



NEVADA DIVISION OF  
**ENVIRONMENTAL  
PROTECTION**



Nevada Department of  
**CONSERVATION &  
NATURAL RESOURCES**



# *Board for Financing Water Projects*

**July 29, 2020**

**1:30 PM**

**To be held Virtually**

Lifesize: <https://call.lifesizecloud.com/4155018>

Skype for Business: <https://skype.lifesizecloud.com/4155018>

Call in from Mobile/Phone (audio only): United States: +1 (877)  
422-8614

Meeting extension: 4155018#

**This meeting will *not* be broadcast over the Internet.**

# Drinking Water funding update

as of July 15, 2020

<b>Cash in fund</b>	<b>\$54,495,804.92</b>
<b>Committed funds not yet disbursed</b>	\$24,151,839.97
<b>Add commitments for Board consideration</b>	\$2,160,412.00
<b>Total committed funds after Board approval</b>	\$26,312,251.97
<b>Lowest cash flow balance in three (3) years<sup>2</sup></b>	\$25,635,630

	<b>July 2020 to June 2021</b>	<b>July 2021 to June 2022</b>	<b>July 2022 to June 2023</b>
<b>Cash balance forward</b>	\$47,714,365	\$39,163,001	\$31,544,580
<b>Receipts from grants awarded</b>	\$10,334,770	Not forecasted	Not forecasted
<b>Receipts from bonds issued</b>	\$0	Not forecasted	Not forecasted
<b>Receipts from treasurer's Interest<sup>1</sup></b>	\$1,029,187	\$797,327	\$650,587.69
<b>Receipts of loan principal</b>	\$13,219,875	\$13,547,652	\$13,616,797.22
<b>Receipts of loan interest</b>	\$4,158,250	\$3,838,076	\$3,491,121.30
<b>Payments for debt service</b>	(\$3,405,688)	(\$2,872,619)	(\$2,788,825)
<b>Payments to loan recipients<sup>2</sup></b>	(\$33,887,759)	(\$22,928,857)	(\$20,820,000)
<b>Cash balance forward</b>	\$39,163,001	\$31,544,580	\$25,694,261

<sup>1</sup> Estimated at 2% A.P.R. on undisbursed cash in the fund. Subject to change.

<sup>2</sup> Values contain planned loans not yet presented to the Board for Financing Water Projects for funding.

# *Drinking Water funding update*

## *as of July 15, 2020*

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<b>Current funds to obligate for principal forgiveness loans</b>	<b>\$3,466,860.78</b>
<b>Less projects for board consideration</b>	<b>\$2,160,412</b>
<b>Current funds to obligate for principal forgiveness loans</b>	<b>\$1,306,448.78</b>
<b>Pending 2020 Grant Application (submitted May 2020)</b>	<b>\$2,552,800</b>
<b>Total Principal Forgiveness Funds</b>	<b>\$3,859,248.78</b>

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# *Drinking Water updates*

- **DWSRF Systems and Coronavirus Update**
  - DWSRF is actively monitoring the financial status of all borrowers
  - All borrowers have made their July 1, 2020 debt service payments timely
  - As of July 2, 2020, the program has the following loans outstanding:

<b>System Type</b>	<b>Entity Count</b>	<b>Loan Count</b>	<b>Amount</b>
Public Entities	21	50	\$165,765,749.26
Private Entities	10	11	\$2,289,314.71
<b>Total</b>	<b>31</b>	<b>61</b>	<b>\$168,055,063.97</b>

# *Drinking Water updates*

- **DWSRF 2020 Intended Use Plan finalized March 26, 2020**
  - Grant award totaling \$12,764,000
  - Principal forgiveness cap raised to \$1,000,000 for construction projects.
  - Additional extenuating circumstances allowing additional funds over \$1 million was expanded to include: Failing infrastructure threatens only source of supply or only storage facility.
  - Special incentive for loans until March 27, 2021. Borrowers taking out a loan of \$2 million or more may receive \$250,000 in principal forgiveness. Certain conditions apply. Does not need to be a disadvantaged community or small system to qualify. System must still demonstrate sufficient rates, a fiscal sustainability plan (or equivalent), and a capital replacement reserve.

# *Capital Improvements Grant funding update*

## *as of July 15, 2020*

<b>Current Cash</b>			<b>\$1,476,863.58</b>
Reserved for Administration			\$14,064.81
Committed funds not yet disbursed			\$328,426.01
Projects for Consideration:			\$1,134,372.00
Un-committed funds:			\$0.76
<hr/>			
<b>Committed funds not yet disbursed:</b>			
<b>GP2001</b>	Lovelock Meadows Water District	Storage Tank 1 rehabilitation	\$328,426.01
<b>Total</b>			<b>\$328,426.01</b>
<b>Projects for consideration:</b>			
<b>#16</b>	Lovelock Meadows Water District	Storage Tank 2 rehabilitation	\$487,500.00
<b>#27</b>	Churchill County	New well for redundant source requirements	\$646,872.00
<b>Total</b>			<b>\$1,134,372.00</b>
<b>Letter of Intent Submitted</b>			
<b>#14</b>	Las Vegas Valley Water District (Big Bend)	Treatment plant improvements; storage rehabilitation; distribution; electrical controls	\$5,000,000
	Pershing County Water Conservation District	Rodgers Flume Replacement	\$2,160,000
<b>Total</b>			<b>\$7,160,000</b>

# *Capital Improvements Grant funding update*

## *as of July 15, 2020*

<b>AB 541</b>	<b>2019 Legislative Session, Section 17</b>	<b>\$3,000,000</b>
	The State Board of Finance shall issue general obligation bonds of the State of Nevada in the face amount of not more than \$3,000,000 in the 2019-2021 biennium as provided in NRS 349.986 for the program for providing grants for water conservation and capital improvements to certain water systems.	
	Less 2019B Series issued December 10, 2019	\$1,500,000
<b>Remaining Authority</b>		<b>\$1,500,000</b>
<b>June 17, 2020</b>	Formal request to the State Treasurer's Office for issuance of additional funds in fall 2020 (Fiscal Year 2021)	\$1,500,000

**Arbitrage Rebate:**

**For construction projects = two-year expenditure requirement for the 2019B Series:**

Period	Cumulative Expenditures
<b>6 Months</b>	10%
<b>12 Months</b>	45%
<b>18 Months</b>	75%
<b>24 Months</b>	100%



# *Nevada DWSRF Priority List*

## *-Effective July 2020*



# Drinking Water





# PWS

NRS 445A.235

## Eligible PWS Types

Projects are ranked and grouped by class & with type of public water system as sub-group :

- ◆ *Community public water systems* (PWS: 15 service connections & regularly serves 25 or more persons)
  - Public water systems that supply water to 25 or more year-round residents (same population). These PWS could be publicly or privately owned.
- ◆ *Non-Community public water systems only if publicly owned or owned by nonprofits (federally recognized as non-profits)*
  - ◆ ***Non-profit, nontransient Public water systems***
    - Public water systems that are not community PWS but regularly supply water to at least 25 of the **same** people at least 6 months per year. Factories, Offices, Schools
  - ◆ ***Non-Profit, Transient Public Water Systems***
    - Public water systems that provide water in a place such as a public park or a public campground where people do not remain for long periods of time. Or a public places open only seasonally.



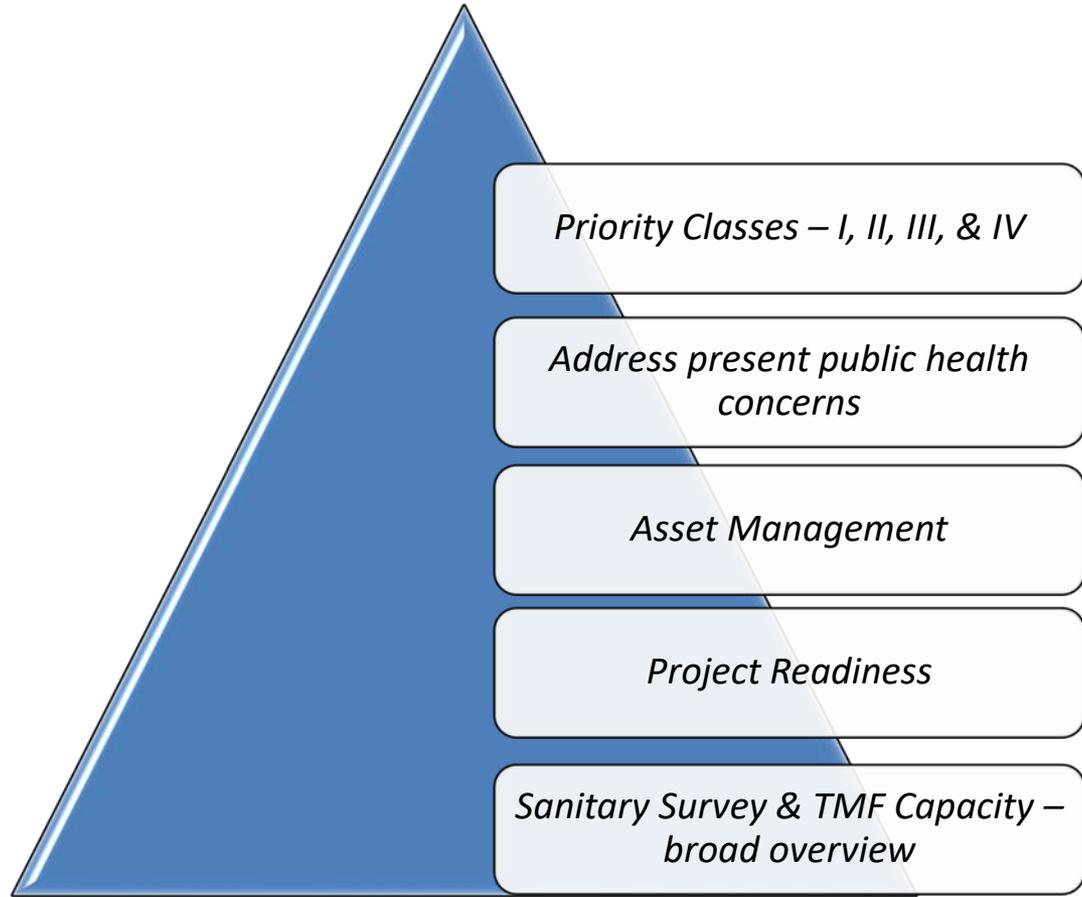
# Ranking Criteria

**Greg Lovato**  
*Administrator*

**Jennifer Carr**  
*Deputy Administrator*

**Jeffrey Kinder**  
*Deputy Administrator*

**Rick Perdomo**  
*Deputy Administrator*

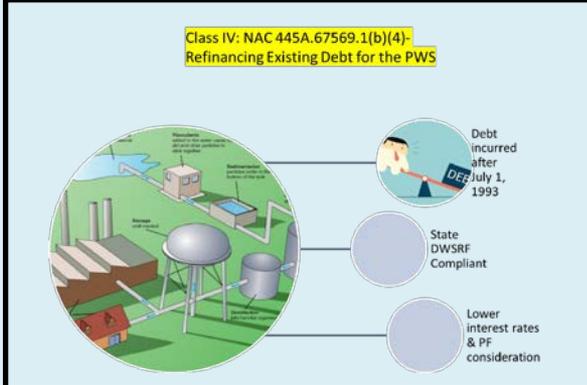
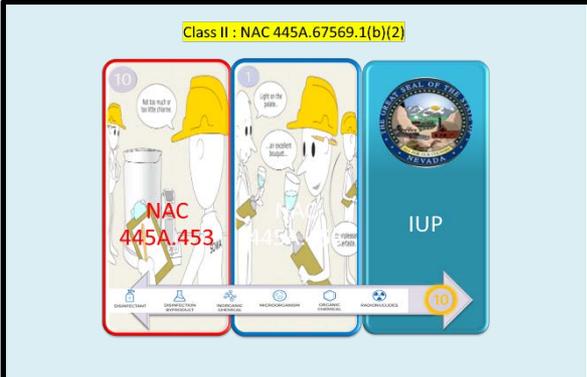


NAC 445A.67568 – NAC 445A.571

<https://ndep.nv.gov/water/financing-infrastructure/state-revolving-fund-loans>



**Class III: NAC 445A.67569.1(b)(3) I-XII**



# Point incentives for due diligence

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Administrator

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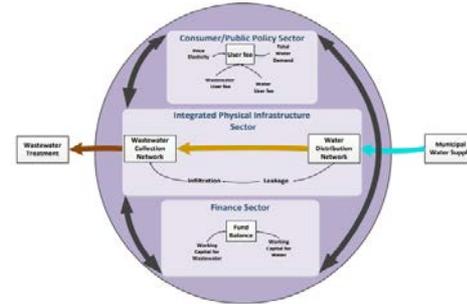
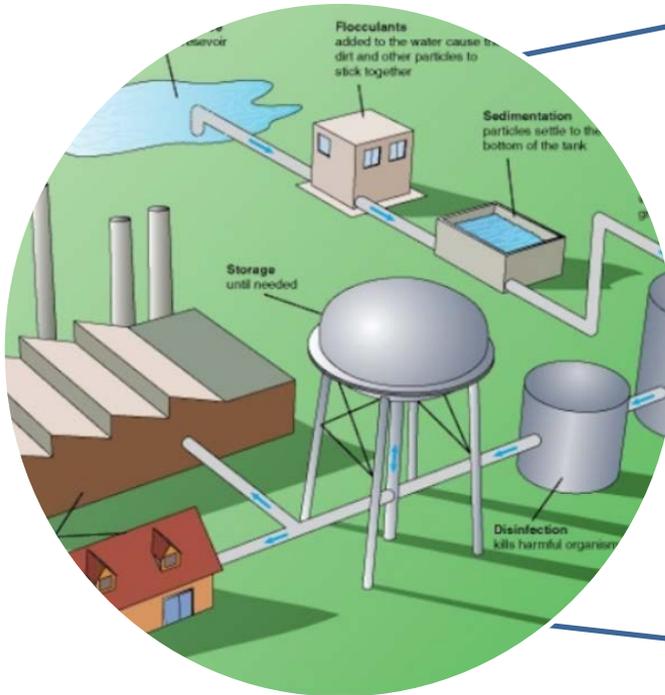
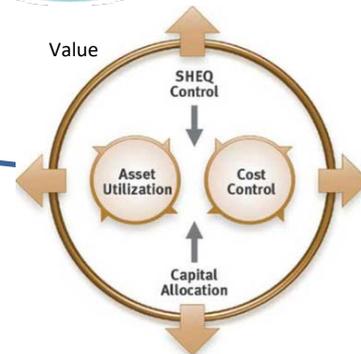


Figure 1: Integrated strategic asset management sectors

*Asset Management (system mapping, risk analysis, need & resource) – 1 point*



*Rate Structure – 1 point*



*Maintain Fund Allocation to replace or rehab ageing system – 1 point*



# Final Ranking

- *The NAC allows the Division to consider any other factor as provided in the IUP established for the year in which the priority list is developed*
- *Points assigned to address different problems within a class are additive*
- *Total points multiplied by ratio of state MHI to local area MHI*
- *Any tie in points within the same class & type is re-ordered by highest to lowest system population*

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# *Supporting Disadvantaged Communities*

- 💧 *For the purposes of funding/grants/subsidized loan allocations: Nevada State uses MHI Ratio. If MHI/System MHI if  $>1.25$  then "D"*
- 💧 *NAC 445A.67567(8): special conditions for "D"*
- 💧 *Besides MHI ratio, Nevada adopted a point system (Pl. See IUP for details)*



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**Drinking Water State Revolving Fund Priority List -- Effective July 2020**

Priority	Water System	PWS ID#	Pop. Served	Number of Svc. Conn.	Total Points	State MHI/ PWS MHI	Revised Points	D <sup>1</sup>	Ownership	Project Description	Estimate	Funded
<b>Class I--Acute Health Risks</b>												
<b>Community Public Water Systems</b>												
1	Gold Country Estates	NV0003079	950	415	4	0.91	3.63		Private	Nitrate compliance	\$1,200,000	
2	Humboldt Co (Grass Valley)	NV0001098	4,000	1,600	2	1.10	2.21		Public	PER/ER - Creation of new water system	\$100,000	
<b>Total Class I</b>											<b>\$1,300,000</b>	

<b>Class II--Chronic Health Risks</b>												
<b>Community Public Water Systems</b>												
3	Beatty Water & Sanitation District	NV0000009	1,010	446	12	1.76	21.11	D	Public	PER/ER, Wells 2 & 3 arsenic & fluoride treatment	\$1,970,000	Y <sup>2</sup>
4	Carson City	NV0000015	56,000	16,447	13	1.11	14.39		Public	Completion of Regional Water Project - extension from Washington & Phillips to Quill Treatment Plant	\$7,544,452	Y <sup>3</sup>
5	Humboldt Co (McDemitt)	NV0000162	200	100	13	1.07	13.89		Public	Arsenic treatment	\$700,000	Y
6	Truckee Meadows Water Authority	NV0000190	325,000	91,000	13	1.00	12.94		Public	Groundwater treatment (arsenic, iron, manganese removal) for reliable source during drought (Phase 1 @ \$34,339,000) & Transmission Line (Phase 2 @ \$16,862,000)	\$51,201,000	
7	Truckee Meadows Water Authority	NV0000190	325,000	91,000	13	1.00	12.94		Public	Consolidation of Old 40 West water system w/ TMWA (arsenic compliance)	\$250,000	Y
8	Alamo Sewer & Water GID	NV0000005	900	318	12	1.01	12.15		Public	Arsenic treatment	\$1,692,600	Y <sup>2</sup>
9	Mt Rose Bowl Property Owners' Water Co	NV0000732	40	15	12	0.91	10.98		Private	LCR compliance, new storage tank	\$800,000	Y & Y <sup>3</sup>
10	Silver Knolls Mutual Water Co	NV0004021	120	63	11	0.91	9.96		Private	Arsenic compliance	\$516,000	Y
11	Douglas Co (Fairgrounds/Sunrise Estates)	NV0002540	150	46	13	0.68	8.81		Public	Arsenic compliance	\$2,619,000	

<b>Class II--Chronic Health Risks</b>												
<b>Non-Community Water Systems</b>												
12	TRIGID <sup>4</sup>	NV0000913	10,000	200	13	0.92	12.02		Public	Transmission line Expansion - Arsenic compliance mitigation	\$1,150,000	
13	Baker Water & Sewer GID <sup>4</sup>	NV0000863	30	20	11	0.99	10.88		Public	To establish new water system - alternative to un-treated surface water source currently in use - Lehman Creek	\$570,000	
<b>Total Class II</b>											<b>\$69,013,052</b>	

<b>Class III--Rehabilitation</b>												
<b>Community Public Water Systems</b>												
14	Las Vegas Valley Water Dist (Big Bend Water Dist)	NV0004092	9,300	2,200	50	1.70	85.08	D	Public	SW treatment plant improvements, storage tank rehabilitation, transmission & distribution line replacement, electrical & control systems improvements	\$5,290,000	
15	Beatty Water & Sanitation District	NV0000009	1,010	446	44	1.76	77.40	D	Public	Pipeline replacement, controls & other system projects	\$2,582,830	Y
16	Lovelock Meadows Water District	NV0000161	5,278	1,409	42	1.38	58.02	D	Public	New well, transmission line, storage, & other system improvements	\$5,000,000	Y
17	Golconda GID	NV0005029	114	102	44	1.25	55.17	D	Public	Spring rehabilitation, transmission line replacement, new chlorination system, & other system improvements	\$810,000	
18	Storey Co (Virginia City Highlands)	NV0000240	1,400	500	59	0.92	54.56		Public	PER/ER (VC Highlands - new source, storage, transmission & distribution system)	\$125,000	
19	Topaz Ranch Estates GID	NV0000239	1,501	730	39	1.33	51.71	D	Public	Rehabilitation/replacement: well, storage tank, transmission & distribution lines	\$13,773,956	Y <sup>3</sup>
20	Humboldt Co (Gold County Estates)	NV0003079	950	415	48	0.91	43.61		Public	Consolidation of Gold Country with Humboldt Co; water quality mitigation, SRF loan refinancing	\$2,200,000	
21	Douglas Co (Lake Tahoe Systems)	NV0000258 & NV0000259	2,800	1,085	65	0.66	42.58		Public	Replacement/upgrade: storage tank, booster stations, water lines, SCADA redundant treatment capacity, & meters	\$38,800,000	
22	Walker Lake GID	NV0000268	400	160	26	1.64	42.52	D	Public	Distribution rehabilitation; source water treatment	\$6,400,000	
23	Las Vegas Valley Water District	NV0000090	1,306,410	354,123	38	1.05	40.02		Public	System rehab: source, storage, distribution & backflow	\$13,209,090	Y
24	Lyon County Utilities (Dayton)	NV0000838	13,000	6,400	42	0.91	38.23		Public	New well, storage, & upgrade transmission & distribution lines	\$9,000,000	
25	North Las Vegas, City of	NV0000175	334,800	87,000	38	1.00	37.92		Public	Replacement of 4 wells including disinfection & buildings	\$11,860,000	Y
26	Blue Diamond Water Cooperative, Inc.	NV0000092	85	23	58	0.65	37.69		Private	PER/ER; Rehab/replace source, storage, transmission & other system improvements; possible consolidation?	\$1,741,500	
27	Churchill Co (Sand Creek Redundant Well)	NV0000406	750	320	33	1.12	36.90		Public	PER/ER; Churchill Co back-up well, storage, distribution looping, & other system improvements	\$1,300,000	Y <sup>2</sup>
28	Lander Co Sewer & Water Dist 2 (Austin)	NV0000006	350	230	59	0.62	36.31		Public	Source, treatment, storage, transmission & distribution rehabilitation/replacement	\$1,007,000	Y <sup>3</sup>
29	Elko Co (Mountain City)	NV0000170	134	40	23	1.48	34.02	D	Public	Spring rehabilitation & transmission line replacement	\$993,384	
30	Carlin, City of	NV0000014	2,500	900	43	0.72	31.06		Public	PER/ER, Source, storage, transmission & distribution rehabilitation/replacement, & meters	\$10,000,000	Y <sup>2</sup>
31	Hawthorne Utilities	NV0000073	3,020	1,894	26	1.18	30.80		Public	Rehabilitation/replacement: distribution mains, source, & storage	\$13,000,000	Y <sup>2</sup>
32	Las Vegas Valley Water Dist (Big Bend Water Dist)	NV0004092	9,300	2,200	18	1.70	30.63	D	Public	Riverbank filtration pretreatment	\$1,308,317	Y
33	Lyon County Utilities (Silver City)	NV0000240	244	116	26	1.16	30.28		Public	Storage tank, transmission & distribution line replacements	\$2,000,000	



**Drinking Water State Revolving Fund Priority List -- Effective July 2020**

Priority	Water System	PWS ID#	Pop. Served	Number of Svc. Conn.	Total Points	State MHI/ PWS MHI	Revised Points	D <sup>1</sup>	Ownership	Project Description	Estimate	Funded
<b>Class I--Acute Health Risks</b>												
<b>Community Public Water Systems</b>												
34	Southern Nevada Water Authority <sup>4</sup>	NV0000289	2,200,000	441,123	29	1.01	29.41		Public	Clark County regional water system modifications: Ozone equipment upgrade, Hacienda Switchgear/MCC Replacement, and South Valley Lateral Actuator Replacement	\$50,600,000	
35	Orovada GID	NV0003022	200	50	27	1.07	28.85		Public	Storage, distribution, & meters	\$1,800,000	
36	Truckee Meadows Water Authority	NV0000190	325,000	91,000	28	1.00	27.88		Public	Consolidation of Verdi Mutual Water System with TMWA	\$710,000	
37	Kingsbury GID (Ponderosa HOA)	NV0000004	3,839	2,450	28	0.98	27.48		Public	Consolidation of Ponderosa HOA with KGID	\$570,355	
38	Alamo Sewer & Water GID	NV0000005	900	318	27	1.01	27.34		Public	New storage tank & source	\$3,670,000	
39	Silver Springs Mutual Water Co	NV0000222	3,070	1,164	18	1.52	27.33	D	Private	Rehabilitate/replace Idaho Well	\$800,000	
40	Yerington, City of	NV0000255	1,750	1,088	17	1.60	27.16	D	Public	Replacement of transmission & distribution mains & appurtenances	\$18,904,418	Y <sup>2</sup>
41	Femley, City of	NV0000062	19,500	7,000	30	0.90	27.05		Public	Surface water conveyance & treatment	\$8,000,000	
42	Gold Country Water Company	NV0003079	360	122	28	0.91	25.44		Private	Acquisition/Consolidation of Star City HoA Water System	\$675,000	
43	Esmeralda Co (Goldfield)	NV0000072	375	276	11	2.30	25.34	D	Public	Transmission line replacement	\$3,475,674	Y & Y <sup>3</sup>
44	Crystal Trailer Park	NV0000193	110	40	27	0.86	23.27		Public	Consolidation with TMWA	\$250,000	
45	Moapa Valley Water District	NV0000160	9,000	3,200	28	0.83	23.25		Public	PER/ER, New Arrow Canyon Well #3 & Wam Springs 500k Tank	\$4,292,030	
46	Kingston Town Water Utility	NV0000265	200	155	18	1.25	22.47		Public	PER/ER, New source	\$2,014,000	
47	Douglas Co (Uppaway)	NV0000817	85	35	34	0.66	22.27		Public	PER/ER; Distribution system upgrades; Consolidation of Uppaway with Glenbrook; & Other system needs for consolidation	\$2,200,000	
48	Storey Co (Virginia City)	NV0000240	2,517	694	21	1.02	21.34		Public	Tank & transmission main rehabilitation/replacement	\$7,000,000	Y <sup>2</sup>
49	Tonopah Public Utilities	NV0000237	2,600	1,500	13	1.54	20.03	D	Public	Airport storage tank replacement & booster pump re-conditioning	\$395,500	
50	Roark Estates HOA	NV0000319	62	27	13	1.53	19.94	D	Private	Replace backup storage tank	\$225,000	Y
51	Silver Springs Mutual Water Co	NV0000223	3,070	1,164	13	1.52	19.74	D	Private	Rehabilitate/recoat north water storage reservoir	\$228,404	Y & Y <sup>3</sup>
52	Esmeralda Co (Silver Peak)	NV0000363	111	75	13	1.44	18.72	D	Public	Storage tank rehabilitation	\$257,300	
53	Virgin Valley Water District	NV0000167	18,000	8,071	18	1.00	17.94		Public	New source(s)	\$4,050,000	
54	Elko Co (Montello)	NV0000169	180	75	17	1.03	17.58		Public	PER/ER, New source	\$500,000	
55	Weed Heights Development, LLC <sup>4</sup>	NV0000242	560	301	11	1.60	17.58	D	Private	PER/Storage Tanks repair or replacement	\$507,800	
56	Gerlach GID <sup>4</sup>	NV0000071	120	156	11	1.49	16.41	D	Public	Rehabilitate transmission line appurtenances between spring sources & town	\$143,000	
57	Ely, City of	NV0000038	5,500	2,200	16	0.99	15.83		Public	Distribution main replacements & storage upgrades	\$23,568,000	
58	Elko Co (Tuscarora)	NV0000189	40	21	8	1.91	15.31	D	Public	Distribution system looping	\$229,704	
59	Round Hill GID	NV0000260	1,821	480	23	0.64	14.67		Public	PER/ER; Redundant treatment system contact chamber & other system improvements	\$600,000	
60	McGill - Ruth GID	NV0000164	700	320	17	0.86	14.65		Public	New water source for Ruth	\$1,624,000	Y <sup>2</sup>
61	Las Vegas Valley Water District (Jean)	NV0000089	160	13	11	1.27	13.93	D	Public	Storage tank rehabilitation	\$145,000	
62	Tonopah, Town of (Tonopah Public Utilities) <sup>4</sup>	NV0000237	2,211	1,332	9	1.54	13.86	D	Public	Correction of Main Street Water Utility Conflicts - to achieve NAC Compliance and meet NDOT Standards	\$157,766	
63	Esmeralda Co (Goldfield)	NV0000072	375	282	6	2.30	13.82	D	Public	Metering system upgrade to radio read	\$198,802	
64	Las Vegas Valley Water District (Kyle Canyon)	NV0000142	1,040	353	23	0.58	13.33		Public	New source; Rainbow Well discharge line relocation	\$1,230,000	
65	Moapa Valley Water District <sup>4</sup>	NV0000160	9,000	3,200	16	0.83	13.29		Public	PER/MWWD Gubler Main 4" distribution line replacement to meet 6" minimum pipe-size & installation of PRV station	\$679,500	
66	Lyon County Utilities	Various	17,000	8,000	11	1.04	11.42		Public	PER/ER for Lyon Co Utilities expansion to Silver Springs	\$150,000	
67	West Wendover, City of	NV0000246	4,406	1,173	11	1.03	11.31		Public	Johnson Spring transmission system - PCCP replacement project	\$1,907,105	
68	Verdi Meadows Water Company	NV0000197	510	171	13	0.86	11.20		Private	Storage tank rehabilitation	\$262,361	
69	Virgin Valley Water District	NV0000167	18,000	8,071	11	1.00	10.96		Public	Transmission main - Mesquite Heights to Pulte	\$1,080,000	
70	Steamboat Springs Water Works, Inc.	NV0000282	989	290	13	0.83	10.83		Private	Tank & appurtenances rehabilitation/replacement	\$500,000	
71	Lyon County Utilities (Stagecoach GID)	NV0000224	1,411	580	10	1.04	10.38		Public	Intertie Stagecoach GID with Lyon County Utilities	\$1,280,000	
72	McGill - Ruth GID	NV0000164	700	320	12	0.86	10.34		Public	New/Rehabilitate storage tank for Ruth	\$975,000	
73	Churchill Co	NV0000406	750	320	9	1.12	10.06		Public	8-inch distribution line extension from Bottom Rd to Alcorn Rd	\$333,325	
74	Gardnerville Ranchos GID <sup>4</sup>	NV0000066	11,312	4,400	9	1.05	9.43		Public	Replace schedule 40 & AC distribution mains throughout system	\$9,350,000	
75	West Wendover, City of	NV0000246	4,990	1,103	9	1.03	9.25		Public	Sycamore Way waterline improvement project	\$736,583	
76	Silver Springs Mutual Water Company <sup>4</sup>	NV0000223	3,070	1,194	6	1.52	9.11	D	Private	Transmission line - Highway 50 Crossing - upgrade & replacement	\$380,000	
77	Esmeralda Co (Silver Peak)	NV0000363	111	99	6	1.44	8.64	D	Public	Metering system upgrade to radio read	\$135,419	
78	Douglas Co (West Valley Water System)	NV0002564 & NV0002054	1,090	421	17	0.51	8.59		Public	New source	\$3,000,000	
79	Nye Co (Gabbs)	NV0000063	411	160	8	1.03	8.25		Public	Distribution line & appurtenances replacement	\$1,658,085	
80	Rosemont Water Company	NV0000767	55	26	12	0.68	8.22		Private	Storage tank rehabilitation	\$150,000	
81	R&M MHP	NV0000054	130	42	7	1.12	7.82		Private	Distribution system & appurtenances replacement	\$89,426	
82	Verdi Meadows Water Company	NV0000196	510	171	9	0.86	7.76		Private	Distribution line & appurtenances replacement	\$1,510,344	
83	Moapa Valley Water District <sup>4</sup>	NV0000160	9,000	3,200	9	0.83	7.47		Public	PER/MWWD Main Street water main replacement -4" distribution line replacement to meet 6" minimum pipe-size	\$1,200,000	
84	Cottonwood MHP	NV0000017	250	91	6	1.11	6.64		Private	PER/ER; distribution system & appurtenances replacement; & other system improvements	\$100,000	
85	West Wendover, City of	NV0000246	4,990	1,103	6	1.03	6.17		Public	Water meter & meter yoke replacement	\$1,921,617	
86	North Las Vegas, City of	NV0000175	334,800	87,000	6	1.00	5.99		Public	Advanced Metering Infrastructure project	\$27,550,000	Y
87	Ely, City of	NV0000038	5,500	2,190	6	0.99	5.94		Public	Advanced Metering Infrastructure project -under advise per water conservation plan review	\$18,659,700	
88	Canyon GID <sup>4</sup>	NV0000566	1,250	500	6	0.92	5.55		Public	PER/Well Capacity issue prevention	\$735,000	



**Drinking Water State Revolving Fund Priority List -- Effective July 2020**

<u>Priority</u>	<u>Water System</u>	<u>PWS ID#</u>	<u>Pop. Served</u>	<u>Number of Sv.c. Conn.</u>	<u>Total Points</u>	<u>State MHI/ PWS MHI</u>	<u>Revised Points</u>	<u>D<sup>1</sup></u>	<u>Ownership</u>	<u>Project Description</u>	<u>Estimate</u>	<u>Funded</u>
<b>Class I--Acute Health Risks</b>												
<b>Community Public Water Systems</b>												
89	Douglas Co Public Works	Multiple	9,450	3,610	6	0.92	5.53		Public	Telemetry & SCADA improvements	\$1,265,000	
90	Lyon County Utilities (Dayton)	NV0000032	13,000	6,400	6	0.91	5.46		Public	Systemwide meter replacement project	\$1,150,000	
91	Humboldt Co (McDermitt)	NV0000162	200	100	5	1.07	5.34		Public	Meter replacement	\$80,000	
92	Glenbrook Water Cooperative	NV0000356	1,000	288	8	0.66	5.24		Private	PER; distribution line replacement/looping	\$38,000	
93	Las Vegas Valley Water District (Blue Diamond)	NV0000010	550	120	8	0.65	5.18		Public	Distribution line & appurtenances replacement	\$2,239,000	
94	Steamboat Springs Water Works, Inc.	NV0000282	989	290	6	0.83	5.00		Private	System metering	\$510,000	

**Class III--Rehabilitation**

**Non-Community Public Water Systems**

95	Trout Canyon Land & Water Users Assoc	NV0004060	140	70	59	0.65	38.23		Private	PER/ER; Repair/rehab spring or replace with well; replace transmission & distribution lines; chlorination; additional storage	\$2,996,000	Y <sup>2</sup> & Y <sup>3</sup>
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<b>Total Class III</b>	<b>\$362,044,295</b>
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**Class IV--Refinance**

<b>Total Class IV</b>	
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<b>TOTAL FOR ALL PROJECTS</b>	<b>\$432,357,347</b>
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**Legend:**

<sup>1</sup> Eligible for Disadvantaged Community Designation

<sup>2</sup> PER & ER or Design funded only

<sup>3</sup> Funded by Others

<sup>4</sup> New Project on DWSRF Priority List

# DW Priority List

## Additions to List

System	New List Rank	Amount	Project
1 TRI GID	Class II: 12	\$ 1,150,000	Transmission Line Expansion / Arsenic mitigation
2 Baker Water & Sewer GID	Class II: 13	\$ 570,000	New Water System for Lehman Creek Subdivision
3 Southern Nevada Water Authority	Class III: 34	\$50,600,000	Treatment upgrades / system improvements
4 Weed Heights Development, LLC	Class III: 55	\$ 507,800	PER/Storage repair or replacement
5 Gerlach GID	Class III: 56	\$ 143,000	Rehabilitate transmission line appurtenances
6 Town of Tonopah	Class III: 62	\$ 157,766	Main St Utility conflicts
7 Moapa Valley Water District	Class III: 65	\$ 679,500	PER/Gubler Main replacement
8 Gardnerville Ranchos GID	Class III: 74	\$ 9,350,000	Replace distribution mains
9 Silver Springs Mutual Water Co	Class III: 76	\$ 380,000	Transmission Line upgrade & replacement
10 Moapa Valley Water District	Class III: 83	\$ 1,200,000	Main St water main replacement
11 Ely, City of	Class III: 87	\$18,659,700	Advanced Metering Infrastructure Project
12 Canyon GID	Class III: 88	\$ 735,000	PER/Well Capacity
		<b>\$84,132,766</b>	

## Removals from List

System	Previous Rank	Amount	Project
1 Kingsbury GID	Class III: 42	\$ 90,000	PER/ER; rehabilitation
2 Yerington, City of	Class III: 48	\$ 100,000	PER/ER; consolidation of Campbell Lane
		<b>\$ 190,000</b>	

# DW Priority List

## Changes in Median Household Income Impacting Disadvantaged Community Designation

System	County	2020R Priority List		Priority List Effective July 2020	
Nevada		\$55,434	2013-2017 American Community Survey	\$57,598	2014-2018 American Community Survey
80% of State MHI		<b>\$44,347</b>		<b>\$46,078</b>	

## Now Considered Disadvantaged for the Drinking Water Priority List

Golconda, Town of	Humboldt	\$ 47,583	2013-2017 Community Survey (Golconda CDP)	\$ 45,938	2014-2018 Community Survey (Golconda CDP)
Mountain City	Elko	\$ 45,000	2013-2017 Community Survey (Mountain City CCD)	\$ 38,939	2014-2018 Community Survey (Mountain City CCD)

# DW Priority List

## Changes in Median Household Income Impacting Disadvantaged Community Designation

System	County	2020R Priority List		Priority List Effective July 2020	
Nevada		\$55,434	2013-2017 American Community Survey	\$57,598	2014-2018 American Community Survey
80% of State MHI			<b>\$44,347</b>		<b>\$46,078</b>

## Removed from Disadvantaged Status

Gabbs, Town of	Nye	\$ 34,063	2013-2017 Community Survey (Gabbs CCD)	\$ 55,847	2014-2018 Community Survey (Gabbs CDP)
Hawthorne, Town of	Mineral	\$ 42,250	2013-2017 Community Survey (Hawthorne CDP)	\$ 48,618	2014-2018 Community Survey (Hawthorne CDP)
McDermitt, Town of	Humboldt	\$ 36,336	2013-2017 Community Survey (McDermitt CCD)	\$ 53,911	2014-2018 Community Survey (McDermitt CCD)
Orovada	Humboldt	\$ 36,336	2013-2017 Community Survey (McDermitt CCD)*	\$ 53,911	2014-2018 Community Survey (McDermitt CCD)
Silver City	Lyon	\$ 41,971	2013-2017 Community Survey (Lyon Co Census Tract 9603.01)	\$ 49,451	2014-2018 Community Survey (Lyon Co Census Tract 9603.01)

CCD = Census County Division: A section of a county

CDP= Census Designated Place: A population concentration for Census statistics



**Greg Lovato**  
*Administrator*

**Jennifer Carr**  
*Deputy  
Administrator*

**Jeffrey Kinder**  
*Deputy  
Administrator*

**Rick Perdomo**  
*Deputy  
Administrator*



Shovel  
Ready?!  
Feasible to  
Bypass



Nevada Department of  
**CONSERVATION &  
NATURAL RESOURCES**

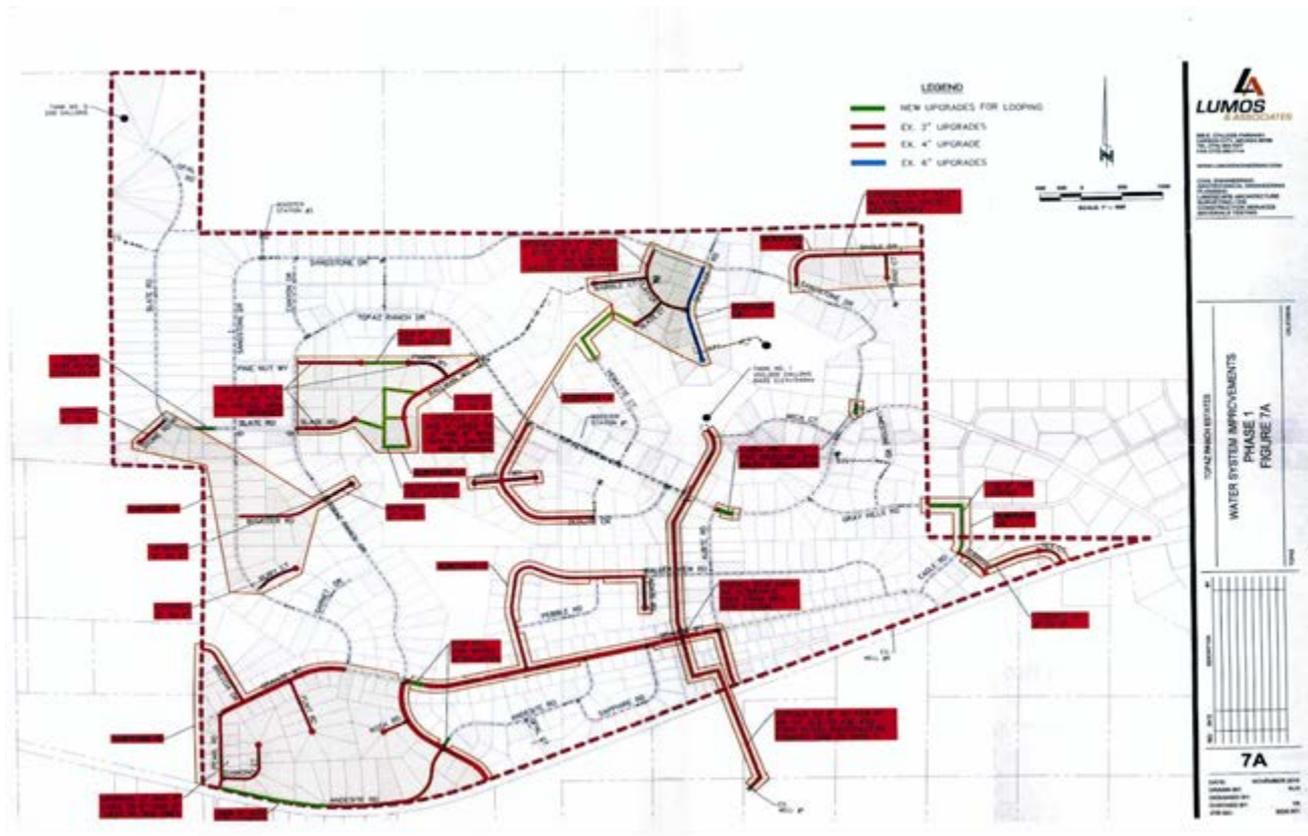
NAC 445A.67573

*Project #1*

*Topaz Ranch General  
Improvement District –  
Redundant Well (PER/ER)*



Topaz Ranch GID – New Well





PER/ER for new well



\$ 79,662 (85%)



Ready to Start

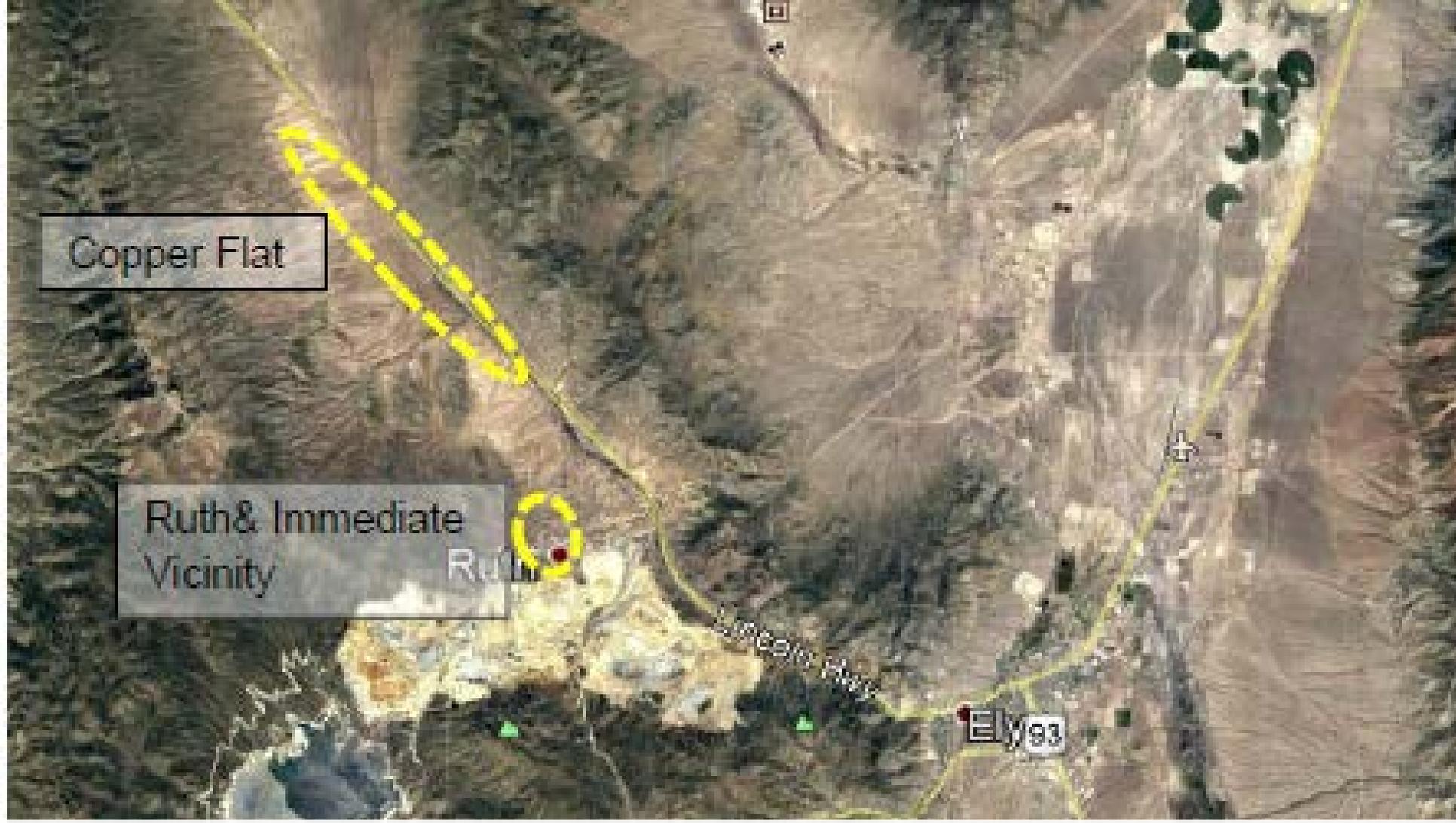
*Project #2*

*Town of Ruth – Exploratory  
Well – New Water Source  
(PER/ER Update)*



# Town of Ruth – White Pine County





## Finding Water





PER/ER for new  
water source



\$ 80,750 (85%)



Ready to Start

# *Project #3*

## *Hawthorne Utilities – Storage Tanks*



Mineral County Sheriff

Mt. Grant  
General Hospital

The Church of  
Jesus Christ of Latter...

359

359

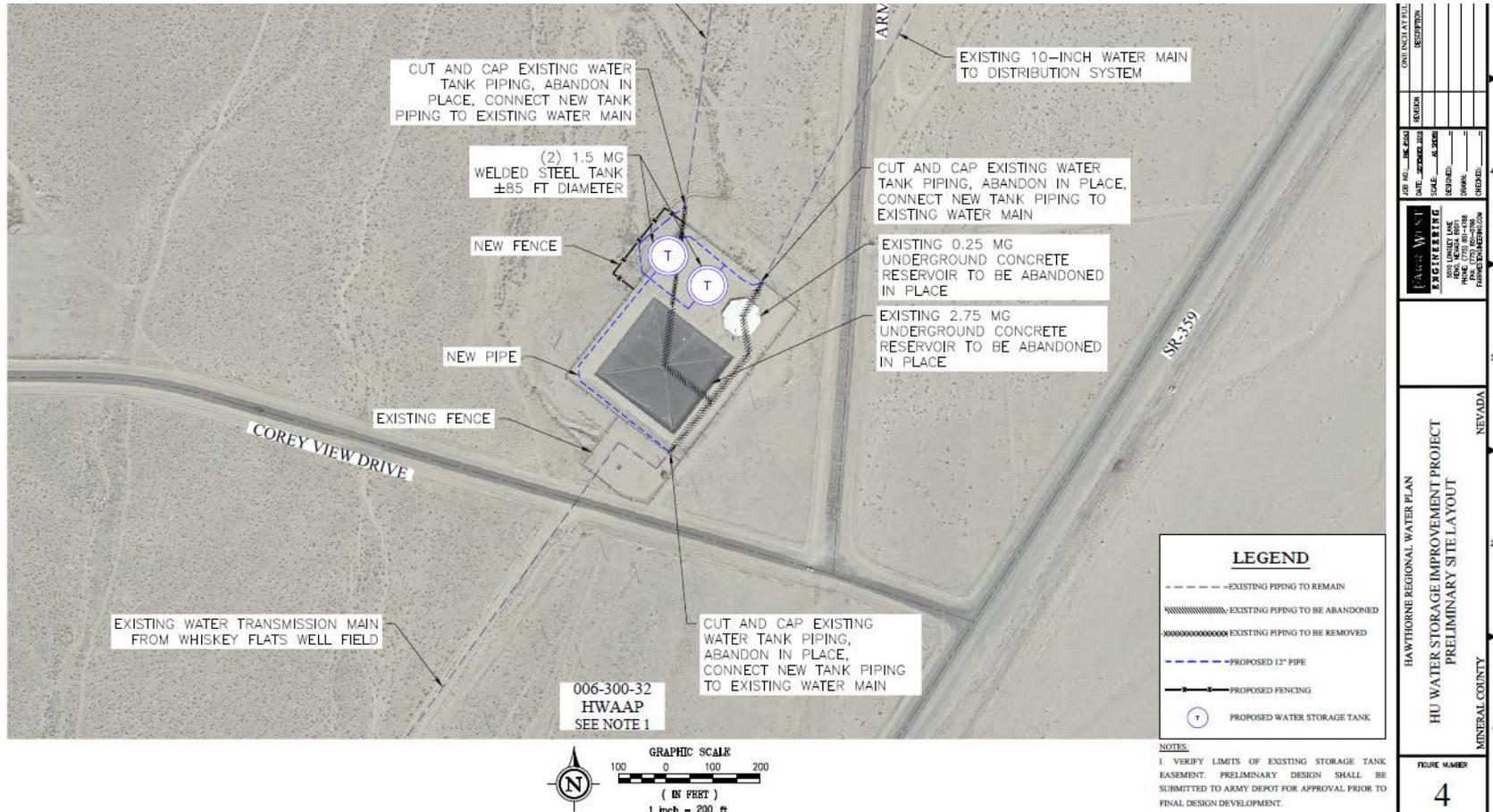
359

Hawthorne Heights  
Mobile Home Park

Google

Hawthorne Utilities  
-Mineral County

# Proposed Project





Babbitt Tank (2011)



Babbitt Tank (2011)



Babbitt Tank (2011)



Small Underground Concrete Reservoir  
Exterior (2011)



Small Underground Concrete Reservoir  
Exterior (2011)



Small Underground Concrete Reservoir  
Exterior (2011)

Hawthorne Regional Water Plan



Small Underground Concrete Reservoir  
Interior Cracking (2011)



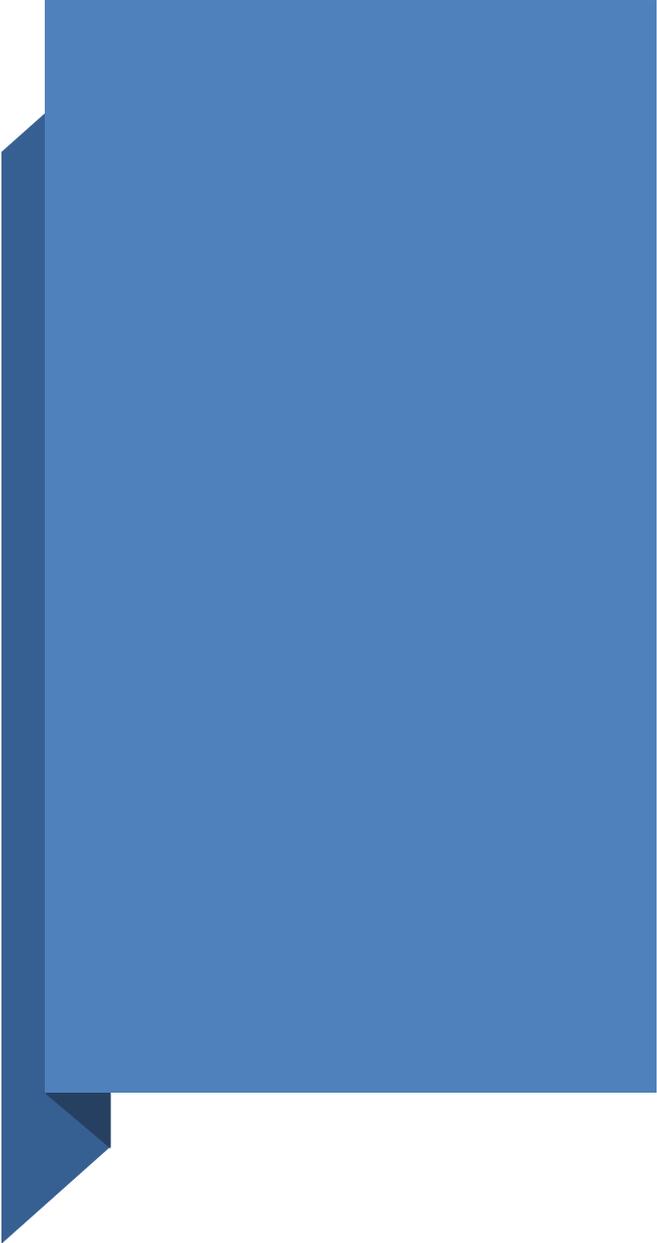
Large Underground Concrete Reservoir  
Floating Cover (2011)



Whiskey Flats Tank (2012)

➤ Easements

➤ ER



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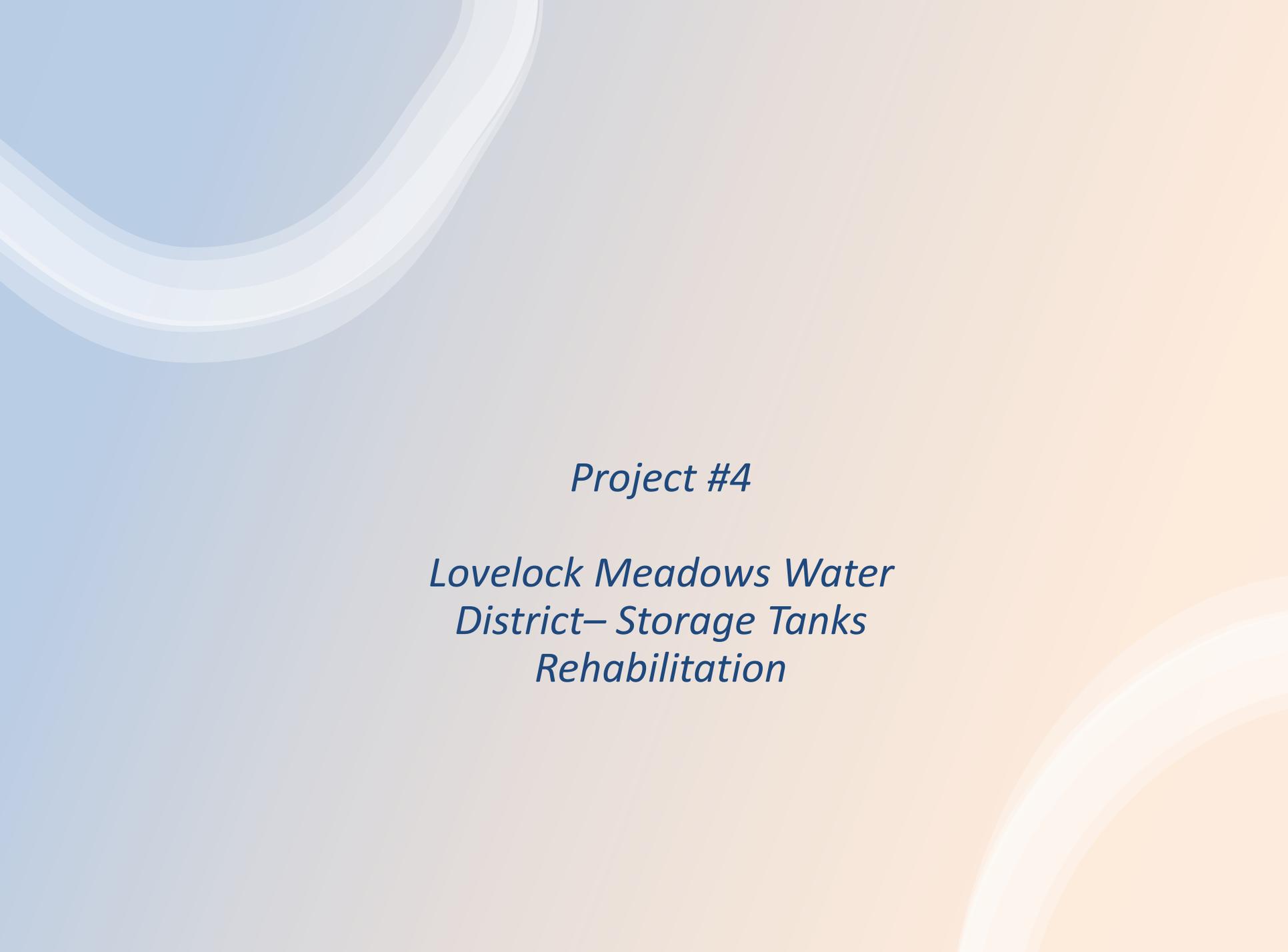
# New Storage Facilities

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\$ 1,000,000

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Ready to Proceed



*Project #4*

*Lovelock Meadows Water  
District– Storage Tanks  
Rehabilitation*



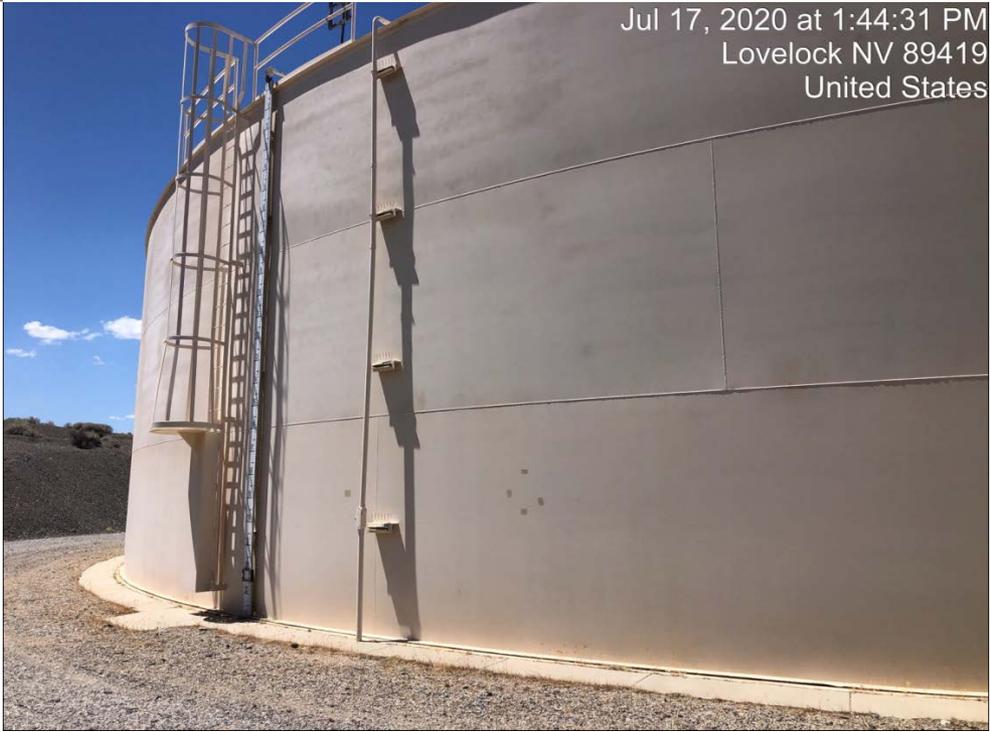
## Lovelock Meadows Water District – Pershing County



Jul 17, 2020 at 1:43:31 PM  
Lovelock NV 89419  
United States



Jul 17, 2020 at 1:44:31 PM  
Lovelock NV 89419  
United States





Lovelock Meadows Water District – Current Project





## ***Proposed Project.***

- Replacing the existing tank floor & base aggregate material
- Recoat interior & ~~exterior~~ of the tank
- Add cathodic protection system
- Provide Additional Roof Venting

## ***Estimated Project Schedule***

Design:	(Complete)
Construction Bid/Award:	November 2020
Completion:	April 2021



2.5 MG Tank 2 - Coating



\$ 1,000,000 (PF-DWSRF)

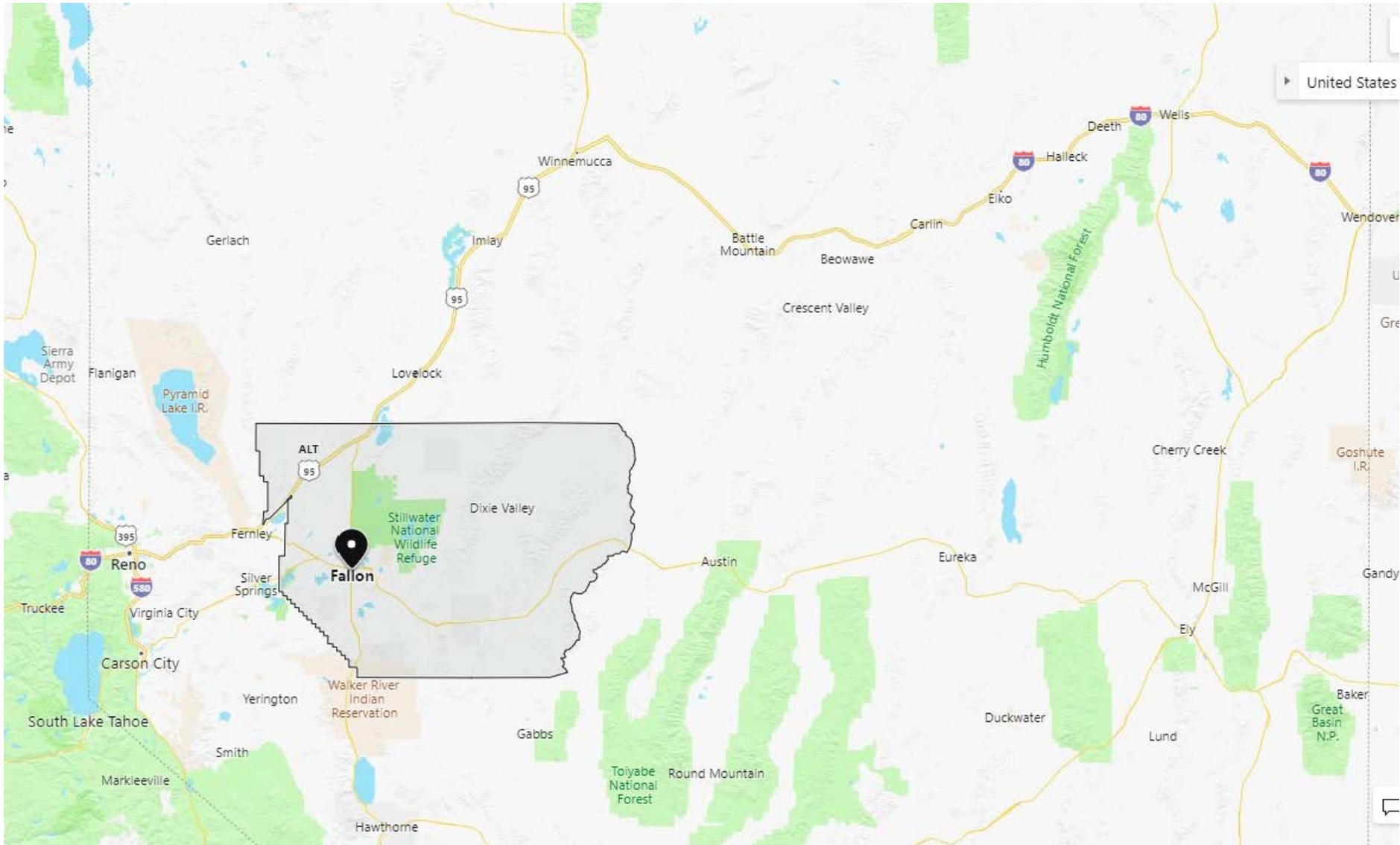
\$ 487,500 (Capital  
Improvement Grant)

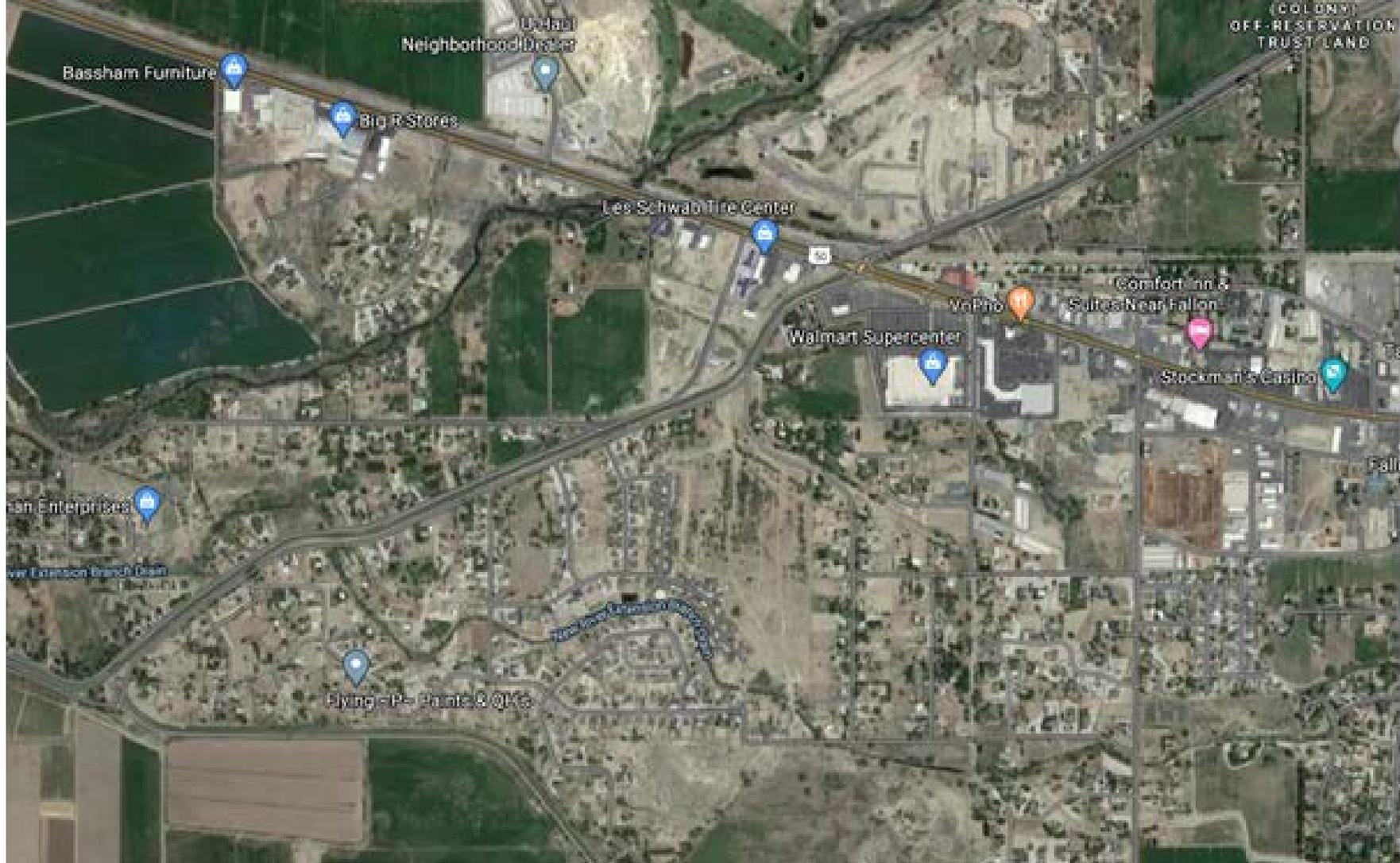


Continuation –Identical  
to Tank -1 project

*Project #5*

*Sandcreek Water System—  
New Water Source  
Development*





## Sandcreek Water System – Churchill County



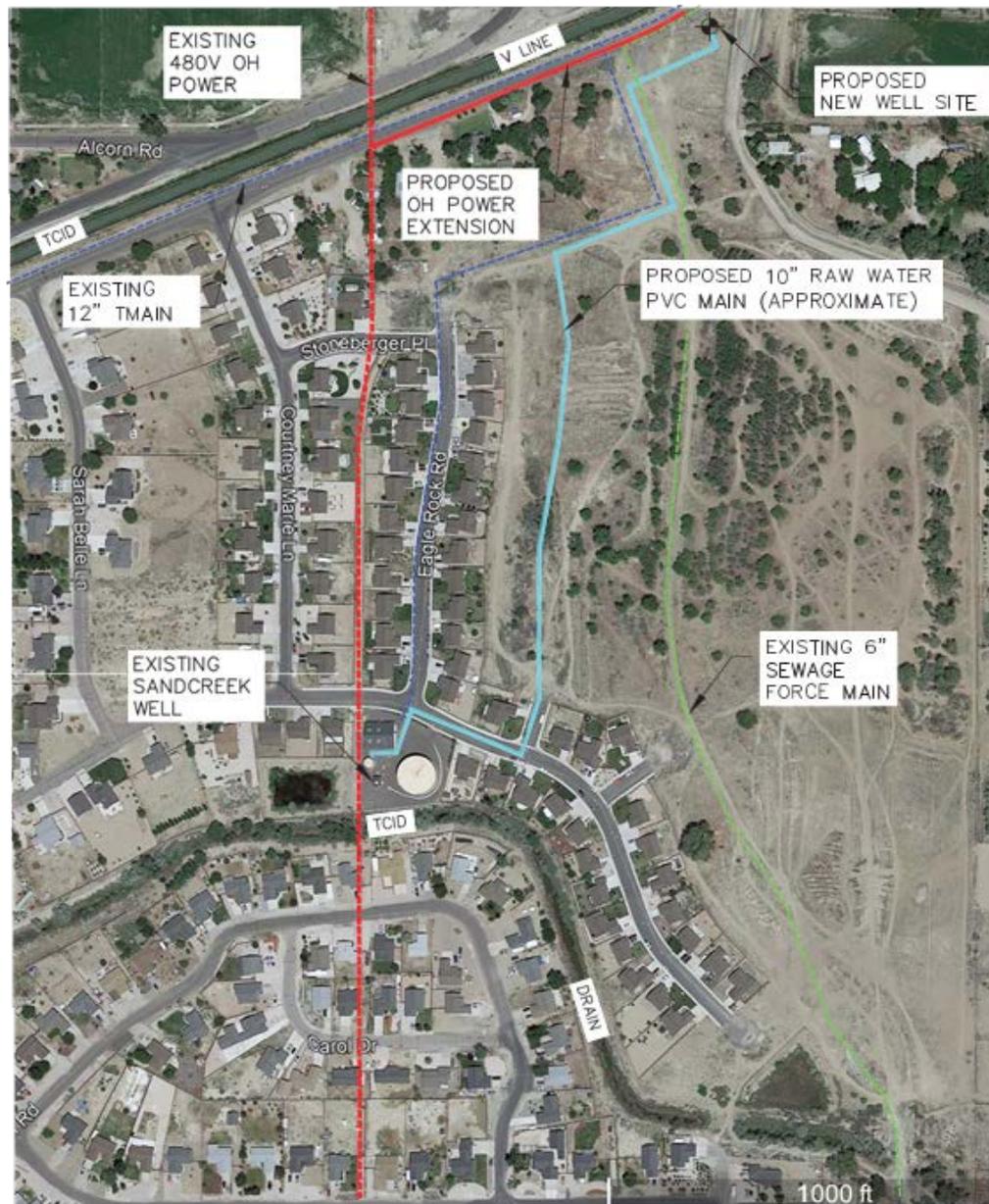


# *Churchill County*



*Sand Creek Water System*





**SHAW**  
ENGINEERING





## ***Proposed Project:***

- Construction of new well
- Installation of transmission line
- Over Head Power Line Extension
  
- Water Rights Transfer Communication to all users



## ***Estimated Project Schedule***

Well Drilling and Construction  
July 2020 – November **2021**



New Well &  
Transmission Line  
to WTP



\$ 646,872 (Capital  
Improvement  
Grant)



Ready to Start

# Board Policy on Nonprofit Public Systems

## Policy:

1. Recognizing the increasing costs to operate public water systems and the economy of scale, it is the policy of the Board to support consolidation of privately owned, nonprofit public water systems with larger publicly owned systems where feasible.
2. Grant applications for improvements to privately owned, nonprofit public water systems will only be considered by the Board if the application includes a demonstration that consolidation with a publicly owned system is infeasible. The demonstration must include either written correspondence from the publicly owned system that they are unable or unwilling to serve the nonprofit system users or documentation that the distance to a publicly owned system or cost of connection make consolidation infeasible.

# Board Policy on Septic to Community Sewage System Connections

## Policy:

It is the policy of the Board for Financing Water Projects to discontinue funding for the abandoning of individual septic tanks and connecting the homes to community sewer systems unless Waters of the State is being impacted by failing septic systems and the septic system was installed and operating prior to the date of this policy.

# Board Policy Discussion

- Scale to Determine Grant Amount
- Funding Water Resource Plans

Comments?