

Las Vegas Wash Capital Improvements Plan

May 23, 2019



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Las Vegas Wash Capital Improvements Plan

1.0 Introduction

1.1 Purpose

The Lower Las Vegas Wash (Wash), in Clark County, Nevada, is the primary urban runoff, wastewater and floodwater outlet from the Las Vegas Valley into Lake Mead and the Colorado River. The Wash is considered a critical component in the many environmental and water resource issues facing Southern Nevada today. This Southern Nevada Water Authority Las Vegas Wash Capital Improvements Plan (Wash CIP) presents a summary of planned capital expense activities necessary to support long-term enhancement and management of the Wash.

1.2 Background

Since 1975, the Wash has undergone significant erosion and degradation due to increasing flows resulting from expanding upstream urbanization in the Las Vegas Valley. To combat the changes in the Wash, the Las Vegas Wash Coordination Committee (LVWCC), a 29-member interagency group of federal, state, and local agencies, and private interests, was formed and has developed a Comprehensive Adaptive Management Plan (CAMP). The Southern Nevada Water Authority (SNWA) Board of Directors approved the CAMP in April 2000.

Of 44 recommendations, the CAMP identifies erosion control and stream stabilization of the Wash as one of the highest recommended priority efforts. To accomplish this goal, in 2002, a Cooperative Agreement was signed between the local government agencies considered major stakeholders in the Wash. In 2012, the Cooperative Agreement was amended and retitled as the "First Amended Agreement Regarding the Las Vegas Valley Watershed Advisory Committee" (Amended Agreement). As described in the Amended Agreement, the SNWA has been designated by the members of the Las Vegas Valley Watershed Advisory Committee (LVVWAC), as the lead agency to coordinate and manage the enhancement of the Wash. Among many assigned tasks, the SNWA is responsible for maintaining this Wash CIP.

The Amended Agreement establishes the LVVWAC to provide advice and consultation to SNWA on issues regarding this Wash CIP. Local government agency members of the LVVWAC include:

- City of Las Vegas
- City of Henderson
- City of North Las Vegas
- Clark County
- Las Vegas Valley Water District
- Clark County Water Reclamation District
- Clark County Regional Flood Control District
- Southern Nevada Water Authority

2.0 Plan Scope

2.1 General Scope

This Wash CIP covers the geographical area of the Wash from the City of Las Vegas Wastewater Treatment Plant to the western boundary of the Lake Mead National Recreational Area. The Wash CIP is intended to describe all presently identified construction and construction support projects supporting the management and enhancement of the Wash. Project elements included in this Wash CIP include:

- Channel bed and bank stabilization;
- Revegetation; and
- Comprehensive programs.

The purpose of channel bed stabilization is to reduce channel bed erosion by slowing stream flow to less erosive conditions while providing a stable platform for vegetation reestablishment. Gradient control weirs or dams are planned for installation to accomplish the stabilization needs. Channel bank protection installations are planned to be completed as a part of channel bed stabilization projects, and focus on reducing the ability of Wash flows to undercut, erode and collapse channel banks. Capital expenditures for bank protection will include installation of rock or concrete riprap armor and revegetation of stream banks, where appropriate.

Revegetation of the Wash channel bed, banks, disturbed overbank locations and floodplain areas will provide surface erosion protection, aid ecosystem restoration, support water quality goals and meet environmental permitting requirements. Revegetation activities may include wetlands or dry land revegetation, installation of temporary irrigation systems and establishment of vegetation protection measures.

Comprehensive programs include design and support activities serving multiple capital projects or the Wash as a whole. Activities under this element may include acquisition of rock and concrete materials for use as riprap, installation of construction access roads, location of materials storage sites, long term dust control practices, sediment and sediment transport studies, hydraulic studies, topographic mapping, water quality monitoring, stream gauging, and other supporting capital expense activities which are necessary to support construction efforts.

2.2 Facility Information

The following information pertaining to specific facilities is presented in this Wash CIP:

- General description and location of each planned facility;
- Anticipated construction schedules;
- Estimated cost of each proposed facility;
- Proposed funding mechanism(s) for each facility in the Work Plan;
- Total projected Wash CIP cost in current and midpoint dollars;
- Cash flow forecasts by year; and
- A list of SNWA operated and maintained facilities.

3.0 Organization

General information regarding the background, scope, approval process, current revenues, anticipated expenditures, prioritization, and funded Project Work Plan are presented in this Wash CIP report. Specific details defining anticipated projects, project costs, implementation schedules, prioritization analysis, and other information are included as appendices to this Wash CIP.

All identified, individual projects requiring expenditure of capital funds are described in the Appendix A as Candidate Projects to this Wash CIP. A unique project number and letter designation and a location name describe each project. Channel bank protection and revegetation projects are named and project numbers are assigned with a letter designation which conforms to the name of the next downstream channel bed stabilization facility to which they are associated.

4.0 Plan Implementation

4.1 Cooperative Agreement

In 2002, SNWA entered into a Cooperative Agreement pertaining to the long-term management and enhancement of the Wash with Clark County, City of Las Vegas, City of Henderson, City of North Las Vegas, Clark County Water Reclamation District, and Clark County Regional Flood Control District. The current Amended Agreement establishes roles and responsibilities for the above agencies in managing the Wash. The development, review, and update of this Wash CIP are identified in the Amended Agreement as a responsibility of the SNWA. The Amended Agreement further defines the contents of the Wash CIP as presented herein.

4.2 Annual Plan Review

The SNWA annually reviews, reaffirms, or revises the Wash CIP, as necessary to meet the goals and requirements of the Amended Agreement. In performing the annual review, the SNWA consults with the local agency stakeholders to the Wash through the Operations Study Team of the LVWCC and through the LVVWAC.

SNWA's consultation with local agency stakeholders and revisions to the Wash CIP focus upon current changes in priority, planning, design, cost, funding, and/or capital needs associated with the elements of the Wash CIP. Revisions to the Wash CIP reflect the elimination of capital items previously completed or revisions proposed by a party to the Amended Agreement and agreed to by the LVVWAC.

Upon revision by SNWA and approval by the LVVWAC, the annual Wash CIP update is submitted to the SNWA Board of Directors for review and action.

4.3 Funding Approval

As appropriate, SNWA prepares and submits Wash CIP funding agreements to the LVVWAC for review. Funding agreements prepared and submitted by SNWA may also define the process whereby entities other than the parties to the Amended Agreement may either fund or contribute to the Wash CIP.

Subsequent to the LVVWAC's review of funding agreements, SNWA submits the funding agreements to each of the local governmental agencies comprising the LVVWAC for consideration and possible approval by their respective Governing Boards as a part of the individual Party's overall budgeting process.

5.0 Funding and Expenditures

5.1 Funding-To-Date

Sales Tax and Grant Funding: The Wash CIP has been partially funded through receipt of local sales tax revenues. The Wash currently receives four percent (4%) of a ¼ cent sales tax allocated for funding water and wastewater projects in Clark County. The Wash has also received capital grant funding commitments from the Southern Nevada Public Lands Management Act (SNPLMA).

Other Local Agency Funding: In addition to local sales tax revenues and SNPLMA grants, the Wash CIP has received funding or funding commitments from other local agencies through in-kind construction activities or direct funding to SNWA.

Interfund Loans: Periodically, projected, near-term capital expenses for construction of stabilization facilities in the Wash will exceed available cash on hand generated from sales tax and grant funding. In these cases, the Wash CIP will borrow money from SNWA's New Expansion Debt Service fund account, as available.

Funding and funding sources to-date are shown in Table 1 below:

Table 1
Funding-to-Date
1999 – FY 2018/2019

	Е	stimated	
Funding Source	Fund	ling-to-Date	%
Sales Tax (Actuals through November 2018 and Estimate through June 2019)	\$	64,014,343	41.0
US Bureau of Reclamation Grants	\$	5,979,224	3.8
SNPLMA Funding (Actuals through FY 18 and Estimate for FY19)	\$	55,472,508	35.6
Miscellaneous State and Federal Grants	\$	445,500	0.3
Other Local Agency Funding	\$	15,004,000	9.6
Estimated Outstanding Interfund Loan as of June 30, 2019	\$	15,038,459	9.7
Total:	\$	155,954,034	100.0

5.2 Expenditures

5.2.1 Expenditures-To-Date

From 1999 through June 2019, Wash CIP total expenditures have been as shown in Table 2 below. These expenditures include contributions by other stakeholder agencies for capital improvements to the Wash.

Other stakeholder agency expenditures have included: Clark County, design and construction of the Pabco Road Weir at approximately \$5,700,000; Lake Las Vegas Resort, design and construction of the Fire Station Weir at approximately \$63,000; SNWA Water CIP, design and construction of the Rainbow Gardens Weir as part of the East Valley Water Lateral crossing of the Wash, at approximately \$7,238,000; SNWA and City of Henderson construction of Demonstration Weir, at approximately \$173,000; construction of Historic Lateral Weir, at approximately \$1,830,000; and US Bureau of Reclamation construction activities.

Expenditures include repayment with interest, of funds borrowed from the New Expansion Debt Service fund account.

Capital construction expenditures to-date are shown in Table 2 below:

Table 2
Total Expenditures-to-Date
1999 – FY 2018/2019

		Total	
Program	Expen	ditures-to-Date	%
Channel Stabilization	\$	138,610,050	90.5
Revegetation	\$	2,776,826	1.8
Comprehensive Programs	\$	8,598,997	5.6
Repayment of Interfund Borrowings (Actuals through FY18 and Estimate for FY19)	\$	3,168,464	2.1
Total:	\$	153,154,337	100.0

5.2.2 Future Expenditures

Current projections of future capital expenditures for the Wash CIP are detailed in the Construction Program Master Plan shown in Appendix C. Projected expenditures are shown in both current dollars and projected expenses, accelerated to future construction mid-point dollar cost, based upon an estimated current three percent (3%) annual growth. Funding commitments for individual projects will be based upon availability of funds at the time the commitment is made. Estimated capital expenditures are summarized in Table 3 below:

Table 3
Projected Expenditures
2019/2020-2023/2024 (Present \$)

Wash CIP Component	rojected penditures	%
Channel Stabilization	\$ 7,700,000	68.4
Revegetation Programs	\$ 944,382	7.9
Comprehensive Programs	\$ 1,200,000	10.0
Interest Expense	\$ 2,700,189	22.5
Total Projected Expenditures:	\$ 12,544,571	100.0

6.0 **Priority Assessment**

The Operations Study Team of the LVWCC has developed a methodology for prioritization of each proposed gradient control and bank protection capital expenditure in the Wash. Rating factors utilized in establishing proposed project priorities are described in Appendix E of this plan.

Unless otherwise noted, bank protection capital investments will occur during implementation of the next downstream gradient control facility. Where severe bank erosion is occurring, stabilization may precede downstream gradient control implementation. Revegetation investments normally follow channel bed and bank stabilization, where practical. Unless otherwise noted, revegetation projects are planned for implementation following channel stabilization projects and are not shown in a separate priority evaluation within this Wash CIP.

Over the long-term life of the Wash CIP, priorities may change as need, funding, and other issues arise. Therefore SNWA, acting through the Operations Study Team and the LVVWAC, will annually review the prioritization schedule, evaluation criteria, proposed candidate project list, and available funding to assess current priorities. A summary of the criteria applied to assess prioritization, as developed by the Operations Study Team, and as approved by the LVVWAC are as follows:

- Upstream Stability
- System Relationship
- Water Quality Enhancement
- Recreational Opportunity
- Public Safety
- Regulatory Permitting Requirements
- Access
- Cost Avoidance
- Availability of Other Funding

Detailed descriptions of these criteria are found in Appendix F of this plan.

Annually, the SNWA staff calculates priority values for each proposed project based upon the prioritization criteria outlined herein. These values and proposed project rankings are then reviewed, discussed, and/or modified by the Operations Study Team of the LVVWAC. Project activity is then scheduled, as much as practical, to follow priority rankings described in Appendix E. Issues such as land ownership, construction conflict, potential cost savings in grouping several projects together under a single construction contract, and similar issues may cause some projects of lower priority to be scheduled for construction in conjunction with higher priority projects.

After SNWA develops a proposed project implementation schedule, the draft priority and project rankings are submitted to the Operations Study Team of the LVWCC for further review and/or modification. SNWA then publishes those findings in annual updates of the Wash CIP and submits the update to the LVVWAC and SNWA Board of Directors for review and action.

7.0 2019-20 Project Work Plan

The Project Work Plan presented in Appendix A, represents a series of projects scheduled for activity during the next two years for which funding sources have been or are expected to be identified. The funding for individual capital projects will come from revenues generated from sales taxes. Funding commitments for individual projects will be based upon availability of funds at the time the commitment is made. The Project Work Plan is a sub-set of the Construction Program Master Plan detailed in Appendix C.

The Project Work Plan budget is based upon current estimates of present cost and projected actual cost, accelerated to anticipated midpoints of design and construction period activities. Project costs may change depending upon final design configuration, modified design criteria, or construction prices at the time of construction bidding. Where construction cost estimates or bids exceed expected revenues at the scheduled time of construction, a project may be delayed to a future time when revenues become available. Where expenditures are found to be less than available funding, with LVVWAC approval, additional candidate projects may be incorporated into the Project Work Plan for implementation.

8.0 Ownership

The planned erosion control facilities lie within the boundaries of the Clark County Wetlands Park. Consistent with the Amended Agreement, SNWA will transfer ownership to Clark County of stabilization facilities, including channel stabilization facilities, revegetated areas, and other facilities when deemed appropriate by the SNWA and Clark County.

9.0 Operations and Maintenance

In accordance with the Amended Agreement, SNWA operates and maintains Wash facilities, including channel stabilization projects and revegetated areas described in this Wash CIP and Project Work Plan until such time that ownership is transferred to Clark County.

The SNWA conducts these activities in conformance with the Operations and Maintenance Plan for the Wash. Currently, SNWA's operations and maintenance activities are financed through assessments levied to individual LVVWAC member agencies, through the utilization of Bureau of Reclamation construction grant funding or through flood control maintenance funds allocated to SNWA by Clark County.

Appendix A 2019-20 Work Plan Budget Allocation

2019/2020 Las Vegas Wash Capital Improvements Plan

2019-20 WORK PLAN BUDGET ALLOCATION

		Project	Project						
Proj.		Start	Finish						Total
No.	Project Title	Date	Date	19/20	20/21	21/22	22/23	23/24	Project Cost
	<u>Design</u>								,
	Design, Total:			\$0	\$0	\$0	\$0	\$0	\$0
	<u>Construction</u>								
	Final Weir Modifications			\$3,600,000	\$3,600,000	\$500,000			\$7,700,000
	Constrution, Total:			\$3,600,000	\$3,600,000	\$500,000	\$0	\$0	\$7,700,000
	Revegetation	- 4: 4:-	- 1 1	4					4
880K	Three Kids Weir	9/1/2015	8/30/2020	\$85,054	4				\$85,054
880C	Historic Lateral Weir	8/1/2019	10/1/2020	\$216,727	\$87,985				\$304,712
880W	Sunrise Mountain Weir	8/1/2019	10/1/2020	\$256,004	\$40,703				\$296,707
880S	Tropicana Weir	5/1/2018	9/30/2019	\$209,521	\$48,388				\$257,909
	Revegetation Total:			\$767,306	\$177,076	\$0	\$0	\$0	\$944,382
	Comprehensive Programs								
860V	BOR Materials and Equipment			\$300,000	\$300,000	\$300,000			\$900,000
860P	Flood Repair Allocation			\$100,000	\$100,000	\$100,000			\$300,000
	Comprehensive, Total:			\$400,000	\$400,000	\$400,000	\$0	\$0	\$1,200,000
	Work Plan Cost Summary								
	Design Design								\$0
	Construction			\$3,600,000	\$3,600,000	\$500,000			\$7,700,000
	Revegetation			\$767,306	\$177,076	\$0			\$944,382
	Comprehensive			\$400,000	\$400,000	\$400,000			\$1,200,000
	Interest Expense			\$765,886	\$778,149	\$617,048	\$392,627	\$146,479	\$2,700,189
	Total Program:			\$5,533,192	\$4,955,225	\$1,517,048	\$392,627	\$146,479	\$12,544,571

Appendix B Project Descriptions

Project Descriptions

		Ī		
Project Title:	Final Weir Structure Modifications		Project Number:	TBD
			Project Status:	Planned
with contract doc	on: ended to revisit existing weir structures and ens tuments and make any modifications necessary associated permits. The project will also address	to bring	them into compliance with	contract
Project Title:	Flood Repair Allocation		Project Number: Project Status:	860P Planned
project will allow	es may damage existing stabilization facilities or of the construction repair of stabilization facilities as tabilization facilities will limit the ability of the	ies follo	owing major flood events w	here further
Project Title:	BOR Materials and Equipment		Project Number: Project Status:	860V Planned
Project Description	on:			
partnership with for construction r	nstalls bank protection and performs other cons the U.S. Bureau of Reclamation. Construction ac materials acquisition and construction equipmer eed on an annual basis as federal funding is iden s.	tivities it renta	are cost-shared with SNWA . This project allows for the	providing funding cost-sharing
Project Title:	Historic Lateral Weir		Project Number:	880C
	Revegetation		<u>Project Status:</u>	Construction
	on: ended to replace wetlands and other vegetation ovide erosion control and habitat benefits. This		-	

Project Descriptions

 Project Title:
 Three Kids Weir Revegetation
 Project Number:
 880K

 Project Status:
 Construction

Project Description:

This project is intended to replace wetlands and other vegetation removed during weir construction, stabilize the stream banks, provide erosion control and habitat benefits. This Project is being funded by SNPLMA grants and sales tax revenues.

Project Title:Tropicana Weir RevegetationProject Number:880SProject Status:Construction

Project Description:

This project is intended to replace wetlands and other vegetation removed during weir construction, stabilize the stream banks, provide erosion control and habitat benefits. This Project will be funded by sales tax revenue.

 Project Title:
 Sunrise Mountain Weir Revegetation
 Project Number:
 880W

 Project Status:
 Programmed

Project Description:

This project is intended to replace wetlands and other vegetation removed during weir construction, stabilize the stream banks, provide erosion control and habitat benefits. This Project will be funded by sales tax revenues.

Appendix C 2019/2020 Las Vegas Wash Construction Program Master Plan

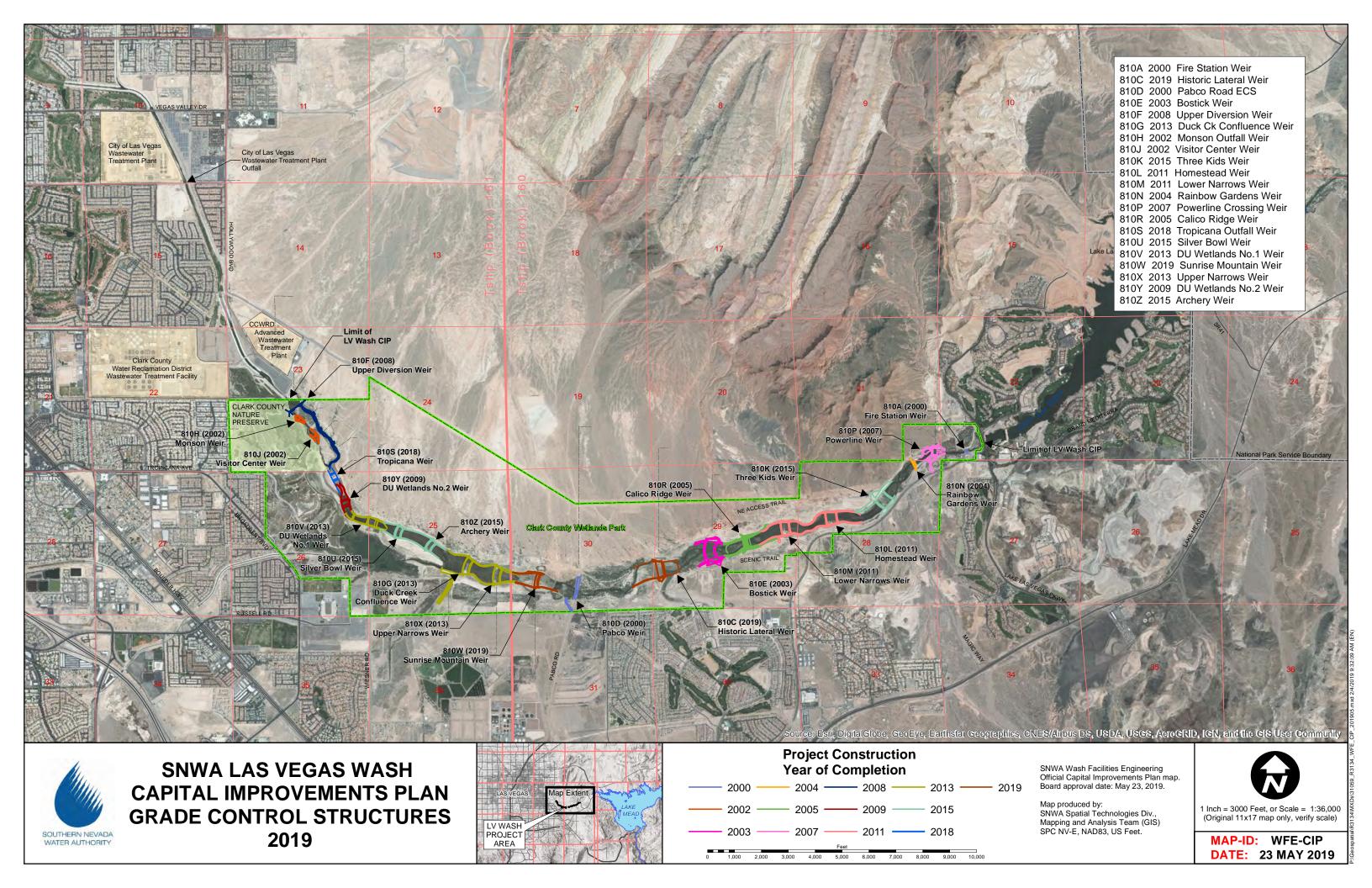
Fiscal Year 2019/2020 Las Vegas Wash Construction Program Master Plan

																		,	
Design	Project Name	Start	Finish	Present Value	Future Value		FY19/20		FY20/21	ı	Y21/22	FY	/22/23	FY	23/24	FY2	24/25		Total
			TOTAL	\$ -	\$ -	\$		\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	T	1				1		T				ı		1		l		1	
Construction	Project Name	Start	Finish	Present Value	Future Value		FY19/20		FY20/21		Y21/22	F١	/22/23	FY	23/24	FY2	24/25		Total
TBD	Final Weir Modifications	7/1/2019	12/31/2022	\$ 7,700,000	\$ 7,700,000	\$	3,600,000	\$	3,600,000	\$	500,000	\$	-	\$	-	\$	-	\$	7,700,000
						\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
						\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
			TOTAL	\$ 7,700,000	\$ 7,700,000	\$	3,600,000	\$	3,600,000	\$	500,000	\$	-	\$	-	\$	-	\$	7,700,000
	T	1				Г		1				1		1		ı		l	
Revegetation	Project Name	Start	Finish	Present Value	Future Value		FY19/20		FY20/21		Y21/22	F١	/22/23	FY	23/24	FY2	24/25		Total
880K	Three Kids Weir	9/1/2015	12/31/2019	\$ 85,054	\$ 85,054	\$	85,054			\$	-	\$	-	\$	-	\$	-	\$	85,054
880C	Historic Lateral Weir	6/1/2018	8/31/2019	\$ 304,712	\$ 304,712		\$216,727	1	\$87,985	\$	-	\$	-	\$	-	\$	-	\$	304,712
880W	Sunrise Mountain Weir	6/1/2018	8/31/2019	\$ 296,707	\$ 296,707		\$256,004		\$40,703	\$	-	\$	-	\$	-	\$	-	\$	296,707
880S	Tropicana Weir	10/1/2018	9/30/2019	\$ 257,909	\$ 257,909		\$209,521		\$48,388	\$	-	\$	-	\$	-	\$	-	\$	257,909
			TOTAL	\$ 944,382	\$ 944,382	\$	767,306	\$	177,076	\$	-	\$	-	\$	-	\$	-	\$	944,382
	T				T	_		1	:1	1				1		1		1	
Comprehensive	Project Name	Start	Finish	Present Value	Future Value		FY19/20		FY20/21	ı	Y21/22	F۱	/22/23	FY	23/24	FY2	24/25		Total
860P	Flood Repair Allocation	1/2/2015	1/1/2017	\$ 300,000	\$ 300,000	\$	100,000	\$	100,000	\$	100,000	\$	-	\$	-	\$	-	\$	300,000
860V	BOR Materials & Equipment	2/10/2015	3/11/2017	\$ 900,000	\$ 900,000	\$	300,000	\$	300,000	\$	300,000	\$	-	\$	-	\$	-	\$	900,000
			TOTAL	\$ 1,200,000	\$ 1,200,000	\$	400,000	\$	400,000	\$	400,000	\$	-	\$	-	\$	-	\$	1,200,000
F																			
	TOTAL FY 18/19 WASH CI	P		\$ 9,844,382	\$ 9,844,382	\$	4,767,306	\$	4,177,076	\$	900,000	\$	-	\$	-	\$	-	\$	9,844,382

_										
Ī	TOTAL FY 18/19 WASH CIP	\$ 9,844,382	\$ 9,844,382	\$ 4,767,306	\$ 4,177,076	\$ 900,000	\$ -	\$ -	\$ -	\$ 9,844,382
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2019 Las Vegas Wash CIP - Appendix C 01/25/2019

Appendix D Location Map



Appendix E Ranking Criteria Scoring Channel Bed Stabilization

2019 - 20 Capital Improvements Plan Ranking Criteria Scoring Channel Bed Stabilization

												`ritari	ia Sco	ro							—	\neg
			Station	owerline Crossing	Rainbow Gardens	Three Kids Weir	lomestead	ower Narrows	Calico Ridge	Sostick	eral		Ë	ows	Duck Creek	Silverbowl	DU Wetlands 1	OU Wetlands 2	ropicana	/isitor Center	Monson	Upper Diversion
Factor	Criteria	Score	Fire	Po	Rai	革	Ноі	ľo	Cal	Bos	His	Pak	Sur	o d	מן מ	Silv	DQ	ρa	Tro	Visi	δ	n
Upstream	Active headcutting risking upstream channel, structures, or banks	5		5	5	5	5	5	5	5	5	5		5	5	5	5	5				5
Stability	Moderate headcutting in silty or sandy channel bed, some bank stability threat	3	3										3				3			3	3	
	Slow headcutting in caliche or bedrock, little bank stability threat	1																	1			
System	Provides important foundation or stability support for other facilities	5	5	5	5	5	5	5	5	5	5	5		5		5 !	5	5	5	5	5	5
Relationship	Provides moderate foundation or stability support to other Wash features	3											3		3							
	Provides minor or no foundation or stability support to other facilities	1																				
Cost	Will reduce capital cost of other facilities or is a low maintenance facility	5	5	5	5	5	5	5		5	5	5	5		5	5 !	5	5	5			5
Avoidance	Provides minor capital cost savings for other facilities or minor annual maintenance expected	3							3					3						3	3	
	Provides no reduction in capital cost for other facilities, high maintenance expected	1																				
Water	Provides large volume for sediment capture or 5 or more acres potential wetlands area	5			5	5	5	5		5	5				5							
Quality	Provides minor volume of sediment capture or 3 or more acres potential wetlands area	3	3	3								3	3	3		3	3	3				3
	Provides little or no volume for sediment capture or less than 1 acre of potential wetlands area	1							1										1	1	1	
Ecosystem	Provides platform for ecosystem enhancement covering greater than 5 acres	5			5	5	5	5		5	5	5			5			5				
Enhancement	Provides platform for ecosystem enhancement covering greater than 3 acres	3	3	3									3	3		3	3	3	3			3
	Provides platform for ecosystem enhancement covering 1 acre or more	1							1											1	1	
Recreational	Directly reduces threat to recreational features	5		5		5	5	5							5			5		5	5	5
Opportunities	Provides possible threat reduction to recreational features	3			3					3	3	3		3		3	3		3			
	Provides little or no threat reduction to recreational features	1	1						1				1									
Public	Is strongly beneficial to public safety associated with activities in the Wash	5				5	5	5				5							5	5	5	5
Safety	Provides some improvement to public safety associated with activities in the Wash	3		3	3				3	3	3		3	3	3		3	3				
	Provides little improvement to public safety associated with activities in the Wash	1	1													1 :	L					
Permitting	Relatively minor permitting issues to be resolved	5	5			5	5		5	5			5	5			5	5		5	5	
	Wetlands, WQ, Wildlife, or Archeological issues exist and clearance required	3		3	3			3			3				3	3			3			3
	A sensitive site requiring mitigation or high level of protection	1										1				:	L					
ROW &	Local Government Ownership, relatively easy acquisition	5		5	5		5	5		5	5	5		5	5	5 !	5	5	5	5	5	5
Access	Federal Ownership, requiring federal review and approval	3							3				3									
	Private Ownership requiring extended negotiations	1	1			1																
Other	other local, state, or federal funding assistance for > 50% of project cost	5	5	5	5	5	5	5	5		5	5						5		5	5	5
Funding	Identified possibility for additional local, state, federal funding assistance for > 25% of project	3												3	3	:	3					
	No additional funding assistance identified beyond local sales tax revenues or < 25% project	1								1			1			1			1			

= In Construction or Completed

2019 Las Vegas Wash CIP - Appendix E

Appendix F 2019-20 Project Prioritization Channel Bed Stabilization

2019 - 20 Project Prioritization Channel Bed Stabilization

	<u> </u>							Dric	rity E	acto	r and V	/eio	zht						T	I		
				Stability	Relationship	Cost Avoidance		WQ Enhancement		Echosystem Enhancement		Kecreational Benefit	Public Safety		Permitting		ROW & Access	Other Funding		Priority Value	Ranking	In Construction or Completed
Facility Dansaigntian	Channel	Facility					╁╴					+							+	_	~	
Facility Description	Station 9470	ID 810M	5	5 5	5	5	5	3.5	5	3.5	5	.5	3.5	3	2.5	5	2.5	2. 5	•			х
Lower Narrows	9470	810M	_	25	25	25		17.5		7.5	5 17	- 1	17.5	3	7.5		12.5		5 177	7.5		^
Homestead	6740	810L	5	5		5 25	5	17.5	5	7.5	5 17	5		3		5	12.5	5 12.				х
Three Kids Weir	5150	810K	5	5 25	25	5 25	5	17.5	5 1	7.5	5 17	.5	5 17.5	5	12.5	1	2.5	5 12.	5 172	2.5		х
Historic Lateral	15400	810C (910AR)	5	5 25		5 25	5		5		3 10	9		3		5		5 12.				х
Rainbow Gardens	3120	810N (170A)	5	5 25	25	5 25	5	17.5	5 1	7.5	3 10	.5	3 10.5	3	7.5	5	12.5	5 12.	5 163	3.5		Х
Upper Diversion	35650	810F	5	5 25	25	5 25	3	10.5	3	0.5	5 17	.5	5 17.5	3	7.5	5	12.5	5 12.	5 163	3.5		х
Pabco Road	20000	810D	5	5 25	25	5 25	3	10.5	5	7.5	3 10	.5	5 17.5	1	2.5	5	12.5	5 12.	5 158	3.5		Х
Bostick Weir	13300	810E	5 25	.0 5	25.0	5 25.0	5	17.5	5	7.5	3 10	.5	3 10.5	5	12.5	5	12.5	1 2.	5 158	3.5		х
Powerline Crossing	1950	810P	5	5 25	25	5 25	3	10.5	3	0.5	5 17	.5	3 10.5	3	7.5	5	12.5	5 12.	5 156	5.5		х
DU Wetlands 1	29500	810V	5	5 25	25	5 25	3	10.5	3	0.5	3 10	.5	3 10.5	5	12.5	5	12.5	5 12.	5 154	1.5		х
Duck Creek Confluence	25330	810G	5 25	.0 3	15.0	5 25.0	5	17.5	5	7.5	5 17	.5	3 10.5	3	7.5	5	12.5	3 7.	5 155	5.5		х
Upper Narrows	23500	810X	5	5 25	25	3 15	3	10.5	3	0.5	3 10	.5	3 10.5	5	12.5	5	12.5	3 7.	5 139	9.5		x
Visitor Center	33850	810J	3	5 15	25	3 15	1	3.5	1	3.5	5 17	.5	5 17.5	5	12.5	5	12.5	5 12.	5 134	1.5		х
Monson Weir	34950	810H	3	5 15	25	3 15	1	3.5	1	3.5	5 17	.5	5 17.5	5	12.5	5	12.5	5 12.	5 134	1.5		х
DU Wetlands 2	31100	810Y		15 15	15	5 25	3	10.5	5	7.5	5 17	.5	10.5	3	7.5	3	7.5	3 7.	5 133	3.5		х
Calico Ridge	11400	810R		25 25	25	5 25	1	3.5		3.5		.5	10.5	5	12.5	3	7.5		5 128	3.5		Х
Archery	26500	810Z		25	25	5 25	1	10.5		0.5	3	7	3.5	3	7.5		12.5		5 132	2.5		х
Silver Bowl	28190	810U		15 15	25	5 25		10.5		0.5	3 10		3.5	1	2.5		12.5		5 122	2.5		Х
Fire Station	690	810A	3	5 15	25	5 25	3	10.5	3	0.5	1 3	.5	3.5	5	12.5	1	2.5	5 12.	5 120).5		х
Tropicana	32300	8105	1	5 5	25	5 25	1	3.5	3	0.5	3	.5	5 17.5	3	7.5	5	12.5	1 2.	5 119	9.5		х
Sunrise Mountain	22000	810W	3	3 15	15	5 25	3	10.5	3	0.5	1 3	.5	3 10.5	5	12.5	3	7.5	1 2.	5 112	2.5		х

= In Construction or Completed

Appendix G Sales Tax Received and Distributed



		Receipts		Dist	ributions	
Collection	Received	Gross	Clark Co.		Wastewater	Other SNWA
Month	Date	Amount	Rural Areas	LV Wash	Agencies	Capital
Apr-99	07-Jul-99	3,995,539	168,120	159,822		3,667,597
May-99	27-Jul-99	4,083,781	171,833	163,351		3,748,597
, Jun-99	27-Aug-99	4,466,631	187,942	178,665		4,100,023
Fiscal Year 1998-1999)	12,545,951	527,896	501,838	0	11,516,217
Jul-99	24-Sep-99	3,876,062	163,093	155,042		3,557,926
Aug-99	22-Oct-99	4,056,713	170,694	162,269		3,723,750
Sep-99	29-Nov-99	4,389,790	184,709	175,592		4,029,490
Oct-99	27-Dec-99	4,081,697	171,746	163,268		3,746,683
Nov-99	25-Jan-00	4,210,101	177,148	168,404		3,864,548
Dec-99	29-Feb-00	5,077,263	213,636	203,091		4,660,537
Jan-00	24-Mar-00	4,011,032	168,772	160,441		3,681,819
Feb-00	25-Apr-00	4,056,425	170,682	162,257		3,723,485
Mar-00	26-May-00	4,718,344	198,534	188,734		4,331,076
Apr-00	28-Jun-00	4,285,442	180,319	171,418		3,933,706
May-00	21-Jul-00	4,403,289	185,277	176,132		4,041,880
Jun-00	25-Aug-00	4,816,863	202,679	192,675		4,421,510
Fiscal Year 1999-2000)	51,983,020	2,187,290	2,079,321	0	47,716,410
Jul-00	22-Sep-00	4,316,705	181,634	172,668		3,962,402
Aug-00	20-Oct-00	4,470,849	188,120	178,834		4,103,895
Sep-00	29-Nov-00	4,819,576	202,793	192,783		4,424,000
Oct-00	22-Dec-00	4,363,936	183,621	174,557		4,005,757
Nov-00	22-Jan-01	4,423,627	186,133	176,945		4,060,549
Dec-00	26-Feb-01	5,353,220	225,247	214,129		4,913,843
Jan-01	23-Mar-01	4,196,777	176,588	167,871		3,852,319
Feb-01	20-Apr-01	4,238,834	178,357	169,553		3,890,923
Mar-01	25-May-01	5,122,948	215,558	204,918		4,702,472
Apr-01	22-Jun-01	4,554,600	191,644	182,184	1,588,693	2,592,078
May-01	20-Jul-01	4,811,654	202,460	192,466	1,678,357	2,738,371
Jun-01	24-Aug-01	4,913,175	206,732	196,527	1,713,768	2,796,148
Fiscal Year 2000-2001	L	55,585,901	2,338,888	2,223,436	4,980,818	46,042,758



		Receipts		Dist	ributions	
Collection	Received	Gross	Clark Co.		Wastewater	Other SNWA
Month	Date	Amount	Rural Areas	LV Wash	Agencies	Capital
Jul-01	21-Sep-01	4,573,130	192,424	182,925	1,595,157	2,602,625
Aug-01	19-Oct-01	4,769,281	200,677	190,771	1,663,576	2,714,256
Sep-01	27-Nov-01	4,281,399	180,148	171,256	1,493,398	2,436,597
Oct-01	26-Dec-01	4,694,971	197,550	187,799	1,637,656	2,671,966
Nov-01	29-Jan-02	4,472,344	188,183	178,894	1,560,002	2,545,266
Dec-01	01-Mar-02	5,232,197	220,155	209,288	1,825,046	2,977,707
Jan-02	25-Mar-02	4,326,825	182,060	173,073	1,509,243	2,462,449
Feb-02	22-Apr-02	4,349,265	183,004	173,971	1,517,070	2,475,220
Mar-02	24-May-02	5,103,196	214,727	204,128	1,780,050	2,904,291
Apr-02	26-Jun-02	4,750,192	199,874	190,008	1,656,918	2,703,393
May-02	22-Jul-02	4,821,868	202,890	192,875	1,681,919	2,744,184
Jun-02	26-Aug-02	4,970,042	209,124	198,802	1,733,604	2,828,512
Fiscal Year 2001-200	2	56,344,710	2,370,816	2,253,788	19,653,640	32,066,465
Jul-02	27-Sep-02	4,749,455	199,843	189,978	1,656,661	2,702,973
Aug-02	29-Oct-02	5,022,283	211,323	200,891	1,751,826	2,858,243
Sep-02	27-Nov-02	4,874,256	205,094	194,970	1,700,193	2,773,999
Oct-02	30-Dec-02	4,823,952	202,977	192,958	1,682,646	2,745,370
Nov-02	27-Jan-03	4,774,929	200,915	190,997	1,665,546	2,717,470
Dec-02	28-Feb-03	5,797,103	243,925	231,884	2,022,092	3,299,203
Jan-03	28-Mar-03	4,691,519	197,405	187,661	1,636,452	2,670,001
Feb-03	25-Apr-03	4,578,090	192,632	183,124	1,596,887	2,605,447
Mar-03	30-May-03	5,436,587	228,755	217,463	1,896,340	3,094,028
Apr-03	27-Jun-03	5,141,704	216,347	205,668	1,793,481	2,926,207
May-03	28-Jul-03	5,209,543	219,202	208,382	1,817,145	2,964,815
Jun-03	29-Aug-03	5,479,729	230,571	219,189	1,911,388	3,118,581
Fiscal Year 2002-200	3	60,579,149	2,548,989	2,423,166	21,130,658	34,476,336
Jul-03	29-Sep-03	5,289,908	222,583	211,596	1,845,177	3,010,551
Aug-03	24-Oct-03	5,567,909	234,281	222,716	1,942,146	3,168,765
Sep-03	26-Nov-03	5,593,449	235,356	223,738	1,976,128	3,158,228
Oct-03	26-Dec-03	5,504,945	166,762	220,198	1,944,834	3,173,151
Nov-03	30-Jan-04	5,255,726	159,212	210,229	1,856,788	3,029,497
Dec-03	27-Feb-04	6,274,646	190,078	250,986	2,216,761	3,616,821
Jan-04	26-Mar-04	5,611,388	169,986	224,456	1,982,440	3,234,507
Feb-04	30-Apr-04	5,373,733	162,787	214,949	1,898,479	3,097,518
Mar-04	28-May-04	6,609,509	200,222	264,380	2,335,065	3,809,842
Apr-04	25-Jun-04	5,958,389	180,498	238,336	2,105,031	3,434,525
May-04	30-Jul-04	6,248,803	189,295	249,952	2,207,631	3,601,924
Jun-04	27-Aug-04	6,435,920	194,964	257,437	2,273,737	3,709,782
Fiscal Year 2003-200	14	69,724,324	2,306,023	2,788,973	24,584,217	40,045,111



		Receipts		Dist	ributions	
Collection	Received	Gross	Clark Co.		Wastewater	Other SNWA
Month	Date	Amount	Rural Areas	LV Wash	Agencies	Capital
Jul-04	24-Sep-04	6,376,348	193,159	255,054	2,252,691	3,675,444
Aug-04	28-Oct-04	6,277,281	190,158	251,091	2,217,692	3,618,339
Sep-04	29-Nov-04	6,646,048	201,329	265,842	2,347,973	3,830,904
Oct-04	23-Dec-04	6,403,724	193,988	256,149	2,262,363	3,691,224
Nov-04	28-Jan-05	6,306,345	191,038	252,254	2,227,960	3,635,093
Dec-04	25-Feb-05	7,757,964	235,012	310,319	2,740,801	4,471,833
Jan-05	28-Mar-05	6,057,705	183,506	242,308	2,140,118	3,491,772
Feb-05	29-Apr-05	6,093,734	184,598	243,749	2,152,847	3,512,540
Mar-05	27-May-05	7,596,622	230,125	303,865	2,683,800	4,378,832
Apr-05	, 24-Jun-05	6,875,146	208,269	275,006	2,428,911	3,962,960
May-05	29-Jul-05	7,140,352	216,303	285,614	2,522,605	4,115,830
Jun-05	26-Aug-05	7,494,219	227,023	299,769	2,647,622	4,319,805
Fiscal Year 2004-200	5	81,025,486	2,454,508	3,241,019	28,625,384	46,704,574
			242 = 24		2 404 672	
Jul-05	30-Sep-05	7,024,506	212,794	280,980	2,481,678	4,049,054
Aug-05	27-Oct-05	7,060,064	213,871	282,403	2,494,240	4,069,550
Sep-05	29-Nov-05	7,338,501	222,306	293,540	2,592,609	4,230,046
Oct-05	30-Dec-05	7,016,781	212,560	280,671	2,478,949	4,044,601
Nov-05	27-Jan-06	6,888,714	208,680	275,549	2,433,704	3,970,781
Dec-05	01-Mar-06	8,587,151	260,131	343,486	3,033,743	4,949,791
Jan-06	31-Mar-06	6,743,203	204,272	269,728	2,382,297	3,886,905
Feb-06	28-Apr-06	6,815,659	488,723	272,626	2,334,259	3,720,050
Mar-06	01-Jun-06	8,081,356	441,313	323,254	2,780,380	4,536,409
Apr-06	03-Jul-06	7,394,368	233,876	295,775	2,608,593	4,256,125
May-06	28-Jul-06	7,484,835	236,737	299,393	2,640,508	4,308,197
Jun-06	30-Aug-06	7,993,628	252,830	319,745	2,820,000	4,601,053
Fiscal Year 2005-200	6	88,428,765	3,188,091	3,537,151	31,080,961	50,622,562
Jul-06	02-Oct-06	7,199,840	227,723	287,994	2,539,967	4,144,157
Aug-06	31-Oct-06	7,323,145	231,623	292,926	2,583,467	4,215,130
Sep-06	29-Nov-06	7,582,818	239,836	303,313	2,675,074	4,364,595
Oct-06	29-Dec-06	7,100,583	224,584	284,023	2,504,951	4,087,025
Nov-06	27-Jan-07	7,046,861	222,884	281,874	2,485,999	4,056,103
Dec-06	28-Feb-07	8,573,457	271,169	342,938	3,024,553	4,934,797
Jan-07	30-Mar-07	6,910,453	218,570	276,418	2,437,877	3,977,588
Feb-07	27-Apr-07	6,986,205	220,966	279,448	2,464,601	4,021,191
Mar-07	31-May-07	8,161,105	258,127	326,444	2,879,083	4,697,451
Apr-07	29-Jun-07	7,153,765	226,266	286,151	2,523,712	4,117,636
May-07	30-Jul-07	7,417,299	201,355	296,692	2,629,316	4,289,936
Jun-07	31-Aug-07	7,918,593	210,795	316,744	2,808,601	4,582,454
Fiscal Year 2006-200	7	89,374,124	2,753,898	3,574,965	31,557,199	51,488,062



		Receipts	Distributions						
Collection	Received	Gross	Clark Co.		Wastewater	Other SNWA			
Month	Date	Amount	Rural Areas	LV Wash	Agencies	Capital			
Jul-07	28-Sep-07	7,035,191	187,279	281,408	2,495,272	4,071,233			
Aug-07	31-Oct-07	7,030,120	187,144	281,205	2,493,473	4,068,298			
Sep-07	30-Nov-07	7,371,728	196,238	294,869	2,614,636	4,265,985			
Oct-07	31-Dec-07	7,203,147	191,750	288,126	2,554,843	4,168,428			
Nov-07	30-Jan-08	7,001,344	186,378	280,054	2,483,267	4,051,646			
Dec-07	29-Feb-08	8,565,788	241,384	342,632	3,033,074	4,948,699			
Jan-08	28-Mar-08	6,498,944	205,938	259,958	2,292,558	3,740,490			
Feb-08	30-Apr-08	6,544,565	184,426	261,783	2,317,376	3,780,981			
Mar-08	30-May-08	7,683,503	216,521	307,340	2,720,664	4,438,978			
Apr-08	27-Jun-08	6,927,960	195,230	277,118	2,453,132	4,002,479			
May-08	31-Jul-08	7,171,987	202,107	286,879	2,539,540	4,143,461			
Jun-08	29-Aug-08	7,242,215	204,086	289,689	2,564,408	4,184,033			
Fiscal Year 2007-200	8	86,276,491	2,398,479	3,451,060	30,562,242	49,864,710			
Jul-08	29-Sep-08	6,712,162	189,149	268,486	2,376,720	3,877,807			
Aug-08	30-Oct-08	7,180,618	205,186	287,225	2,541,519	4,146,688			
Sep-08	25-Nov-08	6,622,651	189,242	264,906	2,344,031	3,824,472			
Oct-08	28-Dec-08	6,608,538	188,839	264,342	2,339,036	3,816,322			
Nov-08	30-Jan-09	6,058,233	173,114	242,329	2,144,260	3,498,530			
Dec-08	27-Feb-09	6,913,934	197,566	276,557	2,447,128	3,992,683			
Jan-09	30-Mar-09	5,440,196	155,454	217,608	1,925,511	3,141,624			
Feb-09	30-Apr-09	5,320,986	152,047	212,839	1,883,318	3,072,781			
Mar-09	29-May-09	6,589,177	188,286	263,567	2,332,183	3,805,141			
Apr-09	26-Jun-09	5,838,658	166,840	233,546	2,066,543	3,371,728			
May-09	30-Jul-09	5,790,455	165,462	231,618	2,049,482	3,343,892			
Jun-09	28-Aug-09	5,958,459	170,263	238,338	2,108,946	3,440,912			
Fiscal Year 2008-200	9	75,034,067	2,141,447	3,001,363	26,558,678	43,332,579			
Jul-09	29-Sep-09	5,411,301	167,577	216,452	1,910,363	3,116,908			
Aug-09	29-Oct-09	5,435,528	168,327	217,421	1,918,916	3,130,863			
Sep-09	30-Nov-09	5,630,829	174,376	225,233	1,987,864	3,243,357			
Oct-09	30-Dec-09	5,467,931	169,331	218,717	1,930,356	3,149,527			
Nov-09	29-Jan-10	5,421,077	167,880	216,843	1,913,815	3,122,540			
Dec-09	26-Feb-10	6,590,956	204,109	263,638	2,326,819	3,796,390			
Jan-10	31-Mar-10	5,108,796	158,209	204,352	1,803,569	2,942,666			
Feb-10	30-Apr-10	5,108,584	158,203	204,343	1,803,495	2,942,544			
Mar-10	28-May-10	6,069,444	187,959	242,778	2,142,709	3,495,999			
Apr-10	30-Jun-10	5,998,218	185,753	239,929	2,117,564	3,454,972			
May-10	2-Aug-10	5,735,351	177,612	229,414	2,024,763	3,303,561			
Jun-10	31-Aug-10	5,928,143	183,583	237,126	2,092,825	3,414,610			
Fiscal Year 2009-201	0	67,906,159	2,102,918	2,716,246	23,973,058	39,113,937			



		Receipts		ributions				
Collection	Received	Gross	Clark Co.		Wastewater	Other SNWA		
Month	Date	Amount	Rural Areas	LV Wash	Agencies	Capital		
I.J. 10	20 Can 10	F CF4 800	100 001	226 406	1 001 125	2 240 670		
Jul-10	30-Sep-10 28-Oct-10	5,654,890 5,803,042	188,891 193,840	226,196 232,122	1,991,125 2,043,291	3,248,678		
Aug-10	30-Nov-10		•	•	, ,	3,333,790		
Sep-10		5,711,560	190,784	228,462	2,011,079	3,281,234		
Oct-10	30-Dec-10	5,601,461	187,106	224,058	1,972,313	3,217,984		
Nov-10	31-Jan-11	5,584,548	186,541	223,382	1,966,357	3,208,267		
Dec-10	28-Feb-11	6,606,719	220,685	264,269	2,326,271	3,795,494		
Jan-11	31-Mar-11	5,405,921	180,575	216,237	1,903,462	3,105,648		
Feb-11	29-Apr-11	5,353,999	178,840	214,160	1,885,180	3,075,819		
Mar-11	31-May-11	6,697,136	223,705	267,885	2,358,107	3,847,438		
Apr-11	30-Jun-11	6,063,186	202,529	242,527	2,134,889	3,483,240		
May-11	1-Aug-11	6,036,786	201,647	241,471	2,125,593	3,468,073		
Jun-11	31-Aug-11	6,397,099	213,683	255,884	2,252,462	3,675,070		
Fiscal Year 2010-201	1	70,916,346	2,368,827	2,836,654	24,970,129	40,740,737		
Jul-11	3-Oct-11	F 070 272	196,386	235,171	2,134,328	2 242 200		
		5,879,272	•	•		3,313,388		
Aug-11	31-Oct-11	5,859,385	195,722	234,375	1,998,934	3,430,354		
Sep-11	29-Nov-11	6,305,007	210,607	252,200	2,220,036	3,622,164		
Oct-11	29-Dec-11	6,129,515	204,745	245,181	2,158,244	3,521,346		
Nov-11	31-Jan-12	6,055,230	202,264	242,209	2,132,088	3,478,670		
Dec-11	29-Feb-12	7,144,138	238,636	285,766	2,515,500	4,104,236		
Jan-12	30-Mar-12	5,658,196	189,001	226,328	1,992,289	3,250,577		
Feb-12	30-Apr-12	5,922,925	197,844	236,917	2,085,502	3,402,662		
Mar-12	31-May-12	6,790,048	226,809	271,602	2,390,822	3,900,815		
Apr-12	29-Jun-12	6,212,889	207,530	248,516	2,187,601	3,569,243		
May-12	30-Jul-12	6,522,232	217,863	260,889	2,296,522	3,746,957		
Jun-12	31-Aug-12	6,742,691	225,227	269,708	2,374,147	3,873,609		
Fiscal Year 2011-201	2	75,221,529	2,512,633	3,008,861	26,486,013	43,214,022		
Jul-12	28-Sep-12	6,167,979	206,030	246,719	2,171,787	3,543,443		
Aug-12	31-Oct-12	6,347,611	212,030	253,904	2,235,037	3,646,640		
Sep-12	30-Nov-12	6,574,756	219,617	262,990	2,315,017	3,777,132		
Oct-12	31-Dec-12	6,472,579	216,204	258,903	2,279,039	3,718,432		
Nov-12	31-Jan-13	6,355,187	212,283	254,207	2,237,705	3,650,992		
Dec-12	1-Mar-13	7,550,851	252,222	302,034	2,658,706	4,337,889		
Jan-13	29-Mar-13	6,218,961	207,733	248,758	2,189,739	3,572,731		
Feb-13	30-Apr-13	6,019,983	201,086	240,799	2,119,677	3,458,421		
Mar-13	31-May-13	7,289,672	243,498	291,587	2,566,743	4,187,844		
Apr-13	28-Jun-13	6,577,240	219,700	263,090	2,315,891	3,778,559		
May-13	31-Jul-13	6,958,034	232,420	278,321	2,449,972	3,997,321		
Jun-13	30-Aug-13	6,959,568	232,471	278,383	2,450,511	3,998,203		
Fiscal Year 2012-201	3	79,492,423	2,655,294	3,179,697	27,989,825	45,667,607		



		Receipts	Distributions					
Collection	Received	Gross	Clark Co.		Wastewater	Other SNWA		
Month	Date	Amount	Rural Areas	LV Wash	Agencies	Capital		
Jul-13	30-Sep-13	6,482,578	216,538	259,303	2,282,560	3,724,177		
Aug-13	31-Oct-13	6,620,714	221,152	264,829	2,331,198	3,803,534		
Sep-13	27-Nov-13	7,386,823	246,743	295,473	2,600,951	4,243,656		
Oct-13	30-Dec-13	6,795,439	226,989	271,818	2,392,720	3,903,912		
Nov-13	31-Jan-14	6,824,227	227,950	272,969	2,402,857	3,920,451		
Dec-13	28-Feb-14	7,869,507	262,866	314,780	2,770,907	4,520,954		
Jan-14	31-Mar-14	6,437,277	215,025	257,491	2,266,609	3,698,152		
Feb-14	30-Apr-14	6,539,509	218,440	261,580	2,302,606	3,756,883		
Mar-14	30-May-14	8,009,796	267,552	320,392	2,820,304	4,601,548		
Apr-14	30-Jun-14	7,023,201	234,597	280,928	2,472,917	4,034,760		
May-14	31-Jul-14	7,704,199	257,344	308,168	2,712,701	4,425,986		
Jun-14	29-Aug-14	7,704,199	248,268	297,299	2,617,026	4,269,885		
5' LV 2042.204		05.425.747	2 2 4 2 4 5 5	2.405.020	20.072.256	40,002,005		
Fiscal Year 2013-201	4	85,125,747	2,843,465	3,405,030	29,973,356	48,903,896		
Jul-14	30-Sep-14	7,125,008	237,997	285,000	2,508,764	4,093,246		
Aug-14	30-Oct-14	7,372,269	246,257	294,891	2,595,826	4,235,295		
Sep-14	26-Nov-14	7,516,962	251,090	300,678	2,646,773	4,318,420		
Oct-14	31-Dec-14	7,346,330	245,390	293,853	2,586,693	4,220,394		
Nov-14	30-Jan-15	7,220,317	241,181	288,813	2,542,323	4,148,000		
Dec-14	27-Feb-15	8,658,396	289,217	346,336	3,048,680	4,974,162		
Jan-15	31-Mar-15	6,942,624	231,905	277,705	2,444,545	3,988,469		
Feb-15	30-Apr-15	7,068,251	236,102	282,730	2,488,780	4,060,640		
Mar-15	29-May-15	8,338,855	278,544	333,554	2,936,168	4,790,589		
Apr-15	30-Jun-15	7,577,749	253,120	303,110	2,668,177	4,353,342		
May-15	31-Jul-15	7,953,792	265,681	318,152	2,800,584	4,569,375		
Jun-15	31-Aug-15	7,903,402	263,998	316,136	2,782,842	4,540,426		
Fiscal Year 2014-201	5	91,023,954	3,040,483	3,640,958	32,050,155	52,292,358		
Lul 45	20 5 45	7.645.044	254.200	204 620	2 (04 (26	4 275 204		
Jul-15	30-Sep-15	7,615,944	254,396	304,638	2,681,626	4,375,284		
Aug-15	29-Oct-15	7,370,222	246,188	294,809	2,595,105	4,234,119		
Sep-15	30-Nov-15	7,791,472	260,259	311,659	2,743,431	4,476,123		
Oct-15	31-Dec-15	7,719,746	257,864	308,790	2,718,175	4,434,917		
Nov-15	30-Jan-15	7,640,067	255,202	305,603	2,690,120	4,389,143		
Dec-15	27-Feb-15	9,090,136	303,639	363,605	3,200,699	5,222,193		
Jan-16	31-Mar-16	7,144,279	238,641	285,771	2,515,549	4,104,317		
Feb-16	29-Apr-16	7,329,879	244,841	293,195	2,580,901	4,210,943		
Mar-16	31-May-16	8,568,311	286,208	342,732	3,016,961	4,922,410		
Apr-16	30-Jun-16	7,738,151	258,478	309,526	2,724,656	4,445,491		
May-16 Jun-16	29-Jul-16 31-Aug-16	7,925,935 8,524,710	264,751 284,752	317,037 340,988	2,790,776 3,001,608	4,553,371 4,897,361		
Fiscal Year 2015-201	-	94,458,852	3,155,219	3,778,354	33,259,606	54,265,673		
1 13Ca1 1 Ca1 2013-201		J4,4J0,0JZ	3,133,413	3,110,334	33,233,000	34,203,07		



		Receipts	Distributions					
Collection	Received	Gross	Clark Co.		Wastewater	Other SNWA		
Month	Date	Amount	Rural Areas	LV Wash	Agencies	Capital		
Jul-16	30-Sep-16	7,826,866	261,442	313,075	2,755,893	4,496,457		
Aug-16	28-Oct-16	7,949,572	265,540	317,983	2,799,098	4,566,950		
Sep-16	30-Nov-16	8,289,925	276,909	331,597	2,918,939	4,762,479		
Oct-16	30-Dec-16	7,917,066	264,455	316,683	2,787,653	4,548,276		
Nov-16	31-Jan-17	7,960,048	265,890	318,402	2,802,787	4,572,968		
Dec-16	28-Feb-17	9,381,188	313,361	375,248	3,303,180	5,389,399		
Jan-17	31-Mar-17	7,693,802	256,997	307,752	2,709,040	4,420,013		
Feb-17	28-Apr-17	7,402,524	247,267	296,101	2,606,479	4,252,676		
Mar-17	31-May-17	9,256,755	309,204	370,270	3,259,367	5,317,914		
Apr-17	30-Jun-17	8,062,831	269,324	322,513	2,838,978	4,632,016		
May-17	31-Jul-17	8,467,039	282,825	338,682	2,981,302	4,864,230		
Jun-17	31-Aug-17	8,828,866	294,912	353,155	3,108,704	5,072,096		
Fiscal Year 2016-201	7	99,036,481	3,308,126	3,961,459	34,871,420	56,895,475		
Jul-17	29-Sep-17	8,094,287	300,732	323,771	2,838,518	4,631,266		
Aug-17	31-Oct-17	8,270,086	307,264	330,803	2,900,167	4,731,852		
Sep-17	30-Nov-17	8,579,965	318,777	343,199	3,008,836	4,909,153		
Oct-17	29-Dec-17	8,235,502	305,979	329,420	2,888,039	4,712,064		
Nov-17	31-Jan-18	8,325,334	309,316	333,013	2,919,542	4,763,463		
Dec-17	28-Feb-18	9,575,549	355,766	383,022	3,357,969	5,478,792		
Jan-18	30-Mar-18	8,092,258	300,657	323,690	2,837,806	4,630,105		
Feb-18	30-Apr-18	7,796,660	289,674	311,866	2,734,145	4,460,974		
Mar-18	31-May-18	9,539,003	354,409	381,560	3,345,153	5,457,881		
Apr-18	29-Jun-18	8,678,019	322,420	347,121	3,043,222	4,965,257		
May-18	31-Jul-18	8,981,714	333,703	359,269	3,149,722	5,139,020		
Jun-18	31-Aug-18	9,253,873	343,815	370,155	3,245,163	5,294,740		
Fiscal Year 2017-201	8	103,422,250	3,842,512	4,136,890	36,268,282	59,174,566		



		Receipts		Dist	ributions	
Collection	Received	Gross	Clark Co.		Wastewater	Other SNWA
Month	Date	Amount	Rural Areas	LV Wash	Agencies	Capital
Jul-18	28-Sep-18	8,810,946	315,371	352,438	3,094,392	5,048,745
Aug-18	31-Oct-18	8,800,797	315,008	352,032	3,090,828	5,042,929
Sep-18	30-Nov-18	8,989,253	321,754	359,570	3,157,013	5,150,916
Oct-18	31-Dec-18	8,634,211	309,046	345,368	3,032,323	4,947,474
Nov-18	31-Jan-19	9,317,637	279,894	372,705	3,292,714	5,372,323
Fiscal Year 2018-2	019 through Nov-18	44,552,844	1,541,073	1,782,114	15,667,270	25,562,388
Total Actuals Thro	ough November 2018	1,538,058,571	52,586,875	61,522,343	504,242,910	919,706,443
Estimate of remai	nder for fiscal year 2018-2019					
Dec-18	Estimate - Feb19	8,900,000	267,349	356,000	3,145,128	5,131,524
Jan-19	Estimate - Mar19	8,900,000	267,349	356,000	3,145,128	5,131,524
Feb-19	Estimate - Apr19	8,900,000	267,349	356,000	3,145,128	5,131,524
Mar-19	Estimate - May19	8,900,000	267,349	356,000	3,145,128	5,131,524
Apr-19	Estimate - Jun19	8,900,000	267,349	356,000	3,145,128	5,131,524
May-19	Estimate - Jul19	8,900,000	267,349	356,000	3,145,128	5,131,524
Jun-19	Estimate - Aug19	8,900,000	267,349	356,000	3,145,128	5,131,524
Total estimate for	December through June 2019	62,300,000	1,871,440	2,492,000	22,015,893	35,920,667
Total Actuals and	Estimate Through June 2019	1,600,358,571	54,458,315	64,014,343	526,258,803	955,627,110

Appendix H Sales Tax Revenue Projection



CLARK COUNTY WATER AND WASTEWATER INFRASTRUCTURE (QUARTER CENT) SALES TAX Sales Tax Received and Distributed

	Origina	l Data in Calen	dar Year					Data Conve	rted to Fiscal \	Year			
	Calendar	Clark Co. Po	opulation ⁽¹⁾	Clark Co. Pop	ulation FY	Fiscal	Gross Sales 1	ax Receipts (3)		Clark Co		Wastewater	Other SNWA
	<u>Year</u>	<u>Count</u>	% Change	<u>Count</u>	% Change	<u>Year</u>	Per Person	Receipts	% Change	Rural Areas	LV Wash	<u>Agencies</u>	<u>Capital</u>
	1999	1,321,319		1,321,319		1998-1999	\$	12,545,951		\$ 527,896 \$	501,838	\$ -	\$ 11,516,217
	2000	1,428,689	8.1%	1,375,004	8.1%	1999-2000	36.39	51,983,020		2,187,290	2,079,321	-	47,716,410
	2001	1,498,278	4.9%	1,463,484	6.5%	2000-2001	37.10	55,585,901	6.9%	2,338,888	2,223,436	4,980,818	46,042,758
	2002	1,578,332	5.3%	1,538,305	5.1%	2001-2002	35.70	56,344,710	1.4%	2,370,816	2,253,788	19,653,640	32,066,465
	2003	1,641,529	4.0%	1,609,931	4.7%	2002-2003	36.90	60,579,149	7.5%	2,548,989	2,423,166	21,130,658	34,476,336
_	2004	1,747,025	6.4%	1,694,277	5.2%	2003-2004	39.91	69,724,324	15.1%	2,306,023	2,788,973	24,584,217	40,045,111
led /e	2005	1,815,700	3.9%	1,781,363	5.2%	2004-2005	44.62	81,025,486	16.2%	2,454,508	3,241,019	28,625,384	46,704,574
Se.	2006	1,912,654	5.3%	1,864,177	4.6%	2005-2006	46.23	88,428,765	9.1%	3,188,091	3,537,151	31,080,961	50,622,562
Sales Tax Received	2007	1,996,542	4.4%	1,954,598	4.9%	2006-2007	44.76	89,374,124	1.1%	2,753,898	3,574,965	31,557,199	51,488,062
<u>ă</u>	2008	1,986,145	-0.5%	1,991,344	1.9%	2007-2008	43.44	86,276,491	-3.5%	2,398,479	3,451,060	30,562,242	49,864,710
L Sa	2009	2,006,347	1.0%	1,996,246	0.2%	2008-2009	37.40	75,034,067	-13.0%	2,141,447	3,001,363	26,558,678	43,332,579
Sal	2010	1,951,269	-2.7%	1,978,808	-0.9%	2009-2010	34.80	67,906,159	-9.5%	2,102,918	2,716,246	23,973,058	39,113,937
Actual	2011	1,966,630	0.8%	1,958,950	-1.0%	2010-2011	36.06	70,916,346	4.4%	2,368,827	2,836,654	24,970,129	40,740,737
Ę	2012	2,008,654	2.1%	1,987,642	1.5%	2011-2012	37.45	75,221,529	6.1%	2,512,633	3,008,861	26,486,013	43,214,022
1	2013	2,062,253	2.7%	2,035,454	2.4%	2012-2013	38.55	79,492,423	5.7%	2,655,294	3,179,697	27,989,825	45,667,607
	2014	2,102,238	1.9%	2,082,246	2.3%	2013-2014	40.49	85,125,747	7.1%	2,843,465	3,405,030	29,973,356	48,903,896
	2015	2,147,641	2.2%	2,124,940	2.0%	2014-2015	42.38	91,023,954	6.9%	3,040,483	3,640,958	32,050,155	52,292,358
	2016	2,205,207	2.7%	2,176,424	2.4%	2015-2016	42.83	94,458,852	3.8%	3,155,219	3,778,354	33,259,606	54,265,673
	2017	2,248,000	1.9%	2,226,604	2.3%	2016-2017	44.06	99,036,481	4.8%	3,308,126	3,961,459	34,871,420	56,895,475
	2018	2,296,000	2.1%	2,272,000	2.0%	2017-2018	45.04	103,422,250	4.4%	3,842,512	4,136,890	36,268,282	59,174,566
	7												
a,	2019	2,344,000	2.1%	2,320,000	2.1%	2018-2019	46.06	106,852,844	3.3%	3,412,513	4,274,114	37,683,162	61,483,055
l s	2020	2,389,000	1.9%	2,366,500	2.0%	2019-2020	47.41	112,201,036	5.0%	3,583,316	4,488,041	39,569,278	64,560,401
) ale	2021	2,423,000	1.4%	2,406,000	1.7%	2020-2021	48.81	117,442,498	4.7%	3,750,710	4,697,699	41,417,754	67,576,335
3d S	2022	2,452,000	1.2%	2,437,500	1.3%	2021-2022	50.26	122,504,301	4.3%	3,912,367	4,900,171	43,202,870	70,488,893
3ct	2023	2,481,000	1.2%	2,466,500	1.2%	2022-2023	51.75	127,636,970	4.2%	4,076,287	5,105,478	45,012,978	73,442,227
Projected Sales Tax	2024	2,507,000	1.0%	2,494,000	1.1%	2023-2024	53.28	132,889,661	4.1%	4,244,040	5,315,586	46,865,413	76,464,622
ā	2025	2,530,000	0.9%	2,518,500	1.0%	2024-2025	34.53	86,966,963		2,777,427	3,478,678	30,670,126	50,040,732
							\$	2,300,000,000	•	\$ 76,802,462 \$	91,999,996	\$ 772,997,222	\$ 1,358,200,321

Totals may be off slightly due to rounding

⁽¹⁾ Source: Center for Business and Economic Research http://www.clarkcountynv.gov/comprehensive-planning/advanced-planning/Documents/Long-

Term%20Projections%20for%20Clark%20County%2C%20Nevada%202018-2060.pdf (2) The projected sales tax receipts are calculated using the most recent fiscal year's actual sales tax received and adding the Clark County's population growth percentage and adding a 3% for inflation.

⁽³⁾ The 2011 Nevada State Legislature passed legislation (NRS 377B.1(2)) allowing the June 30, 2025 (or \$2.3 billion), sunset of sales tax collection to be lifted subject to Clark County approval. At this writing, Clark County has not approved the sunset lift. If the sunset is lifted, additional construction might be allowed to be funded with the revenue source.

Appendix I Interfund Loan Activity



Southern Nevada Water Authority INTERFUND LOAN ACTIVITY Historical Through June 30, 2018

Projected From July 1, 2018 - June 2025

HISTORICAL	SOURCES

							30011023					
		Beginning				Total						
Fiscal Year		Balance		Borrowings		Payback	Fro	om Sales Tax ⁽¹⁾	F	rom Grants		Total
2005-2006	\$	-	\$	1,771,721	\$	3,246	\$	3,207,620	\$	-	\$	3,207,620
2006-2007		1,768,475		3,043,206		243,901		3,876,451		255,000		4,131,451
2007-2008		4,567,781		8,128,593		9,997,688		3,487,927		9,322,409		12,810,336
2008-2009		2,698,686		2,145,993		2,775,949		3,107,974		2,553,086		5,661,060
2009-2010		2,068,730		4,884,051		2,194,931		2,719,663		1,063,408		3,783,071
2010-2011		4,757,850		994,459		5,123,444		2,805,838		6,256,818		9,062,656
2011-2012		628,865		2,855,066		1,887,910		2,975,620		5,888,857		8,864,477
2012-2013		1,596,021		51,453		1,647,474		3,153,590		10,831,754		13,985,344
2013-2014		-		4,894,069		144,767		3,356,267		3,593,596		6,949,863
2014-2015		4,749,302		4,939,231		778,204		3,612,138		8,287,704		11,899,841
2015-2016		8,910,329		-		5,572,917		3,754,616		3,377,201		7,131,817
2016-2017		3,337,411		-		279,761		3,927,649		37,934		3,965,583
2017-2018		3,057,650		9,982,951		-		4,099,303		3,129,324		7,228,627
2018-2019		13,040,601										
			\$	43,690,793	\$	30,650,191	\$	44,084,655	\$	54,597,090	\$	98,681,745

PROJECTED

		E	stimated	C	onstruction	Co	onstruction				Sales
	Beginning	Co	nstruction	To	be Financed		To be Paid		Interest		Tax
Fiscal Year	 Balance	To b	e Financed ⁽²⁾	Wit	th Sales Tax ⁽³⁾	V	Vith Grants	Expense		Receipts	
2018-2019	\$ 13,040,601	\$	6,431,272	\$	5,555,854	\$	875,418	\$	716,117	\$	4,274,114
2019-2020	15,038,459		4,767,306		4,767,306		-		765,886		4,488,041
2020-2021	16,083,610		4,177,076		4,177,076				778,149		4,697,699
2021-2022	16,341,136		900,000		900,000		-		617,048		4,900,171
2022-2023	12,958,013		-		-		-		392,627		5,105,478
2023-2024	8,245,162		-		-		-		146,479		5,315,586
2024-2025	3,076,055		-		-		-		-		3,076,055
		\$	16,275,654	\$	15,400,236	\$	875,418	\$	3,416,306	\$	31,857,144

⁽¹⁾ Sales tax received during the corresponding fiscal year. Sales tax has also been used for pay-as-you-go construction costs.

⁽²⁾ Estimated construction is based on cash flow projections in the Las Vegas Wash Capital Plan.

⁽³⁾ The 2011 Nevada State Legislature passed legislation (NRS 377B.1(2)) allowing the June 30, 2025 (or \$2.3 billion), sunset of sales tax collection to be lifted subject to Clark County approval. At this writing, Clark County has not approved the sunset lift. If the sunset is lifted, additional construction might be allowed to be funded with the revenue source.

Appendix J Completed Las Vegas Wash Weir Projects Summary

Completed Projects Summary

		Year	
Project No.	Project Title	Completed	Cost (\$1,000)
	Temporary Demonstration Weir	1999	\$173
810A	Fire Station Weir	2000	\$63
810C	Historic Lateral Weir (preliminary structure installed in year 2000)	2019	\$1,823
810D	Pabco Weir	2000	\$5,700
810H	Monson Weir	2002	\$152
810J	Visitor Center Weir	2002	\$172
810E	Bostick Weir	2003	\$5,020
170-A (810N)	Rainbow Gardens Weir	2004	\$7,238
810R	Calico Ridge (previously named Landfill Weir)	2005	\$1,868
810P	Powerline Weir	2007	\$5,883
810F	Upper Diversion Weir	2008	\$12,850
810Y	DU Wetlands No. 2 Weir	2009	\$3,470
810M	Lower Narrows Weir	2011	\$3,494
810L	Homestead Weir	2011	\$6,490
810V	DU Wetlands No. 1 Weir	2012	\$4,126
810X	Upper Narrows Weir	2013	\$6,683
810G	Duck Creek Confluence Weir	2013	\$6,683
810U	Silver Bowl Weir	2015	\$5,846
810Z	Archery Weir	2015	\$5,846
810K	Three Kids Weir (prelim. Structure aka Temp. Demo. Weir installed yr, 1999)	2015	\$11,942
8105	Tropicana Weir	2018	\$9,005
810W	Sunrise Moutain Weir and Historic Lateral Expansion	2019	\$14,632
830C/840C	Bank Protection - Historic Lateral (5,000 lf)	2001	\$428
840J	Bank Protection South - Visitor Center (1,100 lf)	2001	\$88
840B	Bank Protection South - Demonstration (1,200 lf)	2001	\$177
840T	Bank Protection South - D-14 Extension (400 lf)	2001	\$44
830N/840N	Bank Protection - Three Kids Wash (Rainbow Gardens) (2,600 lf)	2002	\$92
830J	Bank Protection North - Visitor Center (400 lf)	2002	\$41
830H/840H	Bank Protection - Monson (400 lf)	2002	\$40
830T	Bank Protection North - D-14 Extension (300 lf)	2002	\$10
840Q	Bank Protection South - Wells (1,100 lf)	2003	\$95
830L	Bank Protection North - Homestead (1,600 lf)	2003	\$146
840V	Bank Protection South - DU Wetlands No. 1 (800 lf)	2003	\$62
830M	Bank Protection North - Lower Narrows (1,500 lf)	2003	\$129
840R	Bank Protection South - Calico Ridge (Landfill) (600 lf)	2003	\$50
840X	Bank Protection South - Canco Mage (Landini) (600 ii)	2003	\$78
830N/840N		2005	
830D	Bank Protection - Rainbow Gardens (1,585 lf) Bank Protection North - Pabco (640 lf)	2005	\$74 \$68
830E/840E		2005	-
	Bank Protection - Bostick (2,205 lf)		\$127
830D/840D	Bank Protection - Pabco (1,725 lf)	2006	\$48
830W/840W	Bank Protection - Sunrise Mtn (1,765 lf)	2006	\$74
840\$	Bank Protection South - Tropicana (575 lf)	2006	\$21
830C/840C	Bank Protection - Historic Lateral (3,075 lf)	2008	\$321
840D	Bank Protection South - Pabco (520 lf)	2008	\$40
840A	Bank Protection South - Fire Station (630 lf)	2010	\$469
840G	Bank Protection South - Duck Creek Confluence (700 lf)	2010	\$90
840D	Bank Protection South - Pabco (320 lf)	2011	\$122
830C	Bank Protection North - Historic Lateral (400 lf)	2011	\$152
830E	Bank Protection North - Bostick (155 lf)	2011	\$59
830D	Bank Protection North - Pabco (690 lf)	2012	\$65

Completed Projects Summary

Project No.	Project Title	Year Completed	Cost (\$1,000)
	<u>, </u>	i i	
880B	Revegetation South - Demonstration (4.23 ac)	2000	\$63
870C/880C	Revegetation - Historic Lateral (4.90 ac)	2001	\$74
880D/870D	Revegetation - Pabco (7.40 ac)	2001	\$111
870H/880H	Revegetation - Monson (2.78 ac)	2002	\$48
870J/880J	Revegetation - Visitor Center (1.84 ac)	2002	\$32
880E	Revegetation South - Bostick (6.55 ac)	2004	\$115
870R/880R	Revegetation - Calico Ridge (Landfill) (6.80 ac)	2005	\$117
870E	Revegetation North - Bostick (7.85 ac)	2005	\$47
870D	Revegetation North - Pabco (3.40 ac)	2005	\$2
880P	Revegetation South - Powerline (14.91 ac)	2007	\$245
880F	Revegetation South - Upper Diversion (17.58 Ac)	2009	\$145
870Y/880Y	Revegetation - DU Wetlands No. 2 (0.89 Ac)	2010	\$2
870M/880M	Revegetation - Lower Narrows & Homestead (22.64 Ac)	2011	\$3
870M/880M	Revegetation - Lower Narrows & Homestead (5.14 Ac)	2012	\$23
870G/880G	Revegetation - Duck Creek Confluence (23.4 Ac)	2013	\$223
860A	2000 Materials Transportation Program	2000	\$304
860B	2001 Materials Transportation Program	2001	\$753
860C	2002 Materials Transportation Program	2002	\$866
860D	2003 Materials Transportation Program	2003	\$489
860E	2004 Materials Transportation Program	2004	\$806
860F	2005 Materials Transportation Program	2005	\$216
860G	2006 Materials Transportation Program	2006	\$590
860H	2007 Materials Transportation Program	2007	\$513
860J	2008 Materials Transportation Program	2008	\$667
860K	2009 Materials Transportation Program	2009	\$209
860Q	2010 Materials Transportation Program	2010	\$329
890A	2011 Materials Transportation Program	2011	\$178
890A	2012 Materials Transportation Program	2012	\$194
860L	2001 Topographic Mapping	2001	\$80
860M	2005 Topographic Mapping	2005	\$80
860N	2008 Topographic Mapping	2008	\$63
860S	Sediment Study I	2003	\$177
860T	Sediment Study 11	2008	\$236
	Total		\$130,369