitors Authority K9 Unit	24
7/17/2025	Henderson Comprehensive Treatment Center	288
7/17/2025	UNLV Fraternity & Sorority Life	72
Total		3782

b. Overdose Data to Action (ODTA): The ODS ODTA Health Education team monitors the Fentanyl (FTS) and Xylazine (XTS) Test Strip Program.

The following participating agencies and internal SNHD programs received FTS and XTS during the month of July:

DATE	AGENCY	FTS	XTS	QTY
7/2/2025	Foundation for Recovery	1200	0	1200
7/3/2025	SNHD Pharmacy	300	300	600
7/9/2025	The Center	700	700	1400
7/9/2025	Vegas Party Favors	300	300	600
7/9/2025	SNHD L2A Team	100	100	200
7/9/2025	UNLV Student Wellness Center	200	300	500
7/9/2025	Happy Camper Overdose Response	200	300	500
7/9/2025	Comprehensive Treatment Center	300	300	600
7/10/2025	The Promise	100	200	300
7/15/2025	SNHD L2A Team	200	200	400
7/16/2025	SNHD L2A Team	100	100	200
7/16/2025	PACT	1000	1000	2000
7/17/2025	SNHD L2A Team	100	100	200
7/24/2025	The Center	300	300	600
7/24/2025	The Promise	300	300	600
7/30/2025	There Is No Hero In Heroin	300	300	600
7/30/2025	Save Our Sinners	300	300	600
7/30/2025	HIV Consortium	500	0	500
TOTALS:		6,500	5,100	11,600

6. **Prevention - Community Outreach/Provider Outreach/Education**
   a. Ongoing promotion continues of the Collect2Protect (C2P) program, an online service for those requesting testing for gonorrhea, chlamydia, and at-home HIV test kits. The C2P program allows users to order an at-home HIV test kit conveniently and privately, at no cost and get their results at home. Test kits for chlamydia and gonorrhea are also available for a fee. Express Testing will also be available at SNHD's main public health center, 280 S. Decatur Blvd., Las Vegas, for those who are asymptomatic and would like to get tested and know their HIV status. ODS continues to work with OOC to help promote C2P on SNHD web sites, social media and with the help of community partners. The Center, Sagebrush Health, and AHF continue to offer ongoing HIV/STD, PrEP/PEP, and rapid stART services to the community. Free HIV testing is also available from 8 a.m. – 4:30 p.m. at the Southern Nevada Health District, 280 S. Decatur Blvd., Las Vegas, NV 89107 through the Express Testing/Annex A clinic.
   b. ODS continues to collaborate with community partners to participate at various outreach events. Activities were suspended for HIV/STI related testing outreaches due to MTU repairs and grant funding expirations. We plan to resume scheduling these activities as soon as possible. Our continued collaboration and presence at events in the community is key to gaining community trust and to help destigmatize HIV/STI testing which is vital to ending the HIV epidemic.
   c. Distribution is ongoing - TB Surveillance developed a laminated flyer titled "Is it TB?" The content includes messaging that encourages providers to "think TB" when talking to their patients about their risks and symptoms. Additionally, there is reporting information and a QR code that links to the provider education training: https://lp.constantcontactpages.com/su/p26ucWo/TBRRegistration

B. High Impact HIV/STD/Hepatitis Screening Sites

1. Testing is currently offered at Trac-B for HIV and Hep C. Also, The Center is offering screenings for HIV, Hep C, Gonorrhea, Chlamydia and Syphilis to the community Monday-Thursday from 1pm-5pm and every Saturday from 9am-2pm. AHF is also offering HIV and STD screenings at their Wellness Clinic locations on Monday, Wednesday, and Friday, and on their MTU.

Office of Disease Surveillance- HIV Prevention Screening/Testing Efforts						
Prevention - SNHD HIV Testing	**July-24**	**July-25**		**YTD 24**	**YTD 25**	
Outreach/Targeted Testing	1189	420	↓	6525	6180	↓
Clinic Screening (SHC/FPC/TB)	952	632	↓	7086	5482	↓
Outreach Screening (Jails)	245	27	↓	1721	1191	↓
Collect2 Protect	9	6	↓	68	48	↓
TOTAL	2395	1085	↓	15400	12901	↓
Outreach/Targeted Testing POSITIVE	8	1	↓	35	27	↓
Clinic Screening (SHC/FPC/TB) POSITIVE	0	0	→	9	6	↓
Outreach Screening (Jails, SAPTA) POSITIVE	0	0	→	3	5	↑
Collect2 Protect POSITIVE	0	0	→	0	0	→
TOTAL POSITIVES	8	1	↓	47	38	↓

Targeted outreaches in unhoused communities are ongoing. These efforts are included in the total high impact HIV/STD/Hepatitis screening sites above.

C. Staff Facilitated/Attended the following Trainings/Presentations

1. 07/03/2025: Epidemiology Overview Presentation to Valley Health Hospital residents given by Office of Epidemiology staff.
2. 07/03/2025: Facilitated a presentation to Valley Health Hospital Residents; 13 people in attendance; 1 ODS Health Educator in attendance.
3. 07/03/2025: Facilitated Overdose Response Training - UNLV Mojave Counseling Center; 16 people in attendance; 1 SNHD staff in attendance.
4. 07/07-07/11/2025: Overdose Data to Action Grant Recipient meeting in Atlanta, GA; 4 ODS staff and 1 community partner attended.
5. 07/09/2025: Facilitated PrEP Education at Nader and Associates; 4 in attendance; 1 ODS staff in attendance.
6. 07/10/2025: Facilitated Infant Sleep Workgroup Meeting; 11 people in attendance; 2 ODS staff in attendance.
7. 07/17/2025: Presented "Missing Part of the Equation: Paternal Role in Congenital Syphilis in Clark County, Nevada 2022-2023" for CSRB; 23 people in attendance; 6 SNHD staff in attendance.
8. 07/18/2025: Presented Overdose Response Training to UNLV Nursing Students; 10 people in attendance; 1 ODS staff in attendance.
9. 07/18/2025: Presented on CredibleMind at the Teach for America New Corp Members Training; 70 people in attendance; 1 SNHD ODS staff in attendance.
10. 07/18/2025: Presented on CredibleMind at Empowered at Roseman; 6 people in attendance; 1 SNHD ODS staff in attendance.
11. 07/22/2025: Facilitated Drug-related Stigma Training; 12 people in attendance; 4 SNHD staff in attendance.
12. 07/23/2025: Represented SNHD at the Clark County Children's Mental Health Consortium (CCCMHC) Public Awareness Workgroup meeting as an SNHD representative; 13 people in attendance; 2 SNHD ODS staff in attendance.
13. 07/23/2025: Facilitated Perinatal HIV Prevention Education at Southern Hills Hospital, Labor and Delivery, Post Partum, NICU, and ED, Morning Shift and Evening Shift; 18 people in attendance; 4 SNHD staff in attendance.
14. 07/23/2025: Facilitated 2025-2030 Community Health Improvement Plan Kick-Off Meeting; 35 people in attendance; 3 ODS Health Educators in attendance.
15. 07/24/2025: SUDORS Overview presented at the 2025 International Association of Coroner/Medical Examiners (IACME) annual training conference by Office of Epidemiology staff.
16. 07/29/2025: Facilitated PrEP Education at WHASN Skye Canyon; 6 people in attendance; 1 ODS staff in attendance.
17. 07/31/2025: Facilitated Youth Mental Health First Aid training; 14 people in attendance; 2 SNHD ODS staff in attendance.
18. 07/31/2025: Facilitated Overdose Response Training - Coral Academy of Science; 10 people in attendance; 1 SNHD staff in attendance.

D. Office of Epidemiology

1. Epidemiology Reports

a. Data quality reports to support the Office of Disease Surveillance’s activities and STD/HIV grant deliverables
b. Monthly - Drug Overdose Report – External
c. Monthly and quarterly disease statistics
d. Weekly Mpox case and vaccination report
e. Ongoing monthly and quarterly reports for FOCUS HIV grant project
f. Monthly NVDRS, SUDORS and NCLPP reports
g. Outreach site HIV testing stats-weekly

h. EPT report- weekly
i. Weekly Arbovirus update
j. Monthly Heat Related Death and ED Visits report
k. Weekly Wastewater Surveillance Report now available on SNHD website.

2. Other Project Updates

a. Continue working on the Healthy Southern Nevada, Chronic Disease Dashboard
b. CSTE EHI Access Workgroup Meeting
c. 2025 SNHD Health Equity Report in progress

Disease Statistics

1. Communicable Disease Statistics: June 2025 and Quarter 2 2025 disease statistics are below. Please note that these data are retrieved as of August 1, 2025. (see Table 1 and Table 2)

Table 1 Monthly Communicable Disease Statistics (June 2025)

June 2025: Clark County Disease Statistics*

Data as of 08/01/2025

	2023		2024		2025	
Disease	**June**	**YTD**	**June**	**YTD**	**June**	**YTD**
VACCINE PREVENTABLE						
COVID-19	1,237	17,291	1,777	8,230	517	3,907
Haemophilus influenzae, invasive	1	19	2	26	4	22
Hepatitis A	1	3	1	4	1	1
Hepatitis B, acute	3	14	4	22	3	18
Hepatitis B, chronic	131	628	93	605	86	607
Influenza	34	166	61	687	19	1,127
Meningococcal disease (*N. meningitidis*)	0	0	0	2	1	1
MPOX	0	2	0	6	0	0
Mumps	0	0	0	3	0	0
Pertussis	0	12	4	37	7	33
RSV	18	664	15	1,927	7	2,206
SEXUALLY TRANSMITTED						
Chlamydia	1,021	6,247	945	6,147	948	5,840
Gonorrhea	486	2,819	406	2,592	459	2,459
HIV	46	250	51	305	18	215
Stage 3 HIV (AIDS)	14	76	18	90	6	80
Syphilis (Early non-primary, non-secondary)	48	304	38	326	36	189
Syphilis (Primary & Secondary)	48	296	30	208	20	106
CONGENITAL CONDITIONS						
Hepatitis C, Perinatal Infection	0	1	0	2	0	0
Congenital Syphilis	1	31	2	18	3	19
ENTERICS						
Amebiasis	0	1	1	5	0	6
Campylobacteriosis	16	97	23	124	28	121
Cryptosporidiosis	1	5	1	17	1	16
Giardiasis	3	34	7	33	2	27
Rotavirus	24	68	19	99	25	181
Salmonellosis	25	98	15	74	20	91
Shiga toxin-producing *E. coli* (STEC)	9	24	1	40	8	44
Shigellosis	6	38	11	75	4	36
Vibriosis (Non-cholera *Vibrio* species infection)	1	2	3	9	1	6
Yersiniosis	2	8	7	22	5	31
OTHER						
Coccidioidomycosis	19	137	20	123	12	135
Exposure, Chemical or Biological	0	1	1	2	0	2
Hepatitis C, acute	0	1	3	8	0	6
Hepatitis C, chronic	145	1,540	128	812	170	1,009
Invasive Pneumococcal Disease	7	125	7	148	7	128
Lead Poisoning	10	86	11	95	9	81
Legionellosis	2	18	3	13	2	24
Listeriosis	0	0	2	4	0	0
Lyme Disease	0	0	1	4	1	2

Malaria	1	7	0	1	1	2
Meningitis, Aseptic	0	9	3	14	2	11
Meningitis, Bacterial Other	1	2	2	3	0	4
Meningitis, Fungal	0	0	0	3	0	0
Rabies, exposure to a rabies susceptible animal	34	179	22	157	69	277
Streptococcal Toxic Shock Syndrome (STSS)	3	17	6	22	1	18
Tuberculosis (Active)	4	40	5	34	4	37
West Nile virus neuroinvasive disease	0	0	11	11	0	0

*The total number of cases presented in this report is subject to change due to possible delays in reporting and processing. Cases are counted based on CDC case definitions.

~Diseases not reported in the past two years or during the current reporting period are not included in this report.

~~Monthly rates & monthly rate comparisons were removed from the Clark County Disease Statistics monthly report after July 2018 due to new data suppression rules adopted by the Office of Epidemiology & Disease Surveillance. Please see the Clark County Disease Statistics quarterly report for quarterly rates & quarterly rate comparisons.

Table 2 Quarterly Communicable Disease Statistics (Quarter 2 2025)

Quarter 2, 2025: Clark County Disease Statistics*

Data as of 08/01/2025

	2023		2024		2025		Rate (Cases per 100,000 per quarter)		Quarter Rate Comparison
Disease	**Qtr 2**	**YTD**	**Qtr 2**	**YTD**	**Qtr 2**	**YTD**	**Qtr 2 (2020-2024 aggregated)**	**Qtr 2 (2025)**	**Change b/t current & past 5-year?**
VACCINE PREVENTABLE									
COVID-19	5,429	17,291	3,204	8,230	1,768	3,907	380.32	24.28	↓X
Haemophilus influenzae, invasive	7	19	11	26	12	22	0.08	0.16	↑
Hepatitis A	3	3	2	4	1	1	.	.	-
Hepatitis B, acute	10	14	14	22	8	18	0.13	.	-
Hepatitis B, chronic	398	628	274	605	281	607	3.88	3.86	↓
Influenza	74	166	184	687	131	1,127	2.07	1.80	↓
Influenza-associated pediatric mortality	0	0	1	2	0	2	.	.	-
Meningococcal disease (*N.meningitidis*)	0	0	1	2	1	1	.		-
MPOX	0	2	5	6	0	0	.	.	-
Mumps	0	0	1	3	0	0	.	.	-
Pertussis	6	12	14	37	20	33	0.17	0.27	↑
RSV	82	664	120	1,927	125	2,206	1.89	1.72	↓
SEXUALLY TRANSMITTED									
Chlamydia	2,987	6,247	2,955	6,147	2,986	5,840	54.38	41.00	↓X
Gonorrhea	1,379	2,819	1,164	2,592	1,316	2,459	24.83	18.07	↓X
HIV	121	248	149	303	96	215	1.95	1.32	↓X
Stage 3 HIV (AIDS)	34	73	42	82	37	80	0.69	0.51	↓
Syphilis (Early non-primary, non-secondary)	145	304	165	326	96	189	2.50	1.32	↓X
Syphilis (Primary, Secondary)	141	296	97	208	48	106	2.72	0.66	↓X
CONGENITAL CONDITIONS									
Hepatitis C, Perinatal Infection	1	1	1	2	0	0	.	.	-
Congenital Syphilis	9	31	10	18	0	0	.	.	-
ENTERICS									
Amebiasis	0	1	4	5	2	6	.	.	-
Campylobacteriosis	52	97	71	124	66	121	0.83	0.91	↑
Cryptosporidiosis	3	5	8	17	14	16	0.07	0.19	↑
Giardiasis	15	34	19	33	13	27	0.19	0.18	↓
Rotavirus	60	68	70	99	126	181	0.76	1.73	↑X
Salmonellosis	56	98	44	74	48	91	0.73	0.66	↓
Shiga toxin-producing *E. coli* (STEC)	16	24	20	40	33	44	0.27	0.45	↑
Shigellosis	22	38	37	75	16	36	0.42	0.22	↓X
Vibriosis (Non-cholera *Vibrio* species infection)	1	2	6	9	2	6	.	.	-
Yersiniosis	6	8	10	22	19	31	0.08	0.26	↑X
OTHER									
Coccidioidomycosis	60	137	58	123	53	135	0.86	0.73	↓
Encephalitis	0	0	1	1	0	0	.	.	-
Exposure, Chemical or Biological	0	1	1	2	1	2	.	.	-
Hepatitis C, acute	0	1	7	8	3	6	.	.	-
Hepatitis C, chronic	930	1,540	423	812	546	1,009	13.09	7.50	↓X
Invasive Pneumococcal Disease	41	125	51	148	37	128	0.66	0.51	↓

Lead Poisoning	44	86	52	95	29	81	0.58	0.40	↓
Legionellosis	9	18	10	13	15	24	0.14	0.21	↑
Listeriosis	0	0	3	4	0	0	.	.	-
Lyme Disease	0	0	2	4	1	2	.	.	-
Malaria	5	7	1	1	1	2	.	.	-
Meningitis, Aseptic	6	9	7	14	7	11	0.15	.	-
Meningitis, Bacterial Other	1	2	2	3	0	4	.	.	-
Meningitis, Fungal	0	0	1	3	0	0	.	.	-
Streptococcal Toxic Shock Syndrome (STSS)	7	17	10	22	7	18	0.13	.	-
Tuberculosis, Active	26	40	14	34	22	37	0.31	0.30	↓
West Nile Virus neuroinvasive disease	0	0	11	11	0	0	.	.	-

*Use of illness onset date in data aggregation for cases other than STD or TB (since Jan-2013) causes changes in cases reported here from previously released reports. Numbers are provisional including confirmed, probable, and suspect cases that are reportable to CDC. HIV/AIDS/TB case counts are provided on a quarterly basis. Rate suppression denoted by '.' for rates corresponding to case counts < 12.

~Diseases not reported in the past five years (aggregate data) and not reported during the current reporting period are not included in this report.

~~Confidence intervals (not shown) for the quarterly disease incidence rates provided a basis for an informal statistical test to determine if the current quarterly rates changed significantly from those of the previous 5-year aggregated rates. Green text represents rates that decreased significantly, whereas red text represents rates that increased significantly. Statistically significant changes are indicated by 'X.'

Memorandum

Date: August 28, 2025

To: Southern Nevada District Board of Health

From: **Christopher D. Saxton, MPH-EH, REHS,** *Director of Environmental Health*
Cassius Lockett, PhD, *District Health Officer*

Subject: Environmental Health Division Monthly Report

I. FOOD OPERATIONS PROGRAM

ENVIRONMENTAL HEALTH Food Operations Program – Fiscal Year Data

Food Operation Services	Jul. 2024	Jul. 2025		FY 24-25	FY 25-26	
Routine Inspections	2,445	2,524	↑	2,445	2,524	↑
Reinspections	213	218	↑	213	218	↑
Downgrades	199	212	↑	199	212	↑
Closures	17	14	↓	17	14	↓
Special Events	44	56	↑	44	56	↑
Temporary Food Establishments & Tasting Event Booths	164	325	↑	164	325	↑
TOTALS	**3,082**	**3,349**	↑	**3,082**	**3,349**	↑

↑ *(Up Arrow) - Indicates an increase compared to the previous period.*
↓ *(Down Arrow) - Indicates a decrease compared to the previous period.*
→ *(Right Arrow) - Indicates no significant change compared to the previous period.*

1. **Enforcement Actions and Investigations:**
   - **A. Premium Meat Market, 4725 Spring Mountain Rd.:** On July 1, the facility was closed for an imminent health hazard (IHH), pest infestation. The inspector documented three demerits. The facility remains closed at this time.
   - **B. Z-Mart 4 – Deli, 1220 Atlantic St.:** On July 9, during an unannounced routine inspection, the facility was closed for an IHH, no hot water. The inspector documented 17 demerits. The facility remains closed at this time.

C. **7-Eleven #26873 – Snack Bar, 3520 E. Owens Ave.:** On July 9, the facility was closed for an IHH, gross unsanitary occurrences or conditions including pest infestation. The inspector documented 19 demerits. The facility was reinspected and reopened with zero demerits on July 11.
D. **Pupuseria La Salvadorena, 4911 Vegas Dr.:** On July 9, the unit was closed for an IHH, lack of adequate refrigeration. The inspector documented 36 demerits. The unit was reinspected and reopened with zero demerits on July 18.
E. **BBQ Garden, 6820 Spring Mountain Rd.:** On July 9, the facility received a C downgrade, and the inspector documented 36 demerits. On July 30, the facility was closed after failing a reinspection. The inspector documented 20 demerits. The facility remains closed at this time.
F. **Dickey's Barbecue Pit NV2060 at Main St. Kitchens, 809 N. Main St.:** On July 15, the facility was closed for an IHH, no potable water or hot water and for unpermitted change of permit (CPH) holder. The inspector documented 11 demerits. The facility remains closed at this time.
G. **Seafood City Grill City and Crispy Town Kitchen, 3890 S. Maryland Pkwy.:** On July 17, the facility was closed for an IHH, no potable water or hot water. The inspector documented 16 demerits. The facility was reinspected and reopened with zero demerits on July 18.
H. **Seafood City Grill City, 3890 S. Maryland Pkwy.:** On July 17, the facility was closed for IHH, no potable water or hot water. The inspector documented 18 demerits. The facility was reopened with zero demerits on July 18.
I. **Kagari Ramen, Restaurant, 9560 W. Skye Canyon Park Dr.:** On July 24, the facility was closed for an IHH, gross unsanitary occurrences or conditions, including pest infestation. The inspector documented 37 demerits. The facility was reinspected and reopened with zero demerits on July 29.
J. **Santiago's Taco Shop, 777 E. Twain Ave.:** On July 25, the unit was closed for multiple IHHs, other conditions or circumstances that may endanger public health, including facility operating outside of the bounds of the approved operational permit, portable unit observed open for operations at unapproved location or address, and was operating under a Cease-and-Desist Order. The June 12 inspection report detailed conditions of the Cease-and-Desist Order. The unit had been warned previously about operating outside of its permitted location. The inspector documented 24 demerits. The unit remains closed at this time.
K. **El Burrito Restaurant, 8508 Del Webb Blvd.:** On July 29, the facility was closed for an IHH, lack of adequate refrigeration. The inspector documented 27 demerits. The facility was reinspected and reopened with zero demerits on July 30.
L. **Paris Hotel and Casino Banquet Setup Pantry 3, 3655 S. Las Vegas Blvd.:** On July 29, the area was closed for an IHH, sewage overflowing into the food preparation area. The inspectors documented five demerits. The area was reinspected and reopened with zero demerits on July 30.
M. **Meat Salon, 9950 S. Eastern Ave.:** During a complaint investigation on July 21, the facility was closed for an IHH, operating without hot water. The facility was reinspected and reopened with zero demerits on July 22.
N. **Crab Corner, 6485 S. Rainbow Blvd.:** On July 29, the facility was closed for an IHH, no hot water. The inspector documented 30 demerits. The facility was reinspected and reopened with zero demerits on July 30.
O. Staff closed 40 unpermitted food vending complaint investigations.

2. **Food Safety Assessment Meetings (FSAMs):**
   FSAMs were held with the following facilities: Pupuseria La Salvadorena, 4911 Vegas Dr.; Taqueria 425, 809 N. Main St.; and Detroit Corned Beef, 2121 E. Sahara Ave.
3. **Supervisory/Managerial Conferences:**
   A. Conferences were held with the following facilities: Chowrastha Indian Eatery, 3999 S. Las Vegas Blvd. and The Parlour Coffee and Cooking, 616 E. Carson Ave.

ENVIRONMENTAL HEALTH Outbreak Response – Fiscal Year Data

Outbreak Response	Jul. 2024	Jul. 2025		FY 24-25	FY 25-26	
Legionella Travel Associated Investigations	5	1	↓	5	1	↓
Legionella Residential Investigations	2	2	→	2	2	→
Foodborne Illness Investigations	5	10	↑	5	10	↑
Childhood Elevated Blood Lead Levels	2	4	↑	2	4	↑

4. **Legionella Response:**
   A. Residential Legionella investigations began in January 2020 as part of a Centers for Disease Control and Prevention (CDC) grant-funded project. A residential investigation is prompted by a resident becoming ill and the investigation is conducted in their home.
   B. Travel-associated investigations are prompted by a visitor who became ill after staying at a permitted public accommodation. An investigation is conducted at the hotel(s) they stayed at while in town.
5. **Foodborne Illness Response:**
   A. Slim Chickens, 2645 St. Rose Pkwy.: On July 8, staff responded to multiple reports of illness. Staff observed multiple risk factors that could lead to foodborne illness including improper handwashing practices, improper temperature monitoring of foods, and improper disinfection of food contact surfaces. The investigation resulted in a B downgrade. The facility was reinspected and passed with an A grade.
   B. McDonald's, 3452 St. Rose Pkwy.: On July 11, staff responded to a confirmed case of Shiga toxin-producing E. coli. Staff observed risk factors that could lead to illness including improper disinfection of food contact surfaces between raw and ready-to-eat foods. The inspection resulted in an A grade.
   C. Circus Buffet, 2880 S Las Vegas Blvd.: On July 12, staff responded to multiple reports of illness. Staff observed risk factors that could lead to illness including improper cooling of food and inadequate hot water available to perform handwashing. The inspection resulted in an A grade.
   D. Chili's, 6505 N. Decatur Blvd.: On July 14, staff responded to multiple reports of illness. Staff observed risk factors that could lead to illness including improper handwashing practices and insufficient methods to cool food properly. The inspection resulted in a B downgrade. The facility was reinspected and passed with an A grade.
   E. Golden Steer, 308 W. Sahara Ave.: On July 21, staff responded to multiple reports of illness. Staff observed risk factors that could lead to illness including bare hand contact with ready-to-eat foods, employees handling foods with open wounds on hands, improper sanitization of food contact surfaces, and food held at improper

temperatures. The inspection resulted in a B downgrade. The facility was reinspected and passed with an A grade.

F. **The Tap House Lounge, 5589 W. Charleston Blvd.:** On July 23, staff responded to a confirmed case of shigella. Staff observed risk factors that could lead to illness including improper handwashing practices, foods held at improper temperatures without monitoring, and improper cooling of foods. The inspection resulted in a B downgrade. The facility was reinspected and passed with an A grade.

G. **Timbers, 7045 N. Durango Dr.:** On July 23, staff responded to a confirmed case of yersinia. Staff did not observe risk factors that could lead to illness. The inspection resulted in an A grade.

H. **Pick-Up Stix, 2880 S. Las Vegas Blvd.:** On July 24, staff responded to multiple reports of illness. Staff observed risk factors that could lead to illness including improper handwashing practices. The inspection resulted in a B downgrade. The facility was reinspected and passed with an A grade.

I. **Golden Corral, 1455 S. Lamb Blvd.:** On July 25, staff responded to multiple reports of illness. Staff observed risk factors that could lead to illness, including inadequate reheating of food and improper cooling of food. The inspection resulted in an A grade.

J. **Popeye's, 605 W. Craig Rd.:** On July 29, staff responded to multiple reports of illness. Staff observed risk factors that could lead to illness including bare hand contact with ready-to-eat foods and improper cleaning and sanitizing of food contact surfaces between raw and ready-to-eat foods. The inspection resulted in a B downgrade. The facility was reinspected and passed with an A grade.

II. SOLID WASTE AND COMPLIANCE

ENVIRONMENTAL HEALTH Solid Waste Management Authority (SWMA) Illegal Dumping Complaints and Hearing Officer Process – Fiscal Year Data

Illegal Dumping and Hearing Officer Process	Jul. 2024	Jul. 2025		FY 24-25	FY 25-26	
Notices of Violations (New & Remails)	0	7	↑	0	7	↑
Adjudicated Hearing Cases	3	0	↓	3	0	↓
Total Cases Received	67	92	↑	67	92	↑
Total Cases Referred to Other Agencies	29	11	↓	29	11	↓
Hearing Penalties Assessed	$1,500	$0	↓	$1,500	$0	↓

Remails - Notices of Violations that are returned by the postal service and then mailed to a newly found address.

ENVIRONMENTAL HEALTH Restricted Waste Management – Fiscal Year Data

Restricted Waste Management	Jul. 2024	Jul. 2025		FY 24-25	FY 25-26	
Inspections	328	324	↓	328	324	↓

ENVIRONMENTAL HEALTH Underground Storage Tanks (UST) Full Compliance Inspections – Fiscal Year Data

Underground Storage Tanks	Jul. 2024	Jul. 2025		FY 24-25	FY 25-26	
Compliance Inspections	106	89	↓	106	89	↓
Final Installation/Upgrade/Repair Inspections	1	5	↑	1	5	↑
Closure Inspections	1	1	→	1	1	→
Spill Report Investigations	1	0	↓	1	0	↓

ENVIRONMENTAL HEALTH Permitted Disposal Facilities (PDF) Inspections – Fiscal Year Data

Permitted Disposal Facilities	Jul. 2024	Jul. 2025		FY 24-25	FY 25-26	
Inspections	26	30	↑	26	30	↑
Reinspections	1	0	↓	1	0	↓

III. VECTOR SURVEILLANCE

ENVIRONMENTAL HEALTH Vector Surveillance and Other EH Services - Fiscal Year Data

Vector Surveillance and Other EH Services	Jul. 2024	Jul. 2025		FY 24-25	FY 25-26	
West Nile Virus Surveillance Traps Set	492	419	↓	492	419	↓
West Nile Virus Surveillance Mosquitoes Tested	6,943	6,739	↓	6,943	6,739	↓
West Nile Virus Surveillance Submission Pools Tested	450	352	↓	450	352	↓
West Nile Virus Surveillance Positive Mosquitoes	1,203	38	↓	1,203	38	↓
West Nile Virus Surveillance Positive Submission Pools	40	1	↓	40	1	↓
St. Louis Encephalitis Surveillance Positive Mosquitoes	0	0	→	0	0	→
St. Louis Encephalitis Surveillance Positive Submission Pools	0	0	→	0	0	→
Mosquito Activity Complaints	51	43	↓	51	43	↓
Public Accommodations Inspections	6	14	↑	6	14	↑
Public Accommodations Complaints	29	14	↓	29	14	↓
Mobile Home/Recreational Vehicle Park Inspections	0	3	↑	0	3	↑
Mobile Home/Recreational Vehicle Park Complaints	2	0	↓	2	0	↓

A sample pool is a collection of 50 or less female mosquitoes, from the same species and location, combined into a vial for testing. It is used to determine the prevalence and distribution of arboviruses and can be used to trigger mosquito breeding and disease prevention messages.

IV. EH ENGINEERING

1. Solid Waste Plan Review Program (SWPR):

A. Permits Issued – None.

B. Landfills – Apex Regional Landfill; Boulder City Landfill; Laughlin Landfill; Nellis Air Force Base (Post Closure Monitoring); Timet; Sunrise Mountain (Post Closure Monitoring); and Wells Cargo.

C. Facility Applications Being Processed – Recycling Centers (4); Materials Recovery (1); and Waste Grease (1).

D. Facilities Planned for Approval at DBOH Meetings/SNHD Workshops in August: None.

ENVIRONMENTAL HEALTH Asbestos Permitting Services – Fiscal Year Data

Asbestos Permitting Services	Jul. 2024	Jul. 2025		FY 24-25	FY 25-26	
Asbestos Permits Issued	80	58	↓	80	58	↓
Revised Asbestos Permits Issued	11	4	↓	11	4	↓

ENVIRONMENTAL HEALTH Subdivision Program – Fiscal Year Data

Subdivision Plan Review	Jul. 2024	Jul. 2025		FY 24-25	FY 25-26	
Tentative Maps-Received	21	16	↓	21	16	↓
Tentative Maps-Lot Count	1,577	274	↓	1,577	274	↓
Final Maps-Received	14	24	↑	14	24	↑
Final Maps-Lot Count	421	596	↑	421	596	↑
Final Maps-Signed	16	11	↓	16	11	↓
Final Maps (Signed)-Lot Count	892	628	↓	892	628	↓
Improvement Plans-Received	16	25	↑	16	25	↑
Improvement Plans-Lot Count	590	591	↑	590	591	↑
Expedited Improvement Plans-Received	0	0	→	0	0	→
Expedited Improvement Plans-Lot Count	0	0	→	0	0	→

ENVIRONMENTAL HEALTH Individual Sewage Disposal System (ISDS) Program – Fiscal Year Data

Individual Sewage Disposal Systems	Jul. 2024	Jul. 2025		FY 24-25	FY 25-26	
Residential ISDS Permits	4	3	↓	4	3	↓
Commercial ISDS Permits	0	0	→	0	0	→
Commercial Holding Tank Permits	0	5	↑	0	5	↑
Residential Tenant Improvements	17	23	↑	17	23	↓
Residential Certifications	0	1	↑	0	1	↑
Compliance Issues	11	10	↓	11	10	↓

ENVIRONMENTAL HEALTH Safe Drinking Water Program – Fiscal Year Data

Safe Drinking Water Program	Jul. 2024	Jul. 2025		FY 24-25	FY 25-26	
Public Water System Sanitary Surveys	2	6	↑	2	6	↑
Public Water System Violations Issued	29	0	↓	29	0	↓

2. **<u>Safe Drinking Water Activity:</u>**
   - **A.** Two *coliform* positive results were reported from routine monitoring events. Other than where noted, those samples were E. coli negative:
     - **Desert Sunrise Water Association:** One routine sample was coliform positive. The repeat samples are scheduled to be collected by August 4.
     - **Creech Air Force Base**: One routine sample was coliform positive. The repeat samples were coliform negative.
   - **B.** Staff continued to monitor water hauling activities for multiple public water systems: Trout Canyon; Laker Plaza; Red Rock Campground; Cowboy Trail Rides; Spring Mountain Youth Camp; Coyote Springs Golf Course; and Apex Regional Waste Management Center.
   - **C.** Staff finalized a complaint investigation against Treasure Island's public accommodation's water system. The complaint alleged water quality issues from a patron's room. Sampled water quality and maintenance from the room were within acceptable limits set by Nevada Administrative Code 445A. The complainant was notified of the outcome. The complaint was closed and the permit returned to routine compliance schedules.

V. SPECIAL PROGRAMS

ENVIRONMENTAL HEALTH Special Programs - Fiscal Year Data

Special Programs	Jul. 2024	Aug. 2025		FY 24-25	FY 25-26	
School Facility Kitchen Inspections	2	1	↓	2	1	↓
School Facility Kitchen Complaints	0	0	→	0	0	→
School Facility Inspections	1	0	↓	1	0	↓
School Facility Complaints	3	0	↓	3	0	↓
Summer Food Service Surveys	13	6	↓	13	6	↓
Child Care Facility Inspections	56	57	↑	56	57	↑
Child Care Facility Complaints	5	2	↓	5	2	↓
Body Art Facility Inspections	75	73	↓	75	73	↓
Body Art Facility Complaints	7	3	↓	7	3	↓
Body Art Artist Special Event Inspections	2	2	→	2	2	→
Total Program Services Completed	164	144	↓	164	144	↓

1. **Child Care:**
   - **A. Infinity Learning Center Rainbow, 5447 S. Rainbow Blvd.:** During a reinspection, staff observed repeat violations that included crib mattresses with loose fitting sheets, inadequate enforcement of use of shoe coverings in the infant room, and an unsanitary outdoor play area. The reinspection also revealed children occupying a room with temperatures exceeding 82°F. SNHD Regulations require occupied rooms to be between 65°-82°F. The children and staff were relocated to other classrooms where room temperatures were acceptable. A second reinspection is still pending.
   - **B. Let's Talk Child Development Center, 8390 W. Windmill Ave.:** During a routine inspection, staff observed inadequate cleaning of food contact surfaces; refrigerator temperature logs not adequately maintained; hand sinks not delivering sufficient hot water; and diapering waste receptacles lacking lids. Additionally, the outdoor play area was found to have exposed nails on the playground structure and a garden hose that was accessible to children. The center was found to be non-compliant. A reinspection is still pending.
   - **C. Artsy Nannies, 6569 S. Las Vegas Blvd.:** During a routine inspection, staff observed multiple violations including inadequate cleaning; hand sinks not delivering hot water; multiple toys broken or torn; activity equipment dirty; and illness and injury logs were not maintained or available. The center was found to be non-compliant. A reinspection is still pending.
   - **D. The Goddard School, 8840 S. Rainbow Blvd.:** During a routine inspection, staff observed violations that included inadequate cleaning; improper diaper changing procedures being used; improper cleaning of linens; hand sinks lacking hot water; and areas that contained hazards accessible to children such as in the janitorial areas. The center was found to be non-compliant. A reinspection is still pending.
   - **E. Kid City USA Las Vegas 2, 5120 S. Eastern Ave.:** During a routine inspection, staff observed the existing surfacing on a playground was replaced with a different type of surfacing without the review and approval by the Health District as required by the SNHD Regulations. The new surfacing resulted in the lowering of the height of the enclosure wall to 42 inches. This is less than the required minimum height of 48

inches. The operator was required to submit plans to the Health District within 30 days of the inspection. Follow-up action is still pending.

F. **Henderson Bilingual School, 1901 N. Green Valley Pkwy.:** During a routine inspection, staff found the outdoor playground in a state of disrepair. The structure had exposed wood and protruding nails with rusted structural components. The playground was closed, and the operator was required to provide a plan of action to repair the equipment. Once the repairs were made, staff followed up and confirmed that the repairs to the playground were made. The closure of the playground was removed.

2. **Body Art:**

A. **Claire's Fashion Show Mall, 3200 Las Vegas Blvd.:** Staff responded to a complaint alleging Claire's was offering nose piercings at their Fashion Show Mall location. The investigation found a sign was posted in the facility advertising that nose piercing services were available. Piercing of any area of the body, except for earlobes, requires a permit. This location did not have a permit. A notice was issued requiring the removal of all advertisements of nose piercing services at both the location and their website. Any piercing services must be limited only to earlobes. The operator was also given information on how to obtain a permit if they wished to resume piercing areas beyond the earlobe. The complaint was substantiated at the time of the investigation. No further action on obtaining a permit has been taken by the operator. Staff will monitor to ensure that the operator limits piercing to only the earlobe.

B. **Basilica Tattoo, 3170 E. Sunset Rd.:** During a routine inspection, staff observed workstations lacking a sharps container. The facility had only one container present that was shared between the four workstations. SNHD Regulations require each workstation to have a sharps container to dispose of the needles after they have been used. The operator did obtain additional containers to be used at each station. No further action is necessary.

VI. PLAN REVIEW PROGRAM

ENVIRONMENTAL HEALTH Plan Review Program - Fiscal Year Data

Food Pre-Permitting Services	Jul. 2024	Jul. 2025		FY 24-25	FY 25-26	
Food Safety Assessment Meetings	0	0	→	0	0	→
Total Pre-Permitting Services	983	882	↓	983	882	↓
New Project Submissions	236	219	↓	236	219	↓
Completed Projects	215	256	↑	215	256	↑
Total Service Requests Currently in Pre-Permitting	1,371	1,240	↓			

1. **Enforcement Actions and Investigations:**

A. **SLA Coral Academy, 2150 Windmill Pkwy.:** Submitted plans were not approved due to indicating no hand sink in an area in the cafeteria where SLA staff would serve open food to students. Staff informed the applicant that hand sinks must be conveniently located and easily accessible in areas where open food handling

occurs. The school has opted to serve packaged food until revised plans are submitted and approved.

B. **Leticia's Cocina and Cantina Bar, 4111 Boulder Hwy.:** A CPH inspection was not approved due to multiple violations including refrigeration unable to hold 41°F or below; exposed wood in wet zones; and missing splash guards to protect open food. SNHD Regulations require refrigeration to maintain cold food at 41°F or below; materials in wet zones to be water impervious; and food to be protected from contamination. The reinspection is still pending.
C. **JW Marriott High Limit Bar, 221 N. Rampart Blvd.:** A final permitting inspection was not approved due to the refrigeration units operating at unsafe temperatures and the insufficient hot water for the glass washer sanitization cycle. SNHD Regulations require refrigeration to maintain cold food at 41°F or below and that the glass washer must be able to reach a hot water temperature of 165°F for sanitization. Following corrective actions, a reinspection was conducted, and the permit was approved.
D. **Captain Sam's Fish and Chicken, 240 N. Jones Blvd.:** During a CPH inspection for a market, staff learned that the new owner also purchased the next-door suite and intended to open a restaurant called Captain Sam's Fish and Chicken. The new owner believed that the CPH application for the market covered both suites and operations. Staff notified the owner that a separate permit is required for the restaurant and the application submission is pending.
E. **Inka's Golden Peruvian Cuisine, 3480 S. Maryland Pkwy.:** During a final permitting inspection, staff noticed multiple penetrations in the walls throughout the kitchen; a leaking drain line under the two-compartment sink; a leaking atmospheric vacuum breaker installed on the mop sink faucet; and a sanitizer solution dispenser in disrepair above the three-compartment sink. SNHD Regulations require plumbing and equipment to be maintained in good condition. The health permit was approved with the stipulations.
F. **Superior Grocers, 390 S. Decatur Blvd.:** During a final permitting inspection, multiple refrigerators were not operating at safe temperatures. SNHD Regulations require refrigeration to maintain cold food at 41° or below. Multiple technicians attempted to repair the equipment during the inspection but were unsuccessful. The permit was approved but the equipment was taken out of service. Once repaired, the refrigerators were approved for use during a follow-up inspection.
G. **Lucky Kids Daycare 3, 1908 S. Maryland Pkwy.:** During a final permitting inspection, the facility was closed for two IHH, insufficient hot water as measured at the hand washing sinks and at the three-compartment sink. SNHD Regulations require the minimum hot water temperature to be 90°F at hand washing sinks and 110°F at the three-compartment sink. A reinspection is still pending.
H. **Piero's, 355 Convention Center Dr.:** During a CPH inspection, staff found multiple violations including two refrigerators operating at unsafe temperatures, caulk peeling at the hood, and several gaps around drain lines and ceiling tiles. SNHD Regulations require facilities to be maintained in good condition, gaps to be sealed to prevent pests, and refrigeration to maintain 41°F or below. The permit was approved with stipulations.

VII. AQUATIC HEALTH PROGRAM

ENVIRONMENTAL HEALTH Aquatic Health Operations Program - Fiscal Year Data

Aquatic Health Operations	Jul. 2024	Jul. 2025		FY 24-25	FY 25-26	
Total Operation Inspections	885	548	↓	885	548	↓
Complaint Investigations	57	89	↑	57	89	↑
Inactive Body of Water Surveys	7	3	↓	7	3	↓
Drowning/Near Drowning/Accident Investigations at Permitted Facilities	11	8	↓	11	8	↓
Total Program Services Completed	950	648	↓	950	648	↓

1. **Aquatic Health Operations**
   - **A. Evolve Apartments, 3140 St. Rose Pkwy.:** A routine inspection at the pool resulted in an IHH closure due to a gap in the enclosure measuring greater than seven inches. SNHD Regulations require that openings in enclosures do not exceed four inches to prevent unattended children from accessing the pool. Following corrections, a reinspection was conducted the same day, and the pool was approved to reopen.
   - **B. Vibe Apartments, 1121 Lulu Ave.:** A routine inspection of the pool resulted in an IHH closure due to a broken main drain cover. A damaged drain cover poses an entrapment hazard and increases the risk of drowning. A reinspection is still pending.
   - **C. LVB Apartments, 11611 S. Las Vegas Blvd.:** A routine inspection of the pool resulted in an IHH closure due to multiple violations. The pool's disinfection system was not in operation and the pool had no detectable chlorine. Water that is not disinfected increases the possibility that bathers will be exposed to pathogens that can make them sick. Following corrections, a reinspection was conducted the same day, and the pool was approved to reopen.
   - **D. Desert Bay Apartments, 3665 Needles Hwy.:** A routine inspection of the pool resulted in an IHH closure due to high chlorine. High chlorine concentrations can cause skin, eye, and lung irritation. Following corrections, a reinspection was conducted the same day, and the pool was approved to reopen.
   - **E. Smith Williams Apartments, 575 E. Lake Mead Pkwy.:** A routine inspection at the spa resulted in an IHH closure due to multiple violations. A gate did not self-close or self-latch and the spa had high chlorine and high cyanuric acid. High cyanuric acid reduces the effectiveness of chlorine. A reinspection is still pending.
   - **F. Siena Suites, 6555 Boulder Hwy.:** A routine inspection at the pool and spa resulted in IHH closures due to multiple violations. Broken glass was found on the deck and the spa had high chlorine and high cyanuric acid. Broken glass on the deck can result in lacerations for bathers walking barefoot. Following corrective actions, a reinspection was conducted, and the pool and spa were approved to reopen.
   - **G. Best Western Hoover Dam, 704 Nevada Way:** A routine inspection at the pool resulted in an IHH closure due to a non-functional ground-fault circuit interrupter (GFCI) for the underwater lights. A non-functional GFCI is an electrocution risk to bathers. Following corrections, a reinspection was conducted the same day, and the pool was approved to reopen.
   - **H. Elkhorn Pointe at Heartland Townhomes, 1846 Spain Harbor Ave.:** A routine inspection at the pool resulted in an IHH closure due to no detectable chlorine.

Following corrections, a reinspection was conducted the same day, and the pool was approved to reopen.

I. **Skye Canyon Park, 10115 W. Skye Canyon Park Dr.:** A routine inspection at the pool resulted in an IHH closure due to broken equalizer drain covers. Broken equalizer drain covers can expose a strong suction force that can lead to various types of bather entrapment. Following corrections, a reinspection was conducted the same day, and the pool was allowed to reopen.

ENVIRONMENTAL HEALTH Aquatic Health Plan Review Program - Fiscal Year Data

Aquatic Health Plan Review	Jul. 2024	Jul. 2025		FY 24-25	FY 25-26	
Total Pre-Permitting Services	581	562	↓	581	562	↓
New Project Submissions	96	116	↑	96	116	↑
Completed Projects	122	163	↑	122	163	↑
Total Projects Currently in Plan Review	422	493	↑			

2. <u>Aquatic Health Plan Review</u>:
   - A. **Otonomus Hotel, 5050 Russel Rd.:** A pre-plaster inspection was not approved due to insufficient lighting, which could lead to people falling into an aquatic venue after dark. The lighting was corrected, and the aquatic venue is currently scheduled for the final permitting inspection.
   - B. **Rita Suites, 344 E. Desert Inn Rd.:** A spa pump remodel application was not approved due to the maximum flow rating of the suction outlet fitting assembly (SOFA) was exceeded by the proposed pumps. This could create an entrapment hazard. Submission of a revised application is pending.
   - C. **Altair Condos Pool, 7400 W. Flamingo Rd.:** A final remodel inspection for an enclosure remodel resulted in failure due to handholds on the fence and incorrect enclosure height. This could lead to unintended access by small children. A reinspection is still pending.
   - D. **Pavilion Center Regional Aquatics Center, 101 S. Pavilion Center Dr.:** An excavation and plumbing inspection was conducted for the new construction of a municipal pool. The excavation of the pool was approved, but the plumbing was incomplete. A plumbing reinspection is still pending.
   - E. **YMCA Centennial, 6601 N. Buffalo Dr.:** A plumbing inspection took place for the aquatic venues. The training pool did not have the required depth markings installed within the interior, which could lead to bathers being unaware of pool depth. A final remodel inspection is still pending.
   - F. **Vegas Drive Home Owner's Association, 5931 Vegas Dr.:** A final inspection was conducted for the installation of a new filter. The flow was unable to be calculated, so system performance was unable to be determined. Corrections were made while the inspector was on site and calculated flow was observed to be within the acceptable limits.
   - G. **Allure Townhomes, 8024 Captivation Ct.**: A final inspection of a SOFA remodel was not approved due to the pump exceeding the allowable flow rating for the SOFA. A reinspection is still pending.

VIII. TRAINING OFFICE

1. Training Office staff provided onsite intervention training to: Mull's Meat, 3730 Thom Blvd.; Best Meals on Wheels, 949 Empire Mesa Way; Love Paradise Sushi, 4865 S. Pecos Rd.; and Komol Restaurant, 953 E. Sahara Ave.
2. Training Office staff provided paid training to the following facility: Mull's Meats, 3730 Thom Blvd.
3. Training Office staff presented on Digital Training at the National Environmental Health Association (NEHA) Conference in Phoenix, Arizona.

IX. REGULATORY SUPPORT

1. Regulatory Support Office (RSO) staff participated in or performed the following activities and participated in the following external meetings: Regulatory and Laboratory Training System (RLTS) Steering Committee meeting; Association of Food and Drug Officials (AFDO) Food Protection Education Resource Collection Committee; Retail Flexible Funding Model (RFFM) Grantor; Western States Program Standards Network; Conference for Food Protection (CFP) Compensation Committee; CFP d-Vote Committee; NEHA Annual Educational Conference; NEHA Pre-conference workshop Ugh. Uncertainty! How to Lead and Make Decisions in Unpredictable Times; Farmer Boys Restaurants; assisted with Accela report process reviews; and RFFM Mentorship meetings.
2. RSO staff issued renewal on the Food Handler Safety Training Plan for Dig It! Coffee.
3. Special Processes staff inspected the Fourth of July Celebration at Green Valley Ranch Resort temporary event on July 4.
4. Special Processes staff facilitated the Retail Special Process Mentoring Program quarterly meeting on July 11.
5. RSO staff presented on "The Conference for Food Protection: A small organization that packs a punch," hosted a table at the RFFM Mentorship Program Learning Lab, and moderated during the NEHA Annual Educational Conference.
6. Special Processes staff participated in AFDOs Hazard and Critical Control Point (HACCP) Regulatory Review Panel on July 31.
7. Special Processes and Label Review staff met with various operators in-person and in a virtual setting via phone calls and virtual platform meetings, regarding submission of labels for review, waivers, operational plans, and HACCP plans.
8. Special Processes staff received five new submissions and released three special process files affecting three facilities. There are currently 18 files in review.
9. Label Review staff received 13 new submissions and released 12 label files consisting of 118 labels. There are currently 22 active files in review.
10. Cottage Food Operations staff completed 22 new registrations and 60 new inquiries, frequently with multiple follow-up inquiries per individual.

CDS/nc

Memorandum

Date: August 28, 2025

To: Southern Nevada District Board of Health

From: Lourdes Yapjoco, MSN-PH, RN, CCM, Director of Public Health & Preventive Care
Cassius Lockett, PhD, District Health Officer

RE: **PUBLIC HEALTH & PREVENTIVE CARE BOARD OF HEALTH REPORT – July 2025**

The Public Health and Preventive Care (PPC) Division is dedicated to protecting and promoting the health of our community. Through a range of clinical services, programmatic initiatives, and community outreach efforts, PPC works to prevent disease, support wellness, and ensure access to essential health resources for all residents. Our goal is to create a healthier, more equitable community by addressing public health needs with care, collaboration, and evidence-based practices.

I. PPC Administrative Updates

A. The expanded use of the electronic health record system (eClinicalWorks) has improved patient access to online self-scheduling, with ongoing Project/Program Coordinator oversight to ensure ongoing quality assurance in the implementation process

B. Workforce members were cross-trained across programs throughout the year, enhancing surge capacity for this year's back-to-school vaccinations.

C. "Donuts and Discussion with the Director" (Triple D's) meetings continue quarterly to support internal communication.

D. Division-wide All-Hands meetings will begin quarterly in September, in response to findings from the Organizational Vital Signs 2025 survey.

E. The division successfully completed a quality improvement (QI) initiative aimed at increasing vaccine reimbursement rates from a third-party payer. With support from the Finance Department, this project not only enhanced current revenue streams but also established a proven model to guide future collaborations with other third-party payers.

II. Immunization Program

A. Immunization Program Activities

1. The 2024-2025 flu season ended on June 30, 2025. The Immunization Public Health Centers plan to begin administering the new formulation as soon as it is available.
2. Back-to-School (BTS) 2025-2026 commenced in July 2025. Immunization clinics in all Public Health Centers have increased access to the public by providing extra days as follows:
   i. Main Public Health Center – August 1, 2025, August 8, 2025, and August 9, 2025;
   ii. Bonanza Public Health Center – July 28, 2025, August 4, 2025, and August 11, 2025
   iii. Henderson Public Health Center – August 1, 2025, and August 8, 2025; and
   iv. Mesquite Public Health Center – July 30, 2025, August 6, 2025, and August 11, 2025.
   v. Additional immunization opportunities started at the Fremont Public Health Center on July 28, 2025, through August 8, 2025.
3. In the month of July 2025, 2,545 children were served.
   - 0-5 years – 300
   - 6-10 years – 162
   - 11-13 years – 822
   - 14-18 years - 1261

B. Immunization Outreach Activities

1. Total outreach clinics in July- seven clinics, 673 vaccines were administered to 285 clients. The clinics were held at CCSD Family Support Center, and CCSD schools- Foothills, Tarkanian, Cannon, BTS clinic at Boulevard Mall in partnership with Cox.
2. Additional Back to School resource was added on July 21- August 14, 2025, to increase appointments for children and adolescent immunizations.

III. Community Health Nursing

A. Maternal Child Health

The Maternal Child Health (MCH) Nurse received one newborn screening referral and four lead referrals. There are currently 11 active clients enrolled in the Lead program. The MCH nurse continues to complete joint home visits to enrolled Healthy Start participants. In addition, she assisted during two back-to-school immunization events.

B. Nurse Family Partnership (NFP)

The Southern Nevada Health District-Nurse-Family Partnership (NFP) team provides home visiting services to 148 families. Sixty-three of those families are currently participating in the Maternal Infant and Early Childhood Home Visiting (MIECHV) Program, a grant from the Nevada Division of Public and Behavioral Health. A statewide 2-day MIECHV conference was held in Northen Nevada this month, and 3 members of this team were able to attend. Education, support, and resources are provided by the nurses at each home visit to improve pregnancy outcomes, growth and development of children, and self-sufficiency of the families.

C. Healthy Start Initiative- Enhanced

The Southern Nevada Health District's Healthy Start Initiative Program is supported by the Health Resources and Service Administration (HRSA) of the U.S. Department of Health and Human Services (HHS). Home visiting services were provided to 81 active families. Program outreach was conducted during the East Valley Family Services Back-to-School Resources Fair, Brain Health Convening Meeting, which was organized by SNHD and the Alzheimer's Association, and at nine Department of Welfare and Supportive Services locations. In addition, the program facilitated a community consortium meeting this month, and a presentation was given by SNHD's Health Equity Team regarding cultural humility and social determinants of health.

D. Embracing Fatherhood

The Embracing Fatherhood of Southern Nevada program actively continues to network and enroll new clients. The program's community health worker provided support, education, and community resources to 11 active clients. Referrals were received from Las Vegas Family Court.

IV. Sexual Health Outreach and Prevention Program (SHOPP)

A. Express Testing (ET) is a program that conducts testing for sexually transmitted infections (STI's) without a provider exam for asymptomatic patients. ET provided 257 screening encounters for the month of July. This included 24 clients who were tested at Homeless Outreach events, and 4 at the Fremont Friday clinics. The SHOPP team has expanded to doing once weekly testing at the UNLV student center, testing 17 clients in July. The SHOPP team has also expanded testing to include the Mesquite and Henderson SNHD locations. For the month of July, the Mesquite clinic tested 2 clients, and the Henderson clinic tested 3 clients each, advertising and outreach efforts continue.

B. The Congenital Syphilis Case Management Program (CSCMP) is a program to address the high rate of congenital syphilis in the community. The CSCMP nurses, in coordination with perinatal Hep B and HIV programs, continue to meet monthly to plan future targeted education sessions to increase knowledge and awareness of these diseases and available resources. The team continues to serve 46 active clients and completed 1 educational community event.

C. Members of the SHOPP team attended the SNHD Public Speaking course and Youth Mental Health First Aid training. The SHOPP team in July also attended The Health and Wellness Expo offering testing and education.

D. SHOPP houses a Neurosyphilis Emergent Onsite Navigation (NEON) program which aims to provide critical linkage services to patients suspected of neurosyphilis. Five NEON referrals were received, and 3 clients were navigated. The SHOPP nurses, in coordination with the Sexual Health Clinic and the University Medical Center's Wellness Center staff navigated 3 of the 5 patients to UMC ER for the appropriate medical evaluation, diagnostic tests, and treatment. The other 2 clients were given contact information to the navigation team so that they can reach out later should they decide to accept services.

E. SHOPP employs the Home Administered Treatment for Sexually Transmitted Infections (HATS) intervention, an innovative public health solution aimed at increasing access to care. This program is specific to those who have barriers to getting into a clinic for treatment, such as experiencing homelessness or no transportation. With this intervention, SHOPP and the SNHD DIIS team partner to get those facing barriers treated for STIs in their home or on the streets. In the month of July, no patients were identified needing services.

F. The SHOPP *Rapid PREVENT* program has recently started its implementation phase with a total of 11 active clients. The three CHW's for this initiative work collaboratively with Express Testing to assess and provide linkage to care services.

G. SHOPP's Pathways to Better Health *(*PBH) program serves pregnant/postpartum mothers and follows until the infant turns one year of age. The Community Health Workers support, educate and provide linkages and referrals with the goal of improving health outcomes during and after pregnancy for both moms and babies. This program now has a total of 26 active clients.

V. Tuberculosis (TB) Clinic

TB clinic has four (4) new adult TB active cases and zero (0) pediatric cases for the month of July 2025.

VI. Employee Health Nursing – July 2025

A. There were six (6) SNHD employees who tested for COVID-19. Zero (0) PCR tests were conducted. Zero (0) tests from outside entities. Six (6) employees tested positive for COVID, indicating an uptick in cases as compared to last month.

B. Employee New Hire and Annual Tuberculosis (TB) testing continues, with ongoing annual catch-up TB testing. Eleven (11) Tuberculosis tests were completed.

C. Employee New Hire and Annual FIT Testing Medical Evaluations continue. Nineteen (19) medical clearances were completed.

D. Vaccine Clinics

1. July 1 – July 31, 2025

2. Employees Total: 4 employees
    a) 0 COVID-19 Updated booster.
    b) 0 Influenza Vaccine
    c) 0 Monkeypox Vaccine
    d) 4 other vaccines
    e) 3 Hepatitis B vaccines

3. Total Vaccines Given: 7

E. New Hire/Onboarding: Zero (0) new hires were onboarded- “hiring freeze”.

F. Employee Health Nurse Accomplishments:
   1. Updated TB Risk Assessment.

G. Policies and procedures continue to be reviewed and updated.

Client Encounters by Locations

Location	DECATUR PHC	Bonanza PHC	Henderson PHC	Mesquite PHC	Fremont PHC	UNLV	Homeless Outreach	Other Outreach	School Based Outreach	Mobile Cinic	TOTAL
Immunization Clinics and Outreach	1,906	903	320	111	83		0	0	285		3,608
Immunization Records Issued and Transcription	408	159	49	4	1						621
SHOPP Express Testing (ET)	205		3	2	4	17	24	2			257
TB Treatment & Control	1,784										1,784
CHN Home Visits ^	351										351
TOTAL	4,654	1,062	372	117	88	17	24	2	285		6,621

^ Data reporting began 7/1/2025

Client Encounters by Program

Program	July 2024	July 2025		FY 24-25	FY 25-26	
Immunization Clinics and Outreaach**	3,701	3,608	↓	3,701	3,608	↓
Transcription	596	621	↑	596	621	↑
SHOPP Express Testing	269	257	↓	269	257	↓
TB Treatment & Control	1,400	1,784	↑	1,400	1,784	↑
CHN Home Visits^		351	↑		351	↑
TOTAL	5,966	6,621	↑	5,966	6,621	↑

^ Data reporting began 7/1/2025

Total Client Immunizations Administered by Locations

Location	DECATUR PHC	Bonanza PHC	Henderson PHC	Mesquite PHC	Fremont PHC	UNLV	Homeless Outreach	Other Immunization Outreach	School Based Outreach	Mobile Clinic	TOTAL
Total Immunizations Administered ***	4,303	2033	592	213	185			0	673		7,999

Includes Family centers, School clinics, and Immunization Outreach BTS clinic

**Includes BTS encounters by clinic, outreach, and COVID teams

*** New category added 07/01/2024

Total Client Immunizations Administered by Locations

Program	July 2024	July 2025		FY 24-25	FY 25-26	
Total Immunizations Administered ***	9,254	7,999	↓	9,254	7,999	↓

Immunization Clinic and Outreach Programs

Immunizations	July 2024	July 2025		FY 24-25	FY 25-26	
Flu Vaccine Given	0	0	→	0	0	→
COVID Vaccine Given	222	32	↓	222	32	↓
TB Skin Test *	^	6	↓	^	6	↓
Newborn Screening	0	0	→	0	0	→
Immunization Record Review and Release Only*	^	564	↓	^	564	↓
Transcription of Immunization Records Only*	^	30	↓	^	30	↓
Same Day Appts *	^	804	↓	^	804	↓
Referred to Civil Surgeon for Medical Assessment*	^	3	↓	^	3	↓
Vaccine Counseled **	^	94	↓	^	94	↓

*Started data collection 07/01/2025

**Counseled related to travel or routine vaccinations; no vaccine provided at appointment.

^No data available

Vaccines for Children (VFC)	July 2024	July 2025		FY 24-25	FY 25-26	
Number of VFC Compliance Visits	0	1	↑	0	1	↑
Number of IQIP Visits	0	0	→	0	0	→
Number of Follow Up Contacts	20	12	↓	20	12	↓
Number of Annual Provider Training	0	1	↑	0	1	↑
Number of State Requested Visits	18	7	↓	18	7	↓

Perinatal Hepatitis B	July 2024	July 2025		FY 24-25	FY 25-26	
# of Expectant Women	17	13	↓	17	13	↓
# of Infants	66	55	↓	66	55	↓
Total # of Infants Delivered	4	3	↓	4	3	↓
New Cases	0	2	↑	0	2	↑
Closed Cases	17	3	↓	17	3	↓

Childcare Program	July 2024	July 2025		FY 24-25	FY 25-26	
Childcare Audits	1	2	↑	1	2	↑
Baseline Immunization Rate	83%	83%	→	83%	82%	↓
# of Final Audits	1	2	↑	1	2	↑
Final Immunization Rate	83%	91%	↑	83%	91%	↑
# of Records Reviewed	52	105	↑	52	105	↑

Community Health Program

Nursing Field Services	July 2024	July 2025		FY 24-25	FY 25-26	
MCH Team Home Visit Encounters	16	23	↑	16	23	↑

NFP (Team 1)	July 2024	July 2025		FY 24-25	FY 25-26	
Referrals	18	11	↓	18	11	↓
Enrolled	6	6	→	6	6	→
Active	122	143	↑			

NFP (Expansion Team)**	July 2024	July 2025		FY 24-25	FY 25-26	
Referrals	6	0	↓	6	0	↓
Enrolled	2	0	↓	2	0	↓
Active	64	0	↓			
** Pending receipt of NOA**						

MCH	July 2024	July 2025		FY 24-25	FY 25-26	
# of Referrals Received	5	12	↑	5	12	↑
# from CPS	3	7	↑	3	7	↑
# of Lead Referrals	2	4	↑	2	4	↑
# of Total Admissions	5	8	↑	5	8	↑

Thrive by 0 - 3	July 2024	July 2025		FY 24-25	FY 25-26	
Referrals	44	47	↑	44	47	↑
One-Time Home Visits	5	7	→	5	7	↑
Enrolled	2	4	↑	2	4	↑
Active	19	17	↓			

Healthy Start**	July 2024	July 2025		FY 24-25	FY 25-26	
Referrals	17	28	↑	17	28	↑
Enrolled	9	7	↓	9	7	↓
Active	29	81	↑			

Embracing Fatherhood***	July 2024	July 2025		FY 24-25	FY 25-26	
Referrals ***	n/a	2	↓	n/a	2	↓
Enrolled ***	n/a	0	↓	n/a	0	↓
Active	n/a	10	↓			

***New program as of 1/2025

Tuberculosis Program

Tuberculosis	July 2024	July 2025		FY 24-25	FY 25-26	
Number of Case Manager Encounters		115	↑		115	↑
Number of Unduplicated Clients Seen by a Provicder^		73	↑		73	↑
Number of Clients Seen by TB Clinic Nurse^		457	↑		457	↑
Number of Monthly Electronic Disease Notifications Clinic Clients (Class B)	73	113	↑	73	113	↑
New Active Clients^		4	↑		4	↑
Number of Clients Receeiving LTBI Treatment^		235	↑		235	↑
Outreach Activities during the Month - Presentations, Physician Visits, Correctional Visits, etc.	5	7	↑	5	7	↑
Directly Observed Therapy (DOT) Field, clinic and televideo encounters	1,172	1,655	↑	1,172	1,172	→

^No data available; data reporting started 7/1/2025

Sexual Health Outreach and Prevention Program (SHOPP)

SHOPP - Express Testing (Asymptomatic Patients)	July 2024	July 2025		FY 24-25	FY 25-26	
# of Screening encounters	233	257	↑	233	257	↑
# of Clients Screened	233	257	↑	233	257	↑
# of Clients with positive STI identified	14	23	↑	14	23	↑
STI Positivity Rate		9%	↑		9%	↑
SHOPP- Linkage	**July 2024**	**July 2025**		**FY 24-25**	**FY 25-26**	
# of clients referred to Linkage	14	32	↑	14	32	↑
# of clients linked to care	12	32	↑	12	32	↑
SHOPP- Congenital Syphilis Case Management Program (CSCMP)	**July 2024**	**July 2025**		**FY 24-25**	**FY 25-26**	
# of Referrals (pregnant, post-partum, infants)	7	10	↑	7	10	↑
# of Clients enrolled in CM	5	6	↑	5	6	↑
# of Active pregnant/ postpartum clients	50	46	↓			
# of Infants being followed	23	15	↓			
# of Provider/ Community trainings	4	1	↓	4	1	↓
SHOPP -Services for Unhoused Patients with Resources and Engagement in core (SURE)	**July 2024**	**July 2025**		**FY 24-25**	**FY 25-26**	
# of Outreach events	4	6	↑	4	6	↑
SHOPP- Complex STI Navigation	**July 2024**	**July 2025**		**FY 24-25**	**FY 25-26**	
# of Clients referred	n/a	5	↓	n/a	5	↓
# of Clients navigated	n/a	3	↓	n/a	3	↓
# of Home administrered treatment of STI (HATS)		0	→		0	→

No data available; data reporting started 7-1-2025

Non- cumulative