MINUTES OF THE
MEETING OF THE SENATE COMMITTEE
ON GOVERNMENT AFFAIRS

SIXTY-FIRST SESSION
NEVADA STATE LEGISLATURE
March 16, 1981

The Senate Committee on Government Affairs was called to order by Chairman James I. Gibson, at 2:00 p.m., Monday, March 16, 1981, in Room 242 of the Legislative Building, Carson City, Nevada. Exhibit A is the Meeting Agenda. Exhibit B is the Attendance Roster.

COMMITTEE MEMBERS PRESENT:

Senator James I. Gibson, Chairman
Senator Jean Ford, Vice Chairman
Senator Keith Ashworth
Senator Gene Echols
Senator Virgil Getto
Senator James Kosinski
Senator Sue Wagner

GUEST LEGISLATORS:

Senator Norman Glaser
Assemblyman John Marvel

STAFF MEMBERS PRESENT:

Anne L. Lage, Committee Secretary

SENATE BILL NO. 351

Directs submission of bond issue to finance certain projects for development of water resources.

Senator Glaser indicated that a similar bill had been introduced two years ago. He felt that there will be an increased need for additional water based recreation opportunities throughout the state.

It was explained that Elko County already had a room tax which is being held for development of dams for recreational use.

Section 8 of this bill would allow a general obligation bond election. Senator Glaser suggested that in addition to the 15 million that was requested, an additional 3 million be included for development of the sites.

Assemblyman John Marvel testified that preliminary work had been down on the Rock Creek Reservoir and this work was funded primarily by Lander and Eureka counties by their room taxes. He indicated that conservation of water was a main priority for use of this money.

Senator Getto voiced concern as to whether this bill would provide adequate protection for the downstream water users. Senator Glaser responded by stating that dams give better irrigation and control of the water.

Mr. Fred Weldon, Research Analyst, testified that he was a member of an interim study committee for dams and river projects. He presented the committee with part of this study which included potential dam sites. See Exhibit C. He stated that the subcommittee found a need for more dams in the future.

Mr. Roland Westergard, Director of the Department of Conservation and Natural Resources, testified that he was in support of this bill. He stated that this would allow better management of water. Any evaporation loss would be deducted from the water rights which had been obtained.

Mr. Jim Hawke, Nevada Division of Water Planning, testified that this legislation would provide for the development of Nevada's own resources. He also stated that other states have similar funding programs for dams and reservoirs. There was also the potential for hydro electric benefits which could help finance this project.

Mr. Warren Monroe, Project Manager for the Humboldt River Flood Control Project, testified that he was in support of Senate Bill No. 351. He presented this testimony to the committee. See Exhibit D.

Mr. Noel Clark, Director Department of Energy, testified in support of Senate Bill No. 351. He stated that this was an excellent opportunity to explore some of the small hydro capabilities around the state.

Mr. Clark referred the committee to page 3, line 14, and indicated that there should be "or" added to the end of the sentence. Also, on page 4, line 22, the word "power" should be "energy".

Mr. Roger Teglia, private citizen, was in support of this bill. He stated that flooding wastes water through evaporation. This would serve two purposes; (1) conservation of water and (2) provide recreation.

The committee did not take any action on this bill to allow for further consideration.

ASSEMBLY BILL NO. 92

Makes various amendments to charter of Carson City.

Mr. Donald Hataway, Carson City Manager, explained this bill section by section. He indicated that the Assembly had included two additional amendments which were acceptable to him.

Senator Wagner moved "Do Pass" on Assembly Bill No. 92.

Senator Ford seconded the motion.

The motion carried unanimously. (Senator Getto was absent for the vote.)

Chairman Gibson appointed Senator Ford to present this bill to the Senate floor.

SENATE BILL NO. 353

Requires issuance of certificate of appointment to person selected to fill vacancy in office of senator or assemblyman.

Senator Keith Ashworth testified that Senate Bill No. 353 was requested by the Secretary of State. It was a result of Senator Dodge's resignation. There was nothing in the law as to who should make the certificate of appointment naming the appointee. This bill states that the county of the largest population shall give the certificate to the appointee and send a copy of the certificate to the Secretary of State after the appointment has been made.

Senator Getto moved "Do Pass on Senate Bill No. 353.

Senator Ford seconded the motion.

The motion carried unanimously.

Chairman Gibson assigned Senator Keith Ashworth to present this bill to the Senate floor.

SENATE BILL NO. 364

Increases certain fees of county recorders.

Mr. Bryce Wilson, Nevada Association of Counties, testified that this increase was necessary due to the increase in recording to the counties. He stated that the last increase had been in 1967.

Mr. Joe Melcher, County Recorder for Washoe County, testified that he was in support of this bill.

Senator Wagner moved "Do Pass" on Senate Bill No. 364.

Senator Keith Ashworth seconded the motion.

The motion carried unanimously. (Senator Getto was absent for the vote.)

Chairman Gibson assigned Senator Wagner to present this bill to the Senate floor.

SENATE BILL NO. 163

Provides for urban subdistricts within water conservancy districts.

Mr. Louie Gardello, Washoe County citizen, testified that this bill was an amendment to the Carson Truckee Conservancy District. He explained that the waters of the Truckee River were controlled by three documents; (1) the Orr Ditch Decree which was finalized in 1944, (2) the Truckee River Agreement and (3) the laws of the state of Nevada.

The problem which exists is that there is no irrigation district. At one time there were 32 irrigation ditches. At the present time there are only 7.

Mr. Caesar Gaspari, Reno citizen, testified that he was a rancher on the end of the Orr Ditch system. He gave the

committee the history of the upkeep of the Orr Ditch system. He testified that very often the ditch is used as a dump by residents living adjacent to it.

Senator Kosinski expressed concern that taxpayers might be upset with having to pay taxes on a ditch which some would assume only benefits a handful of special interest people working in agriculture.

Mr. Gardello explained that the Orr Ditch system has two types of water rights: One is the diversion rights, 87 second feet; The second is the delivery rights, 63 second feet. It could deliver about 16,000 acre feet of water during the irrigation season. Its length is about 25 miles.

Mr. Roger Teglia, private citizen, gave further testimony relating to the Orr Ditch system. With the continuous development next to the ditches, people are building fences across and next to the ditch even though this is illegal. Mr. Teglia testified that if the ditch system was abandoned, there would not be any way the Truckee River could handle flood conditions in the Reno-Sparks area.

Mr. Teglia indicated that Mayor Bennett of Reno favored this bill, but objected to the method of selecting the directors.

Senator Kosinski inquired if the city and county commissioners had been invited to any meetings to discuss the ditch problems. Mr. Teglia stated that they had been invited, but had declined as they did not want to get involved.

Mr. Jim Hawke, Nevada Division of Water Planning, testifed that this bill was written in an attempt to provide some type of legislation which would help manage the Truckee Meadows water problems presently and in the future.

Mr. Claude Hunter, Civil Engineer and member of the Board of Directors of the Carson Truckee Conservancy District, testified that creating a sub-conservancy district under the Carson Truckee Conservancy District would be the best way to handle these problems as they have the ability to levy ad valorem taxes up to ten cents. Mr. Hunter interpreted

this to mean that the ten cents would be all encompassing. At present they are levying one mill of the ten cents.

Senator Kosinski requested that a letter be sent to the governing bodies of Reno, Sparks and Washoe county inviting them to participate with the Carson Truckee Conservancy District in a meeting on this particular issue. Senator Kosinski agreed to draft a letter to this effect.

SENATE BILL NO. 4

Establishes procedure for purchase and sale of real property by counties, cities and school districts for industrial development and housing.

Chairman Gibson explained that the committee had adopted an amendment to this bill. Mr. Ray Knisley testified on the amendments. He stated that the amended bill was compatible with the memo which Senator Keith Ashworth and he had submitted to the bill drafter's office.

Senator Keith Ashworth stated that he and Mr. Knisley met with two of the county commissioners from White Pine County and Mr. Michael Bourne and the amendments met with their approval.

Senator Ford pointed out that there were no provisions for establishing the agency of authority, specifically the number of members in the agency.

Senator K. Ashworth stated that on page 2, line 4, the word "development" should be changed to "plan". He had previously suggested this amendment but thought the bill drafters had forgotten to make that change.

Chairman Gibson asked the Ad Hoc committee to review the amended bill again and bring it back to the committee for further consideration.

SENATE BILL NO. 389

Imposes moratorium on incorporation of cities under general laws.

Chairman Gibson explained that there were two reasons for this bill. The MX subcommittee felt that if there were any new cities to be organized, it should be done under legislative review rather than going to the court and proceeding under the general law. This bill clarifies what a property owner is. Chairman Gibson indicated that this provision would self destruct in July, 1983 if it was decided that it should not be continued at that time.

Senator Keith Ashworth moved "Amend and Do Pass" on Senate Bill No. 389.

Senator Wagner seconded the motion.

The motion carried unanimously. (Senator Getto was absent for the vote.)

SENATE BILL NO. 232

Terminates certain licensing boards and removes requirement for license for certain business and professions.

Senator Kosinski discussed possible changes which might be considered in this bill. One would be to elaborate in the title just what was to be done. Also discussed was the possibility of leaving in the repealers and taking out all of the conforming sections. Mr. Frank Daykin implied that this would not be in keeping with past procedures.

Senator Ford suggested putting in the Nevada Revised Statutes, "Under sunset review" instead of effective July,1983.

Chairman Gibson suggested since these agencies were all on the authorized expenditure act, the bill might put in a provision stating that their budget could not be approved until the review was completed.

The committee agreed to give this bill further consideration.

ASSEMBLY BILL NO. 6

Makes certain changes relating to destruction of public records by clerk of court.

SENATE COMMITTEE ON
GOVERNMENT AFFAIRS
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Chairman Gibson read the amendments to this bill and it was decided that they were in accord with the committee's instructions.

BILL DRAFT REQUEST NO. 16-792 (S.B. 421)

Allows investment of surplus in certain offenders' funds.

The committee agreed to submit this bill draft request for committee introduction.

There being no further business, meeting was adjourned at 5:35 p.m.

Respectively submitted by:

Anne L. Lage

Anne L. Lage, Secretary

APPROVED BY:

James I. Gibson

Senator James I. Gibson, Chairman

DATE: March 24, 1981

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EXHIBIT A

REVISED 3/12/81

SENATE AGENDA

COMMITTEE MEETINGS

Committee on Government Affairs, Room 243.

Day Monday, Date March 16, Time 2:00 p.m.

S. B. No. 351--Directs submission of bond issue to finance certain projects for development of water resources.

Senator Glaser, Prime Sponsor
Roland Westergard, Department of Conservation

S. B. No. 353--Requires issuance of certificate of appointment to person selected to fill vacancy in office of senator or assemblyman.

Senator Keith Ashworth, Prime Sponsor

A. B. No. 92--Makes various amendments to charter of Carson City.

Assemblyman Glover, Prime Sponsor
Donald Hataway, City Manager

S. B. No. 364--Increases certain fees of county recorders.

Senator Jacobsen, Prime Sponsor
Bryce Wilson, Nevada Association of Counties

S. B. No. 163--Provides for urban subdistricts within water conservancy districts.

S. B. No. 389--Imposes moratorium on incorporation of cities under general laws.

ATTENDANCE ROSTER FORM

COMMITTEE MEETINGS

SENATE COMMITTEE ON GOVERNMENT AFFAIRS

DATE: 3/16/81

EXHIBIT B

PLEASE PRINT NAME	PLEASE PRINT PLEASE PRINT ORGANIZATION & ADDRESS	PLEASE PRINT TELEPHONE
Bill Burnaugh	Carson City Supervisor 813 N. Carson St C.C	882-5114
Donald Hataway	Carson City Manager – 813 N. Carson	" "
Richard Williams	Carson Cy Charter Comm Chrmn 2309 Glenn	8826363
Ken Ashworth	Gardnerville Nev	782-7680
Cindy Ashworth	" "	
Carol Emmerich	Las Vegas, Nev.	736-2839
James R. Wright	Washoe Co. Recorder Reno	785-4212
[illegible] Moore	Humboldt River Flood Control Project	738 5442
Paul Sawyer	— —	738-5366
[illegible]	Assemblyman	
James Hawke	NV. Div. of Water Planning	885-4887
Jack Warnecke	Carson City, Mayor Pro Tem	882 5114
[illegible]	Reno Truckee Meadows Water [illegible]	3220094
Caesar Gaspari	Reno Nev	852-7994
Joe Melcher	Washoe County Recorder Reno	785 42[illegible]2
Dale Porter	Elko - Humboldt River Project	738-5577
Noel A. Clark	Nev. Dept of Energy	885-5157
Kelly Jackson	Same	✓
Claude E Hunter	Civil Engineer PO Box 124 Reno 89504	323-5754

3. Issue - Dam siting and construction for water conservation and recreation.

Discussion:
In December of 1974, the U.S.D.A. Nevada River Basin Planning Team prepared a document entitled "Potential Nevada Reservoir Sites with Estimates of Major Uses." It includes potential sites listed by region and county, and acre-feet of potential water for such uses as irrigation, flood control, municipal and industrial, and recreation. The state engineer's office and University of Nevada-Reno division of agriculture and resource economics published in December of 1973 Water for Nevada, Report Number 7, " Water Related Recreation in Nevada, Present and Future." In this document, estimates of current and future water-based recreational activity and associated water requirements are provided. A discussion of economic value is also presented.

Although the subcommittee did not analyze the situation completely, it was evident that the state's general population growth and the population growth associated with the proposed MX missile system will necessitate construction of more dams in the future. The existing facilities will not be adequate to accommodate the needs. The subcommittee members also supported the concept that the reservoirs so created should be managed under a multiple-use philosophy with emphasis placed upon enhancing recreational opportunities, fisheries and water conservation. Although no effort was made to list potential dam sites in order of priority, the concensus of the subcommittee was that the Federal Government should develop additional water-based recreation facilities, especially in relationship to mitigating the impacts of the proposed MX missile system. ~~See page 28 for additional discussion of this topic~~.

4. Issue - Importation of water into the state.

Discussion:
The subcommittee received a considerable amount of testimony and information relative to the feasibility of importing water into the state. Between 1963 and 1967,

EXHIBIT I

(SCS) Prepared by USDA Nevada River Basin Planning Staff - April 1973
Revised - Dec. 1974

POTENTIAL NEVADA RESERVOIR SITES
with
Estimates of Major Uses
(Definitions - see page 6)

Map No.	Region, Area Number and Reservoir	County	Hydrographic Area	River or Stream	Storage Total Ac.Ft.	Storage Active Ac.Ft.	Maximum Surface Acres	Irrigation Ac. Ft.	Flood Control Ac.Ft.	M&I Ac.Ft	Recreation Ac. Ft.	Drainage Sq.Mi.	Agency	CNI W/S	Remarks
	NORTHWEST-III														
1	Poodle Mountain	Washoe	21	Poodle Canyon	210	210	20	210	-	-	-	8	SCS	10 -22	
2	Craine Creek	Humboldt	3	Craine Creek	1,000	800	80	600	-	-	200	50	SCS	10 - 9	
3	Sagebrush Creek	"	4	Sagebrush Cr.	1,000	800	80	300	200	-	300	48	"	10 - 5	
4	Badger Creek	Washoe	16	Badger Creek	1,500	1,200	110	800	200	-	200	50	"	10 -17	
5	Bittner	"	7	Badger Creek	2,000	1,700	160	1,300	400	-	-	65	"	10 - 5	
6	Coleman Valley	"	11	Cottonwood Cr.	500	400	52	350	50	-	-	42	"	12 - 6	
7	Little Bally	"	13	Unnamed	500	450	36	450	-	-	-	10	"	12 - 5	
8	Little Holy Lake	"	14	"	1,000	800	130	600	200	-	-	6	"	12 - 7	
9	Rinehart	"	14	"	500	450	37	450	-	-	-	8	"	10 -11	
10	Tuledad	"	16	Tuledad Creek	7,315	7,000	630	3,400	2,000	-	1,600	65	"	10 -20	
10a	~~Hill Dam~~	~~Washoe~~	~~9~~	~~Unnamed Creek~~	~~172~~	~~172~~	~~10~~	~~172~~	-	-	-	1	"	~~10 -11~~	~~Being built~~
	Subtotal				15,697	13,772	1,351	8,422	3,050		2,300				
	BLACK ROCK DESERT-III														
11	Ft.McDermitt Indian	Humboldt	33B	E.Fork Quinn	-	-	50	-	-	-	-	-	BIA	10a - 7	Watershed Appli.
12	Ft.McDermitt	"	"	" "	9,500	6,700	1,320	2,000	3,000	-	1,700	140	SCS	10a - 7	" "
13	Mc. Dermitt Creek	"	"	Mc.Dermitt Cr.	12,900	8,400	1,760	3,000	3,000	-	2,400	224	"	10a - 5	Watershed Appli.
14	Sentinel Rock	"	33A	Crowley Cr.	7,300	6,200	1,030	2,000	2,000	-	2,200	105	"	10a - 8	
15	Soldier Meadows	"	26	Soldier Creek	500	450	40	450	-	-	-	60	"	10 -15	
16	Buffalo Slough	Washoe	21	Buffalo Slough	12,500	8,500	1,700	4,000	-	-	4,500	200	"	10 -21	
17	Clover Creek	"	25	Clover Creek	800	700	70	600	100	-	-	22	"	10 -18	
18	Devils Slide	"	24	Red Mtn. Creek	425	291	19	-	291	-	-	35	"	10 - 1	Watershed Appli.
19	Dolly Varden	"	24	" " "	1,000	1,000	85	857	143	-	-	12	"	10 - 1	" "
20	High Rock Canyon	"	25	High Rock Cr.	3,300	2,140	321	-	-	-	2,140	326		10 -14	
21	Lower Squaw Creek	"	21	Squaw Creek	1,500	1,200	75	800	-	-	400	90	"	10 -22	
22	Nigger Creek	"	24	Nigger Creek	400	350	35	150	200	-	-	40	"	10 - 1	Watershed Appli.
23	Red Mountain	"	24	Red Mtn. Cr.	518	356	18	-	356	-	-	43	"	10 - 1	Watershed Appli.
24	South Willow Creek	"	24	S.Willow Cr.	300	156	37	-	156	-	-	41	"	10 - 1	" "
25	Smoke Creek	"	21	Smoke Creek	5,790	2,160	143	660	1,000	-	500	242	"	10 -23	
	Subtotal				56,773	38,603	6,703	14,517	10,246	0	13,840				
	SNAKE RIVER-IV														
26	Bruneau River	Elko	38	Bruneau River	2,500	2,430	275	1,730	70	-	700	92	SCS	14n -14	Watershed Appli.
27	Independence	"	35	S.F.Owyhee R.	NA	NA	1,000	-	-	-	NA	NA	NDFG	1401-10	
28	Owyhee (S. Fork)	"	35	" "	NA	NA	3,000	-	-	-	NA	NA	"	1401-6	
29	Rizzi Ranch Res.	"	37	Alleghany Cr.	240	240	15	240	-	-	-	16	"	1401(6)4	
30	Jack Creek	"	36	Jack Creek	480	480	60	100	100	-	280	31	"	1401-10	

POTENTIAL NEVADA RESERVOIR SITES
with
Estimates of Major Uses

Map No.	Region, Area Number and Reservoir	County	Hydrographic Area	River or Stream	Storage Total Ac.Ft.	Storage Active Ac.Ft.	Maximum Surface Acres	Irrigation Ac. Ft.	Flood Control Ac.Ft.	M&I Ac.Ft.	Recreation Ac. Ft.	Drainage Sq. Mi.	Agency	CNI W/S	Remarks
	SNAKE RIVER (cont.)														
31	Little Goose Cr.	Elko	41	Little Goose Cr	4,580	4,000	265	4,000	-	-	-	67	SCS	14h-1	
31a	Goose Creek	Elko	41	Goose Creek	2,245	2,000	150	1,500	500	-	-	180	SCS	14h - 2	
32	Camp Creek	"	40	Camp Creek	470	400	28	220	100	-	80	50	"	14i - 8	Watershed Appli.
33	Cottonwood Creek	"	40	Cottonwood Cr.	1,380	1,300	100	1,000	300	-	-	58	"	" "	" "
34	*Gully Ranch Res.	"	40	N.F.Salmon Falls	1,430	1,430	140	1,430	-	-	-	27	"	14i-1	
35	N.Fk. Salmon Falls	"	40	N.Fk.Sal.F.Cr.	2,490	2,100	62	1,500	600	-	-	200	"	14i - 1	
	Subtotal				19,035	17,300	5,128	13,720	2,570	0					
	HUMBOLDT RIVER														
36	Antelope Creek	Elko	62	Antelope Cr.	10,200	7,200	1,420	3,000	3,000	-	1,200	150	SCS	8b - 4	
37	Burnt Creek	"	42	Burnt Creek	100	100	15	100	-	-	-	50	"	8b -14	Watershed Appli.
38	Corral Creek	"	47	Corral Creek	2,400	2,000	340	400	1,000	-	600	50	"	8b2- 2	
39	Devils Gate	"	44	N.F.Humboldt	80,000	75,000	1,640	40,000	30,000	-	5,000	878	CE	8b1- 1	
40	Dixie Creek	"	48	Dixie Creek	12,500	8,500	1,700	3,000	3,000	-	2,500	200	SCS	8b2- 1	
41	Ferdelford Creek	"	53	Ferdelford Cr.	4,700	3,700	660	1,700	1,500	-	500	50	"	8b3- 1	
42	Hylton	"	48	S.F.Humboldt	120,000	10,000	3,750	80,000	20,000	-	10,000	930	CE	8b2- 3	
43	Kittridge	"	49	Kittridge Cr.	344	304	15	-	93	106	106	5	SCS	8b - 8	
44	Maggie Creek	"	51	Maggie Creek	4,000	3,600	500	2,500	1,100	-	-	150	"	8b - 6	Watershed Appli.
45	Marys River	"	42	Marys River	2,460	2,200	100	1,200	1,000	-	-	90	"	8b -13	
46	Pie Creek	"	44	Pie Creek	15,600	9,600	1,500	3,500	4,500	-	1,600	300	"	8b1- 2	
47	Quilici Ranch	"	42	Unnamed Cr.	50	50	8	50	-	-	-	10	"	8b -11	Watershed Appli.
48	Secret Creek	"	43	Secret Creek	4,000	3,200	560	2,000	400	-	800	40	"	8b -10	
49	Susie Creek #1	"	50	Susie Creek	6,500	4,700	510	2,000	2,000	-	700	220	"	8b - 7	Watershed Appli.
50	Susie Creek #2	"	50	Susie Creek	300	300	12	300	-	-	-	20	"	8b - 7	
51	Tabor Creek	"	42	Tabor Creek	100	100	10	100	-	-	-	30	"	8b -12	
52	Upper Rock Creek	"	63	Rock Creek	7,100	5,300	990	2,500	2,000	-	800	90	"	8b - 4	
53	Vista	"	42	Marys River	50,000	45,000	2,440	25,000	15,000	-	5,000	373	CE	8b -12	
54	Wildcat Creek	"	42	Wildcat Creek	50	50	10	50	-	-	-	15	SCS	8b -13	
~~54a~~	~~Gibbs Ranch~~	~~"~~	~~42~~	~~Hot Creek~~	~~400~~	~~400~~	~~16~~	~~400~~	~~-~~	~~-~~	~~-~~	~~7~~	~~"~~	~~8b -13~~	~~Being Built~~
55	Boulder Creek	Eureka	61	Boulder Creek	200	200	23	200	-	-	-	150	"	8b - 4	
56	Lower Maggie Cr.	"	51	Maggie Creek	5,000	4,600	530	3,000	1,000	-	600	345	"	8b - 6	Watershed Appli.
57	Frenchie Creek	"	54	Frenchie Cr.	30	30	6	30	-	-	-	10	"	8b - 3	
58	Henderson Creek	"	53	Henderson Cr.	300	300	15	300	-	-	-	75	"	8b3- 3	
59	Henderson Creek	"	53	Henderson Cr.	30	30	5	30	-	-	-	15	"	8b3- 3	
60	Hot Creek	"	53	Hot Creek	50	50	10	50	-	-	-	20	"	8b3- 1	
61	Tonkin(enlargement)	"	53	Denay Creek	490	320	36	260	-	-	60	16	"	8b3- 4	
62	Trout Creek	Elko	53	Trout Creek	100	100	12	100	-	-	-	40	"	8b3- 1	
~~63~~	~~Chimney~~	~~Humboldt~~	~~67~~	~~L. Humboldt~~	~~35,000~~	~~30,000~~	~~2,000~~	~~22,000~~	~~6,000~~	~~-~~	~~2,000~~	~~790~~	~~Private~~	~~8b6-4~~	~~Being built~~
64	Evans Creek	"	64	Evans Creek	300	300	35	300	-	-	-	200	SCS	8b - 3	
65	Greeley Flat	"	67	N.F.L.Humboldt	12,500	7,500	700	3,500	3,000	-	1,000	120	"	8b6- 4	

* (offstream)

POTENTIAL NEVADA RESERVOIR SITES
with
Estimates of Major Uses

Map No.	Region, Area Number and Reservoir	County	Hydrographic Area	River or Stream	Storage Total Ac.Ft.	Storage Active Ac.Ft.	Maximum Surface Acres	Irrigation Ac. Ft.	Flood Control Ac.Ft.	M&I Ac.Ft	Recreation Ac. Ft.	Drainage Sq.Mi.	Agency	CNI W/S	Remarks
	HUMBOLDT RIVER (Cont.)														
66	Hardscrabble	Humboldt	68	Martin Creek	2,000	1,600	150	1,000	400	-	200	108	SCS	8b6- 2	
67	Harmony Creek	"	71	Harmony Creek	50	50	9	-	50	-	-	20	"	8b - 5	
68	Hot Springs	"	69	L.Humboldt Riv.	14,000	12,000	1,780	1,000	7,000	-	4,000	1,030	CE	8b6- 3	
69	Huntington Creek	Elko	47	Huntington Cr.	16,600	10,200	730	6,000	3,000	-	1,200	780	SCS	8b2- 4	
70	Kelley Creek	Humboldt	66	Kelley Creek	50	50	10	50	-	-	-	50	SCS	8b - 3	
71	Latons Springs	"	67	S.F.L.Humboldt	10,800	10,100	700	6,000	3,000	-	1,100	495	CE	8b6- 3	
72	Pole Creek	"	70	Pole Creek	500	400	80	400	-	-	-	40	SCS	8b - 5	
73	Sugar Loaf	"	69	Martin Creek	10,700	7,300	650	4,000	2,500	-	800	172	SCS	8b6- 2	
74	Water Canyon	"	71	Water Canyon	410	360	38	-	300	-	60	6	"	8b - 4	Watershed Appli.
75	Antelope Valley	Lander	57	Gilbert Creek	12,600	8,200	1,700	-	8,200	-	-	220	"	8b5- 7	
76	Big Creek	"	56	Big Creek	160	150	15	150	-	-	-	20	"	8b5- 1	
77	Boone Creek	"	56	Boone Creek	4,000	3,200	560	2,200	500	-	500	40	"	8b5- 1	
78	Cain Creek	"	57	Cain Creek	14,300	9,300	1,900	-	9,300	-	-	470	CE	8b5- 7	
79	Cottonwood Creek	"	56	Cottonwood Cr.	76	76	10	76	-	-	-	25	SCS	8b5- 1	
80	Home Ranch	"	59	Horse Canyon	50	50	8	50	-	-	-	10	"	8b5- 4	
81	Indian Creek	"	54	Indian Creek	100	100	9	100	-	-	-	40	"	8b - 3	
82	Italian Canyon	"	56	Italian Creek	200	190	15	190	-	-	-	20	"	8b5- 1	
83	Knox Creek	"	56	Knox Creek	50	50	8	50	-	-	-	20	"	8b5- 1	
84	Mill Creek	"	59	Mill Creek	75	75	10	75	-	-	-	30	"	8b5- 5	
85	Moss Creek	"	58	Moss Creek	3,320	2,800	270	2,000	800	-	-	18	"	8b5- 5	
86	Rock Creek	"	62	Rock Creek	80,000	72,000	3,500	25,000	20,000	-	27,000	815	CE	8b -16	
87	Silver Creek	"	56	Silver Creek	330	300	35	300	-	-	-	20	SCS		
88	Reese Indian Creek	Nye	56	Indian Creek	3,000	2,600	400	2,000	600	-	-	100	"	8b5- 2	
89	Upper Reese	"	56	Reese River	1,400	1,400	150	900	500	-	-	60	"	"	
90	Yomba	"	56	" "	3,700	3,500	300	1,000	1,500	-	1,000	150	"	"	
91	Clear Creek	Pershing	71	Clear Creek	2,400	2,200	280	1,000	1,200	-	-	20	"	8b - 5	
92	North Shipp	"	73	Unnamed	592	447	135	-	447	-	-	14	"	8b - 2	Watershed Appli.
93	Raspberry	"	72	Raspberry Cr.	200	180	18	-	120	-	60	12	"	8b - 3	
94	Sonoma	"	71	Sonoma Cr.	3,300	2,700	300	1,800	900	-	-	30	"	8b - 5	
95	Section 8	"	73	Unnamed	1,098	518	118	-	518	-	-	38	"	8b - 2	Watershed Appli.
	Subtotals				560,865	476,830	35,140	252,511	155,428	106	69,014				
	TRUCKEE RIVER - II														
	Nevada														
96	Edgewood Creek	Douglas	90	Edgewood Creek	1,400	1,317	45	-		-	208	5	SCS		
97	Biddleman #2	Storey	83	Unnamed	570	458	42	-	458	-	-	9	"		1,000AF Avail.
98	" #3	"	"	"	3,560	2,860	85	-	2,860	-	-	54	"		4,000AF "

POTENTIAL NEVADA RESERVOIR SITES
with
Estimates of Major Uses

Map No.	Region, Area Number and Reservoir	County	Hydrographic Area	River or Stream	Storage Total Ac.Ft.	Storage Active Ac. Ft.	Maximum Surface Acres	Irrigation Ac. Ft.	Flood Control Ac.Ft.	M&I Ac.Ft.	Recreation Ac. Ft.	Drainage Sq.Mi.	Agency	CNI W/S	Remarks
	TRUCKEE RIVER (cont.)														
99	Biddleman # 4	Storey	83	Unnamed	410	410	54	-	410	-	-	63	SCS	9a - 8	4,000+ Acre Feet
100	Long Valley	"	87	Long Valley Cr.	6,390	5,210	220	-	5,010	-	200	98	"	"	
101	#1	Washoe	86	Sun Valley	1,500	1,440	63	-	940	-	500	10	"	9a - 4	1,000+AF Avail.
102	#2	"	87	Skyline Wash	126	106	8	-	106	-	-	1	"	9a - 9	
103	#2a	"	88	Galena Creek	1,300	1,200	78	-	1,200	-	-	14	"	9a -12	
104	#3	"	"	Golf Course W.	164	138	7	-	138	-	-	1	"	9a - 9	
105	#4	"	"	Evans Creek	910	790	42	-	640	-	150	9	"	"	100+ AF Avail.
106	#5	"	"	Lone Tree Wash	259	218	7	-	218	-	-	2	"	"	
107	#6	"	"	Junkyard Wash	380	320	11	-	320	-	-	3	"	"	
108	#7	"	"	Dry Creek	621	578	17	-	578	-	-	2	"	"	
109	#9	"	"	"	479	403	14	-	403	-	-	4	"	"	
110	#9a	"	90	Incline Creek	400	375	18	-	175	-	200	2	"	9a -16	200+ AF Avail.
111	#10	"	87	Thomas Creek	782	603	40	-	603	-	-	9	"	9a - 9	
112	#10a	"	90	Third Creek	225	214	13	-	114	-	100	1	"	9a -16	
113	#11	"	87	Whites Creek	1,465	1,350	38	-	1,200	-	150	8	"	9a - 9	1,000+ AF Avail.
114	#11a	"	90	Second Creek	124	100	5	-	100	-	-	1	"	9a -16	
115	#12	"	87	Whites Creek	500	460	29	-	380	-	80	3	"	9a - 9	
116	#12a	"	90	Third & Ophir	635	565	24	-	365	-	200	3	"	9a -13	800+ AF Avail.
117	#13	"	87	Alum Creek	810	730	37	-	430	-	300	4	"	9a - 9	
118	#14	"	87	Bailey Canyon	1,612	1,357	39	-	1,357	-	-	13	"	"	300+ AF Avail.
119	Browns Creek	"	88	Browns Creek	800	714	25	714	-	-	-	5	"	9a -13	Not evaluated
120	Bull Ranch	"	91	Bull Ranch Cr.	102	102	5	-	102	-	-	5	"	9a -14	
121	Evans Cr. (Bl.N)	"	87	Evans Creek	684	626	27	-	424	-	202	4	"	9a -10	W/S Application
122	Franktown Creek	"	89	Franktown Cr.	2,000	1,863	160	-	1,463	-	400	14	"	9a -13	1,000+ AF AVail.
123	Huffaker Hills	"	87	Steamboat Cr.	17,000	17,000	1,850	-	17,000	-	-	183	CE	9a - 9	
124	Jumbo Creek	"	89	Jumbo Creek	800	724	23	-	724	-	-	5	SCS	9a -13	1,000+ AF Avail.
125	Lawton	"	91	Truckee River	35,000	35,000	890	-	35,000	-	-	1,100	CE	9a -14	
125a	Verdi	"	91	Truckee River	37,000	37,000	720	-	35,000	-	2,000	1,070	CE	9a -14	
126	Ophir Creek	"	89	Ophir Creek	640	560	16	-	430	-	130	4	SCS	9a -13	
127	West Peavine	"	87	Unnamed Wash	520	438	26	-	438	-	-	4	"	9a -14	
	Subtotal				119,178	15,229	4,488	714	109,695		4,820				
	California														
	Bear Creek	Placer	-	Bear Creek	1,090	1,070	52	-	1,070	-	-	5	SCS	-	1,000+ AF Avail
	Billy Mack	Nevada	-	Billy Mack Cr.	774	718	60	-	718	-	-	3	"	-	
	Blackwood	Placer	-	Blackwood Creek	2,186	2,130	100	-	2,000	-	130	9	"	-	
	Broncho	Nevada	-	Broncho Creek	300	300	8	-	210	-	90	14	"	-	500+ AF Avail.
	Burton	Placer	-	Burton Creek	921	876	24	-	476	100	300	5	"	-	1,000+ AF Avail

POTENTIAL NEVADA RESERVOIR SITES
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	California (Cont.)														
	Cold Stream Valley	Placer	-	Cold Creek	1,615	1,477	56	-	1,477	-	-	7	SCS	-	
	Deep Creek	"	-	Deep Creek	775	750	19	-	750	-	-	6	"	-	100+ AF Avail.
	Dog Valley	Sierra	-	Dog Creek	281	281	29	-	81	-	200	16	"	-	
	Griff Creek #1	Placer	-	E.Fr.Griff Cr.	139	127	8	-	127	-	-	1	"	-	
	Griff Creek #2	"	-	W.Fr.Griff Cr.	436	411	12	-	261	-	150	2	"	-	
	Gray Creek	Nevada	-	Gray Creek	600	600	15	-	260	-	340	17	"	-	2,000+ AF Avail.
	Heavenly Valley	Eldorado	-	Heavenly V.Cr.	850	814	70	-	640	-	174	3	"	-	
	Juniper Creek	Nevada	-	Juniper Creek	380	370	38	-	-	-	370	2	"	-	250+ AF Avail.
	Lower Cold Creek	Eldorado	-	Cold Creek	800	762	25	-	662	-	100	11	"	-	
	Upper Cold Creek	"	-	" "	1,900	1,854	80	-	1,610	-	244	8	"	-	
	Lower Trout Creek	"	-	Trout Creek	1,500	1,437	150	-	1,118	-	319	35	"	-	400+ AF Avail.
	Upper Trout Creek	"	-	Trout Creek	4,500	4,386	200	-	4,029	-	357	19	"	-	1,000+ AF Avail.
	Meadow Creek	"	-	Meadow Creek	1,092	1,066	65	-	916	-	150	4	"	-	400+ AF Avail.
	Meeks Creek	"	-	Meeks Creek	2,260	2,250	70	-	450	1,300	500	6	"	-	700+ AF Avail.
	Pole Creek	Placer	-	Pole Creek	647	635	15	-	635	-	-	3	"	-	500+ AF Avail.
	Silver Creek	"	-	Silver Creek	333	326	9	-	326	-	-	2	"	-	600+ AF Avail.
	Truckee Marsh	Eldorado	-	Upper Truckee and Trout Cr.	600	600	275	-	600	-	-	95	"	-	400+ AF Avail.
	Upper Truckee	"	-	U.Truckee Rvr.	2,905	2,833	80	-	2,533	-	300	12	"	-	
	Ward Creek	Placer	-	Ward Creek	2,618	2,552	83	-	2,382	-	170	11	"	-	400+ AF Avail.
	Subtotal				29,502	28,625	1,543	0	23,331	1,400	3,894				
	TRUCKEE TOTALS				148,680	143,854	6,031	714	133,036	1,400	8,714				
	WESTERN - II														
128	Skedaddle Creek	Washoe	98	Skedaddle Cr.	500	460	40	-	210	-	250	32	SCS	11 - 3	
	WESTERN TOTALS				500	460	40	0	210	0	250				
	CARSON--Nevada - II														
129	Ash-Kings Canyon	Carson C.	104	Ash Creek	870	670	73	-	670	-	-	12	SCS		W/S Application
130	Watashemeau	Douglas	105	E.Fr.Carson R.	160,000	130,000	1,680	120,000	85,000*	-	63,000	372	USBR	8a - 7	
131	Kings Canyon	Carson C.	104	Kings Creek	750	679	19	-	305	374	-	4	SCS	"	W/S Application
132	Paulte Res.	Churchill	101	Carson River Off Stream	4,000	4,000	900	-	-	-	4,000**	-	USBR	8a - 2	

*When needed
**Fish & Wildlife

POTENTIAL NEVADA RESERVOIR SITES
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	CARSON - Nevada, Contd.														
133	Eldorado Canyon	Lyon	103	Eldorado Creek	7,150	6,000	750	800	4,200	-	1,000	53	SCS	8a-6	Max. potential
~~134~~	~~Eldorado Canyon~~	~~Lyon~~	~~103~~	~~Eldorado Creek~~	~~570~~	~~570~~	~~25~~	~~570~~				~~53~~	~~SCS~~	~~8a-6~~	~~Being Built~~
135	Brunswick Canyon	Lyon	103	Carson River	64,000	59,000	805	35,000	19,000	-	5,000	973	USBR	8a-4	
136	Ramsey Wash	Lyon	102	Ramsey Wash	2,300	2,100	115	-	2,100	-	-	49	SCS	8a-1	
137	Six Mile Canyon	Storey	103	Six Mile Canyon	4,110	3,840	77	-	3,840	-	-	24	SCS	8a-4	
138	Gold Canyon	Lyon	103	Gold Canyon	2,520	2,240	54	-	2,240	-	-	14	SCS	8a-4	
139	Clear Creek	Douglas	104	Clear Creek	3,180	2,936	100	-	2,275	-	661	12	SCS	8a-8	Effluent Stor. or dilution
140	Bennett Canyon	Douglas	105	Unnamed Creek	240	200	8	-	60	140	-	2	SCS	8a-8	Effluent Stor.
141	Buckeye Creek	Douglas	105	Buckeye Creek	4,800	3,572	96	-	3,274	-	298	61	SCS	8a-7	Effluent Stor. or dilution.
142	Pine Nut Creek	Douglas	105	Pine Nut Creek	1,820	1,720	60	-	1,420	300	-	40	SCS	8a-7	Effluent Stor.
143	Pine Flat	Douglas	105	Unnamed Creek	520	492	13	-	236	256	-	2	SCS	8a-8	Effluent Stor.
	Subtotal				256,830	218,019	4,775	136,370	124,620	1070	73,959				

NOTE: Information developed on a reconnaissance level, and, in many cases, does not fully consider hydrologic or geologic conditions. Therefore, detailed on-site investigations will be required before actual construction.

DEFINITIONS

Storage, active - Total storage minus sediment pool
M&I - May be for any M&I use, including effluent storage
Agency - Agency who would probably provide leadership in planning and construction
- SCS - Soil Conservation Service
- BIA - Bureau of Indian Affairs
- NDFG - Nevada Dept. of Fish and Game
- CE - Corps of Engineers
- USBR - U. S. Bureau of Reclamation
- WRID - Walker River Irrigation District

CNI W/S - USDA Conservation Needs Inventory Watershed Number
NA - Data not available

Data Provided By - Nevada Division of Water Resources, Soil Conservation Service, Forest Service, Corps of Engineers, Bureau of Reclamation, Nevada Dept. of Fish and Game, Bureau of Land Management, Bureau of Indian Affairs

POTENTIAL NEVADA RESERVOIR SITES
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Estimates of Major Uses

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	CARSON (Contd)														
	California														
	Bagley Valley	Alpine	-	E.Fr. Carson R.	12,836	10,836	300	-	10,836	-**	-	115	SCS	-	
	Hope Valley	Alpine	-	W.Fr. Carson R.	100,000	100,000	1,955	65,500	20,000*	35,000	80,000	50	USBR	-	
	Mt. Bullion	Alpine	-	E.Fr. Carson R.	20,000	12,500	250	-	12,500	-	-	208	SCS	-	
	Pleasant Valley	Alpine	-	Pl. Valley Cr.	3,526	3,280	110	-	3,280	-	-	25	SCS	-	
	Subtotal				136,362	126,616	2,615	65,500	46,616	35,000	80,000				
	CARSON TOTALS				193,192	344,635	7,390	221,370	108,236	36,070	153,959				
	WALKER - I														
	Nevada														
144	Hoye Canyon	Douglas	106	W.Walker River	75,000	75,000	6,200	75,000	10,000	-	10,000	460	USBR	7a2-4	
145	Dalzell Canyon	Lyon	107	Dalzell Wash	7,600	5,600	720	4,600	1,000	-	-	100	SCS	7a2-1	
146	Desert Creek	Lyon	107	Desert Cr.	1,000	900	70	-	600	-	300	50	SCS	7a2-1	
147	Hudson	Lyon	107	W. Walker R.	42,200	40,000	600	35,000	5,000	-	-	1,000	WRID	7a2-1	
148	Moore Lake	Lyon	107	Saroni Canal	275	275	28	-	-	-	275	off str.	SCS	7a2-1	
149	Ravenal	Lyon	107	E. Walker R.	40,000	38,000	2,000	26,000	12,000	-	-	525	WRID	7a1-1	
150	Pumpkin Hollow #1	Lyon	108	P. Hollow Wash	700	460	70	-	460	-	-	18	SCS	7a-4	Watershed Appli.
151	Pumpkin Hollow #2	Lyon	108	P. Hollow Wash	1,400	800	95	-	800	-	-	44	SCS	7a-4	Watershed Appli.
152	Strosnider	Lyon	108	E. Walker R.	46,000	40,000	750	30,000	10,000	-	-	1,100	WRID	7a1-2	
153	Alum Canyon	Mineral	110	Alum Cr.	1,320	1,100	92	-	1,100	-	-	10	SCS	7-1	
154	Cory Canyon	Mineral	110	Cory Creek	2,800	2,300	196	-	1,500	800	-	25	SCS	7-1	
155	Little Squaw Creek	Mineral	110	Little Squaw Cr	1,920	1,600	135	-	1,200	400	-	15	SCS	7-1	
156	North Canyon	Mineral	110	North Creek	1,320	1,100	90	-	1,100	-	-	10	SCS	7a1-3	
157	Rough Creek	Mineral	109	Rough Creek	200	200	20	200	-	-	-	70	SCS	7a1-3	
	Subtotal				221,735	207,335	11,066	170,800	44,760	1,200	10,575				
	California														
	Leavitt Meadows	Mono	-	W. Walker R.	25,000	24,600	550	13,000	11,600	-	-	73	SCS	-	
	Pickle Meadows	Mono	-	W. Walker R.	110,000	100,000	1,550	100,000	100,000*	-	-	115	USBR	-	
	Willow Flat	Mono	-	Little Walker R	18,000	17,910	226	17,000	910	-	-	15	SCS	-	
	Subtotal				153,000	142,510	2,326	130,000	112,510	0	0				
	WALKER TOTALS				374,735	349,845	13,392	300,800	157,270	1,200	10,575				
	CENTRAL - IV														
158	Eastgate	Churchill	127	Eastgate Cr.	10,200	7,200	1,400	-	5,000	-	2,200	55	SCS	8a1-3	
158a	Hare Canyon	Churchill	128	Hare Canyon Cr	50	50	10	50	-	-	-	20	SCS	8a1-2	
159	Middle Gate	Churchill	126	Bench Cr.	12,500	8,500	1,700	-	7,500	-	1,000	60	SCS	8a1-2	

*when needed
**estimated capacity to regulate for M&I

POTENTIAL NEVADA RESERVOIR SITES
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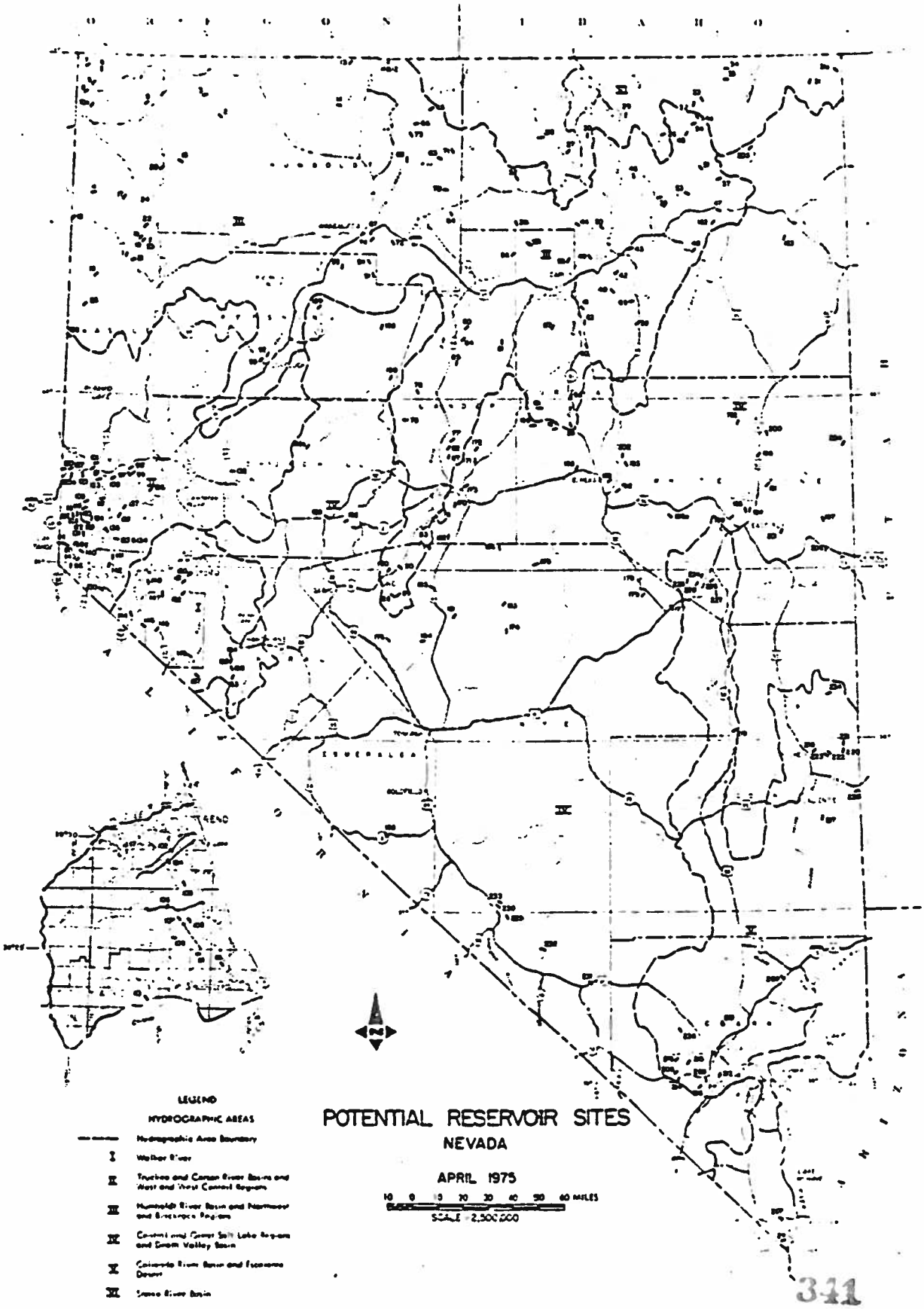
	CENTRAL (cont.)														
~~160~~	~~Lovell Canyon~~	~~Clark~~	~~162~~	~~Lovell Wash~~	~~4,700~~	~~3,700~~	~~660~~		~~700~~		~~3,000~~	~~50~~	~~SCS~~	~~Colo-8~~	
~~161~~	~~Wheeler Wash~~	~~Clark~~	~~162~~	~~Wheeler Wash~~	~~6,700~~	~~5,100~~	~~990~~		~~5,000~~		~~2,100~~	~~80~~	~~SCS~~	~~GR-0-2~~	
162	Angel Creek	Elko	177	Angel Creek	50	50	10	50	-	-	-	10	SCS	16-1	
163	Johnson Ranch	Elko	187	Springs	30	30	6	30	-	-	-	10	SCS	1d-11	
~~164~~	~~Leidy Creek~~	~~Esmeralda~~	~~117~~	~~Leidy Creek~~	~~10~~	~~10~~	~~2~~	~~10~~				~~off str.~~	~~SCS~~	~~GR-0-3~~	
165	Lida Creek	Esmeralda	144	Lida Creek	100	100	12	100	-	-	-	70	SCS	GR-0-7	
166	Hay Ranch	Eureka	139	Devil's Gate	3,000	2,600	250	-	2,600	-	-	1,200	CE	18-2	
167	Roberts Creek	Eureka	139	Roberts Creek	320	300	16	100	-	-	200	35	SCS	18-2	
168	Simpson Creek	Eureka	151	Simpson Creek	177	177	10	177	-	-	-	70	SCS	18-7	
169	Three Bar	Eureka	139	Coils Creek	150	150	12	150	-	-	-	70	SCS	18-1	
170	Birch Creek	Lander	137B	Birch Creek	100	100	10	-	-	-	100	35	NDFG	19-3	
171	Callaghan Ranch	Lander	138	Callaghan Cr.	50	50	10	50	-	-	-	10	SCS	19-3	
172	Skull Creek	Lander	138	Skull Creek	195	180	20	180	-	-	-	20	SCS	19-3	
173	Willow Creek	Lander	137B	Willow Creek	200	180	20	180	-	-	-	20	SCS	19-3	
174	Barley Creek	Nye	140B	Barley Creek	100	100	10	100	-	-	-	35	SCS	18-2	
175	Martin Ranch	Nye	151	Copenhagen Can	50	50	10	50	-	-	-	20	SCS		
176	Cloverdale Ranch	Nye	137A	Cloverdale Cr.	5,900	4,500	830	1,000	1,500	-	2,000	70	SCS	19-1	
177	Currant	Nye	173B	Currant Creek	4,000	3,200	560	1,000	1,200	-	1,000	40	SCS	20-3	
178	Duckwater #1	Nye	173B	Duckwater Cr.	2,000	1,800	200	1,800	-	-	-	115	BLM	20-4	Watershed Appli
179	Duckwater #2	Nye	173B	Duckwater Cr.	11,300	7,700	1,550	-	7,700	-	-	180	SCS	20-4	Watershed Appli
180	Idlewild	Nye	135	Idlewild Cr.	38	38	4	38	-	-	-	10	SCS	8a1-1	
181	Jefferson Canyon	Nye	137B	Jefferson Cr.	650	600	56	-	500	-	100	40	SCS	19-2	Watershed Appli
182	Kingston	Lander	137B	Kingston Cr.	250	250	40	-	-	-	250	30	SCS	19-3	
183	Mosquito	Nye	140B	Mosquito Cr.	75	75	10	75	-	-	-	35	SCS	18-2	
184	Peavine Creek	Nye	137A	Peavine Creek	200	200	45	125	-	-	75	100	SCS	19-4	
185	S. Twin River	Nye	137B	S. Twin River	200	200	40	140	-	-	60	40	SCS	19-2	
186	Stoneberger	Nye	140A	Stoneberger Cr.	217	217	19	120	-	-	97	50	SCS	18-2	
~~187~~	~~Buena Vista~~	~~Pershing~~	~~129~~	~~Buena Vista Cr.~~	~~2,400~~	~~2,000~~	~~340~~	~~800~~	~~1,200~~			~~20~~	~~SCS~~	~~8a1-2~~	
188	Pearce Ranch	Pershing	130	Pleasant Valley	20	20	5	20	-	-	-	3	SCS	8a1-2	
189	Star Creek	Pershing	129	Star Creek	1,900	1,600	270	700	900	-	-	15	SCS	8a1-2	
190	Storm Canyon	Pershing	132	Jersey Valley	30	30	6	30	-	-	-	15	SCS	8a1-2	
191	Duck Creek	White Pine	179	Duck Creek	8,400	6,100	1,160	-	1,700	1,200	3,200	115	SCS	1d-2	
192	Egan	White Pine	179	Egan Creek	148	148	10	148	-	-	-	75	SCS	1d-5	
193	Eldridge Ranch	White Pine	154	Springs	20	20	5	20	-	-	-	3	SCS	17-3	
194	Gleason Creek	White Pine	179	Gleason Cr.	1,500	1,300	105	-	1,300	-	-	7	CE	1d-3	Watershed Appli
195	Hercules Gap	White Pine	179	Smith Creek	300	280	30	-	-	80	200	38	SCS	1d-5	
196	Illipah Creek	White Pine	174	Illipah Creek	700	700	100	700	-	-	-	30	SCS	14b2-20	

POTENTIAL NEVADA RESERVOIR SITES
with
Estimates of Major Uses

Map No.	Region, Area Number and Reservoirs	County	Hydro-graphic Area	River or Stream	Storage Total Ac.Ft.	Storage Active Ac.Ft.	Maximum Surface Acres	Irrigation Ac.Ft.	Flood Control Ac.Ft.	M&I	Recreation Ac. Ft.	Drainage Agency		CNI W/S	Remarks
	CENTRAL (Contd)														
196	Indian Creek	White Pine	179	Indian Creek	400	400	45	400	-	-	-	12	SCS	1d-6	
197	Old Yelland Ranch	White Pine	184	?	100	100	15	100	-	-	-	15	SCS	4-2	
198	Pinto Creek	White Pine	154	Pinto Creek	20	20	5	20	-	-	-	10	SCS	17-2	
199	Robinson Creek	White Pine	179	Robinson Cr.	4,600	3,600	660	1,000	2,600	-	-	48	SCS	1d-3	
200	Schellbourne	White Pine	179	Unnamed Creek	200	200	25	200	-	-	-	9	SCS	1d-7	
201	Steptoe Creek	White Pine	179	Steptoe Creek	1,400	1,200	160	1,000	-	-	200	20	SCS	1d-5	
202	Strawberry Ranch	White Pine	154	Springs	20	20	5	20	-	-	-	5	SCS	17-3	
	Subtotal				71,805	54,280	9,468	9,818	32,500	1,280	10,682				
	GREAT SALT LAKE - IV														
203	Thousand Springs	Elko	189A	Thousand Spr.C	2,900	2,600	280	2,200	-	-	400	70	SCS	1c-4	
204	Pleasant Valley	White Pine	194	Pleasant V. Cr.	50	50	8	50	-	-	-	18	SCS	1da-13	
205	Weaver Creek	White Pine	195	Weaver Creek	400	340	31	280	-	-	60	17	SCS	1-20	
	Subtotal				3,350	2,990	319	2,530	0	0	460				
	COLORADO RIVER - V														
206	Arden	Clark	212	Duck Creek	8,500	6,600	1,000	-	6,600	-	-	95	SCS	15-3	
207	Big Bend	Clark	213	Big Bend Wash	2,340	2,000	200	-	2,000			17	SCS		
208	Blue Diamond	Clark	212	Duck Creek	2,520	2,000	215	-	2,000	-	-	26	SCS	15-3	
209	California Wash	Clark	218	Calif. Wash	18,400	12,900	1,875	-	12,900	-	-	275	SCS	14b-2	
210	Flamingo Wash	Clark	212	Flamingo Wash	3,240	2,700	329	-	2,700	-	-	27	SCS	15-4	
211	Ft. Mohave	Clark	213	Ft. Mohave Wsh	800	700	50	-	700	-	-	7	SCS		
212	Henderson	Clark	212	Unnamed Wash	6,930	5,450	765	-	5,450	-	-	74	SCS	15-2	
213	Las Vegas Range	Clark	212	L.V. Range Wsh	2,600	2,000	200	-	2,000	-	-	38	SCS	15-5	
214	Mud Springs	Clark	212	Duck Creek	2,640	2,100	225	-	2,100	-	-	27	SCS	15-3	
215	Red Rock	Clark	212	Flamingo Wash	4,560	3,600	460	-	3,600	-	-	48	BCB	15-4	
216	Sloan	Clark	212	Duck Creek	3,400	2,700	340	-	2,700	-	-	35	SCS	15-3	
217	Clover Wash	Lincoln	204	Clover Wash	15,100	10,200	476	-	8,200	-	2,000	163	SCS	14b1-4	
218	Hamilte Canyon	Lincoln	202	Patterson Wash	28,700	20,700	1,600	-	15,700	-	5,000	413	CE	14b1-7	
219	Seaman	Lincoln	208	Seaman Wash	3,470	2,680	350	-	2,680	-	-	39	SCS	14b2-7	
220	Service Berry	Lincoln	199	Serviceby.Wash	3,880	3,000	320	-	2,400	-	600	44	SCS	14b1-6	
221	Ursine Wash	Lincoln	200	Ursine Wash	1,000	800	115	-	800	-	-	15	SCS	14b1-6	Watershed Appli.
222	Dry Valley	Lincoln	200	Meadow Valley W	22,000	16,000	1,230	4,000	10,000	-	2,000	301	CE	14b1-6	
223	Delmue	Lincoln	198	Meadow Valley W	16,000	13,000	1,800	3,000	8,000	-	2,000	500	CE	14b1-6	
224	Lower Ellison	White Pine	207	Ellison Creek	520	500	55	-	360	-	140	70	SCS	1462-17	
225	Upper White River	White Pine	207	White River	450	420	21	-	420	-	-	40	SCS	1462-17	
226	White River	White Pine	207	White River	2,550	1,750	500	-	1,250	-	500	40	SCS	1462-17	

POTENTIAL NEVADA RESERVOIR SITES
with
Estimates of Major Use

Map No.	Region, Area Number and Reservoirs	County	Hydrographic Area	River and Stream	Storage Total Ac.Ft.	Storage Active Ac.Ft.	Maximum Surface Acres	Irrigation Ac. Ft.	Flood Control Ac.Ft.	M&I	Recreation	Drainage	Agency	CNI W/S	Remarks
	COLORADO R. (Cont.)														
227	White River	White Pine	207	offstream	450	400	26	400	-	-	-	offstr.	SCS	14b2-17	
228	Iron Bridge	White Pine	207	White River	370	510	45	-	250	-	260	45	SCS	14b2-17	
234	Camp Valley	Lincoln	201	Camp Creek	500	500	40	200	-	-	300	75	SCS	14b1-8	
235	Beaver Dam	Lincoln	204	Unnamed	500	500	36	-	-	-	500	45	SCS	14 -11	
236	Kyle Canyon	Clark	212	Kyle Canyon	500	500	40	-	-	-	500	110	SCS	15 -1	
	Subtotal				151,920	113,690	12,309	7,600	92,810	-	13,800				
	DEATH VALLEY - IV														
	Beatty	Nye	228	Beatty Wash	6,700	5,000	850	-	5,000	-	-	85	SCS	4-6	
229	Lower Thirsty Cyn.	Nye	228	Thirsty Creek	15,600	10,200	1,100	-	10,200	-	-	273	SCS	4-7	
230	Point of Rocks	Nye	225	Mercury Val. Wash	7,900	5,900	1,100	-	5,900	-	-	100	SCS	4-3	
231	Forty Mile Wash	Nye	227A	Forty Mile Wash	17,200	11,200	2,000	-	11,200	-	-	300	SCS	4-3	
232	Upper Thirsty Cyn.	Nye	228	Thirsty Creek	3,000	3,000	400	-	3,000	-	-	225	SCS	4-7	
233	Subtotal				50,400	35,300	5,450	-	35,300	-	-				
	TOTALS				1,528,088	1,293,808	96,237	637,002	611,189	3,656	200,780				
	Nevada Sites				318,864	297,751	6,484	195,000	182,457	36,400	83,894				
	California Sites				1,846,952	1,591,559	102,721	832,002	793,646	40,056	284,674				
	GRAND TOTALS														



U. S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE

M7-EN-23166

EXHIBIT D

Mr. Chairman and members of the Government Affairs Committee:

I am Warren Monroe, project manager for the Humboldt River Flood Control Project.

I have with me today Mr. Dale Porter, Jr. chairman of the project's advisory board and Mr. Paul Sawyer, member of that board.

We thank you for the opportunity of appearing before your committee today and speaking in behalf of Senate Bill 351 which has been introduced by the committee on Natural Resources.

This bill outlines a procedure and provides for the administration of a program to develop the water resources of Nevada both for the benefit of agricultural interests and for the thousands of Nevada residents who are in urgent need of water recreational facilities. Nevada is growing rapidly and the existing water recreation facilities, which are few in number, are overcrowded and no longer capable of providing satisfactory recreation. If the MX missile system is located in Nevada our existing facilities will become totally inadequate.

We feel that SB 351 makes ample provision for protecting the interests of all parties in and to the waters of the state. Full and proper review is provided for in consideration of an application for construction of a dam and storage of water.

It is our understanding that some 100 possib le projects have been identified which might come under the provisions of this measure and were they all to be developed, the state certainly would take a major step forward in bringing about conservation of our limited water supplies and developing them for multiple use including recreation.

But no one is so optimistic as to believe that all 100 of these potential water developments can ever be accomplished. In many instances the water rights involved are totally held and used by private users. Only in instances where water rights for storage of water are available or can be obtained, can projects envisioned by this bill be undertaken.

Several of the most likely locations for construction of dams and storage of water are found in the Humboldt river stream system. One very attractive spot is on Rock Creek, a tributary which flows into the Humboldt from the north near Battle Mountain. Three very sizable projects are located on other tributaries of the Humboldt, namely; the

North Fork, Mary's River and the South Fork. These sites are included in a project known as the Humboldt River Flood Control Project which was authorized by Congress in 1950. All except the South Fork site have been found by the federal government to fall short of meeting the cost/benefit ratio and were the state to modify the federal regulations in establishing this ratio, it is possible that the North Fork and Mary's River dams could qualify for state money.

Meanwhile, work is progressing on the South Fork project, known as the Hylton dam, and if federal funds can continue to be appropriated for the project, design of the dam could start in 1982.

SB 351 as presently drawn contains a provision which would exclude federally finance projects from receiving assistance under the state plan. This provision is contained in Sec. 3. 4 (b) of the bill and we would urge that the bill be amended to remove this restriction. The Elko Recreation Board which is sponsoring the Humboldt River Project, feels capable of financing the local share of the project but what the local share might be is still an unknown quantity. The original authorization by congress provided that the local share of the three-dam project would be only $2,700,000. But since that time the cost of even one dam has increased many fold over what the original three dams were to cost and we are not certain that the original local share will remain as it was originally passed. There is a possibility that the local share may increase to the point where providing the local share would be too much for the resources available to th Elko Recreation board. If this should take place the opportunity to obtain assistance fr the state would be most helpful and perhaps would make it possible to go ahead with the project.

There is a possibility, too, that other projects might be developed which could cualify for federal aid and which, under the provisions for federal projects today which call for contributions of at least 50 per cent of the cost of the project, would place a burden on local sponsors which could not be met without assistance from the state.

One additional change is believed necessary in the bill. It provides a total of $15,000,000 for dam construction, including preliminary studies and work and also

provides ways in which local entities can obtain this money and pay it back. But in many instances the demands of the dam itself for financing at the local level will tap the local entitiy's resources leaving nothing with which recreational facilities can be provided. We are suggesting that an additional $3,000,000 be included in the bill for use in development of the recreational facilities made possible by construction of the dams. On some of the smaller projects, no recreational facilities may be needed. But on the larger bodies of water which might be created, facilities for boating, camping, canidation and other activities will be necessary.

One of the benefits of the proposed state program would be conservation of water. WAter in Nevada has a happy faculty of running off from its storage in the snow banks of the higher mountain ranges and rising to flood stage briefly and decreasing rapidly. Often the water at high flood stage can not be used properly and runs off into sinks on the valley floor where it is wasted.

If the runoff could be stored and released in a more timely manner and in a more usable flow rate, much greater benefit could be obtained by agricultural interests along the stream. As an example of the usual runoff from mountain feed streams, the Humboldt river at flood stage exceeds the capabilities of the water users to efficiently make use of it with the result that thousands of acre feet of water flow out into the Humboldt sink where they are wasted and where they often contribute to diseases which destroy water fowl in the area. Additional water storage on the river would help to avoid this loss and would make it possible to conserve many thousands of acre feet of water.

We urge that you give favorable consideration to SB 351 and that youconsider and act favorably on our proposed amendments. Thank you for your time.