

## Northern Nevada Water Planning Commission

Conformance Review Actions – January 2001 through March 2008

DATE	ITEM	ACTION
01-17-01	Sparks Marina Lake denitrification plant	Found in conformance.
01-17-01	Panther Valley Water Co., 600K water tank	Found in conformance.
02-07-01	Reno/Stead Wastewater Treatment Facility solids pumping	Found in conformance.
03-07-01	SPPC, Spanish Springs #4 & Northgate #3 water storage tanks	Found in conformance.
06-06-01	Desert Springs water storage tank	Found in conformance.
07-18-01	Sparks effluent pipeline extension to Spanish Springs, Phases 4 & 5	Found in conformance.
09-19-01	UNR Farms effluent re-use pipeline extension	Found in conformance.
06-05-02	Lawton/Verdi Wastewater Project Facility Plan	Found in conformance.
07-17-02	South Truckee Meadows Facility Plan	Found in conformance.
08-07-02	Cold Springs Wastewater Facility Plan	Found in conformance.
09-18-02	Spanish Springs Nitrate Occurrence Project Facility Plan	Found in conformance.
02-18-04	Sun Valley GID Water Facility Master Plan	Found in conformance.
05-05-04	Warm Springs Ranch Wastewater Treatment Facility Plan	Found in conformance.
05-05-04	Spanish Springs Water Facility Plan	Found in conformance.
05-05-04	Hidden Valley Water System Facility Plan	Found in conformance.
06-16-05	Sun Valley GID Sewer Master Plan	Found in conformance.
10-19-05	Fish Springs Water Supply Project Facility Plan	Found in conformance.
01-04-06	Intermountain Water Supply	Found in conformance.
01-17-07	Stead Water Main Replacement (North Virginia / Stead Pumping System Improvement Project)	Found in conformance.



Northern Nevada Water Planning Commission

Washoe County Department of Water Resources - 2011-2015 Capital Improvements Program

R&R Water Construction - 664151		Fund	2011	2012	2013	2014	2015
All	Utility System Water Asset Management Program		\$ 100,000	\$ 100,000	\$ 25,000	\$ 25,000	\$ 25,000
All	Utility System SCADA Upgrades		\$ 100,000	\$ 100,000	\$ 90,000	\$ 90,000	\$ 90,000
All	Utility System Water Storage Tank Overflow		\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000
All	Utility System Water Level Transducers Upgrades		\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
	<b>Total Non-Capital R&amp;R Projects</b>		<b>\$ 310,000</b>	<b>\$ 310,000</b>	<b>\$ 225,000</b>	<b>\$ 225,000</b>	<b>\$ 225,000</b>
All	Utility System Water Well/Tank Drainage Improvements		\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
All	Utility System Production Well Rehabilitation Program (additional funds added)		\$ 200,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
ALL	MXU installs All areas - (Flex Net System)		\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
North Valley	Lemmon Valley System Improvements - Pompe/Albert Way/Deli Street/Dojack/Casey St. Main Replacements		\$ 258,000	\$ -	\$ -	\$ -	\$ -
Spanish Springs	Canoe Hill Supply Improvements(Spring Creek trans main Ph II PRV R&R with motor control valves)		\$ 86,400	\$ -	\$ -	\$ -	\$ -
Spanish Springs	Spring Creek Tank #3 & #4 Supply Improvements		\$ 133,200	\$ -	\$ -	\$ -	\$ -
Spanish Springs	Spring Creek Well #2 Supply Improvements		\$ 127,920	\$ -	\$ -	\$ -	\$ -
STM	Bella Vista Intertie Controls and Hidden Valley/Double Diamond Tank Altitude Valves		\$ 96,000	\$ -	\$ -	\$ -	\$ -
STM	Booster Pump Station at Mt. Rose Well #3		\$ 300,000	\$ -	\$ -	\$ -	\$ -
STM	Hidden Valley Water - Well No. 4 Rehabilitation		\$ 300,000	\$ -	\$ -	\$ -	\$ -
STM	Secondary Supply for Old Washoe		\$ 187,200	\$ -	\$ -	\$ -	\$ -
STM	Secondary Supply for Sunrise Estates		\$ 165,600	\$ -	\$ -	\$ -	\$ -
All	Utility System Meter Replacement/Upgrade		\$ -	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000
All	Utility System Tank Rehab Program		\$ -	\$ -	\$ 80,000	\$ 80,000	\$ 80,000
All	Utility System Water Valve Replacement		\$ -	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
North Valley	Lemmon Valley - Tanks #1 and #2 Rehab		\$ -	\$ 421,200	\$ -	\$ -	\$ -
North Valley	Lemmon Valley System Improvements - Surge Street 6" Watermain Replacement		\$ -	\$ -	\$ -	\$ -	\$ -
North Valley	Lemmon Valley Well #6 - Rehabilitation		\$ -	\$ -	\$ -	\$ -	\$ -
North Valley	Lemmon Valley Well #7 Replacement (Re-drill only)		\$ -	\$ -	\$ -	\$ 400,000	\$ -
North Valley	Lemmon Valley Well #8 Replacement (Re-drill and Equip)		\$ -	\$ -	\$ -	\$ -	\$ -
North Valley	Lemmon Valley Well #9 -Power Improvements		\$ -	\$ -	\$ -	\$ -	\$ -
Spanish Springs	Decommission Delores Tank and Pressure Zone Improvements		\$ -	\$ -	\$ 549,600	\$ -	\$ -
Spanish Springs	Spanish Springs Water - Desert Springs Zone Water Main Rehab Phase 2A and 2B		\$ -	\$ -	\$ -	\$ -	\$ 1,275,000
Spanish Springs	Spring Creek Well #4 Recharge		\$ -	\$ 132,000	\$ -	\$ -	\$ -
STM	Arrow Creek Well #5 Well Equipping and Blending Line		\$ -	\$ -	\$ -	\$ -	\$ -
STM	E. Hidden Valley Dr - Waterline Replacement		\$ -	\$ -	\$ -	\$ -	\$ -
STM	Galena Creek Crossing Transmission Main		\$ -	\$ 300,000	\$ -	\$ -	\$ -
STM	Hidden Valley Water - Piping Rock Dr Waterline Replacement		\$ -	\$ -	\$ -	\$ 500,000	\$ -
STM	Mt. Rose Water - Big Pine Dr Waterline Replacement		\$ -	\$ -	\$ -	\$ 100,000	\$ -
STM	Pebble Creek/Tamarisk/Piping Rock - Waterline Replacement		\$ -	\$ -	\$ -	\$ -	\$ -
STM	Relocation of Water Service - Hidden Valley		\$ -	\$ -	\$ 240,000	\$ -	\$ -
STM	Thomas Creek Well Replacement/ Redrill		\$ -	\$ 500,000	\$ -	\$ -	\$ -
STM	Thomas Creek Well Equipping		\$ -	\$ -	\$ 800,000	\$ -	\$ -
Verdi	River Oaks Water System R&R - Design & Design	USDA Loan	\$ -	\$ 3,987,000	\$ -	\$ -	\$ -
	<b>Total Capital R&amp;R Projects</b>		<b>\$ 2,054,320</b>	<b>\$ 5,840,200</b>	<b>\$ 2,169,600</b>	<b>\$ 1,580,000</b>	<b>\$ 1,855,000</b>
R&R Sewer Construction-664950		Fund	2011	2012	2013	2014	2015
North Valley	Lemmon Valley Limnol Sewer Rehabilitation		\$ 150,000	\$ -	\$ -	\$ -	\$ -
North Valley	Lemmon Valley Wastewater TP Improvements		\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000
All	Effluent Management Program		\$ 100,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 500,000
	<b>Total Non-Capital R&amp;R Projects</b>		<b>\$ 400,000</b>	<b>\$ 400,000</b>	<b>\$ 400,000</b>	<b>\$ 400,000</b>	<b>\$ 650,000</b>
All	Sewer Lift Station Rehabilitation- Corrosion		\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
Spanish Springs	Desert Springs Monitor Well Const. GRANT	45% Grant Match	\$ 22,500	\$ -	\$ -	\$ -	\$ -
STM	Steamboat Interceptor Inflow & Infiltration		\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
STM	STMWRF Improvements Project-Design & Construction		\$ 2,400,000	\$ 2,200,000	\$ 4,200,000	\$ 2,100,000	\$ 2,000,000
Sun Valley	SVGID Cured in Place Reimbursement		\$ 344,000	\$ -	\$ -	\$ -	\$ -
North Valley	Horizon Hills Sewer System Improvements		\$ -	\$ -	\$ -	\$ 225,000	\$ 225,000
Verdi	River Oaks Sanitary Sewer Collection System R&R - Design & Construction	USDA Loan	\$ -	\$ 3,387,900	\$ -	\$ -	\$ -
	<b>Total Capital R&amp;R Projects</b>		<b>\$ 2,916,500</b>	<b>\$ 5,737,900</b>	<b>\$ 4,350,000</b>	<b>\$ 2,475,000</b>	<b>\$ 2,375,000</b>
Spanish Springs	Desert Springs Monitor Well Const. GRANT	55% EPA Grant	\$ 27,500	\$ -	\$ -	\$ -	\$ -
	<b>Total Grant Funded Projects</b>		<b>\$ 27,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
R&R Reclaim Construction-664500		Fund	2011	2012	2013	2014	2015
All	Field Creek Pump Station Rehab		\$ -	\$ -	\$ -	\$ 125,000	\$ 125,000
All	Reclaim - Asset Management Program		\$ -	\$ 50,000	\$ 50,000	\$ -	\$ -
STM	Field Creek Reservoir Disinfection System		\$ -	\$ 150,000	\$ -	\$ -	\$ -
STM	Huffaker Hills Reservoir Water Quality Management Improvements		\$ 200,000	\$ -	\$ -	\$ -	\$ -
	<b>Total Capital R&amp;R Projects</b>		<b>\$ 200,000</b>	<b>\$ 200,000</b>	<b>\$ 50,000</b>	<b>\$ 125,000</b>	<b>\$ 125,000</b>

South Truckee Meadows New Water Construction-668100		Fund	2011	2012	2013	2014	2015
STM	Hidden Valley Water - LLWTP 4 MGD Improvement		\$ 200,000	\$ -	\$ -	\$ -	\$ -
STM	Water - Creek Exchange Diversion Structures		\$ 100,000	\$ -	\$ -	\$ -	\$ -
STM	Water Storage - Zone 11 Water Storage Tank		\$ 2,800,000	\$ -	\$ -	\$ -	\$ -
STM	Water Storage - Zone 11 Transmission Main - Caramella Ranch Segment		\$ -	\$ -	\$ -	\$ -	\$ -
STM	Water Supply - Secondary Well No. 1 Equipping		\$ -	\$ 750,000	\$ -	\$ -	\$ -
STM	Hidden Valley Water - LLWTP 6 MGD Improvement		\$ -	\$ -	\$ -	\$ -	\$ -
STM	Hidden Valley Water - Well No. 6		\$ -	\$ -	\$ -	\$ -	\$ -
STM	Mt. Rose Water - Abbies Rd Waterline Extension		\$ -	\$ -	\$ -	\$ -	\$ -
STM	Mt. Rose Water - Bonnie Lane Waterline Extension		\$ -	\$ -	\$ -	\$ -	\$ -
STM	Mt. Rose Water - GW Well No. 7 (Drill and Equip)		\$ -	\$ -	\$ -	\$ -	\$ -
STM	Mt. Rose Water - Snow Flower Road Waterline Extension		\$ -	\$ -	\$ -	\$ -	\$ -
STM	STM Double R Booster Pump Station Expansion		\$ -	\$ 230,000	\$ -	\$ -	\$ -
STM	STM Water Supply - Secondary Well No. 2		\$ -	\$ -	\$ -	\$ -	\$ -
STM	Thomas Creek Water - Storage Tank No. 2		\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Total Capital Projects</b>		<b>\$ 3,100,000</b>	<b>\$ 980,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
STM	Water Storage - Zone 11 Transmission Main - Damonte Parkway	Developer	\$ -	\$ -	\$ -	\$ -	\$ -
STM	Mt. Rose Water - Callamont Booster Pump Station	Developer	\$ -	\$ -	\$ -	\$ -	\$ 200,000
STM	Mt. Rose Water - Callamont North Groundwater Well (Equip)	Developer	\$ -	\$ 700,000	\$ -	\$ -	\$ -
STM	Mt. Rose Water - Callamont South Groundwater Well (Equip)	Developer	\$ -	\$ -	\$ 700,000	\$ -	\$ -
STM	Mt. Rose Water - Callamont Water Storage Tank	Developer	\$ -	\$ 600,000	\$ -	\$ -	\$ -
STM	St. James Water - Groundwater Well No. 3	Developer	\$ -	\$ -	\$ 500,000	\$ 750,000	\$ -
STM	St. James Water - Groundwater Well No. 4	Developer	\$ -	\$ -	\$ 500,000	\$ 750,000	\$ -
STM	St. James Water - Well No. 3 Transmission Main	Developer	\$ -	\$ -	\$ -	\$ 450,000	\$ -
STM	St. James Water - Well No. 4 Transmission Main	Developer	\$ -	\$ -	\$ -	\$ 250,000	\$ -
STM	STM Damonte Ranch Parkway Transmission Main	Developer	\$ -	\$ -	\$ -	\$ -	\$ -
STM	STM Water Storage - Zone 13 Water Storage Tank	Developer	\$ -	\$ -	\$ -	\$ 625,000	\$ -
	<b>Total Developer Funded Projects</b>		<b>\$ -</b>	<b>\$ 1,300,000</b>	<b>\$ 1,700,000</b>	<b>\$ 2,825,000</b>	<b>\$ 200,000</b>
Spanish Springs New Water Construction-668200		Fund	2011	2012	2013	2014	2015
Spanish Springs	North Pyramid Hwy Transmission Main		\$ -	\$ -	\$ -	\$ 1,750,000	\$ -
Spanish Springs	Desert Springs 3B Water Storage Tank		\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Total Capital Projects</b>		<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,750,000</b>	<b>\$ -</b>
Spanish Springs	Broken Hills Booster Pump Station	Developer	\$ -	\$ -	\$ -	\$ -	\$ 500,000
Spanish Springs	Broken Hills Transmission Main	Developer	\$ -	\$ -	\$ -	\$ -	\$ 1,250,000
Spanish Springs	Broken Hills Water Storage Tank	Developer	\$ -	\$ -	\$ -	\$ -	\$ 1,050,000
	<b>Total Developer Funded Projects</b>		<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,800,000</b>
General New Water Construction-668000		Fund	2011	2012	2013	2014	2015
North Valley	Lemmon Valley - Heppner Onsite Construction - Phase 2		\$ 130,000	\$ -	\$ -	\$ -	\$ -
	<b>Total Non-Capital Projects</b>		<b>\$ 130,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
ALL	Waterline Extension Program		\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
North Valley	Lemmon Valley Water - System Improvements Heppner Phase 7	25% match	\$ 125,000	\$ -	\$ -	\$ -	\$ -
North Valley	Lemmon Valley Water -Well #5 and #8 ASR		\$ 66,000	\$ -	\$ -	\$ -	\$ -
	<b>Total Capital Projects</b>		<b>\$ 291,000</b>	<b>\$ 100,000</b>	<b>\$ 100,000</b>	<b>\$ 100,000</b>	<b>\$ 100,000</b>
North Valley	Lemmon Valley Water - System Improvements Heppner Phase 7- Corp Funding	75% Grant	\$ 375,000	\$ -	\$ -	\$ -	\$ -
	<b>Total Grant Funded Projects</b>		<b>\$ 375,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
North Valley	Lemmon Valley - W LV & Cold Springs Transmission & Storage	Developer	\$ -	\$ -	\$ 5,000,000	\$ 10,040,000	\$ -
Stampmill	Stampmill Water System Upgrade	Developer	\$ -	\$ 550,000	\$ 550,000	\$ -	\$ -
Truckee Canyon	Truckee Canyon Water System	Developer	\$ 1,500,000	\$ -	\$ -	\$ -	\$ -
	<b>Total Developer Funded Projects</b>		<b>\$ 1,500,000</b>	<b>\$ 550,000</b>	<b>\$ 5,550,000</b>	<b>\$ 10,040,000</b>	<b>\$ -</b>
South Truckee Meadows New Sewer Construction-668600		Fund	2011	2012	2013	2014	2015
STM	Pleasant Valley Interceptor Reach 3A - Construction - Oversizing agreement		\$ -	\$ -	\$ -	\$ -	\$ 800,000
STM	Pleasant Valley Interceptor Reach 3B - Land Acquisition - Lewis Portion		\$ 650,000	\$ -	\$ -	\$ -	\$ -
STM	Steamboat Lift Station Expansion		\$ 100,000	\$ 200,000	\$ 1,200,000	\$ -	\$ -
STM	Pleasant Valley Interceptor Reach 4 - Land Acquisition		\$ 546,500	\$ -	\$ -	\$ -	\$ -
	<b>Total Capital Projects</b>		<b>\$ 1,296,500</b>	<b>\$ 200,000</b>	<b>\$ 1,200,000</b>	<b>\$ -</b>	<b>\$ 800,000</b>
STM	Pleasant Valley Interceptor Reach 4 - Construction	Developer	\$ -	\$ -	\$ -	\$ 4,000,000	\$ -
	<b>Total Developer Funded Projects</b>		<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 4,000,000</b>	<b>\$ -</b>
Spanish Springs New Sewer Construction-668700		Fund	2011	2012	2013	2014	2015
Spanish Springs	Phased Sewering Project Phase 1B - (SAD/SRF Loan)	Match (25%)	\$ 987,500	\$ -	\$ -	\$ -	\$ -
	<b>Total Capital Projects</b>		<b>\$ 987,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
Spanish Springs	Phased Sewering Project Phase 1B	Grant (75%)	\$ 2,962,500	\$ -	\$ -	\$ -	\$ -
Spanish Springs	Phased Sewering Project Phase 2A	Grant	\$ -	\$ -	\$ -	\$ -	\$ 2,950,000
Spanish Springs	Phased Sewering Project Phase 2B	Grant	\$ -	\$ -	\$ -	\$ -	\$ -
Spanish Springs	Phased Sewering Project Phase 3	Grant	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Total Grant Funded Projects</b>		<b>\$ 2,962,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,950,000</b>

Cold Springs New Sewer Construction-668800		Fund	2011	2012	2013	2014	2015
North Valley	Cold Springs Collection System (Existing homes)		\$ -	\$ -	\$ -	\$ 300,000	\$ -
North Valley	Cold Springs WRF Expansion - Facility Plan		\$ 50,000	\$ 50,000	\$ -	\$ -	\$ -
	<b>Total Capital Projects</b>		\$ 50,000	\$ 50,000	\$ -	\$ 300,000	\$ -
North Valley	Cold Springs WRF Expansion - Design and Construction	Developer	\$ 50,000	\$ -	\$ -	\$ -	\$ -
	<b>Total Developer Funded Projects</b>		\$ 50,000	\$ -	\$ -	\$ -	\$ -
General New Sewer Construction-668500		Fund	2011	2012	2013	2014	2015
Stampmill/Wadsworth	Stampmill/Wadsworth Wastewater Collection & Treatment	Developer	\$ -	\$ 2,700,000	\$ -	\$ -	\$ -
Warm Springs	Warm Springs Wastewater Treatment Facility	Developer	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Total Developer Funded Projects</b>		\$ -	\$ 2,700,000	\$ -	\$ -	\$ -
New Reclaim Construction-668400		Fund	2011	2012	2013	2014	2015
STM	Reclaimed Water Transmission Main Extensions	Developer	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000
	<b>Total Developer Funded Projects</b>		\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000
Arsenic Remediation Construction-668950		Fund	2011	2012	2013	2014	2015
Truckee Canyon	Truckee Canyon Water System - Solids Management		\$ -	\$ 75,000	\$ -	\$ -	\$ -
Spanish Springs	Desert Springs Water Quality Blending Phase 2	45% Grant Match	\$ 45,000	\$ -	\$ -	\$ -	\$ -
STM	Blending Line for Double Diamond Well #2		\$ -	\$ -	\$ -	\$ -	\$ -
Spanish Springs	Eagle Canyon Phase 2 Transmission Main		\$ -	\$ -	\$ 1,900,000	\$ -	\$ -
	<b>Total Capital Projects</b>		\$ 45,000	\$ 75,000	\$ 1,900,000	\$ -	\$ -
Spanish Springs	Desert Springs Water Quality Blending Phase 2 (WR895001)	55% EPA Grant	\$ 55,000	\$ -	\$ -	\$ -	\$ -
	<b>Total Grant Funded Projects</b>		\$ 55,000	\$ -	\$ -	\$ -	\$ -
	<b>Total Non-Capital</b>		\$ 840,000	\$ 710,000	\$ 625,000	\$ 625,000	\$ 875,000
	<b>Total Capital</b>		\$ 10,940,820	\$ 13,183,100	\$ 9,769,600	\$ 6,330,000	\$ 5,255,000
	<b>Total Grant Funded</b>		\$ 3,420,000	\$ -	\$ -	\$ -	\$ 2,950,000
	<b>Total Capital to enter in SAP</b>		\$ 14,360,820				
Central Truckee Meadows Remediation District-206303		Fund	2011	2012	2013	2014	2015
CTMRD	PCE Remediation - Kietzke Lane Well Treatment System		\$ 85,000	\$ 50,000	\$ -	\$ -	\$ -
CTMRD	PCE Remediation - Mill Street Well Treatment System		\$ 85,000	\$ 50,000	\$ -	\$ -	\$ -
CTMRD	PCE Remediation - Morrill Avenue Well Treatment System		\$ 185,000	\$ -	\$ -	\$ -	\$ -
CTMRD	PCE Remediation - VFD Replacement		\$ 100,000	\$ -	\$ -	\$ -	\$ -
CTMRD	PCE Remediation - PCE Treatment Facilities (SPARKS and POPLAR#2)		\$ 3,200,000	\$ -	\$ -	\$ 1,200,000	\$ -
	<b>Total Capital Projects</b>		\$ 3,655,000	\$ 100,000	\$ -	\$ 1,200,000	\$ -
R&R STMGID Water Construction-674310		Fund	2011	2012	2013	2014	2015
STMGID	System Facility Assessment Plan		\$ 100,000	\$ 100,000	\$ 50,000	\$ 50,000	\$ 50,000
	<b>Total Non-Capital R&amp;R Projects</b>		\$ 100,000	\$ 100,000	\$ 50,000	\$ 50,000	\$ 50,000
STMGID	Well 5 Disinfection System Upgrade		\$ 150,000		\$ -	\$ -	\$ -
STMGID	Well/Tank Drainage Improvements		\$ 50,000	\$ 200,000	\$ 100,000	\$ 100,000	\$ 100,000
STMGID	Water Storage Rehabilitation		\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
STMGID	Water Distribution System Rehabilitation Program		\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000
	<b>Total Capital R&amp;R Projects</b>		\$ 550,000	\$ 550,000	\$ 450,000	\$ 450,000	\$ 450,000
New STMGID Water Construction-674380		Fund	2011	2012	2013	2014	2015
STMGID	Well 12 Design and Construction		\$ 1,500,000	\$ -	\$ -	\$ -	\$ -
STMGID	Future Wells (Drill and Equip)		\$ -	\$ 650,000	\$ 750,000	\$ -	\$ -
STMGID	Water Storage		\$ -	\$ -	\$ -	\$ 1,000,000	\$ -
STMGID	Reuse Conversion Program		\$ 150,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
	<b>Total Capital Projects</b>		\$ 1,650,000	\$ 750,000	\$ 850,000	\$ 1,100,000	\$ 100,000

South Truckee Meadows Water Reclamation Facility	Fund	2011	2012	2013	2014	2015
Package 1A - Control System Improvements		\$ 980,000	\$ -	\$ -	\$ -	\$ -
Package 1B - Effluent Pumps, 3W Improvements, Electrical System Modifications, Secondary Access Road		\$ 2,490,000	\$ -	\$ -	\$ -	\$ -
Effluent Pumps - \$1,070,000		\$ -	\$ -	\$ -	\$ -	\$ -
3W and RAS Pump Seal Water - \$150,000		\$ -	\$ -	\$ -	\$ -	\$ -
Electrical System Improvements - \$390,000		\$ -	\$ -	\$ -	\$ -	\$ -
Air Compressor Change out and Isolation - \$535,000		\$ -	\$ -	\$ -	\$ -	\$ -
CCB Induction Mixer and Chlorine Analyzers - \$270,000		\$ -	\$ -	\$ -	\$ -	\$ -
Filter Turbidimeter - \$75,000		\$ -	\$ -	\$ -	\$ -	\$ -
Headworks Design Definition		\$ 45,000	\$ -	\$ -	\$ -	\$ -
Access Road Alternatives and Project Definition		\$ 50,000	\$ -	\$ -	\$ -	\$ -
Steamboat Area Collection System Master Plan		\$ 130,000	\$ -	\$ -	\$ -	\$ -
Effluent Water Quality Management Alternatives		\$ 155,000	\$ -	\$ -	\$ -	\$ -
Headworks Improvements and Steamboat Area Preliminary Design Activities		\$ -	\$ 8,035,000	\$ -	\$ -	\$ -
Headworks Improvements - \$7,005,000		\$ -	\$ -	\$ -	\$ -	\$ -
Plant Surveying and Geotech Investigation - \$35,000		\$ -	\$ -	\$ -	\$ -	\$ -
Secondary Access Road - \$930,000		\$ -	\$ -	\$ -	\$ -	\$ -
Steamboat Area Preliminary Design Activities - \$65,000		\$ -	\$ -	\$ -	\$ -	\$ -
Filter Expansion (2 filters) & Misc. Improvements		\$ -	\$ -	\$ 3,400,000	\$ -	\$ -
Filter Expansion (assume 2 filters) - \$3,110,000		\$ -	\$ -	\$ -	\$ -	\$ -
Reject Water System Improvements - \$290,000		\$ -	\$ -	\$ -	\$ -	\$ -
Steamboat Area Collection System Improvements		\$ -	\$ -	\$ -	\$ 4,430,000	\$ -
Misc. Improvements		\$ -	\$ -	\$ -	\$ -	\$ 780,000
Chemical Sump - \$275,000		\$ -	\$ -	\$ -	\$ -	\$ -
Clarifier Coating - \$80,000		\$ -	\$ -	\$ -	\$ -	\$ -
Security System - \$195,000		\$ -	\$ -	\$ -	\$ -	\$ -
Storage Building - \$145,000		\$ -	\$ -	\$ -	\$ -	\$ -
FeC13 Feed Storage & Pump - \$85,000		\$ -	\$ -	\$ -	\$ -	\$ -

**City of Reno - 2011-2015 Capital Improvements Program**

**Sanitary Sewer Capital Projects**

Sewer Projects	Fund	2011	2012	2013	2014	2015
Sanitary Sewer		\$ -	\$ -	\$ -	\$ -	\$ 82,500,000
TMWRF Treatment		\$ -	\$ -	\$ -	\$ -	TBD
RSWRF Treatment		\$ -	\$ -	\$ -	\$ -	\$ 2,500,000
Storm Drainage		\$ -	\$ -	\$ -	\$ -	\$ 4,100,000

**City of Sparks - 2011-2015 Capital Improvements Program**

**Sanitary Sewer Capital Projects**

Sewer Operational Efficiency Projects in Fund 1630	Fund	2011	2012	2013	2014	2015
Integration of Pavement Condition Index Software		\$ 50,000	\$ 25,000	\$ -	\$ -	\$ -
Sewer Lateral Location Project		\$ 30,000	\$ -	\$ -	\$ -	\$ -
Lift Station Radio Communication		\$ 25,000	\$ -	\$ -	\$ -	\$ -
TMWRF Studies with UNR, etc.		\$ -	\$ -	\$ 32,895	\$ 32,895	\$ -

Expansion/Rehabilitation of Sewer Infrastructure Systems in Fund 1631	Fund	2011	2012	2013	2014	2015
TMWRF Co-Generation Plant & Electrical System Upgrades		\$ 14,500,000	\$ -	\$ -	\$ -	\$ -
TMWRF Dewatering Replacement - Design		\$ 228,438	\$ 685,315	\$ -	\$ -	\$ -
TMWRF Headworks Replacement - Design		\$ 228,438	\$ -	\$ 2,512,821	\$ 91,375	\$ -
TMWRF Digester Cover Rehab - Digester #1		\$ -	\$ -	\$ 1,005,128	\$ -	\$ -
TMWRF Digester Cover Rehab - Digester #3		\$ -	\$ 1,005,158	\$ -	\$ -	\$ -
TMWRF Dewatering Replacement - Construction		\$ -	\$ 3,015,385	\$ 5,528,205	\$ 1,507,692	\$ -
TMWRF Headworks Replacement - Construction		\$ -	\$ -	\$ -	\$ 5,528,205	\$ 5,482,517
TMWRF Filter & Denite Rehab & Valve Replacement		\$ -	\$ 251,282	\$ 251,282	\$ 251,282	\$ -
TMWRF Denite Upgrade		\$ -	\$ -	\$ -	\$ 1,370,629	\$ -
TMWRF Digester Cover Rehab - Digester #2		\$ -	\$ -	\$ -	\$ 1,644,755	\$ -
TMWRF Digester Cover Rehab - Digester #3		\$ -	\$ -	\$ -	\$ -	\$ 685,315
Internal Project Management Costs - Capitalized Labor		\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000
Sparks RTC Coordination - Sewer		\$ 200,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ -
York Way Sewer Rehabilitation		\$ 382,400	\$ -	\$ -	\$ -	\$ -
Annual Road Ahead Project Coordination - Sewer		\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ -
Quail Street Sewer Rehabilitation		\$ 600,000	\$ -	\$ -	\$ -	\$ -
Rockwood Sewer Rehabilitation		\$ 70,000	\$ -	\$ -	\$ -	\$ -
E. Richards/Richards Way SS Rehabilitation		\$ 135,000	\$ -	\$ -	\$ -	\$ -
Marietta Sewer Rehabilitation		\$ 262,000	\$ -	\$ -	\$ -	\$ -
Rock Blvd. Sewer Rehabilitation		\$ 85,000	\$ -	\$ -	\$ -	\$ -
Sewer Interceptor Condition Assessments		\$ 500,000	\$ -	\$ -	\$ -	\$ -
Residential Sanitary Sewer Rehab (Lining, Bursting, etc.)		\$ 500,000	\$ 750,000	\$ -	\$ -	\$ -
Greenbrae Sewer Rehabilitation		\$ 397,000	\$ -	\$ -	\$ -	\$ -
Emergency/Contingency Funds - Sewer		\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000
Sewer Water Rights		\$ 500,000	\$ -	\$ -	\$ -	\$ -
Annual Sewer System Rehabilitation		\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000
Snider Sewer Rehabilitation		\$ -	\$ 115,000	\$ -	\$ -	\$ -
Selis Sewer Rehabilitation		\$ -	\$ 200,000	\$ -	\$ -	\$ -
Lyiski Sewer Rehabilitation		\$ -	\$ 200,000	\$ -	\$ -	\$ -
<b>Total Sanitary Sewer Projects</b>		<b>\$ 19,897,298</b>	<b>\$ 7,401,164</b>	<b>\$ 10,651,462</b>	<b>\$ 11,747,966</b>	<b>\$ 7,271,862</b>

<b>Storm Drain Projects</b>						
<b>Storm Drains Operational Efficiency Projects in Fund 1640</b>	<b>Fund</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
Pioneer Diversion Monitoring		\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000
Integration of Pavement Condition Index Software		\$ 50,000	\$ 25,000	\$ -	\$ -	\$ -
FEMA CRS/CAV Flood Mitigation		\$ 150,000	\$ -	\$ -	\$ -	\$ -
Truckee River Flood Project - Local Option vs. USCDE Process		\$ 300,000	\$ -	\$ -	\$ -	\$ -
<b>Expansion/Rehabilitation of Storm Drains Infrastructure Systems in Fund 1641</b>	<b>Fund</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
Larkin Circle Levee Bank Maintenance		\$ 100,000	\$ -	\$ -	\$ -	\$ -
Sirach Ct. Storm Drain Piping		\$ 175,000	\$ -	\$ -	\$ -	\$ -
Greg Ct. Storm Drain Piping		\$ 100,000	\$ -	\$ -	\$ -	\$ -
York Way Storm Drain Rehabilitation		\$ 61,000	\$ -	\$ -	\$ -	\$ -
Sparks RTC Coordination - Drains		\$ 200,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ -
Annual Road Ahead Project Coordination - Drains		\$ 200,000	\$ 200,000	\$ 200,000	\$ -	\$ -
Drainage Swales - Maldonado Park		\$ 400,000	\$ -	\$ -	\$ -	\$ -
Annual Curb & Gutter & Drainage Inlet Replacement		\$ 550,000	\$ 550,000	\$ 550,000	\$ 550,000	\$ 550,000
Annual Storm Drain System & Ditch Rehab		\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000
Annual Dam/Flood Structure Citywide Flood Rehab & Construction		\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000
Emergency/Contingency Funds - Storm Drains		\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000
Storm Drain Master Plan - Phase III		\$ 250,000	\$ -	\$ -	\$ -	\$ -
Pah Rah Park Springland Drive Storm Drain Planning/Design		\$ 50,000	\$ -	\$ -	\$ -	\$ -
Stanford Storm Drain		\$ -	\$ 4,500,000	\$ 4,500,000	\$ -	\$ -
<b>Total Storm Drain Projects</b>		<b>\$ 3,511,000</b>	<b>\$ 6,350,000</b>	<b>\$ 6,325,000</b>	<b>\$ 1,625,000</b>	<b>\$ 1,475,000</b>
<b>Riverflood Capital Projects</b>						
<b>Riverflood Capital Projects in Fund 1540 (RIVERFLOOD)</b>	<b>Fund</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
No. Truckee Realignment Rob Acquisition		\$ 1,200,000	\$ -	\$ -	\$ -	\$ -
No. Truckee Realignment Construction - Phase I		\$ 7,800,000	\$ -	\$ -	\$ -	\$ -
No. Truckee Realignment Construction - Phase II		\$ -	\$ -	\$ 30,000,000	\$ -	\$ -
<b>Total Riverflood Capital Projects</b>		<b>\$ 9,000,000</b>	<b>\$ -</b>	<b>\$ 30,000,000</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Effluent Projects</b>						
<b>Effluent Capital Projects in Fund 1651</b>	<b>Fund</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
Emergency/Contingency Funds - Effluent		\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000
Effluent Metered Site Upgrades		\$ -	\$ 50,000	\$ -	\$ 50,000	\$ -
Effluent System Expansion & Enhancements		\$ -	\$ -	\$ 150,000	\$ -	\$ 150,000
<b>Total Effluent Projects</b>		<b>\$ 250,000</b>	<b>\$ 300,000</b>	<b>\$ 400,000</b>	<b>\$ 300,000</b>	<b>\$ 400,000</b>
<b>Truckee Meadows Water Authority - 2011-2015 Capital Improvements Program</b>						
<b>Raw Water Supply-Improvements</b>	<b>Fund</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
Highland Canal-Upgrades		\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000
TROA Drought Storage/Implementation		\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000
<b>Ground Water-Development</b>	<b>Fund</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
Well Rehabilitation & Improvements		\$ 1,800,000	\$ 800,000	\$ 800,000	\$ 800,000	\$ 600,000
<b>Treatment-Improvements</b>	<b>Fund</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
Treatment Plants - Fix & Finish		\$ -	\$ -	\$ 1,250,000	\$ 1,250,000	\$ 1,250,000
SCADA Rehab/Plant Operating Software		\$ 100,000	\$ 1,150,000	\$ 50,000	\$ 50,000	\$ 50,000
Chalk Bluff/Glendale Projects Fix & Finish/Expansion Design		\$ 750,000	\$ 650,000	\$ -	\$ -	\$ -
Glendale Diversion Improvements		\$ 4,500,000	\$ -	\$ -	\$ -	\$ -

Distribution-Improvements						
Pressure Improvements	Fund	2011	2012	2013	2014	2015
Pressure Regulators Rehabilitation		\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000
Pressure Regulation Improvements/Interties		\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000
Pump Station Rebuilds, Rehabilitations		\$ 800,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000
Standby Generator Replacements		\$ 75,000	\$ -	\$ 75,000	\$ 500,000	\$ 125,000
Distribution-Improvements-Water Mains/Service Lines	Fund	2011	2012	2013	2014	2015
Sparks Feeder Mains-Phase IV-Section B to Prater Way		\$ 2,500,000	\$ -	\$ -	\$ -	\$ -
General Distribution Line Oversizing/Extensions		\$ -	\$ -	\$ 200,000	\$ 200,000	\$ 200,000
Street & Highway Main Replacements		\$ 6,000,000	\$ 4,500,000	\$ 4,100,000	\$ 4,200,000	\$ 4,300,000
Galv/Poly Service Line Replacements		\$ 500,000	\$ 500,000	\$ 650,000	\$ 750,000	\$ 750,000
Storage Improvements	Fund	2011	2012	2013	2014	2015
Highland Reservoir Line/Cover Replacement		\$ -	\$ -	\$ -	\$ 1,400,000	\$ -
Tank Reservoir Fix & Finish		\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000
Hydroelectric-Improvements	Fund	2011	2012	2013	2014	2015
Flume, Foot Bridge Reconstruction		\$ 360,000	\$ 220,000	\$ 440,000	\$ 450,000	\$ 465,000
Hydro Plant Equipment Replacement		\$ 250,000	\$ 500,000	\$ 75,000	\$ 75,000	\$ 75,000
Customer Service	Fund	2011	2012	2013	2014	2015
Meter Reading Equipment Data Paks/SO Automation		\$ 50,000	\$ 50,000	\$ -	\$ 50,000	\$ -
New Business Meters		\$ 65,000	\$ 100,000	\$ 115,000	\$ 140,000	\$ 165,000
Small Meter Replacements		\$ 200,000	\$ 1,000,000	\$ 1,400,000	\$ 1,400,000	\$ 1,400,000
Large Meter Replacements		\$ 150,000	\$ 165,000	\$ 170,000	\$ 175,000	\$ 185,000
Administrative	Fund	2011	2012	2013	2014	2015
GIS System Mapping Equipment		\$ -	\$ 45,000	\$ -	\$ -	\$ 45,000
Desktop Computer Upgrades		\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
Network Server/Storage Upgrades		\$ 275,000	\$ 175,000	\$ 175,000	\$ 175,000	\$ 250,000
Network Security Upgrades		\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 225,000
Engineering Operations Computer/Software Upgrades		\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 50,000
Computer/Network Licensing		\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 175,000
Heavy Equipment		\$ -	\$ -	\$ 140,000	\$ -	\$ -
Light Crew Trucks		\$ 100,000	\$ 250,000	\$ 375,000	\$ 375,000	\$ 380,000
Heavy Crew Trucks		\$ -	\$ 115,000	\$ -	\$ -	\$ 125,000
Security-VA/ER Projects		\$ 50,000	\$ 50,000	\$ 75,000	\$ 75,000	\$ 100,000
Special Projects Funded by Development	Fund	2011	2012	2013	2014	2015
Rule 7 Water Rights Purchase		\$ -	\$ -	\$ -	\$ -	\$ -
Water Meter Retrofits		\$ 273,000	\$ 435,000	\$ 763,000	\$ 916,000	\$ -

**Sun Valley General Improvement District - 2011-2015 Capital Improvements Program**

Water	2011 - 2015
Combine Sidehill and Chimney Pressure Zones	\$ 90,800
Leon/2nd PRV Station	\$ 132,000
1st/Sun Valley Blvd. PRV Station Rehabilitation	\$ 145,200
5th/Woods and 5th/Leon 6" Distribution Mains	\$ 183,800
2nd 6" Dist. Main Between Sidehill/Sun Valley Blvd.	\$ 232,000
2nd 6" Dist. Main Between Leon/Lupin	\$ 190,100
Chocolate 6" D - Main	\$ 182,000
Pit 6" D - Main	\$ 87,100
Klondike/75h PRV Station	\$ 122,900
Klondike 6" Dist. Main	\$ 86,000
Juniper Terrace P.S.	\$ 597,000
Sidehill PRV/System Tie	\$ 288,800
PRV Flow Monitor	\$ 30,000
Sundown/Pegasus at Quartz Convert to Sidehill Zone	-0-
Corral/Torobie at 4th Convert to Chocolate	\$ 20,000
Sidehill/Chimney Seismic Investigation	\$ 10,000
Facility O&M Manuals System Mapping Updates	\$85,000 to \$145,000
Sewer	2011 - 2015
Regrade MH 18 to 19	\$ 250,000
Regrade MH 62 to 63	\$ 210,000
Regrade MH 46 to 47 (New NDOT Pavement)	\$ 250,000
South Basin 12" Parallel Main (Replaces 15" Slipline)	\$ 450,000*
Flow Meter Station Number 1 Short Term Improvements	\$ 14,500
5th and Pearl Manhole Repair	\$ 64,000
Lower East Basin 12" Parallel Main	\$ 436,000**
Upper East Basin 12" Parallel Main	\$ 147,000
East 7th 10" Parallel Main	\$ 150,000
3 - 5 Year Interceptor Cleaning and Videoing	\$ 76,000
Flow Meter Station Number 2 Rehabilitation	\$ 300,000
Flow Meter Station Number 1 Abandonment	\$ 52,000
* (Estimated 1/3 SVGID and 2/3 Ladera/Sun Mesa)	
** (Sun Mesa?)	