



Date: April 19, 2018

To: Engineering Committee
Dean Efstathiou, Chair
Tom Campbell
Ed Colley
William Cooper
Gary Martin

From: Brian J. Folsom *BJF*
Chief Engineer

The **Engineering Committee** is scheduled to meet on **Thursday, May 3, 2018 at 5:30 PM at Rio Vista Water Treatment Plant** located at 27234 Bouquet Canyon Road, Santa Clarita, CA 91350 in the Training Room.

MEETING AGENDA

1. Public Comments
2. * Review of Proposed FY 2018/19 Capital Improvement Projects
3. * Third Party Funded Agreements Quarterly Report
4. * Capital Improvement Projects Construction Status Report
5. * Committee Planning Calendar
6. General Report on Engineering Services Section Activities
7. CLOSED SESSION – CONFERENCE WITH REAL PROPERTY NEGOTIATORS
Property Location: APN 2830-002-900
Agency Negotiators: Matthew G. Stone and Michael Alvord
Negotiating Party: Missak Baghdassarian
Under Negotiation: Price and Terms of Payment
8. Adjournment

- * Indicates attachments
- ◆ To be distributed

NOTICES:

Any person may make a request for a disability-related modification or accommodation needed for that person to be able to participate in the public meeting by telephoning (661) 297-1600, or writing to Santa Clarita Valley Water Agency at 27234 Bouquet Canyon Road, Santa Clarita, CA 91350. Requests must specify the nature of the disability and the type of accommodation requested. A telephone number or other contact information should be included so that Agency staff may discuss appropriate arrangements. Persons requesting a disability-related accommodation should make the request with adequate time before the meeting for the Agency to provide the requested accommodation.

Pursuant to Government Code Section 54957.5, non-exempt public records that relate to open session agenda items and are distributed to a majority of the Board less than seventy-two (72) hours prior to the meeting will be available for public inspection at the Santa Clarita Valley Water Agency, located at 27234 Bouquet Canyon Road, Santa Clarita, California 91350, during regular business hours. When practical, these public records will also be made available on the Agency's Internet Website, accessible at <http://www.yourscvwater.com>.

Posted on April 25, 2018.

MGS



COMMITTEE MEMORANDUM

DATE: April 19, 2018
TO: Engineering Committee
FROM: Brian J. Folsom, P.E. *BJF*
Chief Engineer
SUBJECT: Review of Proposed FY 2018/19 Capital Improvement Projects

SUMMARY

Attached are the proposed capital improvement projects for FY 2018/19 for review and consideration.

DISCUSSION

The Engineering Committee initially reviewed the proposed capital improvement projects at its April 5, 2018 regular meeting. Subsequent to that meeting, minor adjustments have been made to several projects based on updated project schedule information and regulatory requirements.

FINANCIAL CONSIDERATIONS

Revenue sources to fund these projects will be considered separately by the Budget and Rates Committee. Sources may include SCV Water's share of the 1% property taxes, facility capacity fees, wholesale water rates and settlement payments from litigation.

RECOMMENDATION

The capital improvement project budgets are presented for review and comment only.

BJF

Attachments

MGS

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Proposed FY 2018/19 Capital Improvement Projects

Regional Projects		Total Estimated Project Cost	FY 2018/19 Budget
Castaic Conduit		\$ 15,116,000	\$ 426,000
ESFP Clearwell/CT Improvements		\$ 8,606,000	\$ 1,751,000
ESFP Sludge Collection System		\$ 14,641,000	\$ 3,482,000
ESIPS Pipeline Improvements		\$ 4,083,000	\$ 35,000
Foothill Feeder Connection		\$ 5,200,000	\$ 2,050,000
Groundwater Treatment Improvements		\$ 2,772,000	\$ 500,000
Honby Parallel		\$ 25,489,000	\$ 100,000
Magic Mountain Pipeline No. 4		\$ 4,765,000	\$ 4,596,000
Magic Mountain Pipeline No. 5		\$ 6,167,000	\$ 6,062,000
Magic Mountain Pipeline No. 6		\$ 12,895,000	\$ 100,000
Magic Mountain Reservoir		\$ 37,943,000	\$ 80,000
Recycled Water Program Phase II, 2A - Central Park		\$ 15,394,000	\$ 100,000
Recycled Water Program Phase II, 2B - Vista Canyon		\$ 5,094,000	\$ 2,025,000
Recycled Water Program Phase II, 2C - South End		\$ 12,702,000	\$ 350,000
Recycled Water Program Phase II, 2D - West Ranch		\$ 2,465,000	\$ 1,700,000
Replacement Wells		\$ 11,398,000	\$ 900,000
Rosedale Rio Bravo Extraction		\$ 9,736,000	\$ 400,000
RV-2 Modifications		\$ 3,402,000	\$ 35,000
Saugus Formation Dry Year Reliability Wells		\$ 10,380,000	\$ -
Update Water Conservation and Education Garden		\$ 440,000	\$ 440,000
		\$ 208,688,000	\$ 25,132,000
Distribution System	Division		
Pipelines & Pipeline Replacements			
Begonias Lane	NWD	\$ 210,000	\$ 210,000
Castaic Well 1 Drain Line	NWD	\$ 125,000	\$ 125,000
LARC Pipeline	SCWD	\$ 779,000	\$ 700,000
Vista Canyon Recycled Water Pipeline	SCWD	\$ 1,380,000	\$ 1,200,000
Wildwood Road	NWD	\$ 250,000	\$ 250,000
Windcrest Place	NWD	\$ 230,000	\$ 230,000
Pump Stations			
Booster Station 4	NWD	\$ 100,000	\$ 100,000
Deane Pump Station	SCWD	\$ 1,000,000	\$ 1,000,000
Presley Booster Station	VWD	\$ 200,000	\$ 200,000
Tanks			
Deane Tanks (Two 2.5 MG Tanks)	SCWD	\$ 4,515,000	\$ 2,365,000
Honby No. 1 Exterior Roof	SCWD	\$ 370,000	\$ 365,000
Wells			
Castaic Well 7 Rehab	NWD	\$ 180,000	\$ 180,000
Well 201 - Noise Enclosure	VWD	\$ 200,000	\$ 200,000
Well D Rehabilitation	VWD	\$ 250,000	\$ 250,000
Well E-17	VWD	\$ 706,000	\$ 300,000
Miscellaneous			
Interconnection Study and Construction	All	\$ 400,000	\$ 400,000
		Total = \$ 219,583,000	\$ 33,207,000

Santa Clarita Valley Water Agency
 Capital Improvement Budget - Import Division
 FY 2018/19 Budget



Project Title: Castaic Conduit Bypass Pipeline

CIP No. 200903

Description: Construction of a 54-inch diameter pipeline to replace the existing 36-inch diameter sections of the Castaic Conduit.

Purpose/Justification: Convey treated water from the treatment plants to various turnouts. Improve transmission system hydraulics, remove existing bottleneck.

Site Requirements: Public rights-of-way and pipeline easements will be obtained during design phase.

CEQA: A Mitigated Negative Declaration was adopted by the Board of Directors on March 9, 2011.

Project Schedule:
 FY 2018/19: Complete land acquisition and final design.
 FY 2019/20: Initiate construction.
 FY 2020/21: Complete construction.

Projected Impact on Operating Costs: Less than \$5,000 per year.

Category	Current Estimated Total Project Cost	Cumulative Estimated Expenditures through June 30, 2018	FY 2018/19 Budget
Planning and Conceptual Design	\$ 102,000	\$ 102,000	\$ -
Design (Including Bid Services)	1,430,000	810,000	426,000
Construction			
Construction Management and Engineering	1,369,000	-	-
Capital Construction Costs	12,185,000	-	-
Additional Project Delivery Costs (Post-Construction Activities, Monitoring and Mitigation, etc)	30,000	-	-
TOTAL	\$ 15,116,000	\$ 912,000	\$ 426,000

Notes:

Santa Clarita Valley Water Agency
 Capital Improvement Budget - Import Division
 FY 2018/19 Budget



Project Title: Earl Schmidt Filtration Plant (ESFP) Clearwell/CT Improvements

CIP No.: 200105

Description: Construction of a new disinfection contactor to improve disinfection contact time (CT) at the ESFP.

Purpose/Justification: Improves disinfection contact time at ESFP and provides increased assurance of operating permit compliance.

Site Requirements: ESFP property is held in fee by SCVWA.

CEQA: Categorical Exemption (Class 1, Section 15301 of the California Environmental Quality Act Guidelines).

Project Schedule: FY 2018/19: Complete construction and perform tracer study.

Projected Impact on Operating Costs: Less than \$5,000 per year.

Category	Current Estimated Total Project Cost	Cumulative Estimated Expenditures through June 30, 2018	FY 2018/19 Budget
Planning and Conceptual Design	\$ 52,000	\$ 52,000	\$ -
Design (Including Bid Services)	673,000	673,000	-
Construction			
Construction Management and Engineering	1,150,000	900,000	250,000
Capital Construction Costs	6,471,000	5,230,000	1,241,000
Additional Project Delivery Costs (Post-Construction Activities, Monitoring and Mitigation, etc)	260,000	-	260,000
TOTAL	\$ 8,606,000	\$ 6,855,000	\$ 1,751,000

Notes:

Santa Clarita Valley Water Agency
 Capital Improvement Budget - Import Division
 FY 2018/19 Budget



Project Title: Earl Schmidt Filtration Plant (ESFP) Sludge Collection System

CIP No. 200103

Description: Construction of new facilities and modifications to existing facilities to upgrade the ESFP wash water return and sludge collection system.

Purpose/Justification: Improves the operational reliability of the wash water return system and the maintenance of the sludge collection system.

Site Requirements: ESFP property is held in fee by SCVWA.

CEQA: Categorical Exemption (Class 1, Section 15301 of the California Environmental Quality Act Guidelines).

Project Schedule: FY 2018/19: Initiate construction.
 FY 2019/20: Complete construction.

Projected Impact on Operating Costs: Less than \$8,000 per year.

Category	Current Estimated Total Project Cost	Cumulative Estimated Expenditures through June 30, 2018	FY 2018/19 Budget
Planning and Conceptual Design	\$ 191,000	\$ 191,000	\$ -
Design (Including Bid Services)	815,000	783,000	32,000
Construction			
Construction Management and Engineering	1,495,000	-	450,000
Capital Construction Costs	12,120,000	-	3,000,000
Additional Project Delivery Costs (Post-Construction Activities, Monitoring and Mitigation, etc)	20,000	-	-
TOTAL	\$ 14,641,000	\$ 974,000	\$ 3,482,000

Notes:

Santa Clarita Valley Water Agency
 Capital Improvement Budget - Import Division
 FY 2018/19 Budget



Project Title: Earl Schmidt Intake Pump Station (ESIPS) Pipeline Improvements

CIP No.: 200151

Description: Construction of pipeline improvements to the ESIPS suction and discharge pipelines.

Purpose/Justification: Improve the reliability of the pipelines at the ESIPS.

Site Requirements: ESIPS property is held in fee by SCVWA.

CEQA: Categorical Exemption (Class 1, Section 15301 of the California Environmental Quality Act Guidelines).

Project Schedule: FY 2018/19: Complete project close-out.

Projected Impact on Operating Costs: No impact on operating costs is anticipated.

Category	Current Estimated Total Project Cost	Cumulative Estimated Expenditures through June 30, 2018	FY 2018/19 Budget
Planning and Conceptual Design	\$ 151,000	\$ 151,000	\$ -
Design (Including Bid Services)	225,000	225,000	-
Construction			
Construction Management and Engineering	608,000	588,000	20,000
Capital Construction Costs	3,084,000	3,084,000	-
Additional Project Delivery Costs (Post-Construction Activities, Monitoring and Mitigation, etc)	15,000	-	15,000
TOTAL	\$ 4,083,000	\$ 4,048,000	\$ 35,000

Notes:

Santa Clarita Valley Water Agency
 Capital Improvement Budget - Import Division
 FY 2018/19 Budget

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Project Title: Foothill Feeder Connection

CIP No. 200905

Description: Construction of a permanent turnout structure known as CLWA-01. Will replace the current temporary connection, which will be left in place as a back-up.

Purpose/Justification: Increases capacity of RVWTP deliveries from 93.4 cfs (60 MGD), to 140 cfs (90 MGD) Allows RVWTP to receive deliveries at its current permitted operating capacity.

Site Requirements: Public rights-of-way and pipeline easements have been obtained.

CEQA: RVWTP Expansion Project Environmental Impact Report certified by Board of Directors on June 28, 2006. Addendum approved on March 11, 2009.

Project Schedule: FY 2018/19: Make final connections to MWDSC and SCV Water pipeline pending MWDSC shutdown in early 2019.

Projected Impact on Operating Costs: No impact on operating costs is anticipated.

Category	Current Estimated Total Project Cost	Cumulative Estimated Expenditures through June 30, 2018	FY 2018/19 Budget
Planning and Conceptual Design	\$ 3,000	\$ 3,000	\$ -
Design (Including Bid Services)	184,000	184,000	-
Construction			
Construction Management and Engineering	1,105,000	605,000	500,000
Capital Construction Costs	3,300,000	2,000,000	1,300,000
Additional Project Delivery Costs (Post-Construction Activities, Monitoring and Mitigation, etc)	608,000	358,000	250,000
TOTAL	\$ 5,200,000	\$ 3,150,000	\$ 2,050,000

Notes:
 Project will receive grant funds in the amount of \$1,500,000.

Santa Clarita Valley Water Agency
 Capital Improvement Budget - Import Division
 FY 2018/19 Budget



Project Title: Groundwater Treatment Plant Improvements

CIP No. 200964

Description: Design and construction of facilities at SPTF to remove VOCs from groundwater pumped from the Saugus Wells 1 and 2.

Purpose/Justification: VOCs would be removed to non-detect levels consistent with the perchlorate plant's operational goal.

Site Requirements: Adjacent to the SPTF at RVIPS.

CEQA: Environmental documentation will be completed prior to the award of a final design contract.

Project Schedule:
 FY 2018/19: CERCLA investigatory and public participation process.
 FY 2019/20: Final design.
 FY 2020/21: Construction initiated and completed.

Projected Impact on Operating Costs: About \$50,000/year for GAC replacement. Additional electrical costs TBD.

Category	Current Estimated Total Project Cost	Cumulative Estimated Expenditures through June 30, 2018	FY 2018/19 Budget
Planning and Conceptual Design	\$ 605,000	\$ 105,000	\$ 500,000
Design (Including Bid Services)	204,000	4,000	-
Construction			
Construction Management and Engineering	300,000	-	-
Capital Construction Costs	1,493,000	-	-
Additional Project Delivery Costs (Post-Construction Activities, Monitoring and Mitigation, etc)	170,000	70,000	-
TOTAL	\$ 2,772,000	\$ 179,000	\$ 500,000

Notes:

Santa Clarita Valley Water Agency
 Capital Improvement Budget - Import Division
 FY 2018/19 Budget



Project Title: Honby Parallel – Phase 2

CIP No. 200510

Description: Construction of a 60-inch diameter pipeline to replace the existing 33-inch and 36-inch diameter pipelines from the end of the Honby Parallel Phase 1 pipeline to the Sand Canyon Pump Station.

Purpose/Justification: Convey treated water to the eastern portion of the service area. Improve transmission system hydraulics and remove existing bottleneck.

Site Requirements: Public rights-of-way and pipeline easements will be obtained during design phase.

CEQA: An Environmental Impact Report (EIR) was certified by the Board of Directors on July 13, 2005.

Project Schedule:
 FY 2018/19: Complete land acquisition and final design.
 FY 2019/20: Complete design.
 FY 2020/21: Initiate/complete construction.

Projected Impact on Operating Costs: Less than \$5,000 per year.

Category	Current Estimated Total Project Cost	Cumulative Estimated Expenditures through June 30, 2018	FY 2018/19 Budget
Planning and Conceptual Design	\$ 459,000	\$ 459,000	\$ -
Design (Including Bid Services)	1,455,000	935,000	100,000
Construction			
Construction Management and Engineering	3,131,000	194,000	-
Capital Construction Costs	19,200,000	53,000	-
Additional Project Delivery Costs (Post-Construction Activities, Monitoring and Mitigation, etc)	1,244,000	910,000	-
TOTAL	\$ 25,489,000	\$ 2,551,000	\$ 100,000

Notes:

Santa Clarita Valley Water Agency
 Capital Improvement Budget - Import Division
 FY 2018/19 Budget

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Project Title: Magic Mountain Pipeline No. 4

CIP No. 200525

Description: Construction of a pipeline to convey imported water from the end of the existing Magic Mountain Pipeline Phase 3 to the beginning of the proposed Magic Mountain Pipeline Phase 5.

Purpose/Justification: Provides facilities to convey imported water to the western portion of the service area.

Site Requirements: Pipeline will be constructed in public rights-of-way.

CEQA: Notice of Determination filed in FY 2014/15.

Project Schedule: FY 2018/19: Complete design and construction.

Projected Impact on Operating Costs: Less than \$5,000 per year.

Category	Current Estimated Total Project Cost	Cumulative Estimated Expenditures through June 30, 2018	FY 2018/19 Budget
Planning and Conceptual Design	\$ 5,000	\$ 5,000	\$ -
Design (Including Bid Services)	163,000	163,000	-
Construction			
Construction Management and Engineering	691,000	-	691,000
Capital Construction Costs	3,900,000	-	3,900,000
Additional Project Delivery Costs (Post-Construction Activities, Monitoring and Mitigation, etc.)	6,000	1,000	5,000
TOTAL	\$ 4,765,000	\$ 169,000	\$ 4,596,000

Notes:

Santa Clarita Valley Water Agency
 Capital Improvement Budget - Import Division
 FY 2018/19 Budget

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Project Title: Magic Mountain Pipeline No. 5

CIP No. 200526

Description: Construction of a pipeline to convey imported water from the end of the proposed Magic Mountain Pipeline Phase 4 to the beginning of the proposed Magic Mountain Pipeline Phase 6.

Purpose/Justification: Provides facilities to convey imported water to the western portion of the service area.

Site Requirements: Pipeline will be constructed in public rights-of-way and easements.

CEQA: Notice of Determination filed in FY 2014/15.

Project Schedule: FY 2018/19: Complete design and construction.

Projected Impact on Operating Costs: Less than \$5,000 per year.

Category	Current Estimated Total Project Cost	Cumulative Estimated Expenditures through June 30, 2018	FY 2018/19 Budget
Planning and Conceptual Design	\$ -	\$ -	\$ -
Design (Including Bid Services)	174,000	105,000	69,000
Construction			
Construction Management and Engineering	818,000	-	818,000
Capital Construction Costs	5,170,000	-	5,170,000
Additional Project Delivery Costs (Post-Construction Activities, Monitoring and Mitigation, etc.)	5,000	-	5,000
TOTAL	\$ 6,167,000	\$ 105,000	\$ 6,062,000

Notes:

Santa Clarita Valley Water Agency
 Capital Improvement Budget - Import Division
 FY 2018/19 Budget



Project Title: Magic Mountain Pipeline No. 6

CIP No. 200527

Description: Construction of a pipeline to convey imported water from the end of the proposed Magic Mountain Pipeline Phase 5 to the proposed Magic Mountain Reservoir site.

Purpose/Justification: Provides facilities to convey imported water to the western portion of the service area.

Site Requirements: Pipeline will be constructed in public rights-of-way and easements.

CEQA: Notice of Determination filed in FY 2014/15.

Project Schedule:
 FY 2018/19: Initiate design.
 FY 2019/20: Complete design.
 FY 2020/21: Complete construction.

Projected Impact on Operating Costs: Less than \$5,000 per year.

Category	Current Estimated Total Project Cost	Cumulative Estimated Expenditures through June 30, 2018	FY 2018/19 Budget
Planning and Conceptual Design	\$ -	\$ -	\$ -
Design (Including Bid Services)	340,000	200	100,000
Construction			
Construction Management and Engineering	1,550,000	-	-
Capital Construction Costs	11,000,000	-	-
Additional Project Delivery Costs (Post-Construction Activities, Monitoring and Mitigation, etc.)	5,000	-	-
TOTAL	\$ 12,895,000	\$ 200	\$ 100,000

Notes:

Santa Clarita Valley Water Agency
 Capital Improvement Budget - Import Division
 FY 2018/19 Budget



Project Title: Magic Mountain Reservoir

CIP No. 200528

Description: Construction of a 12.5 MG reservoir for the western portion of the service area.

Purpose/Justification: Provides facilities to store imported water in the western portion of the service area.

Site Requirements: Reservoir will be constructed on property obtained in fee.

CEQA: Environmental documentation requirements will be addressed during the planning phase.

Project Schedule:
 FY 2018/19: Planning and preliminary design.
 FY 2019/20: Complete planning and initiate design.
 FY 2020/21: Complete design.

Projected Impact on Operating Costs: To be determined during the planning phase.

Category	Current Estimated Total Project Cost	Cumulative Estimated Expenditures through June 30, 2018	FY 2018/19 Budget
Planning and Conceptual Design	\$ 390,000	\$ 53,900	\$ 80,000
Design (Including Bid Services)	2,780,000	-	-
Construction			
Construction Management and Engineering	6,700,000	-	-
Capital Construction Costs	27,800,000	-	-
<i>Unforeseen / Changed Conditions</i> (Post-Construction Activities, Monitoring and Mitigation, etc.)	-	-	-
	273,000	-	-
TOTAL	\$ 37,943,000	\$ 53,900	\$ 80,000

Notes:

Santa Clarita Valley Water Agency
 Capital Improvement Budget - Import Division
 FY 2018/19 Budget



Project Title: Recycled Water Program Phase 2A – Central Park

CIP No. 200453

Description: Construction of new facilities to expand recycled water service from the Valencia Water Reclamation Plant to Central Park, and serve users in central Valencia and Saugus portions of the service area.

Purpose/Justification: Expand recycled water service to additional water customers.

Site Requirements: Rio Vista Water Treatment Plant (RVWTP) site, public rights-of-way encroachments, and easements or land purchases that will be obtained during the design phase.

CEQA: A Mitigated Negative Declaration was adopted by the Board of Directors on December 13, 2017.

Project Schedule: FY 2018/19: Initiate final design.

Projected Impact on Operating Costs: Approximately \$75,000 per year.

Category	Current Estimated Total Project Cost	Cumulative Estimated Expenditures through June 30, 2018	FY 2018/19 Budget
Planning and Conceptual Design	\$ 245,000	\$ 245,000	\$ -
Design (Including Bid Services)	1,322,000	27,000	100,000
Construction			
Construction Management and Engineering	1,252,000	-	-
Capital Construction Costs	12,520,000	-	-
Additional Project Delivery Costs (Post-Construction Activities, Monitoring and Mitigation, etc)	55,000	2,000	
TOTAL	\$ 15,394,000	\$ 274,000	\$ 100,000

Notes:
 Current estimated total project cost represents Import Division's share of estimated project costs (backbone system only). Current total estimated project cost for Phase 2A = \$18,755,000. Import Division's share of project cost = \$15,394,000.

Santa Clarita Valley Water Agency
 Capital Improvement Budget - Import Division
 FY 2018/19 Budget



Project Title: Recycled Water Program Phase 2B – Vista Canyon

CIP No. 200454

Description: Construction of new facilities to expand recycled water service from proposed Vista Canyon Water Factory to customers in eastern portion of service area.

Purpose/Justification: Expand recycled water service to additional water customers.

Site Requirements: Public rights-of-way encroachments, and easements or land purchases that will be identified during the planning phase.

CEQA: A Mitigated Negative Declaration was adopted by the Board of Directors on November 20, 2017.

Project Schedule: FY 2018/19: Complete final design and initiate construction.
 FY 2019/20: Complete construction.

Projected Impact on Operating Costs: Approximately \$75,000 per year.

Category	Current Estimated Total Project Cost	Cumulative Estimated Expenditures through June 30, 2018	FY 2018/19 Budget
Planning and Conceptual Design	\$ 100,000	\$ 100,000	\$ -
Design (Including Bid Services)	400,000	25,000	375,000
Construction			
Construction Management and Engineering	632,000	9,000	200,000
Capital Construction Costs	3,940,000	-	1,450,000
Additional Project Delivery Costs (Post-Construction Activities, Monitoring and Mitigation, etc)	22,000	-	
TOTAL	\$ 5,094,000	\$ 134,000	\$ 2,025,000

Notes:
 Current estimated total project cost represents Import Division's share of estimated project costs (backbone system only). Current total estimated project cost for Phase 2B = \$6,525,000. Import Division's share of project cost = \$5,094,000.
 Project will receive grant funds in the amount of \$2,710,300.

Santa Clarita Valley Water Agency
 Capital Improvement Budget - Import Division
 FY 2018/19 Budget



Project Title: Recycled Water Program Phase 2C – South End

CIP No. 200455

Description: Construction of new facilities to expand recycled water service from Valencia Water Reclamation Plant toward the south end of the service area.

Purpose/Justification: Expand recycled water service to additional water customers.

Site Requirements: Public rights-of-way and pipeline easements will be obtained during design phase.

CEQA: A Mitigated Negative Declaration was adopted by the Board of Directors on August 23, 2017.

Project Schedule:
 FY 2018/19: Complete land acquisition and final design.
 FY 2019/20: Initiate construction.
 FY 2020/21: Complete construction.

Projected Impact on Operating Costs: Approximately \$75,000 per year.

Category	Current Estimated Total Project Cost	Cumulative Estimated Expenditures through June 30, 2018	FY 2018/19 Budget
Planning and Conceptual Design	\$ 383,000	\$ 383,000	\$ -
Design (Including Bid Services)	957,000	607,000	350,000
Construction			
Construction Management and Engineering	1,200,000	17,000	-
Capital Construction Costs	10,122,000	-	-
Additional Project Delivery Costs (Post-Construction Activities, Monitoring and Mitigation, etc)	40,000	-	-
TOTAL	\$ 12,702,000	\$ 1,007,000	\$ 350,000

Notes:
 Current estimated total project cost represents Import Division's share of estimated project costs (backbone system only). Current total estimated project cost for Phase 2C = \$15,752,000. Import Division's share of project cost = \$12,702,000.

Santa Clarita Valley Water Agency
 Capital Improvement Budget - Import Division
 FY 2018/19 Budget

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Project Title: Recycled Water Program Phase 2D – West Ranch

CIP No. 200456

Description: Construction of new facilities to expand recycled water service from the existing Recycled Water Reservoir #1 toward the west end of the service area.

Purpose/Justification: Expand recycled water service to additional water customers

Site Requirements: Public rights-of-way and pipeline easements will be obtained during design phase.

CEQA: A Mitigated Negative Declaration was adopted by the Board of Directors on July 26, 2017.

Project Schedule: FY 2018/19: Complete final design and initiate construction.
 FY 2019/20: Complete construction.

Projected Impact on Operating Costs: Less than \$75,000 per year.

Category	Current Estimated Total Project Cost	Cumulative Estimated Expenditures through June 30, 2018	FY 2018/19 Budget
Planning and Conceptual Design	\$ 130,000	\$ 130,000	\$ -
Design (Including Bid Services)	275,000	275,000	-
Construction			
Construction Management and Engineering	695,000	-	600,000
Capital Construction Costs	1,325,000	-	1,100,000
Additional Project Delivery Costs (Post-Construction Activities, Monitoring and Mitigation, etc)	40,000		
TOTAL	\$ 2,465,000	\$ 405,000	\$ 1,700,000

Notes:
 Current estimated total project cost represents Import Division's share of estimated project costs (backbon system only). Current total estimated project cost for Phase 2D = \$3,295,000.
 Import Division's share of Phase 2D project cost = \$2,465,000.
 Project will receive grant funds in the amount of \$1,806,900.

Santa Clarita Valley Water Agency
 Capital Improvement Budget - Import Division
 FY 2018/19 Budget

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Project Title: Replacement Wells

CIP No. 200962

Description: Construction of two 2,000 gpm Saugus Formation wells and associated pipelines to convey water to the Agency's distribution system.

Purpose/Justification: Will replace capacity lost to perchlorate contamination.

Site Requirements: Well sites to be provided by Five Point. Easements will be obtained during final design phase.

CEQA: CEQA documents will be prepared and presented prior to the design phase.

Project Schedule:
 FY 2018/19: Final design and right of way acquisition.
 FY 2019/20: Construction of wells and pipeline.
 FY 2020/21: Construction of wells and pipeline.

Projected Impact on Operating Costs: TBD

Category	Current Estimated Total Project Cost	Cumulative Estimated Expenditures through June 30, 2018	FY 2018/19 Budget
Planning and Conceptual Design	\$ 322,000	\$ 222,000	\$ 100,000
Design (Including Bid Services)	885,000	85,000	800,000
Construction			
Construction Management and Engineering	1,000,000		
Capital Construction Costs	8,691,000		
Additional Project Delivery Costs (Post-Construction Activities, Monitoring and Mitigation, etc)	500,000		
TOTAL	\$ 11,398,000	\$ 307,000	\$ 900,000

Notes:
 Up to \$8.3 million will be reimburseable from Whittaker-Bermite in accordance with Amendment 5 of the Whittaker-Bermite Settlement Agreement.

Santa Clarita Valley Water Agency
 Capital Improvement Budget - Import Division
 FY 2018/19 Budget



Project Title: Rosedale-Rio Bravo Extraction Project

CIP No. 200906

Description: Construction of groundwater wells and conveyance systems by Rosedale-Rio Bravo Water Storage District to recover Agency water stored in the Rosedale-Rio Bravo Water Banking and Exchange Program.

Purpose/Justification: Recover Agency stored groundwater for dry-year water delivery to Agency service area (up to 7,500 AFY).

Site Requirements: Well site and conveyance facility sites owned or to be acquired by Rosedale-Rio Bravo Water Storage District.

CEQA: Agency environmental compliance covered by existing RRB Banking Program EIR.

Project Schedule: FY 2018/19: Final equipping of six wells anticipated to be completed by September 2018. SCVWA is anticipated to be able to draw water from facility in FY 2018/19 if necessary. Project scheduled to be completed in FY 2018/19.

Projected Impact on Operating Costs: Not applicable.

Category	Current Estimated Total Project Cost	Cumulative Estimated Expenditures through June 30, 2018	FY 2018/19 Budget
Planning and Conceptual Design	\$ 110,000	\$ 110,000	
Design (Including Bid Services)	125,000	125,000	
Construction			
Construction Management and Engineering	385,000	341,000	15,000
Capital Construction Costs	8,656,000	8,300,000	385,000
Additional Project Delivery Costs (Post-Construction Activities, Monitoring and Mitigation, etc)	460,000	460,000	
TOTAL	\$ 9,736,000	\$ 9,336,000	\$ 400,000

Notes:

Santa Clarita Valley Water Agency
 Capital Improvement Budget - Import Division
 FY 2018/19 Budget

DRAFT

Project Title: Distribution System – RV-2 Modifications

CIP No. 200010

Description: Replacement of existing 72 inch valve and construction of modifications to the existing Rio Vista Valve #2 facility.

Purpose/Justification: Control treated water system hydraulics. Improves operational flexibility and system reliability.

Site Requirements: Easements for the modified facility will be obtained during the design phase.

CEQA: Categorical Exemption (Class 2, Section 15302 of the California Environmental Quality Act Guidelines).

Project Schedule: FY 2018/19: Complete construction.

Projected Impact on Operating Costs: Less than \$5,000 per year.

Category	Current Estimated Total Project Cost	Cumulative Estimated Expenditures through June 30, 2018	FY 2018/19 Budget
Planning and Conceptual Design	\$ 142,000	\$ 142,000	\$ -
Design (Including Bid Services)	610,000	610,000	-
Construction			
Construction Management and Engineering	435,000	415,000	20,000
Capital Construction Costs	2,200,000	2,200,000	-
Additional Project Delivery Costs (Post-Construction Activities, Monitoring and Mitigation, etc)	15,000	-	15,000
TOTAL	\$ 3,402,000	\$ 3,367,000	\$ 35,000

Notes:

Santa Clarita Valley Water Agency
 Capital Improvement Budget - Import Division
 FY 2018/19 Budget

DRAFT

Project Title: Saugus Formation Dry Year Reliability Wells

CIP No. 200963

Description: Two wells capable of producing water at the combined rate of 4,200 gpm and associated pipelines to convey water to the Agency's distribution system.

Purpose/Justification: Provide water to make up for production lost during dry periods.

Site Requirements: Well sites to be provided by Five Point. Easements will be obtained during final design phase.

CEQA: CEQA documentation will be prepared during planning phase.

Project Schedule: FY 2018/19: Coordinate with Groundwater Sustainability Act (GSA) activities.

Projected Impact on Operating Costs: TBD. Pumping, disinfection and maintenance costs will be incurred but will be offset by reduced costs of importing and treating surface water supplies.

Category	Current Estimated Total Project Cost	Cumulative Estimated Expenditures through June 30, 2018	FY 2018/19 Budget
Planning and Conceptual Design	\$ 389,000	\$ 139,000	\$ -
Design (Including Bid Services)	800,000	82,000	-
Construction			
Construction Management and Engineering			-
Capital Construction Costs	8,691,000		-
Additional Project Delivery Costs (Post-Construction Activities, Monitoring and Mitigation, etc)	500,000		-
TOTAL	\$ 10,380,000	\$ 221,000	\$ -

Notes:
 Project on hold pending groundwater modeling and outcome from GSA related activities.

Santa Clarita Valley Water Agency
 Capital Improvement Budget - Import Division
 FY 2018/19 Budget

DRAFT

Project Title: Update Water Conservation and Education Garden

CIP No.: 200013

Description: Refurbishment of the existing Conservatory Garden at RVWTP.

Purpose/Justification: To educate and inspire the community of Santa Clarita about water-efficient plants and irrigation.

Site Requirements: Existing RVWTP garden site.

CEQA: Exempt.

Project Schedule: FY 2018/19: Planning and Construction.

Projected Impact on Operating Costs: None

Category	Current Estimated Total Project Cost	Cumulative Estimated Expenditures through June 30, 2018	FY 2018/19 Budget
Planning and Conceptual Design	\$ 100,000	\$ -	\$ 100,000
Design (Including Bid Services)			
Construction	340,000		\$ 340,000
Construction Management and Engineering			
Capital Construction Costs			
Additional Project Delivery Costs (Post-Construction Activities, Monitoring and Mitigation, etc)			
TOTAL	\$ 440,000	\$ -	\$ 440,000

Notes:

D-R-A-F-T

Project Title: Begonias Lane Pipeline Replacement
CIP No.
Description: Existing victaulic piping is susceptible to leaks. Approximately 725 linear feet of pipeline will be replaced as part of the Pipeline Replacement Program.
Purpose/Justification: Reduce the exposure of large repair costs due to pipeline leaks.
Site Requirements: None
CEQA: Exempt
Project Schedule: FY 2018/19: Design and construction
Projected Impact on Operating Costs: None

Category	Current Estimated Total Project Cost	Cumulative Estimated Expenditures through June 30, 2018	FY 2018/19 Budget
Planning and Conceptual Design	\$ 15,000	\$ -	\$ 15,000
Design (Including Bid Services)	-	-	-
Construction			
Construction Management and Engineering	-	-	-
Capital Construction Costs	195,000	-	195,000
Additional Project Delivery Costs (Post-Construction Activities, Monitoring and Mitigation, etc)	-	-	
TOTAL	\$ 210,000	\$ -	\$ 210,000

Notes:

D-R-A-F-T

Project Title: Castaic Well 1 Drain Line

CIP No.

Description: Installation of approximately 1,100 lineary feet of 12-inch diameter well discharge drain

Purpose/Justification: Installation of drain line to properly flush Castaic Well 1

Site Requirements: None

CEQA: Exempt

Project Schedule: FY 2018/19: Construction

Projected Impact on Operating Costs: None

Category	Current Estimated Total Project Cost	Cumulative Estimated Expenditures through June 30, 2018	FY 2018/19 Budget
Planning and Conceptual Design	\$ 5,000	\$ -	\$ 5,000
Design (Including Bid Services)	-	-	-
Construction			
Construction Management and Engineering	-	-	-
Capital Construction Costs	120,000	-	120,000
Additional Project Delivery Costs (Post-Construction Activities, Monitoring and Mitigation, etc)	-	-	
TOTAL	\$ 125,000	\$ -	\$ 125,000

Notes:

D-R-A-F-T

Project Title: Los Angeles Residential Community (LARC) Pipeline Project

CIP No.

Description: Construct 9,500 linear feet of 12-Inch diameter pipeline in Bouquet Canyon Road from Shadow Valley Lane to the LARC Turnout

Purpose/Justification: Provide potable water service to LARC with extra pipeline capacity to provide service to other existing water users along the pipeline route

Site Requirements: Pipeline will be constructed in public right of way

CEQA: A Mitigated Negative Declaration was adopted by CLWA's Board of Directors on March 8, 2017

Project Schedule: FY 2018/19: Complete Grant Application Approval Process
 FY 2019/20: Complete construction

Projected Impact on Operating Costs: Less than \$5,000 per year

Category	Current Estimated Total Project Cost	Cumulative Estimated Expenditures through June 30, 2018	FY 2018/19 Budget
Planning and Conceptual Design	\$ 14,000	\$ 14,000	\$ -
Design (Including Bid Services)	75,000	65,000	10,000
Construction			
Construction Management and Engineering	75,000	-	75,000
Capital Construction Costs	615,000	-	615,000
Additional Project Delivery Costs (Post-Construction Activities, Monitoring and Mitigation, etc)			
TOTAL	\$ 779,000	\$ 79,000	\$ 700,000

Notes:
 Budget represents SCV Water's portion of costs to upsize pipeline from 8-inch PVC to 12-inch DIP to accommodate other water users along the pipeline route
 Assumes LARC portion is funded by SWRCB Grant

D-R-A-F-T

Project Title: Vista Canyon Extension (Phase 2B) Recycled Water Distribution Pipelines

CIP No.

Description: Construct 6,300 feet of 6-inch diameter pipeline for recycled water to serve existing irrigation customers in the Fair Oaks Ranch community

Purpose/Justification: Provide recycled water infrastructure to existing irrigation customers to offset potable water demands

Site Requirements: Pipelines will be constructed in public right of way

CEQA: A Mitigated Negative Declaration was adopted by CLWA's Board of Directors on November 20, 2017

Project Schedule: FY 2018/19: Complete final design and start construction
 FY 2019/20: Complete construction

Projected Impact on Operating Costs: Less than \$5,000 per year

Category	Current Estimated Total Project Cost	Cumulative Estimated Expenditures through June 30, 2018	FY 2018/19 Budget
Planning and Conceptual Design	\$ 55,000	\$ 55,000	\$ -
Design (Including Bid Services)	200,000	125,000	75,000
Construction			
Construction Management and Engineering	90,000	-	90,000
Capital Construction Costs	1,035,000	-	1,035,000
Additional Project Delivery Costs (Post-Construction Activities, Monitoring and Mitigation, etc)			
TOTAL	\$ 1,380,000	\$ 180,000	\$ 1,200,000

Notes:
 CIP represents SCV Water costs for distribution system. SCV Water Import will Division budget will cover costs for backbone systems.
 Assumes Grant Funding from Department of Water Resources will fund a portion of the project.

D-R-A-F-T

Project Title: Wildwood Road Pipeline Replacement
CIP No.
Description: Replace approximately 400 linear feet of existing 4-inch diameter bare steel pipeline
Purpose/Justification: Replace existing 4" bare steel pipeline as part of Pipeline Replacement Program
Site Requirements: None
CEQA: Exempt
Project Schedule: FY 2018/19: Construction
Projected Impact on Operating Costs: None

Category	Current Estimated Total Project Cost	Cumulative Estimated Expenditures through June 30, 2018	FY 2018/19 Budget
Planning and Conceptual Design	\$ 15,000	\$ -	\$ 15,000
Design (Including Bid Services)	-	-	-
Construction			
Construction Management and Engineering	-	-	-
Capital Construction Costs	235,000	-	235,000
Additional Project Delivery Costs (Post-Construction Activities, Monitoring and Mitigation, etc)	-	-	
TOTAL	\$ 250,000	\$ -	\$ 250,000

Notes:

D-R-A-F-T

Project Title: Windcrest Place Pipeline Replacement
CIP No.
Description: Replace approximately 350 linear feet of existing 6-inch diameter bare steel pipeline
Purpose/Justification: Replace existing 6" bare steel pipeline as part of Pipeline Replacement Program
Site Requirements: None
CEQA: Exempt
Project Schedule: FY 2018/19: Construction
Projected Impact on Operating Costs: None

Category	Current Estimated Total Project Cost	Cumulative Estimated Expenditures through June 30, 2018	FY 2018/19 Budget
Planning and Conceptual Design	\$ 15,000	\$ -	\$ 15,000
Design (Including Bid Services)	-	-	-
Construction			
Construction Management and Engineering	-	-	-
Capital Construction Costs	215,000	-	215,000
Additional Project Delivery Costs (Post-Construction Activities, Monitoring and Mitigation, etc)	-	-	
TOTAL	\$ 230,000	\$ -	\$ 230,000

Notes:

D-R-A-F-T

Project Title: Newhall System Booster Station 4
CIP No.
Description: Replace the switch gear and panels for Newhall System Booster Station 4
Purpose/Justification: Switch gear and panels have reached end of useful life. Repair parts are no longer available.
Site Requirements: None
CEQA: Exempt
Project Schedule: FY 2018/19: Design and construction
Projected Impact on Operating Costs: None

Category	Current Estimated Total Project Cost	Cumulative Estimated Expenditures through June 30, 2018	FY 2018/19 Budget
Planning and Conceptual Design			
Design (Including Bid Services)	5,000		5,000
Construction			
Construction Management and Engineering			
Capital Construction Costs	95,000		95,000
Additional Project Delivery Costs (Post-Construction Activities, Monitoring and Mitigation, etc)			
TOTAL	\$ 100,000	\$ -	\$ 100,000

Notes:

D-R-A-F-T

Project Title: Deane Pump Station
CIP No.
Description: Construct new booster pump station from North Oaks Zone to Deane Zone
Purpose/Justification: To improve refill pumping rates per the SCWD 2013 Water Master Plan
Site Requirements: Developer will provide land and graded pad as part of Tract 60922
CEQA: Developer prepared required CEQA documentation for pump station as part of Tract 60922
Project Schedule: FY 2018/19: Complete final design of pump station and start construction
 FY 2019/20: Complete Construction
Projected Impact on Operating Costs: The projected impact on annual operating costs is anticipated to be approximately \$75,000.

Category	Current Estimated Total Project Cost	Cumulative Estimated Expenditures through June 30, 2018	FY 2018/19 Budget
Planning and Conceptual Design			
Design (Including Bid Services)	150,000	-	150,000
Construction			
Construction Management and Engineering	85,000	-	85,000
Capital Construction Costs	765,000	-	765,000
Additional Project Delivery Costs (Post-Construction Activities, Monitoring and Mitigation, etc)			
TOTAL	\$ 1,000,000	\$ -	\$ 1,000,000

Notes:
 CIP Budget reflects SCV Water portion of pump station capacity needed to address system improvements identified in 2013 Master Plan and September 5, 2017 Planning Phase Technical Memo for Tract 60922

D-R-A-F-T

Project Title: Presley Booster Station Improvements
CIP No.
Description: Replace pumps and motors.
Purpose/Justification: Replacement of pumps and motors to improve efficiencies, improve transmission system hydraulics and remove existing bottleneck.
Site Requirements: None
CEQA: Exempt
Project Schedule: FY 2018/19: Construction
Projected Impact on Operating Costs: Efficiency improvements will reduce operating costs

Category	Current Estimated Total Project Cost	Cumulative Estimated Expenditures through June 30, 2018	FY 2018/19 Budget
Planning and Conceptual Design	\$ 1,000		\$ 1,000
Design (Including Bid Services)	5,000		5,000
Construction			
Construction Management and Engineering	1,000		1,000
Capital Construction Costs	193,000		193,000
Additional Project Delivery Costs (Post-Construction Activities, Monitoring and Mitigation, etc)			
TOTAL	\$ 200,000	\$ -	\$ 200,000

Notes:

D-R-A-F-T

Project Title: Two 2.5 MG Deane Tanks

CIP No.

Description: Construct two 2.5 MG welded steel potable water tanks in the Deane Zone

Purpose/Justification: Improve storage capacity in the Deane Zone per SCWD's 2013 Water Master Plan

Site Requirements: Developer will provide land and graded pad as part of Tract 60922

CEQA: Developer prepared required CEQA documentation as part of Tract 60922

Project Schedule: FY 2018/19: Complete design, start construction of first tank
 FY 2019/20: Complete construction of first tank

Projected Impact on Operating Costs: Less than \$5,000 per year

Category	Current Estimated Total Project Cost	Cumulative Estimated Expenditures through June 30, 2018	FY 2018/19 Budget
Planning and Conceptual Design	\$ -	\$ -	\$ -
Design (Including Bid Services)	215,000	-	215,000
Construction			
Construction Management and Engineering	215,000	-	100,000
Capital Construction Costs	4,085,000	-	2,050,000
Additional Project Delivery Costs (Post-Construction Activities, Monitoring and Mitigation, etc)			
TOTAL	\$ 4,515,000	\$ -	\$ 2,365,000

Notes:
 CIP Budget represents SCV Water portion of tanks needed to address system improvements identified in 2013 Water Master Plan and September 5, 2017 Planning Analysis Technical Memo for Tract 69022

D-R-A-F-T

Project Title: Honby Tank #1 Roof Interior Recoat
CIP No.
Description: Remove and replace coating from interior and exterior roof areas.
Purpose/Justification: Extend life of tank with new protective coating in areas of concern as recommended by tank inspection
Site Requirements: None
CEQA: Exempt
Project Schedule: FY 2018/19: Complete construction
Projected Impact on Operating Costs: None

Category	Current Estimated Total Project Cost	Cumulative Estimated Expenditures through June 30, 2018	FY 2018/19 Budget
Planning and Conceptual Design	\$ 5,000	\$ 5,000	\$ -
Design (Including Bid Services)	5,000		5,000
Construction			
Construction Management and Engineering	25,000	-	25,000
Capital Construction Costs	335,000		335,000
Additional Project Delivery Costs (Post-Construction Activities, Monitoring and Mitigation, etc)			
TOTAL	\$ 370,000	\$ 5,000	\$ 365,000

Notes:

D-R-A-F-T

Project Title: Castaic System Well 7 Rehabilitation
CIP No.
Description: Complete rehabilitation of Castaic System Well 7
 Pull equipment, refurbish or replace, video survey, wire brush and bail
Purpose/Justification: Rehabilitate NWD Castaic System Well 7 to improve well performance
Site Requirements: None
CEQA: exempt
Project Schedule: FY 2018/19: Design and Rehabilitation
Projected Impact on Operating Costs: Improvements in efficiency will reduce operating costs

Category	Current Estimated Total Project Cost	Cumulative Estimated Expenditures through June 30, 2018	FY 2018/19 Budget
Planning and Conceptual Design	\$ 1,000		\$ 1,000
Design (Including Bid Services)	5,000		5,000
Construction			
Construction Management and Engineering			
Capital Construction Costs	174,000		174,000
Additional Project Delivery Costs (Post-Construction Activities, Monitoring and Mitigation, etc)			
TOTAL	\$ 180,000	\$ -	\$ 180,000

Notes:

D-R-A-F-T

Project Title: Well 201 Noise Abatement
CIP No.
Description: Provide facility improvements in order to reduce and minimize site noise during operation
Purpose/Justification: Construct an exterior well facility to reduce and minimize noise
Site Requirements: None
CEQA: Exempt
Project Schedule: FY 2018/19: Design and Construction
Projected Impact on Operating Costs: Less than \$5,000 per year

Category	Current Estimated Total Project Cost	Cumulative Estimated Expenditures through June 30, 2018	FY 2018/19 Budget
Planning and Conceptual Design	\$ 1,000	\$ -	\$ 1,000
Design (Including Bid Services)	25,000	-	25,000
Construction			
Construction Management and Engineering	3,000		3,000
Capital Construction Costs	171,000		171,000
Additional Project Delivery Costs (Post-Construction Activities, Monitoring and Mitigation, etc)			
TOTAL	\$ 200,000	\$ -	\$ 200,000

Notes:

D-R-A-F-T

Project Title: Well D Rehabilitation
CIP No.
Description: Rehabilitate Well D
 Pull equipment, refurbish or replace, video survey, wire brush/bail
Purpose/Justification: Rehabilitate VWC Well D to improve well performance.
Site Requirements: None
CEQA: Exempt
Project Schedule: FY 2018/19: Well Rehabilitation
Projected Impact on Operating Costs: Improvement in Well Efficiency and Operating Costs

Category	Current Estimated Total Project Cost	Cumulative Estimated Expenditures through June 30, 2018	FY 2018/19 Budget
Planning and Conceptual Design			
Design (Including Bid Services)			
Construction			
Construction Management and Engineering			
Capital Construction Costs	250,000	-	250,000
Additional Project Delivery Costs (Post-Construction Activities, Monitoring and Mitigation, etc)			
TOTAL	\$ 250,000	\$ -	\$ 250,000

Notes:

D-R-A-F-T

Project Title: Well E-17 Construction
CIP No.
Description: Complete construction of VWD Well E-17
Purpose/Justification: Increase system reliability and redundancy
Site Requirements: Public rights-of-way, pipeline easements and fee title will be obtained.
CEQA: TBD
Project Schedule: FY 2018/19: Complete construction
Projected Impact on Operating Costs: TBD

Category	Current Estimated Total Project Cost	Cumulative Estimated Expenditures through June 30, 2018	FY 2018/19 Budget
Planning and Conceptual Design			
Design (Including Bid Services)			
Construction			
Construction Management and Engineering			
Capital Construction Costs	706,000	400,000	300,000
Additional Project Delivery Costs (Post-Construction Activities, Monitoring and Mitigation, etc)			
TOTAL	\$ 706,000	\$ 400,000	\$ 300,000

Notes:

D-R-A-F-T

Project Title: SCV Water Interconnection Study and Construction

CIP No.

Description: Assess various opportunities to interconnect the various distribution systems and import supply pipelines. Each Division has allocated \$100,000 to assess, study, and construct interconnections.

Purpose/Justification: Interconnecting systems will help improve redundancy, flow and water quality.

Site Requirements: None

CEQA: Exempt

Project Schedule: FY 2018/19: Design and Construction

Projected Impact on Operating Costs: Less than \$5,000 per year

Category	Current Estimated Total Project Cost	Cumulative Estimated Expenditures through June 30, 2018	FY 2018/19 Budget
Planning and Conceptual Design	\$ 100,000	\$ -	\$ 100,000
Design (Including Bid Services)	-	-	-
Construction			
Construction Management and Engineering	-	-	-
Capital Construction Costs	300,000	-	300,000
Additional Project Delivery Costs (Post-Construction Activities, Monitoring and Mitigation, etc)	-	-	
TOTAL	\$ 400,000	\$ -	\$ 400,000

Notes:
Alderbrook Drive and Hacienda Lane, Newhall
Soledad Canyon Rd and Oak Springs Canyon Rd, Canyon Country
Convert 400 SCWD customers to NCWD's distribution system
SCWD and NCWD adjoining customers in Pinetree, Canyon Country

Engineering Services Section
Regional Capital Improvement Projects

Updated April 28, 2018

			2018				2019				2020				2021				2022				2023				2024				2025				2026			
			Jan	Mar	Jun	Sep	Jan	Mar	Jun	Sep	Jan	Mar	Jun	Sep	Jan	Mar	Jun	Sep	Jan	Mar	Jun	Sep	Jan	Mar	Jun	Sep	Jan	Mar	Jun	Sep	Jan	Mar	Jun	Sep	Jan	Mar		
Projects	Category. See below for description	Current Estimated Total Project Cost	FY 2017/18		FY 2018/19				FY 2019/20				FY 2020/21				FY 2021/22				FY 2022/23				FY 2023/24				FY 2024/25				FY 2025/26					
			3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q		
1	Distribution System - RV-2 Modifications	\$ 3,402,000	C																																			
2	ESIPS Pipeline Improvements	\$ 4,083,000	C																																			
3	ESFP Clearwell Improvements	\$ 8,606,000	C																																			
4	Foothill Feeder Connection Construction	\$ 5,308,000	C																																			
5	Magic Mountain Pipeline No. 4	\$ 4,375,000	D		C																																	
6	Magic Mountain Pipeline No. 5	\$ 5,650,000	D		C																																	
7	Recycled Water Program Phase II, 2D, West Ranch	\$ 2,465,000	D		C			S																														
8	ESFP Sludge Collection System	\$ 14,641,000	D		C																																	
9	Recycled Water Program Phase II, 2B, Vista Canyon	\$ 5,094,000	P		D			C		S																												
10	Replacement Wells (Reimbursable)	\$ 11,398,000			D			C																														
11	Saugus Formation Dry Year Reliability Wells	\$ 10,380,000						P																														
12	Magic Mountain Pipeline No. 6	\$ 11,895,000					RW	D		C																												
13	Castaic Conduit	\$ 15,116,000			RW		D			C																												
14	Recycled Water Program Phase II 2C, South End	\$ 12,702,000	D		RW		D			C				S																								
15	Groundwater Treatment Improvements	\$ 2,772,000								D				C																								
16	Honby Parallel	\$ 25,489,000			RW			D						C																								
17	Magic Mountain Reservoir	\$ 37,943,000					P		D		RW		D																									
18	Recycled Water Program Phase II, 2A, Central Park	\$ 15,394,000								D																												
19	Southern Service Area Emergency Storage	\$ 61,766,000								P				D			RW		D																			
20	Sand Canyon Reservoir Expansion	\$ 17,692,000															P				D																	
Total Estimated Cost			\$ 260,080,000	FY 2017/18		FY 2018/19				FY 2019/20				FY 2020/21				FY 2021/22				FY 2022/23				FY 2023/24				FY 2024/25				FY 2025/26				
				3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	

DRAFT

Category A = Operational Requirement / Improvement Project
Category B = Water Quality / Regulatory Project
Category C = Capacity / Demand Management Project

LEGEND: Planning Phase (P)
Design Phase (D)
Right-of-Way/Land Acquisition (RW)
Construction (C)
Conversions/ Start-Up (S)

**Santa Clarita Valley Water Agency
Engineering Services Section
Third Party Funded Agreements Quarterly Report
As of April 20, 2018**

ITEM NO.
3

Project	Third Party Funding Source	Design Or Construction	Contractor Or Consultant	Construction Amount	SCV Water Amount	Status
Active Agreements:						
Skyline Ranch Tract 60922-01 Backbone Pipelines	Pardee Homes	Construction	Mesa Engineering, Inc.	\$1,417,928	\$142,000	In Construction
Skyline Ranch Tract 60922-01 Planning Areas C & D Pipelines	Pardee Homes	Construction	Staats Construction	\$533,300	\$53,330	In Construction
College of the Canyons Valencia Campus Parking Structure – Water Line Improvements	Santa Clarita Community College District	Design and Construction	Design - SCV Water Construction - TBD	\$350,000 (estimated)	\$129,000	Bidding/Construction
Pending Agreements:						
Mission Village – Well 206/207 Pipeline Relocation	FivePoint	Construction	FivePoint	TBD	TBD	FivePoint is reviewing the Agreement
Mission Village – Pipe Connection at Sky View Lane / The Old Road	FivePoint	Construction	FivePoint	TBD	TBD	FivePoint is reviewing the Agreement
Mission Village – Temporary bypass pipeline (Magic Mountain Parkway)	FivePoint	Construction	FivePoint	TBD	TBD	FivePoint is reviewing the Agreement
Demineralization Facility – Fire Hydrant	FivePoint	Construction	FivePoint	TBD	TBD	FivePoint is reviewing the Agreement
Skyline Ranch Tract 60922-01 Planning Areas A&B & PA -01	Pardee Homes	Construction	TBD	TBD	TBD	Design in progress
Skyline Ranch Tract 60922-01 Planning Areas E1 & F	Pardee Homes	Construction	TBD	TBD	TBD	Design in progress
Plum Canyon Tract 46018-11 Pump Station	Toll Brothers	Construction	TBD	\$975,000 (estimated)	TBD	Design in progress
Skyline Ranch Tract 60922-01 Tanks	Pardee Homes	Construction	TBD	\$2,350,000 (estimated)	TBD	Design in progress
Vista Canyon Tract 69164 Phase 1A Potable and Recycled Pipelines	Vista Canyon LLC	Construction	Mesa Engineering, Inc	\$629,000	TBD	Design completed

**Santa Clarita Valley Water Agency
Capital Improvement Projects (CIP) Construction Monthly Status Report
As of April 18, 2018**

Project	Contractor	Original Contract Amount	Change Orders to Date	% Change Orders	Current Contract Amount	Scheduled Completion	Estimated % of Work Completed	Status
SPTF Pressure Control Modifications	GSE Construction	\$134,000	\$0	0%	\$134,000	February 23, 2018	100%	Project close-out in progress.
Foothill Feeder Turnout	GSE Construction	\$2,691,300	\$24,636	0.92%	\$2,715,936	March 31, 2019	75%	Pipe pressure test, electrical and backfill work are in progress.
RV-2 Modifications	Environmental Construction	\$2,089,672	\$12,995	0.62%	\$2,102,667	May 9, 2018	85%	The new isolation valve has been installed and associated pipeline work has been completed. Electrical and landscape work is in progress.
ESIPS Pipeline Improvements	Pacific Hydrotech	\$3,083,100	\$0	0%	\$3,083,100	May 15, 2018	55%	The concrete structure has been constructed. Pipe installation work is in progress.
ESFP Clearwell / CT Improvements	Clark Brothers	\$5,623,745	\$12,509.35	0.22%	\$5,636,254.35	August 6, 2018	65%	The clearwell walls have been completed. Installation of railings is in progress.
Pipeline Improvements for Newhall Ranch Road Bridge Widening	Staats Construction	\$24,591	\$0	0%	\$24,591	TBD	80%	Relocation of two fire hydrants and installation of irrigation service have been completed. Construction plans to relocate one additional fire hydrants are being prepared.
Well E-17 and Water Improvements	Staats Construction, Padilla Electric, and General Pump	\$571,734	\$0	0%	\$571,734	TBD	15%	The well pipeline plans are being revised to incorporate staff's comments.

**Engineering Committee
Planning Calendar
FY 2017/18**

ITEM NO. 5

	Item	Feb 20 Board	March 1 Comm	April 3 Board	April 5 Comm	May 1 Board	May 3 Comm	June 5 Board	June 7 Comm	July 3 Board
1	Monthly Committee Planning Calendar		C		C		P		P	
2	CIP Construction Status Report		C		C		P		P	
3	Third Party Funded Agreements Quarterly Report						P			
4	CIP Construction Update/Overview	C								
5	Revise Purchasing Policy for 3rd Party Funded Projects	C								
6	Recommend approval of Work Authorizations for final design of the Recycled Water Vista Canyon (Phase 2B) Pipeline and Tank		C	C						
7	Review Proposed FY 2018/19 Major Capital Projects (FY 2018/19 Budget Preparation)				C					
8	Update on LARC Ranch Pipeline Project				C	P				
9	Approve DWR WQ Laboratory Testing Services Contract (3 yrs)					P				
10	Follow-up Review of Proposed FY 2018/19 Major Capital Projects, if needed (FY 2018/19 Budget Preparation)						P			
11	NWD Surplus Property Negotiations - Closed Session						P	P		
12	Recommend approval of a Work Authorization for TBD for Engineering Services for VOC CERCLA process								P	P

C = Completed Item
P = Planned Item

**Engineering Committee
Planning Calendar
FY 2018/19**

	Item	July 3 Board	July 5 Comm	August 7 Board	Aug 2 Comm	Sept 4 Board	Sept 6 Comm	Oct 2 Board	Oct 4 Comm	Nov 6 Board	Nov 1 Comm	Dec 4 Board	Dec 6 Comm	Jan 1 Board	Jan 3 Comm	Feb 5 Board	Feb 7 Comm	March 5 Board	March 7 Comm	April 2 Board	April 4 Comm	May 7 Board	May 2 Comm	June 4 Board	June 6 Comm	July 2 Board
1	Monthly Committee Planning Calendar		P		P		P		P		P		P		P		P		P		P		P		P	
2	CIP Construction Status Report		P		P		P		P		P		P		P		P		P		P		P		P	
3	Third Party Funded Agreements Quarterly Report				P						P						P						P			
4	Recycled Water Program Presentation		P	P																						
5	Recommend Approval of a Work Authorization for TBD for final design of the Magic Mountain Reservoir						P	P																		
6	Recommend Approval of Resolution Awarding Construction Contract to TBD to Recoat Exterior of Catala No. 4 Tank								P	P																
7	Recommend Approval of Resolution Awarding Construction Contract to TBD to Recoat Exterior of Princess Tank, No. 1								P	P																
8	Recommend Approval of Resolution Awarding Construction Contract to TBD for Pipeline in Rainbow Glen Drive								P	P																
9	Recommend Approval of a Work Authorization for TBD for final design of the Replacement Wells Pipeline/Infrastructure										P	P														
10	Recommend Approval of a Work Authorization for TBD for final design of the Replacement Wells (Wells only)										P	P														
11	Recommend Approval of Resolution Authorizing SCVWA to Execute Consolidation and Water Service Agreement, and Financing Agreement for Construction of Pipeline to the Los Angeles Residential Community										P	P														
12	Recommend Approval of Resolution Awarding Construction Contract to TBD for Pipeline to the Los Angeles Residential Community										P	P														
13	Recommend approval of Resolution Awarding Construction Contract to TBD for Recycled Water Vista Canyon (Phase 2B) Tank										P	P														
14	Recommend approval of Resolution Awarding Construction Contract to TBD for Recycled Water Vista Canyon (Phase 2B) Pipelines											P	P													
15	Recommend Approval of Resolution Awarding Construction Contract to TBD for New Intertie and Pressure Regulating Station with Newhall County Water District at Gary Street											P	P													
16	Recommend Approval of Resolution Awarding Construction Contract to TBD for Washwater Return and Sludge Systems Project														P	P										
17	Recommend Approval of Resolution Awarding Construction Contract to TBD for West Ranch Recycled Water Main Extension (Phase 2D) Project														P	P										
18	Recommend Approval of Construction of a New 2.5 MG Deane Tank and Cost Sharing Agreement with Developer																P	P								
19	Recommend Approval of Construction of a New Deane Zone Pump Station and Cost Sharing Agreement with Developer																P	P								
20	Recommend Approval of a Work Authorization for final design of the Recycled Water Central Park (Phase 2A) Project																						P	P		
21	Recommend Approval of a Work Authorization for TBD for final design of the Groundwater Treatment Improvements (VOC Treatment)																						P			