



**SPMUD BOARD OF DIRECTORS  
REGULAR MEETING: 4:30 PM**

**May 7, 2015**

SPMUD Board Room  
5807 Springview Drive, Rocklin, CA 95677

The District's regular Board meeting is held on the first Thursday of every month. This notice and agenda is posted on the District's web site ([www.spmud.ca.gov](http://www.spmud.ca.gov)) and posted in the District's outdoor bulletin board at the SPMUD Headquarters at the above address. Meeting facilities are accessible to persons with disabilities. Requests for other considerations should be made through the District Headquarters at (916)786-8555.

**AGENDA**

**I. CALL MEETING TO ORDER**

**II. ROLL CALL OF DIRECTORS**

Director Gerald Mitchell,	Ward 1
Director William Dickinson,	Ward 2
President John Murdock,	Ward 3
Director Victor Markey,	Ward 4
Director James Williams,	Ward 5

**III. PLEDGE OF ALLEGIANCE**

**IV. CONSENT ITEMS**

[pg 5 to 13]

Consent items should be considered together as one motion. Any item(s) requested to be removed will be considered after the motion to approve the Consent Items.

ACTION: (Voice vote)

***Motion to approve the consent items for the May 7, 2015 meeting***

1. MINUTES from the April 2, 2015 Regular Board Meeting.
2. ACCOUNTS PAYABLE in the amount of \$1,737,984.44 through April 30, 2015.
3. MONTHLY INVESTMENT REPORT in the total amount of \$47,093,541.49, through April 30, 2015.

**V. PUBLIC COMMENTS**

Items not on the Agenda may be presented to the Board at this time; however, the Board can take no action.

## VI. BOARD BUSINESS

Board action may occur on any identified agenda item. Any member of the public may directly address the Board on any identified agenda item of interest, either before or during the Board's consideration of that item.

1. CONSIDERATION OF ACCEPTANCE OF BILL OF SALE & ADOPTION OF RESOLUTION No. 15-07 AUTHORIZING THE REFUND AGREEMENT FOR THE ROCKLIN 60 – PHASE I SUBDIVISION, BETWEEN SPMUD & TAYLOR MORRISON SERVICES, INC. [pg 14 to 24]

### RECOMMENDATION:

Attached is the Bill of Sale with location map for the following completed project: The Rocklin 60 – Phase 1 subdivision is located in Rocklin behind Walmart on Sierra College Boulevard off of Schriber Way. Rocklin 60 – Phase 1 consists of 46 single-family residential homes for a total of 46 EDU's.

Also attached is a Refund Agreement between the District and Taylor Morrison Services Inc., which establishes a fee of \$68.32 to be collected for each EDU in the refund agreement area, to a total not to exceed \$68,255.31. The Agreement expires on May 7, 2025.

### ACTION REQUESTED: (roll call vote)

1. **Adopt Resolution No. 15-07 authorizing the Refund Agreement for Rocklin 60 – Phase I subdivision, between SPMUD and Taylor Morrison Services Inc.**
2. **Motion to accept the Bill of Sale for the Rocklin 60 – Phase I subdivision.**

2. CONSIDERATION OF A BILL OF SALE FOR SEWER IMPROVEMENTS WITHIN THE WHITNEY RANCH UNIT 22 SUBDIVISION [pg 25 to 27]

### RECOMMENDATION:

Attached is the Bill of Sale for Whitney Ranch Unit 22 which is located in Rocklin on the southeast corner of Whitney Ranch Parkway and Wildcat Boulevard. Whitney Ranch Unit 22 consists of 48 single-family residential homes for a total of 48 EDU's.

### ACTION REQUESTED: (voice vote)

- Motion to accept the bill of sale for Whitney Ranch Unit 22 Subdivision.**

3. CONSIDERATION OF A BILL OF SALE FOR SEWER IMPROVEMENTS AT THE HIGHLANDS LIFT STATION [pg 28 to 30]

### RECOMMENDATION:

Attached is the Bill of Sale with location map for the Highlands Lift Station which is located in Rocklin at the end of Monument Springs Drive. Upgrades to the existing Highlands Lift Station were required in order to bring it to District standards.

ACTION REQUESTED: (voice vote)

***Motion to accept the bill of sale for the Highlands Lift Station.***

4. CONSIDERATION AND AUTHORIZATION TO APPROVE A COST SHARING AGREEMENT BETWEEN THE DISTRICT AND CASSE

[pg 31 to 40]

RECOMMENDATION:

The District is a Charter member of the California Alliance for Sanitary Sewer Excellence (CASSE), which was established in September 2011. CASSE has prepared a cost sharing agreement to establish criteria for agencies to financially participate in the creation of best practice projects for the Sewer industry. The draft agreement has been reviewed by District legal counsel, a final agreement will be provided soon.

ACTION REQUESTED: (voice vote)

***Staff recommends that the Board of Directors authorize the General Manager to execute the final version of a cost-sharing agreement with CASSE.***

5. CONSIDERATION & ADOPTION OF RESOLUTION No. 15-08 IMPLEMENTATION OF STAGGERED UTILITY BILLING CYCLES

[pg 41 to 44]

RECOMMENDATION

The attached staff report explains the proposal to create three Utility Billing cycles. This recommendation builds upon continued efforts to improve upon business practices and efficiencies and move from one billing cycle to three billing cycles. With approval by the Board, Staff will phase in the new billing Cycles beginning July 1, 2015.

ACTION REQUESTED: (roll call vote)

***Staff recommends that the Board of Directors adopt Resolution No. 15-08 which establishes three staggered Utility Billing Cycles***

6. CONSIDERATION OF SECAP PRESENTATION & ADOPTION OF RESOLUTION No.15-09 ACCEPTING THE SYSTEM EVALUATION AND CAPACITY ASSURANCE PLAN (SECAP)

[pg 45 to 84]

RECOMMENDATION

The attached staff report explains the requirements for a System Evaluation and Capacity Assurance Plan (SECAP) pursuant to California State Water Resources Control Board Order No. 2006-0003-DWQ, Statewide General Waste Discharge Requirements. The District SECAP meets these requirements and will serve as a planning document for the District over the next five years until the SECAP will be updated and brought to the Board for recertification.

ACTION REQUESTED: (roll call vote)

***Staff recommends that the Board of Directors adopt Resolution No. 15-9 accepting the System Evaluation and Capacity Assurance Plan dated April 2015, meeting the Statewide General Waste Discharge Requirements for Sanitary Sewer Systems.***

## **VII. REPORTS**

[pg 85 to 90]

The purpose of these reports is to provide information on projects, programs, staff actions and committee meetings that are of general interest to the Board and public. No decisions are to be made on these issues.

1. Legal Counsel (A. Brown)
2. General Manager (H. Niederberger)
  - 1) FSD, ASD & TSD Reports
  - 2) Informational items
3. Director's Comments:

Directors may make brief announcements or brief reports on their own activities. They may ask questions for clarification, make a referral to staff or take action to have staff place a matter of business on a future agenda.

## **VIII. ADJOURNMENT**

If there is no other Board business the President will adjourn the meeting to its next regular meeting on June 4, 2015 at 4:30 p.m.

**BOARD MINUTES  
SOUTH PLACER MUNICIPAL UTILITY DISTRICT**

<b>Meeting</b>	<b>Location</b>	<b>Date</b>	<b>Time</b>
Regular	District Office	April 2, 2015	4:30 p.m.

**I. CALL MEETING TO ORDER:** The Regular Meeting of the South Placer Municipal Utility District Board of Directors was called to order with President Murdock presiding at 4:30 p.m.

**II. ROLL CALL OF DIRECTORS:**

Present: Will Dickinson, Vic Markey, John Murdock, Jim Williams, Jerry Mitchell

Absent: None

Vacant: None

Staff: Herb Niederberger, General Manager  
 Jody Allen, Superintendent  
 Joanna Belanger, Administrative Services Manager  
 Adam Brown, Legal Counsel  
 Eric Nielsen, District Engineer  
 Sam Rose, Assistant Superintendent  
 Gary Gibson, Field Services Manager

Others: Rachelle Brewer

**III. PLEDGE OF ALLEGIANCE:** Director Williams led the Pledge of Allegiance.

**IV. CONSENT ITEMS:**

1. MINUTES from the March 5, 2015 Regular Board Meeting.
2. ACCOUNTS PAYABLE in the amount of \$396,150.46 through March 29, 2015.
3. MONTHLY INVESTMENT REPORT in the total amount of \$46,523,130.68, through March 27, 2015.

Director Mitchell abstained from the motion. Director Williams made a motion to approve all items on the consent calendar; a second was made by Director Dickinson, which carried 4-0.

**V. PUBLIC COMMENTS:**

President Murdock opened the Public Comments, hearing none the public comments were closed.

**VI. BOARD BUSINESS:**

President Murdock asked to hear item 3 before other items on the agenda.

**3. CONSIDERATION RESOLUTION 15-06 AUTHORIZING AN APPLICATION WITH THE PLACER LOCAL AGENCY FORMATION COMMISSION (LAFCO) FOR AN OUT OF AGENCY SERVICE AGREEMENT FOR APN 032-171-023-00**

General Manager Niederberger introduced the item, reporting that this request is for the approval of an out of area service agreement for David and Rachelle Brewer who would like to construct a home at 2392 Swetzer Road, in Penryn. General Manager Niederberger stated that the Placer County Building Department is requiring the Brewers to connect to the public sewer adjacent to their property. The Brewers are required to coordinate with the Placer County Local Area Formation Commission (Placer

LAFCO) and apply for an Out-of-Area Service Agreement with the SPMUD. This is not a full on annexation. The service provided would be in accordance with the District's Sewer Use Ordinance 09-02.

Director Dickinson asked if the District had intended when the line was constructed that additional services would be added. General Manager Niederberger responded that the line had been sized appropriately for additional services. Director Mitchell asked if other parcels would be required to connect to the line if they were on septic systems. General Manager Niederberger stated that typically LAFCO doesn't require people to connect.

Applicant, Rachelle Brewer addressed the board to thank them for their consideration and staffs assistance with the LAFCO process.

Director Dickinson made a motion to approve Resolution 15-06, a second was made by Director Williams the motion carried 5-0.

#### **1. CONSIDERATION OF ACCEPTANCE OF BILL OF SALE FOR THE ARCO AM/PM AT GRANITE DRIVE & SIERRA COLLEGE**

District Engineer Nielsen reported that a bill of sale for the ARCO AM/PM located on the southwest corner of Sierra College Road and Granite Drive was ready for acceptance. The project consists of a gas station, retail center and carwash for a total of 10.02 EDU's. The project includes installation of twenty (20) linear feet of sanitary sewer pipe and installation of one (1) manhole. Director Williams made a motion to accept the Bill of Sale, a second was made by Director Dickinson the motion carried 5-0.

#### **2. CONSIDERATION OF A DEFERRED PARTICIPATION AGREEMENT FOR JOHN FOGGY OF THE ROCKLIN ACADEMY AT 6552 LONETREE BLVD, ROCKLIN**

Director Williams noted that he would recuse himself based upon a professional association with the Rocklin Academy.

General Manager Niederberger reported that a request had been received from Mr. John Foggy to defer payment of Participation fees for the Rocklin Academy located at 6552 Lonetree Blvd, Rocklin. The property owner has made tenant improvements which changed the use of the building space which was initially calculated at 7.69 EDU's. The change in use increases the EDU total to 15.38. With the credit of 7.69 EDU's, the balance due to the District for the remaining 7.69 EDU's is \$70,417.33. The terms will be 20 quarterly payments of \$3,968.03 at 4.667% per Resolution 13-08. The District will collect an additional \$8,943.34 in interest over the life of the agreement for a total of \$79,360.60. A motion was made by Director Mitchell, a second was made by Director Markey, the motion carried 4-0.

#### **4. CONSIDERATION OF 2013-17 STRATEGIC PLAN, SEMI-ANNUAL REPORT CARD**

General Manager Niederberger reported that staff would provide a report for the 2013-17 Strategic Plan. This report is the third semi-annual report, for the period ending 2<sup>nd</sup> Quarter of FY14/15. The report documents to District's current activities and responses to future activities and changing priorities. General Manager Niederberger stated that the District has made considerable progress on meeting its goals, particularly with the high-priority and technology related projects. Following the introduction each Department Manager presented information to walk the board through highlights, accomplishments and any difficulties that had been experienced throughout the reporting period. At the end of the

presentation board directors asked questions regarding specific projects and accomplishments. The Board accepted the report as presented.

**VII. REPORTS:**

**1. District Legal Counsel (A. Brown):** Legal Counsel Brown reported that work continues to complete the review of District Policies and necessary revisions for the Boards approval. He stated that he was preparing an overview report to the board for May to highlight legislative updates which affect the district.

**2. General Manager (H.Niederberger):**

**A. ASD, FSD & TSD Reports:** General Manager Niederberger indicated that ASD, FSD and TSD reports were included in the materials, and that staff was available to answer any questions from the Board. General Manager Niederberger reported that he had met with the Policy & Ordinance review Committee on February 11, 2015 to discuss a series of resolutions forming a District Manual of Policies. He further reported that a meeting had been held with the Fee & Finance Committee on March 25, 2015, he reported that he would bring a report to the May meeting. A short discussion followed addressing the recent Governor's Declaration of drought in California and its effects on the District.

**B. Information Items:** No further information was reported.

**3. Directors Comments:** Director Williams stated that the Fee & Finance Committee had held two meetings in March, a report for the SECAP would be provided to the full board in May. Director Markey and Williams reported that the 2 by 2 meetings with the Town of Loomis continue and work is still progressing slowly. Director Mitchell stated that he participated in a survey with the City of Rocklin, with the idea of connecting trails and parks and mentioned that the City may be contacting the District regarding some of our sewer easements. Director Williams commended Herb on attending meetings with the Chamber of Commerce and the City of Rocklin and staying up to date with the development occurring within the District's boundaries. General Manager Niederberger also reported that he is continuing to work out the details for an MOU between the District and the City of Rocklin for joint use facilities, shared access agreements and mutual aid.

**VIII. ADJOURNMENT**

The meeting was adjourned at 5:32 p.m. to the next regularly scheduled meeting on May 7, 2015 at 4:30 p.m.



Joanna Belanger  
Board Secretary



South Placer Municipal Utility District, CA

# Check Report

By Check Number

Date Range: 03/28/2015 - 04/29/2015

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
<b>Bank Code: AP Bank-AP Bank</b>						
1005	A & J Repairs	04/06/2015	Regular	0.00	242.50	5910
1021	ARC	04/06/2015	Regular	0.00	110.77	5911
1022	AT&T	04/06/2015	Regular	0.00	46.78	5912
1004	AT&T	04/06/2015	Regular	0.00	73.24	5913
1490	Barbara Lewis	04/06/2015	Regular	0.00	1,389.55	5914
1036	Bill's Backflow Service	04/06/2015	Regular	0.00	50.00	5915
1056	Capitol Architectural Products	04/06/2015	Regular	0.00	263.00	5916
1058	Carquest Auto Parts	04/06/2015	Regular	0.00	381.46	5917
1068	City of Roseville	04/06/2015	Regular	0.00	1,513,921.00	5918
1087	Dawson Oil Co.	04/06/2015	Regular	0.00	1,749.55	5919
1093	DMG Lawn Maintenance	04/06/2015	Regular	0.00	325.00	5920
1102	Empire Safety & Supply	04/06/2015	Regular	0.00	362.42	5921
1108	Everything Radios, Inc.	04/06/2015	Regular	0.00	230.00	5922
1119	Future Ford Fleet Service	04/06/2015	Regular	0.00	655.10	5923
1146	InSight Mobile Data Inc.	04/06/2015	Regular	0.00	330.00	5924
1163	Joe Gonzalez Trucking, LLC.	04/06/2015	Regular	0.00	971.09	5925
1174	KBA Docusys, Inc.	04/06/2015	Regular	0.00	390.11	5926
1180	Lands' End Business Outfitters	04/06/2015	Regular	0.00	182.76	5927
1181	Landscape Spray Solutions	04/06/2015	Regular	0.00	475.00	5928
1199	Meek's Lumber & Hardware	04/06/2015	Regular	0.00	26.51	5929
1221	PG&E	04/06/2015	Regular	0.00	3,368.89	5930
1473	Pitney Bowes Postage By Phone	04/06/2015	Regular	0.00	370.99	5931
1487	RJA Heating & Air, Inc.	04/06/2015	Regular	0.00	1,653.25	5932
1333	SPOK, Inc.	04/06/2015	Regular	0.00	26.39	5933
1299	Staples Contract & Commercial	04/06/2015	Regular	0.00	103.36	5934
1325	Tyler Technologies, Inc.	04/06/2015	Regular	0.00	2,193.75	5935
1327	US Bank Corporate Payment	04/06/2015	Regular	0.00	1,290.33	5936
	**Void**	04/06/2015	Regular	0.00	0.00	5937
1332	USA Blue Book	04/06/2015	Regular	0.00	128.95	5938
1491	Vanguard Cleaning Systems	04/06/2015	Regular	0.00	691.25	5939
1128	Golden 1 Credit Union	04/07/2015	Regular	0.00	831.36	5940
1007	Advanced Integrated Pest	04/17/2015	Regular	0.00	101.00	5941
1022	AT&T	04/17/2015	Regular	0.00	185.81	5942
1026	AUS Sacramento MC Lockbox	04/17/2015	Regular	0.00	1,560.87	5943
1080	CWEA Renewal	04/17/2015	Regular	0.00	168.00	5944
1087	Dawson Oil Co.	04/17/2015	Regular	0.00	1,417.36	5945
1126	Gold Country Tractors, Inc.	04/17/2015	Regular	0.00	330.46	5946
1136	Helix Laboratories, Inc.	04/17/2015	Regular	0.00	2,543.45	5947
1139	Hill Rivkins Brown & Associates	04/17/2015	Regular	0.00	6,136.00	5948
1165	John Deere Landscapes, Inc.	04/17/2015	Regular	0.00	13.60	5949
1173	KBA Docusys	04/17/2015	Regular	0.00	190.46	5950
1199	Meek's Lumber & Hardware	04/17/2015	Regular	0.00	1.51	5951
1207	Municipal Maintenance Equipment	04/17/2015	Regular	0.00	92.19	5952
1232	Pitney Bowes, Inc.	04/17/2015	Regular	0.00	40.83	5953
1244	Preferred Alliance	04/17/2015	Regular	0.00	137.76	5954
1250	RadioShack Corporation	04/17/2015	Regular	0.00	6.43	5955
1291	Special District Risk Management Authority	04/17/2015	Regular	0.00	516.35	5956
1290	Spec-West, Inc.	04/17/2015	Regular	0.00	397.52	5957
1297	Stanley Convergent Security Solutions, Inc.	04/17/2015	Regular	0.00	43.14	5958
1299	Staples Contract & Commercial	04/17/2015	Regular	0.00	171.04	5959
1363	Travis Wilson	04/17/2015	Regular	0.00	250.00	5960
1325	Tyler Technologies, Inc.	04/17/2015	Regular	0.00	400.00	5961
1338	Verizon Wireless	04/17/2015	Regular	0.00	357.21	5962
1343	Water Works Engineers, LLC	04/17/2015	Regular	0.00	25,562.10	5963

Check Report

Date Range: 03/28/2015 - 04/29/2015

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
1492	Wave Broadband - Rocklin	04/17/2015	Regular	0.00	397.80	5964
1128	Golden 1 Credit Union	04/24/2015	Regular	0.00	831.36	5965
1240	Placer County Personnel	04/24/2015	Regular	0.00	586.04	5966
1246	Prudential Municipal Pool	04/24/2015	Regular	0.00	163.53	5967
1006	Aaron Moore	04/23/2015	Regular	0.00	88.76	5968
1016	American General Life Insurance	04/23/2015	Regular	0.00	9,572.00	5969
1020	Aqua Sierra Controls, Inc.	04/23/2015	Regular	0.00	429.00	5970
1056	Capitol Architectural Products	04/23/2015	Regular	0.00	191.00	5971
1073	Consolidated Communications	04/23/2015	Regular	0.00	1,007.29	5972
1110	Fastenal	04/23/2015	Regular	0.00	23.32	5973
1113	Ferguson Enterprises, Inc. 1423	04/23/2015	Regular	0.00	96.75	5974
1141	Home Depot Credit Service	04/23/2015	Regular	0.00	246.66	5975
1159	Jensen Precast	04/23/2015	Regular	0.00	308.14	5976
1172	Justin Roston	04/23/2015	Regular	0.00	233.19	5977
1199	Meek's Lumber & Hardware	04/23/2015	Regular	0.00	17.61	5978
1207	Municipal Maintenance Equipment	04/23/2015	Regular	0.00	1,591.36	5979
1253	Recology Auburn Placer	04/23/2015	Regular	0.00	297.02	5980
1268	Rocklin Windustrial Co.	04/23/2015	Regular	0.00	500.27	5981
1287	Sierra Safety	04/23/2015	Regular	0.00	103.45	5982
1299	Staples Contract & Commercial	04/23/2015	Regular	0.00	758.94	5983
1325	Tyler Technologies, Inc.	04/23/2015	Regular	0.00	26,659.05	5984
1339	Vulcan Materials Co.	04/23/2015	Regular	0.00	398.35	5985
1149	Internal Revenue Service	04/10/2015	Bank Draft	0.00	79.32	DFT0001145
1098	EDD (EFT)	04/10/2015	Bank Draft	0.00	6.40	DFT0001146
1149	Internal Revenue Service	04/10/2015	Bank Draft	0.00	18.54	DFT0001147
1045	Cal Pers 457 Plan (EFT)	04/10/2015	Bank Draft	0.00	500.00	DFT0001149
1135	Mass Mutual (EFT)	04/10/2015	Bank Draft	0.00	4,575.00	DFT0001150
1229	Pers (EFT)	04/10/2015	Bank Draft	0.00	147.25	DFT0001151
1229	Pers (EFT)	04/10/2015	Bank Draft	0.00	275.68	DFT0001152
1229	Pers (EFT)	04/10/2015	Bank Draft	0.00	575.21	DFT0001153
1229	Pers (EFT)	04/10/2015	Bank Draft	0.00	3,445.84	DFT0001154
1229	Pers (EFT)	04/10/2015	Bank Draft	0.00	7,189.31	DFT0001155
1229	Pers (EFT)	04/10/2015	Bank Draft	0.00	971.42	DFT0001156
1229	Pers (EFT)	04/10/2015	Bank Draft	0.00	1,530.94	DFT0001157
1229	Pers (EFT)	04/10/2015	Bank Draft	0.00	641.07	DFT0001158
1229	Pers (EFT)	04/10/2015	Bank Draft	0.00	641.07	DFT0001159
1149	Internal Revenue Service	04/10/2015	Bank Draft	0.00	9,152.70	DFT0001160
1098	EDD (EFT)	04/10/2015	Bank Draft	0.00	2,581.13	DFT0001161
1098	EDD (EFT)	04/10/2015	Bank Draft	0.00	706.12	DFT0001162
1149	Internal Revenue Service	04/10/2015	Bank Draft	0.00	2,140.60	DFT0001163
1149	Internal Revenue Service	04/10/2015	Bank Draft	0.00	7,359.37	DFT0001164
1098	EDD (EFT)	04/24/2015	Bank Draft	0.00	-49.25	DFT0001179
1098	EDD (EFT)	04/24/2015	Bank Draft	0.00	-564.21	DFT0001180
1149	Internal Revenue Service	04/24/2015	Bank Draft	0.00	-64.47	DFT0001182
1045	Cal Pers 457 Plan (EFT)	04/24/2015	Bank Draft	0.00	500.00	DFT0001184
1135	Mass Mutual (EFT)	04/24/2015	Bank Draft	0.00	4,225.00	DFT0001185
1229	Pers (EFT)	04/24/2015	Bank Draft	0.00	147.25	DFT0001186
1229	Pers (EFT)	04/24/2015	Bank Draft	0.00	275.68	DFT0001187
1229	Pers (EFT)	04/24/2015	Bank Draft	0.00	575.21	DFT0001188
1229	Pers (EFT)	04/24/2015	Bank Draft	0.00	3,445.85	DFT0001189
1229	Pers (EFT)	04/24/2015	Bank Draft	0.00	7,189.31	DFT0001190
1229	Pers (EFT)	04/24/2015	Bank Draft	0.00	971.42	DFT0001191
1229	Pers (EFT)	04/24/2015	Bank Draft	0.00	1,530.94	DFT0001192
1229	Pers (EFT)	04/24/2015	Bank Draft	0.00	631.55	DFT0001193
1229	Pers (EFT)	04/24/2015	Bank Draft	0.00	631.55	DFT0001194
1149	Internal Revenue Service	04/24/2015	Bank Draft	0.00	8,510.78	DFT0001195
1098	EDD (EFT)	04/24/2015	Bank Draft	0.00	2,554.42	DFT0001196
1098	EDD (EFT)	04/24/2015	Bank Draft	0.00	617.74	DFT0001197
1149	Internal Revenue Service	04/24/2015	Bank Draft	0.00	1,990.46	DFT0001198
1149	Internal Revenue Service	04/24/2015	Bank Draft	0.00	7,452.91	DFT0001199
1098	EDD (EFT)	04/24/2015	Bank Draft	0.00	-7.75	DFT0001206

Check Report

Date Range: 03/28/2015 - 04/29/2015

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
1098	EDD (EFT)	04/24/2015	Bank Draft	0.00	-8.00	DFT0001207
1149	Internal Revenue Service	04/24/2015	Bank Draft	0.00	-12.02	DFT0001209
1015	American Fidelity Assurance	04/22/2015	Bank Draft	0.00	1,379.73	DFT0001210
1230	Pers (EFT)	04/24/2015	Bank Draft	0.00	32,833.60	DFT0001211
1135	Mass Mutual (EFT)	04/29/2015	Bank Draft	0.00	325.00	DFT0001213
1229	Pers (EFT)	04/29/2015	Bank Draft	0.00	18.03	DFT0001214
1229	Pers (EFT)	04/29/2015	Bank Draft	0.00	37.62	DFT0001215
1229	Pers (EFT)	04/29/2015	Bank Draft	0.00	225.34	DFT0001216
1229	Pers (EFT)	04/29/2015	Bank Draft	0.00	470.15	DFT0001217
1149	Internal Revenue Service	04/29/2015	Bank Draft	0.00	344.70	DFT0001218
1098	EDD (EFT)	04/29/2015	Bank Draft	0.00	135.14	DFT0001219
1098	EDD (EFT)	04/29/2015	Bank Draft	0.00	25.02	DFT0001220
1149	Internal Revenue Service	04/29/2015	Bank Draft	0.00	80.62	DFT0001221
1149	Internal Revenue Service	04/29/2015	Bank Draft	0.00	290.62	DFT0001222
1149	Internal Revenue Service	04/29/2015	Bank Draft	0.00	294.92	DFT0001224
1098	EDD (EFT)	04/29/2015	Bank Draft	0.00	122.21	DFT0001225
1098	EDD (EFT)	04/29/2015	Bank Draft	0.00	21.41	DFT0001226
1149	Internal Revenue Service	04/29/2015	Bank Draft	0.00	68.98	DFT0001227
1149	Internal Revenue Service	04/29/2015	Bank Draft	0.00	271.67	DFT0001228

Bank Code AP Bank Summary

Payment Type	Payable Count	Payment Count	Discount	Payment
Regular Checks	116	75	0.00	1,617,958.34
Manual Checks	0	0	0.00	0.00
Voided Checks	0	1	0.00	0.00
Bank Drafts	58	58	0.00	120,026.10
EFT's	0	0	0.00	0.00
	<b>174</b>	<b>134</b>	<b>0.00</b>	<b>1,737,984.44</b>

Check Report

Date Range: 03/28/2015 - 04/29/2015

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
1240	Placer County Personnel	04/28/2015	Regular	0.00	560.00	5996

Bank Code PY Bank Summary

Payment Type	Payable Count	Payment Count	Discount	Payment
Regular Checks	1	1	0.00	560.00
Manual Checks	0	0	0.00	0.00
Voided Checks	0	0	0.00	0.00
Bank Drafts	0	0	0.00	0.00
EFT's	0	0	0.00	0.00
	<b>1</b>	<b>1</b>	<b>0.00</b>	<b>560.00</b>

### Fund Summary

Fund	Name	Period	Amount
100	GENERAL FUND	4/2015	1,738,544.44
			<u>1,738,544.44</u>

**MONTHLY INVESTMENT REPORT**

**SOUTH PLACER MUNICIPAL  
UTILITY DISTRICT**

Local Agency Investment Fund  
As of April 29, 2015 **\$10,506,515.00**

Average Interest for Month Ended  
March 31, 2015 0.26%

Placer County Treasury  
As of March 31, 2015 **\$35,022,086.62**

Effective Rate of Return for Month Ended  
March 31, 2015 0.84 %

Checking Account Balance (U.S. Bank)  
As of April 30, 2015 **\$1,564,939.87**

Investments are in compliance with the SPMUD Investment Policy, and have the ability to meet the next six months of cash flow requirements.

# SOUTH PLACER MUNICIPAL UTILITY DISTRICT

## STAFF REPORT

**To:** Board of Directors

**From:** Eric Nielsen, District Engineer

**Cc:** Carie Huff, Engineering Technician

**Subject:** Adoption of the Refund Agreement and Acceptance of the Bill of Sale for Sewer Improvements within the Rocklin 60 – Phase 1 Subdivision

**Meeting Date:** May 7, 2015

---

### Overview

The Rocklin 60 – Phase 1 subdivision is located in Rocklin behind Walmart on Sierra College Boulevard off of Schriber Way. Rocklin 60 – Phase 1 consists of 46 single-family residential homes for a total of 46 EDU's. The Rocklin 60 – Phase 1 improvements include the following infrastructure:

- Installation of one thousand eight hundred and nineteen (1,819) linear feet of 6-inch and 8-inch sanitary sewer pipe;
- Installation of five hundred ninety one (591) linear feet of 18-inch trunk sanitary sewer pipe;
- Installation of thirteen (13) manholes.

### Recommendation

Staff recommends that the Board of Directors;

- Adopt Resolution 15-07 for the refund agreement for Rocklin 60 – Phase 1 subdivision, and
- Accept the attached Bill of Sale for the Rocklin 60 – Phase 1 subdivision.

### Strategic Plan Goal

This action is consistent with SPMUD Strategic Plan Goals:

Goal 1.1: Engage Customers to determine expectations.

Goal 1.2: Establish and meet Service Level(s) by Department.

Goal 3.1: Plan all projects to ensure adherence to District standards and ordinances.

### Fiscal Impact

The estimated value of the contributed capital is \$226,578.

### Attachments:

1. Resolution 15-07 – Adoption of the Rocklin 60 – Phase 1 Trunk Sewer Refund Agreement
2. Rocklin 60 – Phase 1 Trunk Sewer Refund Agreement
3. Bill of Sale
4. Map – Rocklin 60 – Phase 1

ITEM VI.1

**SOUTH PLACER MUNICIPAL UTILITY DISTRICT**

**RESOLUTION NO. 15-07**

**ADOPTION OF THE ROCKLIN 60 – PHASE 1 TRUNK SEWER REFUND AGREEMENT**

WHEREAS, it is necessary that sanitary wastewater facilities be installed to provide wastewater disposal services to the project, commonly known as Rocklin 60 – Phase 1, City of Rocklin, County of Placer, State of California; and

WHEREAS, the District certifies that the sewer pipe capacity, size, and location is adequate to carry design flow from the entire tributary area as determined by the General Manager; and

WHEREAS, the District deems it necessary that wastewater facilities be constructed which will be, or can be, used for the benefit of property not participating in the cost of construction of said facilities; and

WHEREAS, the contracting party is willing to construct and install the wastewater facilities, as hereinafter described, at its own expense, and thereafter dedicate said facilities to District for a public use, in return for partial reimbursement therefore pursuant to the terms and conditions of this agreement; and

WHEREAS, the costs and expenses incurred by the contracting party to be refunded have been verified to the District in the form of copies of invoices and cancelled checks and supporting documentation to assure that all costs incurred in the construction of the facilities to be covered by the refund agreement have been incurred and paid.

NOW, THEREFORE BE IT RESOLVED by the Board of Directors of the South Placer Municipal Utility District that

1. the attached refund agreement is adopted in its entirety;
2. the General Manager, or his designee, is hereby authorized as the District's Agent to implement the purpose and requirements of the refund agreement and will administer the attached refund agreement in consultation with the Districts Legal Counsel.

PASSED AND ADOPTED at a Regular Meeting of the South Placer Municipal Utility District Board of Directors at Rocklin, CA this 7<sup>th</sup> day of May 2015.

Signed: \_\_\_\_\_  
John R. Murdock, President of the Board of Directors

Attest: \_\_\_\_\_  
Joanna Belanger, Board Secretary

ROCKLIN 60 – PHASE 1 TRUNK SEWER  
REFUND AGREEMENT

-----  
SOUTH PLACER MUNICIPAL UTILITY DISTRICT  
TAYLOR MORRISON SERVICES, INC.

This agreement is made and entered into this \_\_\_\_\_ day of \_\_\_\_\_, 2015 by and between SOUTH PLACER MUNICIPAL UTILITY DISTRICT, a public agency, hereinafter referred to as District, TAYLOR MORRISON SERVICES, INC., a Delaware corporation, hereinafter referred to as Developer.

WITNESSETH

WHEREAS, it is necessary that sanitary wastewater facilities be installed to provide wastewater disposal services to Developer's project, commonly known as Rocklin 60 – Phase 1, City of Rocklin, County of Placer, State of California; and

WHEREAS, District deems it necessary that wastewater facilities be constructed which will be, or can be, used for the benefit of property not participating in the cost of construction of said facilities; and

WHEREAS, Developer is willing to construct and install the wastewater facilities, as hereinafter described, at its own expense, and thereafter dedicate said facilities to District for a public use, in return for partial reimbursement therefore pursuant to the terms and conditions of this agreement.

NOW, THEREFORE, IT IS MUTUALLY AGREED BY AND BETWEEN THE PARTIES HERETO AS FOLLOWS:

1. Developer shall furnish or cause to be furnished, at its sole cost and expense, all necessary labor, materials, machinery, apparatus, and other means of construction, and do all the work required to construct the following described wastewater facilities: an 18-inch trunk sewer with manholes and all related appurtenances as the same are generally depicted on the drawing attached hereto, marked Exhibit "A" and made a part hereof, all within the scope of sewer construction for providing service to Rocklin 60 – Phase 1.

2. Plans for the above improvements shall be subject to the approval of District and the construction thereof shall be in accordance with all of the ordinances, rules, regulations and specifications of District, as such may be amended from time to time. It is expressly understood and agreed by Developer that unless and until said wastewater facilities are constructed and installed in the manner herein provided and accepted by District, District shall have no obligation whatsoever to maintain said facilities or to provide wastewater service therefrom.

3. Developer agrees that upon the completion of construction and installation of said wastewater facilities in accordance with the plans and specifications, ordinances, rules, and regulations of District, said facilities shall become the property of District upon its acceptance, free and clear of all costs, liens, encumbrances, or restrictions whatsoever, and Developer shall defend, indemnify and hold harmless the District from and against any and all suits, actions, damages, regulatory actions or proceedings, enforcement claims or claims of every type and

description resulting from or by reason of the performance by Developer of this agreement. Developer agrees to transfer legal title to said facilities to District together with any and all necessary easements pertaining thereto in a form satisfactory to District.

4. In consideration of construction and installation of said wastewater facilities at Developer's expense, District agrees that the first 999 Equivalent Dwelling Units (EDU) within the real property shown on the map attached hereto, marked Exhibit "B" and made a part hereof, located adjacent to and upstream and downstream from Developer's project shall be subject to an in-lieu of construction fee. Said in-lieu fee shall be paid to Developer as partial reimbursement for construction of said wastewater facilities. The amount to be collected by District and paid to Developer shall be calculated according to the following schedule and formula:

District covenants and agrees to collect the sum of \$68.32 for each EDU as determined by District to be developed in connection with improvement plans for sewer facilities for development of properties shown on said Exhibit "B". The total sum for all EDU's so determined shall be collected prior to District approval of said improvement plans. In the event improvement plans for sewer facilities for properties shown on Exhibit "B" have been approved by District prior to the date of this agreement, said total sum shall be collected coincident with the submittal of the document transferring legal title of such improvement plan sewer facilities to District. In the event improvement plans for sewer facilities for properties shown on Exhibit "B" are not required, such as in the case of an individual applicant connecting an existing parcel of land or increases in EDU determinations of a parcel previously connected, the total sum of all applicable EDU's for said individual connection or increase shall be collected coincident with District's issuance of the sewer service application permit. The amounts collected by District shall be paid to Developer on a quarterly basis or at such other time as District and Developer may agree upon in writing. It is expressly understood that unless and until said wastewater facilities are constructed and installed in the manner herein provided and transferred to and accepted by District, District shall have no obligation to pay to Developer any of the sums collected herein.

5. Notwithstanding any other provision of this agreement, the total refund by District of the aforementioned sums shall not exceed the sum of \$68,255.31, or the amount collected within a period of ten years from the date of this agreement at which time this agreement shall cease and terminate and District shall be under no further obligation to make payments to Developer. It is expressly understood that District shall not be obligated to pay to Developer any public funds of District, but shall only be obligated to collect the sums provided for above from the developers/applicants of the properties shown on Exhibit "B". No interest shall be paid by District to Developer on any of the above sums refunded pursuant to the terms of this agreement.

6. Developer agrees that the refund as provided above represents the equitable share of the wastewater facilities construction costs for the benefiting properties shown on Exhibit "B". Developer warrants that District's obligation as provided above is with Developer, and no third party has any claim on District for said share of wastewater facilities construction costs or amounts refundable.

7. This agreement shall not be construed to limit the right of District to hereafter enlarge, relocate, or extend said wastewater facilities nor the granting to Developer a right to any specified capacity in any other sanitary wastewater facilities or wastewater treatment plant

of District now in existence or hereafter to be constructed, other than such rights, if any, that any other property owner within District would have therein.

8. Neither this agreement nor any provision thereof shall be construed to require or obligate District to expend any public funds for the direct benefit of Developer.

9. Any notices or communications required to be made herein shall be made, by deposit in the U.S. Mail, First Class Postage prepaid to:

District: South Placer M.U.D.  
5807 Springview Drive  
Rocklin, CA 95677

Developer: Taylor Morrison Services, Inc.  
Sacramento Division  
81 Blue Ravine Road, Suite 220  
Folsom, CA 95630

Either party may amend its address for notice by notifying the other in writing.

10. This agreement is not assignable by Developer without the written consent of District, which consent shall not unreasonably be withheld. No assignment shall relieve Developer of any promise or obligation made or assumed by him herein.

11. This agreement and its obligations, terms and conditions shall inure to the benefit of the heirs, successors and assigns of Developer and to the successors in interest of District.

12. This agreement is authorized by the provisions of Section 12721 and 12841(b) of the Public Utilities Code of the State of California.

13. In any action arising out of the performance of this agreement, whether in tort, contract, declaratory relief or otherwise, the prevailing party shall be entitled to recover reasonable attorney's fees and litigation expenses (including court costs and expert witness fees) from the other party. These fees, which may be set by the court in the same action or in a separate action brought for that purpose, are in addition to any other relief to which the prevailing party may be entitled. This provision applies to the entire agreement.

14. This agreement supersedes any and all other agreements, either oral or in writing, between the parties with respect to the subject of this agreement. This agreement contains all the covenants and agreements between the parties with respect to the matters herein, and each party to this agreement acknowledges that no representations, inducements, promises or agreements have been made by or on behalf of any party except those covenants and agreements embodied in this agreement. No agreement, statement or promise not contained in this agreement shall be valid or binding.

15. The validity of this agreement and of any of its terms or conditions, as well as the rights and duties of the parties under this agreement, shall be construed pursuant to and in accordance with the laws of the State of California.

16. If any term of this agreement is held by a court of competent jurisdiction to be void or unenforceable, the remainder of the agreement terms shall remain in full force and effect and shall not be affected.

IN WITNESS WHEREOF, the parties hereto have executed the within agreement the day and year first written above.

ATTEST

SOUTH PLACER MUNICIPAL UTILITY DISTRICT

\_\_\_\_\_  
Joanna Belanger, Secretary

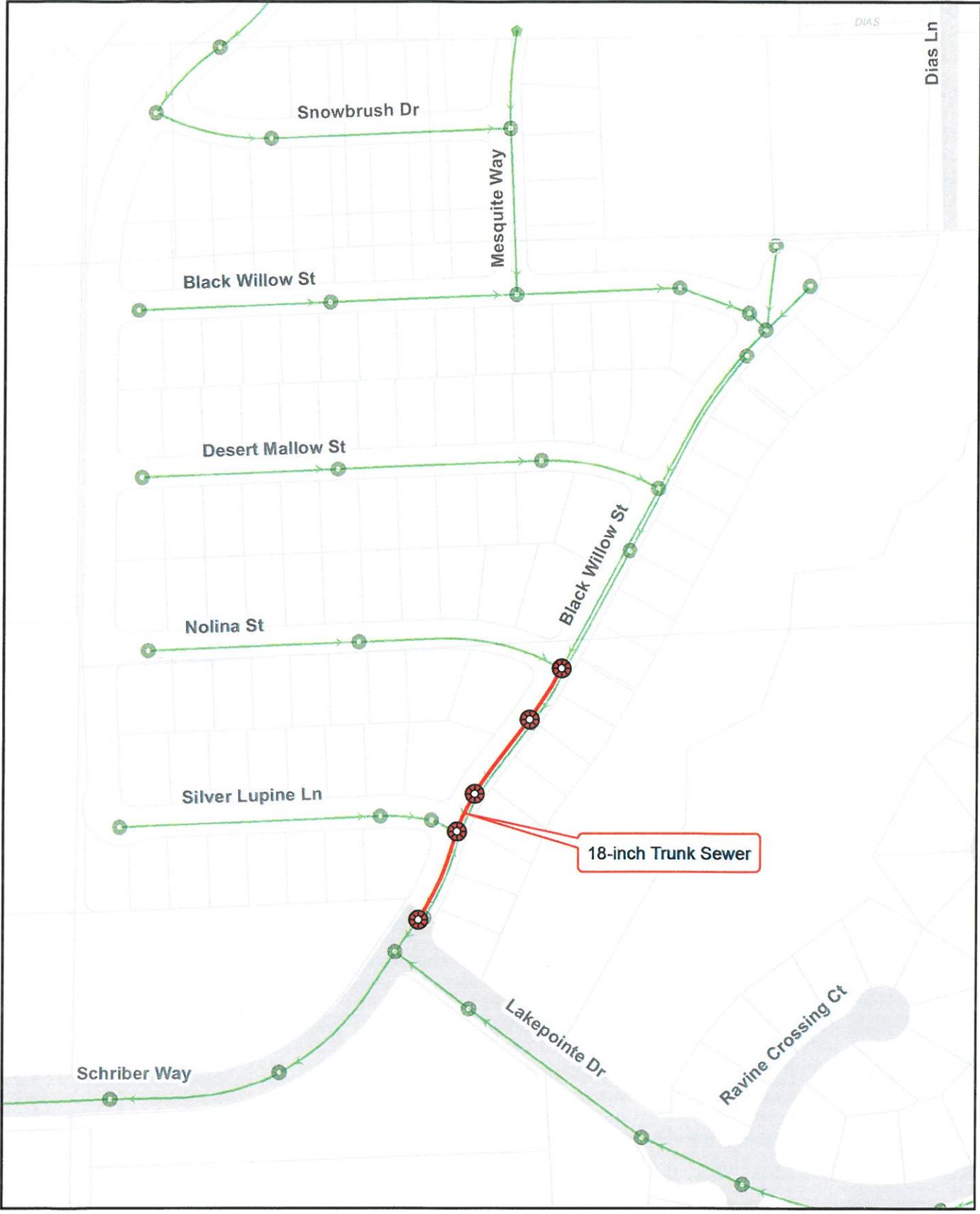
\_\_\_\_\_  
Herb Niederberger, General Manager

APPROVED AS TO FORM

\_\_\_\_\_  
Adam C. Brown, District Counsel

TAYLOR MORRISON SERVICES, INC.

  
\_\_\_\_\_



0 100 200 Feet  
 1 inch = 200 feet



**EXHIBIT "A"**  
**ROCKLIN 60 - PHASE 1**

G:\spmud\_gis\mxd\Eric\Rocklin60Ph1ExhibitA.mxd

Date: 3/26/2015  
 User Name: eric



BILL OF SALE

Taylor Morrison of California, LLC does hereby grant, bargain, sell and convey to SOUTH PLACER MUNICIPAL UTILITY DISTRICT all of its rights, title and interest in and to all public sewer pipes, lines, mains, manholes, and appurtenances installed by its contractor in that subdivision/project commonly known as Rocklin 60 Subdivision – SPMUD Phase 1 Sewer Plans Only.

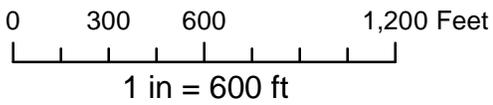
Grantor herein does hereby warrant and guarantee to SOUTH PLACER MUNICIPAL UTILITY DISTRICT that all of the personal property described herein consisting of sewer pipes, lines, mains, manholes, and appurtenances are free and clear of all mechanics liens and encumbrances of any type, nature or description whatsoever.

Dated this April 23, 2015

By: Taylor Morrison of California, LLC

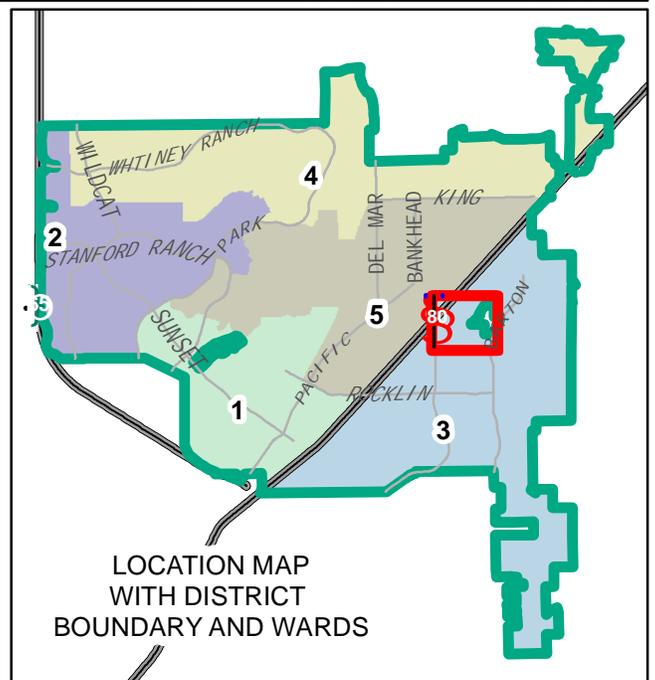
  
\_\_\_\_\_  
Signature

  
\_\_\_\_\_  
Name (Please Type or Print)



# Rocklin 60 - Phase 1

46 Residential EDUs



Date: 4/24/2015

Author: Aaron Moore

Document Path: G:\spmud\_gis\mxd\Aaron\Bill of Sale\Rocklin60PH1.mxd

# SOUTH PLACER MUNICIPAL UTILITY DISTRICT

## STAFF REPORT

**To:** Board of Directors

**From:** Eric Nielsen, District Engineer

**Cc:** Carie Huff, Engineering Technician

**Subject:** Acceptance of the Bill of Sale for Sewer Improvements within the Whitney Ranch Unit 22 Subdivision

**Meeting Date:** May 7, 2015

---

### Overview

Whitney Ranch Unit 22 is located in Rocklin on the southeast corner of Whitney Ranch Parkway and Wildcat Boulevard. Whitney Ranch Unit 22 consists of 48 single-family residential homes for a total of 48 EDU's. The Whitney Ranch Unit 22 improvements include the following infrastructure:

- Installation of one thousand seven hundred and seventeen (1,717) linear feet of sanitary sewer pipe;
- Installation of seven (7) manholes.

### Recommendation

Staff recommends that the Board of Directors accept the attached Bill of Sale for the Whitney Ranch Unit 22 subdivision.

### Strategic Plan Goal

This action is consistent with SPMUD Strategic Plan Goals:

Goal 1.1: Engage Customers to determine expectations.

Goal 1.2: Establish and meet Service Level(s) by Department.

Goal 3.1: Plan all projects to ensure adherence to District standards and ordinances.

### Fiscal Impact

The estimated value of the contributed capital is \$172,360.

### Attachments:

1. Bill of Sale
2. Map – Whitney Ranch Unit 22



*With us, it's personal.™*

BILL OF SALE

Richmond American Homes of Maryland, Inc. does hereby grant, bargain, sell and convey to SOUTH PLACER MUNICIPAL UTILITY DISTRICT all of its rights, title and interest in and to all public sewer pipes, lines, mains, manholes, and appurtenances installed by its contractor in that subdivision/project commonly known as Whitney Ranch-Phase 1 Unit 22.

Grantor herein does hereby warrant and guarantee to SOUTH PLACER MUNICIPAL UTILITY DISTRICT that all of the personal property described herein consisting of sewer pipes, lines, mains, manholes, and appurtenances are free and clear of all mechanics liens and encumbrances of any type, nature or description whatsoever.

Dated this January 20, 2015

By: (Developer/Owner)

Richmond American Homes of Maryland, Inc.

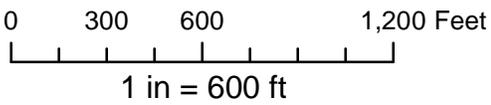
A handwritten signature in blue ink, appearing to be 'Kevin Fredrickson', written over a horizontal line.

Signature

Kevin Fredrickson, VP Land

Name

Richmond American Homes of Maryland, Inc.



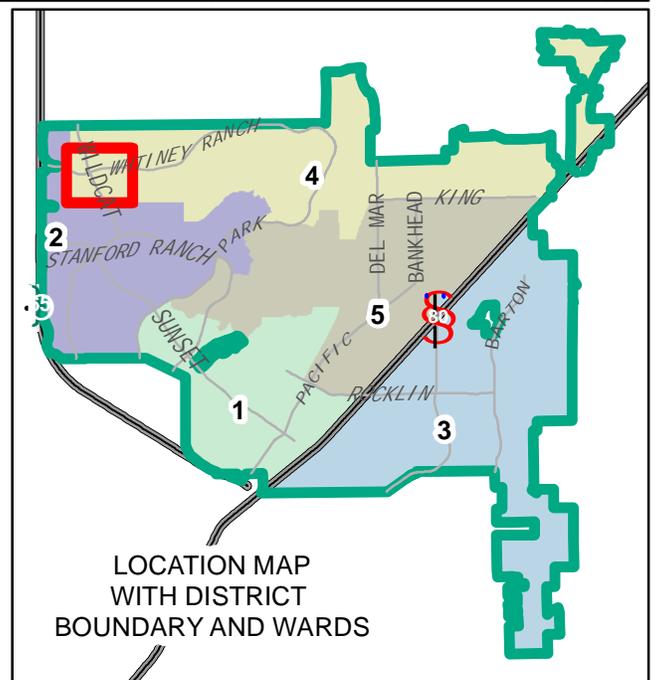
# Whitney Ranch - Unit 22

48 Residential EDUs

Date: 4/24/2015

Author: Aaron Moore

Document Path: G:\spmud\_gis\mxd\Aaron\Bill of Sale\WhitneyRanchUnit22.mxd



LOCATION MAP  
WITH DISTRICT  
BOUNDARY AND WARDS

# SOUTH PLACER MUNICIPAL UTILITY DISTRICT

## STAFF REPORT

**To:** Board of Directors

**From:** Eric Nielsen, District Engineer

**Cc:** Carie Huff, Engineering Technician

**Subject:** Acceptance of the Bill of Sale for Sewer Improvements at the Highlands Lift Station

**Meeting Date:** May 7, 2015

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### Overview

The Highlands Lift Station is located in Rocklin at the end of Monument Springs Drive. Upgrades to the existing Highlands Lift Station were required in order to bring it to District standards. Lift station improvements included:

- Construction of a new CMU building to house a generator, electrical components and chemicals;
- Installation of a new generator;
- Installation of a new soundwall around the site; and
- Resurfacing of the site.

### Recommendation

Staff recommends that the Board of Directors accept the attached Bill of Sale for the Highlands Lift Station.

### Strategic Plan Goal

This action is consistent with SPMUD Strategic Plan Goals:

Goal 1.1: Engage Customers to determine expectations.

Goal 1.2: Establish and meet Service Level(s) by Department.

Goal 3.1: Plan all projects to ensure adherence to District standards and ordinances.

### Fiscal Impact

The estimated value of the contributed capital is \$380,000.

Attachments:

1. Bill of Sale
2. Map – Highlands Lift Station

BILL OF SALE

Elliott Homes, Inc. does hereby grant, bargain, sell and convey to SOUTH PLACER MUNICIPAL UTILITY DISTRICT all of its rights, title and interest in and to all public lift station, sewer pipes, lines, mains, manholes, and appurtenances installed by its contractor in that subdivision/project commonly known as HIGHLANDS LIFT STATION.

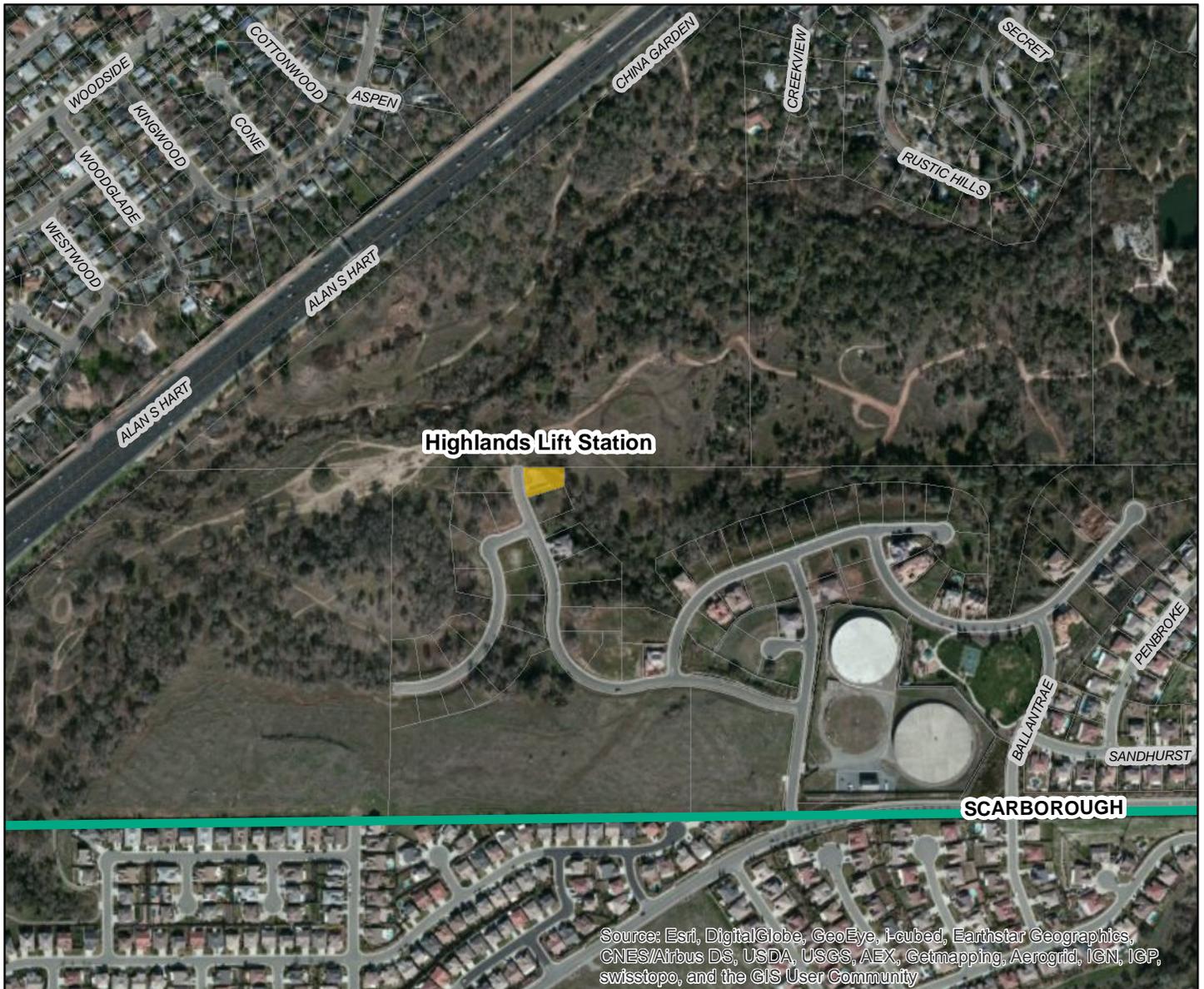
Grantor herein does hereby warrant and guarantee to SOUTH PLACER MUNICIPAL UTILITY DISTRICT that all of the personal property described herein consisting of lift station, sewer pipes, lines, main, manholes, and appurtenances are free and clear of all mechanics liens and encumbrances of any type, nature or description whatsoever.

Dated this March 25, 2015

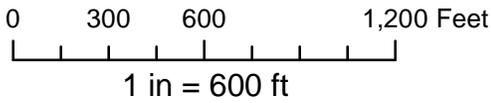
By: ELLIOTT HOMES, INC.



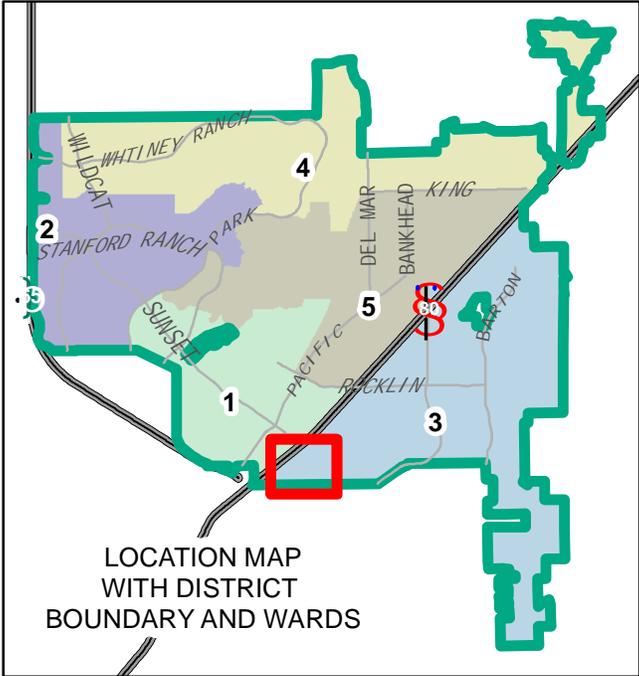
Harry C. Elliott, III, President



Source: Esri, DigitalGlobe, GeoEye, i-cubed, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community



# Highlands Lift Station



## SOUTH PLACER MUNICIPAL UTILITY DISTRICT

### STAFF REPORT

**To:** Board of Directors  
**From:** Sam Rose, Assistant Superintendent  
**Cc:** Herb Niederberger, General Manager  
**Subject:** SPMUD – CASSE Cost-Sharing Agreement  
**Meeting Date:** May 7, 2015

---

#### Overview

The District is a Charter member of the California Alliance for Sanitary Sewer Excellence (CASSE), which was established in September 2011. CASSE membership includes twenty-five sewage collection system agencies throughout California. It was created to develop collection system ‘Best Practices’ and improve the performance of collection systems across California.

As CASSE works towards developing Best Practice projects it is anticipated costs will be incurred for such things as consulting services, administration and publication. A (Draft) agreement has been developed that establishes criteria for an agencies financial participation, which will be proportionate to an agency’s size (miles of pipe). For example, based on current CASSE membership, SPMUD’s proportionate share for a \$50,000 project would be approximately \$2,600. There will be no obligation for any agency to participate in a project, it just establishes the rules if they choose to participate.

The draft agreement has been reviewed by District legal counsel and by the legal counsel of several other CASSE agencies. It is expected a final agreement will be provided soon.

#### Recommendation

Staff recommends that the Board of Directors:

1. Authorize the General Manager to sign the (final) cost-sharing agreement, upon legal counsel approval

#### Strategic Plan Goals

This action is consistent with SPMUD Strategic Plan Goals:

Goal 1.3: Build Business efficiencies

Goal 2.3: Prevent and mitigate Sewer System Overflows (SSO)

Goal 4.1: Eliminate SSO’s using the most efficient and effective methods and procedures for maintenance of sewer main pipes.

#### Fiscal Impact

It is anticipated one or two projects will be active in any given fiscal year. Staff expects costs to be less than \$5,000.

ITEM VI.4

**SACRAMENTO AREA SEWER DISTRICT**

**COST-SHARING REIMBURSEMENT AGREEMENT WITH  
CALIFORNIA ALLIANCE FOR SEWER SYSTEM EXCELLENCE**

THIS AGREEMENT is made and entered into on this \_\_\_\_\_ day of \_\_\_\_\_, 2015 by and between the SACRAMENTO AREA SEWER DISTRICT, a county sanitation district pursuant to and operating under the authority of the County Sanitation District Act, commencing at Health and Safety Code section 4700, hereinafter referred to as "SASD," and the signatory agencies (collectively "AGENCIES", individually "AGENCY") of the CALIFORNIA ALLIANCE FOR SEWER SYSTEM EXCELLENCE (CASSE), a California inter-municipal wastewater collection alliance.

**RECITALS**

WHEREAS, SASD and AGENCIES recognize potential benefits of collaborative efforts on projects of mutual interest, sharing information for the protection of water quality, and improvement of wastewater collection and conveyance system maintenance and operation; and

WHEREAS, SASD desires to lead, facilitate, and administer solicitation, acquisition, and financing efforts for consulting service projects that may benefit all AGENCIES; and

WHEREAS, AGENCIES agree that funding for these efforts should be equitably shared by the AGENCIES choosing to participate on a project ("PARTICIPATING AGENCIES"); and

WHEREAS, SASD and AGENCIES desire to enter into this Agreement on the terms and conditions set forth herein.

NOW, THEREFORE, in consideration of the mutual promises hereinafter set forth, SASD and AGENCIES agree as follows:

**1. PURPOSE**

SASD will provide administrative services on behalf of AGENCIES as described in Exhibit A, which is attached hereto and incorporated herein.

**2. TERM**

This Agreement shall be effective and commence as of the date first written above, and shall renew automatically on an annual basis.

**3. NOTICE**

Any notice, demand, request, consent, or approval that any party hereto may or is required to give the other pursuant to this Agreement shall be in writing and shall be either personally delivered or sent by mail, addressed as follows:

**TO SASD:**

Sacramento Area Sewer District  
8521 Laguna Station Rd.  
Elk Grove, CA 95758  
Attn: Contracts Payment Desk

**TO AGENCIES:**

SEE CONTACT INFORMATION  
FOUND ON SIGNATURE PAGES

Any party may change the address to which subsequent notice and/or other communications can be sent by giving written notice designating a change of address to the other party, which shall be effective upon receipt.

**4. GOVERNING LAWS AND JURISDICTION**

This Agreement shall be deemed to have been executed and to be performed within the State of California and shall be construed and governed by the internal laws of the State of California. Any legal proceedings arising out of or relating to this Agreement shall be brought in Sacramento County, California.

**5. OWNERSHIP OF WORK PRODUCT**

All technical data, evaluations, plans, specifications, reports, documents, or other work products obtained through projects managed pursuant to this Agreement shall be the exclusive property of SASD and each project's respective PARTICIPATING AGENCIES. AGENCIES not participating in a project will have no rights in the development of the project's work product or deliverables. SASD and PARTICIPATING AGENCIES may retain copies thereof for their files and internal use, and may share these copies with other CASSE AGENCIES who did not participate. Publication, by any AGENCY, for monetary gain of any information directly derived from work performed pursuant to this Agreement must first be mutually approved in writing by the project's PARTICIPATING AGENCIES and SASD.

**6. INSURANCE**

Each AGENCY, at its sole cost and expense, shall carry insurance--or self-insure --its activities in connection with this Agreement, and obtain, keep in force, and maintain insurance or equivalent programs of self-insurance for general liability, workers compensation, property, professional liability, and business automobile liability adequate to cover its potential liabilities hereunder. Each party agrees to provide the other thirty (30) days advance written notice of any cancellation, termination, or lapse of any of the insurance or self-insurance coverages. Failure to maintain insurance as required in this Agreement is a material breach of contract and is grounds for termination of the Agreement.

**7. INDEMNIFICATION**

To the fullest extent permitted by law, each of the AGENCIES shall indemnify, defend, and hold harmless each of the other AGENCIES, their respective governing boards, officers, directors, officials, employees, and authorized volunteers and agents from and against any and all claims, demands, actions, losses, liabilities, damages, and all expenses and costs incidental thereto (collectively "Claims"), including cost of defense, settlement, arbitration, and reasonable attorneys' fees resulting from injuries to or death of persons,

including but not limited to employees of either AGENCY hereto, and damage to or destruction of property, or loss of use thereof, including but not limited to the property of any AGENCY hereto, arising out of, pertaining to, or resulting from the alleged or actual acts or omissions of the their respective governing boards, officers, directors, officials, employees, volunteers, agents, or contractors.

It is the intention of the AGENCIES that the provisions of this indemnity be interpreted to impose on each AGENCY responsibility to the other for the acts and omissions of their governing boards, officers, directors, officials, employees, volunteers, agents, or contractors. It is also the intention of the AGENCIES that where comparative fault is determined to have been contributory principles of comparative fault will be followed, and each AGENCY shall bear the proportionate cost of any Claims attributable to the fault of that AGENCY, its governing board, officers, directors, officials, employees, volunteers, agents, or contractors.

This indemnity shall not be limited by the types and amounts of insurance or self-insurance maintained by the AGENCIES.

Nothing in this Indemnity shall be construed to create any duty to, any standard of care with reference to, or any liability or obligation, contractual or otherwise, to any third party.

The provisions of this Indemnity shall survive the expiration or termination of the Agreement.

**8. COST SHARING**

SASD will submit project reimbursement invoices on a quarterly basis and at the end of the project to PARTICIPATING AGENCIES according to the weighted cost sharing formula as described in Exhibit A. PARTICIPATING AGENCIES payments to SASD must be made within 90 days of invoice date.

**9. PROJECT PROPOSALS**

SASD will circulate project proposals to the AGENCIES for review, discussion, and comment. AGENCIES interested in participating in a project will respond timely and comprehensively to project scope development. AGENCIES not interested in participating will indicate such at the earliest opportunity.

**10. AMENDMENT AND WAIVER**

Except as provided herein, no alteration, amendment, variation, or waiver of the terms of this Agreement shall be valid unless made in writing and signed by all parties. Waiver by any party of any default, breach or condition precedent shall not be construed as a waiver of any other default, breach or condition precedent, or any other right hereunder. No interpretation of any provision of this Agreement shall be binding upon SASD unless agreed in writing by the District Engineer and counsel for SASD.

**11. SUCCESSORS**

This Agreement shall bind the successors of SASD and AGENCIES in the same manner as if they were expressly named.

**12. INTERPRETATION**

This Agreement shall be deemed to have been prepared equally by all parties, and the Agreement and its individual provisions shall not be construed or interpreted more favorably for any one party on the basis that another party prepared it.

**13. DISTRICT ENGINEER**

As used in this Agreement, "District Engineer" shall mean the District Engineer of Sacramento Regional County Sanitation District, and Sacramento Area Sewer District, or his designee.

**14. DISPUTES**

In the event of any dispute arising out of or relating to this Agreement, the parties shall attempt, in good faith, to promptly resolve the dispute mutually between themselves. Pending resolution of any such dispute, AGENCIES shall continue without delay to carry out all its responsibilities under this Agreement unless the Agreement is otherwise terminated in accordance with the Termination provisions herein. SASD shall not be required to make payments for any services that are the subject of this dispute resolution process until such dispute has been mutually resolved by the parties. If the dispute cannot be resolved within 15 calendar days of initiating such negotiations or such other time period as may be mutually agreed to by the parties in writing, either party may pursue its available legal and equitable remedies, pursuant to the laws of the State of California. Nothing in this Agreement or provision shall constitute a waiver of any of the government claim filing requirements set forth in Title 1, Division 3.6, of the California Government Code or as otherwise set forth in local, state and federal law.

**15. TERMINATION**

- A. SASD may terminate this Agreement without cause upon thirty (30) days written notice to the other parties. Notice shall be deemed served on the date of mailing. If notice of termination for cause is given by SASD to AGENCIES and it is later determined that AGENCIES were not in default or the default was excusable, then the notice of termination shall be deemed to have been given without cause pursuant to this paragraph (A).
  
- B. SASD may terminate this Agreement for cause immediately upon giving written notice to AGENCIES should AGENCIES materially fail to perform any of the covenants contained in this Agreement in the time and/or manner specified. If notice of termination for cause is given by SASD to AGENCIES and it is later determined that AGENCIES was not in default or the default was excusable, then the notice of termination shall be deemed to have been given without cause pursuant to paragraph (A) above.
  
- C. SASD may terminate or amend this Agreement immediately upon giving written notice to AGENCIES, 1) if advised that funds are not available from external sources for this Agreement or any portion thereof, including if distribution of such funds to SASD is suspended or delayed; 2) if funds for the services and/or programs provided pursuant to this Agreement are not appropriated by the State; 3) if funds in SASD 'S yearly proposed and/or final budget are not appropriated

by SASD for this Agreement or any portion thereof; or 4) if funds that were previously appropriated for this Agreement are reduced, eliminated, and/or re-allocated by SASD as a result of mid-year budget reductions.

- D. If this Agreement is terminated by SASD under paragraph (A) or (C) above SASD shall not incur any expenses under this Agreement after notice of termination and shall cancel any outstanding expenses obligations to a third party that SASD can legally cancel.
- E. If this Agreement is terminated under paragraphs (A) or (C), above, SASD shall be reimbursed for authorized and approved services performed prior to the termination date in accordance with the provisions of the Compensation and Payment of Invoices Limitations provision of this Agreement.
- F. The District Engineer has authority to terminate this Agreement under paragraphs (A), (B), or (C), above.

**16. SEVERABILITY**

If any term or condition of this Agreement or the application thereof to any person(s) or circumstance is held invalid or unenforceable, such invalidity or unenforceability shall not affect other terms, conditions, or applications which can be given effect without the invalid term, condition, or application; to this end the terms and conditions of this Agreement are declared severable.

**17. FORCE MAJEURE**

Neither SASD nor AGENCIES shall be liable or responsible for delays or failures in performance resulting from events beyond the reasonable control of such party and without fault or negligence of such party. Such events shall include but not be limited to acts of God, strikes, lockouts, riots, acts of war, epidemics, acts of government, fire, power failures, nuclear accidents, earthquakes, unusually severe weather, acts of terrorism, or other disasters, whether or not similar to the foregoing, and acts or omissions or failure to cooperate of any party or third parties (except as otherwise specifically provided herein).

**18. SURVIVAL OF TERMS**

All services performed and deliverables provided pursuant to this Agreement are subject to all of the terms, conditions, price discounts and rates set forth herein, notwithstanding the expiration of the initial term of this Agreement or any extension thereof. Further, the terms, conditions and warranties contained in this Agreement that by their sense and context are intended to survive the completion of the performance, cancellation or termination of this Agreement shall so survive.

**19. DUPLICATE COUNTERPARTS**

This Agreement may be executed in duplicate counterparts. The Agreement shall be deemed executed when it has been signed by all AGENCIES. Any CASSE members that desire to opt in as participants to this AGREEMENT may do so in the future by:

- Obtaining concurrence of SASD representative

- Providing SASD a resolution of the AGENCY'S governing body authorizing inclusion to this Agreement
- Signature to this AGREEMENT by an authorized representative of the AGENCY

**20. AUTHORITY TO EXECUTE**

Each person executing this Agreement represents and warrants that he or she is duly authorized and has legal authority to execute and deliver this Agreement for or on behalf of the parties to this Agreement. Each party represents and warrants to the other that the execution and delivery of the Agreement and the performance of such party's obligations hereunder have been duly authorized.

**(SIGNATURE PAGE FOLLOWS)**

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be duly executed as of the day and year first written above.

**SACRAMENTO AREA SEWER DISTRICT**, a county sanitation district pursuant to and operating under the authority of the County Sanitation District Act, commencing at Health and Safety Code section 4700

**AGENCY**, a California municipal wastewater collection agency

By: \_\_\_\_\_  
Prabhakar Somavarapu, District Engineer

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Agreement Approved by the Board of Directors  
with Authority Delegated to the District  
Engineer to execute the Agreement on behalf of  
SASD.

Agenda Date: \_\_\_\_\_

Item Number: \_\_\_\_\_

Resolution No.: \_\_\_\_\_

By: \_\_\_\_\_  
Sarah Britton  
District Counsel

Date: \_\_\_\_\_

Prepared by: \_\_\_\_\_  
Katherine Ferreira, Senior Contract Services Officer  
Internal Services Department  
Sanitation Districts Agency  
Phone: (916) 876-6074

**EXHIBIT A to AGREEMENT**  
**between SACRAMENTO AREA SEWER DISTRICT**  
**and SIGNATORY WASTEWATER COLLECTION AGENCIES (AGENCIES) of the**  
**CALIFORNIA ALLIANCE FOR SEWER SYSTEM EXCELLENCE (CASSE)**

**PROJECT ADMINISTRATION AND COST-SHARING APPROACH**

- A. Initiation
1. Any AGENCY or group of AGENCIES can propose a project.
  2. AGENCIES prepare and submit a description of the proposed project and estimated costs to SASD.
  3. SASD reviews and circulates the project proposal to all AGENCIES for comment.
  4. Once comments to the project proposal are received and reviewed, SASD will assist the proposing AGENCY or group of AGENCIES with finalizing the project proposal and cost estimate.
- B. Approval and Funding
1. CASSE chairperson (CHAIR) will solicit AGENCIES to participate in the proposed project's cost-sharing by sending out the final project proposal and a letter of intent.
  2. All AGENCIES interested in being PARTICIPATING AGENCIES will have ten (10) business days to sign and return the Letter of Intent for project participation. The letter may only be signed by a representative of AGENCY authorized to do so.
  3. CHAIR will issue a final Cost Share Summary Sheet to each AGENCY returning a Letter of Intent indicating each interested AGENCY'S percentage of estimated costs. Funding percentages are based on methodology described in Attachment 1.
  4. Each interested AGENCY has ten (10) business days to sign the final Cost Share Summary Sheet ("Sheet") and return such to SASD. The Sheet may only be signed by a representative of AGENCY authorized to do so for the estimated cost share amount. SASD may request documents supporting the AGENCY representative's authority to commit such funds. The signed sheet commits each participating AGENCY to fund the indicated percentage of the total project costs, including administrative fees paid to SASD of three percent (3%) of the final project costs. Those AGENCIES executing the Cost Share Summary Sheet are known as PARTICIPATING AGENCIES.
  5. The project next moves to the Procurement Phase
- C. Procurement
1. PARTICIPATING AGENCIES assign a team to develop Request for Proposals (RFP). When using an existing contract the team negotiates the scope of work and fee with the consultant, and then the project moves to the Management Phase.

2. SASD releases the RFP once agreed upon by PARTICIPATING AGENCIES. Responses must be in electronic format so they can be reviewed remotely. The PARTICIPATING AGENCY team reviews proposals and selects a winning consultant.
3. PARTICIPATING AGENCIES negotiate a proposed contract with the consultant.
4. SASD secures SASD Board of Directors approval of consultant agreement.
5. The Project next moves to the Management Phase.

**D. Management**

1. SASD will supply the Project Manager, but tasks may be assigned by other PARTICIPATING AGENCIES.
2. Direction to the Consultant will be supplied by the PARTICIPATING AGENCIES.
3. Changes in scope of work, schedule, and cost will be agreed upon by the PARTICIPATING AGENCIES. Decision-making will be done by consensus when possible. If the PARTICIPATING AGENCIES are unable to come to consensus the decision will be made by majority vote.
4. SASD will provide written direction to the Consultant.
5. SASD will pay Consultant invoices as required by the Consultant agreement.
6. SASD will prepare quarterly billing and invoice each PARTICIPATING AGENCY their fair share of project costs to date plus the administrative fee.
7. Upon project completion and receipt of final invoice from Consultant, SASD will prepare final billing and invoice each PARTICIPATING AGENCY any remaining fair share of project costs and the administrative fee.

**E. Cost-sharing Methodology**

1. PARTICIPATING AGENCIES are assigned points as follows:

<b>Size</b>	Micro	Small	Medium	Large	Mega
<b>Miles of Pipe</b>	0-19	20-199	200-999	1,000-2,999	≥ 3,000
<b>Cost share points</b>	1	10	60	200	300

2. The sum of all PARTICIPATING AGENCIES' points is totaled. Each PARTICIPATING AGENCY'S project cost share percentage is calculated by dividing that PARTICIPATING AGENCY'S points by the total number of points for all PARTICIPATING AGENCIES.
3. The same methodology is used to calculate each PARTICIPATING AGENCY'S share of the administrative fee. Please refer to Attachment 1 for an example of the Project Cost Sharing Worksheet.

**SOUTH PLACER MUNICIPAL UTILITY DISTRICT**  
**STAFF REPORT**

To: Board of Directors  
From: Joanna Belanger, Administrative Services Manager  
Cc: Herb Niederberger, General Manager  
Subject: Staggered Utility Billing Cycles Proposal  
Meeting Date: May 7, 2015

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**Recommendation**

Staff is recommending the creation of staggered Utility Billing cycles. In continued efforts to improve upon business practices and efficiencies the goal of this recommendation is to move from one billing cycle to three billing cycles, each cycle billed quarterly.

In the current billing process approximately 25,000 customer bills are generated each quarter. Distributing these bills into three cycles by designated zip codes will prepare for future growth. Revenues will be distributed evenly throughout the year and call volumes which typically spike at the beginning of each billing cycle should also even out.

**Discussion & Information**

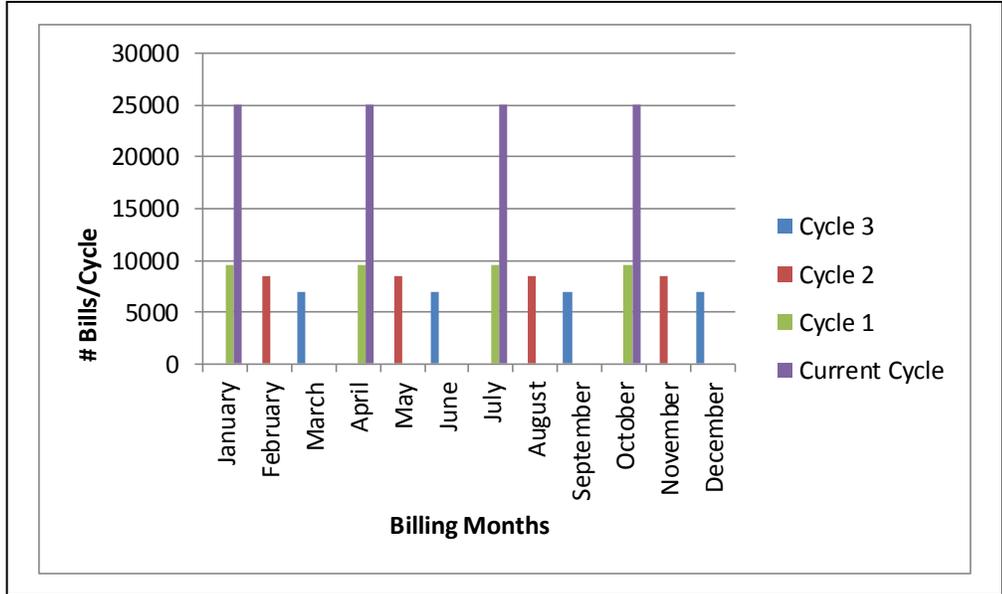
Utility bills are currently sent out to all District customers on a quarterly basis on the following cycle:

<u>Billing Cycle</u>	<u>Billing Dates</u>
January, February, March services:	April 1
April, May, June services:	July 1
July, August, September services:	October 1
October, November, December services:	January 1

Approximately 25,000 utility bills are currently distributed each quarter to the Districts customers. With all customers on one billing cycle, the majority of payments are received during the month of billing. Revenues increase at the beginning of each billing month along with call volumes and customer traffic. Staff is typically able to handle the increased volume of work during these impacted times, however it is often difficult to cover for staff vacations and days off.

Staff proposes three utility billing cycles based upon zip codes within the District. The new structure for billing will change to a cyclic monthly process with approximately 8,500 bills mailed or emailed each cycle. Revenues from utility payments will become more uniformly distributed over each month throughout the year. In addition, we anticipate that call volumes, operational time spent processing payments, mailing and processing costs will be evenly dispersed throughout the year.

**Representation of Current and Proposed Billing Cycles**



**PROPOSED CYCLES**

<b><u>Zip Code</u></b>	<b><u>Billing Cycle</u></b>	<b><u>Billing Dates</u></b>
95677	<b><u>Cycle 1</u></b>	
	January, February, March services	April 1
	April, May, June services	July 1
	July, August, September services	October 1
	October, November, December	January 1
95765	<b><u>Cycle 2</u></b>	
	February, March, April services	May 1
	May, June, July services	August 1
	August, September, October services	November 1
	November, December, January services	February 1
95650, 95746 95663, 95658	<b><u>Cycle 3</u></b>	
	March, April, May services	June 1
	June, July, August services	September 1
	September, October, November services	December 1
	December, January, February services	March 1

**Assignments**

Each Billing Cycle will be assessed for delinquent accounts for the previous calendar year to ascertain accounts that will be processed through the Assignment process.

**Outreach**

The largest group of customers resides within the 95677 zip code area. These customers will remain on Cycle 1, with no change. Outreach materials will be sent as a bill insert to all customers in July. A press release will be sent to the local newspapers and additional notices will be added to the Website and payment site to ensure the shift is as seamless as possible.

The materials will explain the shift for billing and the interim changes necessary to completely implement the new cycles. A calendar will be provided so that our customers will see what their



**SOUTH PLACER MUNICIPAL UTILITY DISTRICT**

**RESOLUTION NO. 15-08**

**IMPLEMENTATION OF STAGGERED UTILITY BILLING CYCLES**

WHEREAS, The South Placer Municipal Utility District (District) wishes to establish three staggered Quarterly Utility Billing Cycles in preparation for future growth and flattening of the billing cycle process to keep staffing levels and costs down; and

WHEREAS, The new structure for billing will change to a cyclic monthly process with approximately 8,500 bills processed each billing cycle, designated by the zip code area residents are located within the District.

NOW, THEREFORE BE IT RESOLVED by the Board of Directors of the South Placer Municipal Utility District that three Utility Billing Cycles are created as follows:

Cycle 1 - 95677;

Cycle 2 - 95765; and

Cycle 3 - 95650, 95746, 95663, 95658

PASSED AND ADOPTED at a Regular Meeting of the South Placer Municipal Utility District Board of Directors at Rocklin, CA this 7<sup>th</sup> day of May 2015.

Signed: \_\_\_\_\_  
John R. Murdock, President of the Board of Directors

Attest: \_\_\_\_\_  
Joanna Belanger, Board Secretary

**SOUTH PLACER MUNICIPAL UTILITY DISTRICT**  
**STAFF REPORT**

**To:** Board of Directors

**From:** Eric Nielsen, District Engineer

**Cc:** Herb Niederberger, General Manager

**Subject:** Adoption of the System Evaluation and Capacity Assurance Plan

**Meeting Date:** May 7, 2015

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**Overview**

Pursuant to California State Water Resources Control Board Order No. 2006-0003-DWQ, the Statewide General Waste Discharge Requirements, the District is required to prepare a System Evaluation and Capacity Assurance Plan (SECAP). The SECAP is required to evaluate hydraulic deficiencies, establish design criteria (e.g., the design storm), establish short-term and long-term capital improvement projects to address deficiencies and plan for future growth. The District SECAP meets these requirements and will serve as a planning document for the District over the next five years until the SECAP will be updated and brought to the Board for recertification.

**Recommendation**

Staff recommends that the Board of Directors adopt Resolution No. 15-09 accepting the System Evaluation and Capacity Assurance Plan dated April 2015 as meeting the requirements of the Statewide General Waste Discharge Requirements for Sanitary Sewer Systems.

**Strategic Plan Goal**

This action is consistent with SPMUD Strategic Plan Goals:

- Goal 2.2: Maintain compliance with pertinent regulations.
- Goal 2.3: Prevent and mitigate Sewer System Overflows (SSOs).
- Goal 3.2.B: Update Master Plan, including System Flow Model.

**Fiscal Impact**

The results of the SECAP will be used to not only correct existing deficiencies but also plan for future growth that may require adjustment of the local portion of the Sewer Participation charge.

Attachments:

1. Resolution 15-09 – Adoption of the District System Evaluation and Capacity Assurance Plan
2. System Evaluation and Capacity Assurance Plan, April 2015

**SOUTH PLACER MUNICIPAL UTILITY DISTRICT**

**RESOLUTION NO. 15-09**

**ADOPTION OF THE DISTRICT SYSTEM EVALUATION AND CAPACITY ASSURANCE PLAN**

WHEREAS, California State Water Resources Control Board Order No. 2006-0003-DWQ, the Statewide General Waste Discharge Requirements for Sanitary Sewer Systems requires the South Placer Municipal Utility District (District) to evaluate hydraulic deficiencies, establish and implement design criteria, establish short-term and long-term capital improvement projects to address system deficiencies, and develop a schedule for the planned projects; and

WHEREAS, the District has evaluated the hydraulic capacity of the collection system under various scenarios to assure capacity for existing customers and to obtain information to prepare for future development.

NOW, THEREFORE BE IT RESOLVED by the Board of Directors of the South Placer Municipal Utility District accepts the System Evaluation and Capacity Assurance Plan dated April 2015 as meeting the requirements of the Statewide General Waste Discharge Requirements for Sanitary Sewer Systems.

PASSED AND ADOPTED at a Regular Meeting of the South Placer Municipal Utility District Board of Directors at Rocklin, CA this 7<sup>th</sup> day of May 2015.

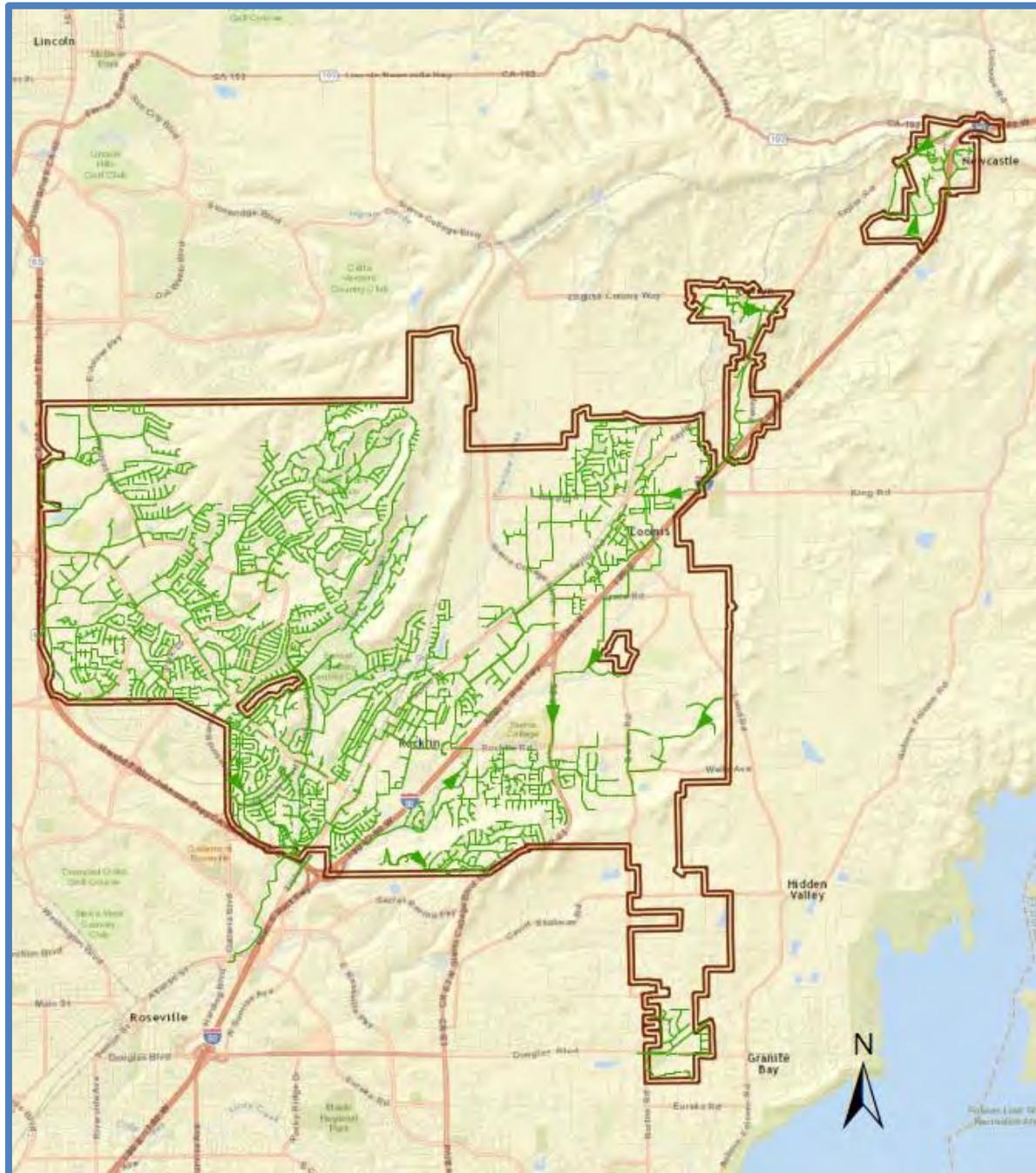
Signed: \_\_\_\_\_  
John R. Murdock, President of the Board of Directors

Attest: \_\_\_\_\_  
Joanna Belanger, Board Secretary



**WATERWORKS**  
ENGINEERS

# SOUTH PLACER MUNICIPAL UTILITY DISTRICT System Evaluation and Capacity Assurance Plan



**April 2015**

Prepared by: Michael Fisher, P.E.





# SOUTH PLACER MUNICIPAL UTILITY DISTRICT System Evaluation and Capacity Assurance Plan

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Date: April 2015

Prepared by: Michael Fisher, P.E.

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## CHAPTER 1: Introduction

### 1.1 Purpose

The purpose of the South Placer Municipal Utility District (SPMUD or District) Wastewater Collection System Evaluation and Capacity Assurance Plan (SECAP) is to provide the District guidance in its efforts to assure capacity for existing customers and information on how to prepare and plan for future development. This document summarizes the District's compliance with provision *D.13.viii – System Evaluation and Capacity Assurance Plan* of the California State Water Resources Control Board (SWRCB) Order No. 2006-0003-DWQ, the Statewide General Waste Discharge Requirements for Sanitary Sewer Systems (SSS WDR). It is included by reference to the District's Sewer System Management Plan (SSMP); is reviewed annually; and is updated as deemed necessary by District staff (at minimum every five years) to account for conditions affecting collection system capacity. The evaluation summarized herein utilized previous District master planning efforts as its foundation, but the results stand alone as the District's current SECAP and 5-year planning document related to capacity.

Previous master planning efforts (2009) recommended and prioritized the collection of additional flow monitoring data to refine and confirm the results of the hydraulic model simulations. The District complied with this recommendation and collected additional flow monitoring and rainfall data with permanent flow-monitoring sites. That data was used in the modeling efforts of this SECAP to revisit and refine the results and recommendations for existing and future improvements. This SECAP serves as a replacement to the master plan prepared for the District in 2009.

The specific objectives of this SECAP include:

- Comply with requirements of the California State Water Resources Control Board Order No. 2006-0003-DWQ, the Statewide General Waste Discharge Requirements for Sanitary Sewer Systems (SSS WDR) and the District's SSMP to evaluate hydraulic deficiencies, establish and implement design criteria (i.e., design storm), establish short-term and long-term capital improvement projects to address system deficiencies, and develop a schedule of completion dates for the planned capital improvements projects.
- Evaluate the capacity of the collection system under various scenarios (i.e., existing dry weather, existing wet weather, near-term wet weather, and long-term wet weather conditions) to identify capacity deficiencies and assign capital improvements projects for each scenario.
- Utilize the results of this SECAP to identify, quantify and prioritize the recommended capital improvements and the associated impacts on participation charges.

This SECAP provides the District with updated information on the existing and future hydraulic capacity of the collection system and serves as a replacement of previous master planning efforts. However, it should be noted that the foundation of this SECAP includes some reference to those previous evaluations and as such the District reserves the right to reference that data for clarity as deemed necessary by staff. The following chapters of the SECAP describe the assumptions used; the process of model development; the model simulation results; and the proposed capital improvement projects, costs and priority.



## CHAPTER 2: Project Overview

### 2.1 Project Boundary

South Placer Municipal Utility District serves the communities of Rocklin, Loomis, Penryn, Newcastle, and portions of Granite Bay and unincorporated Placer County. The District owns, operates, and maintains a collection system, which consists of approximately 250 miles of mainline pipe (ranging from 4-inch to 42-inches in diameter), over 5000 manholes, thirteen lift stations, and ten permanent flow monitoring stations. Figure 1 in Appendix A shows a map of the District service area as well as the area evaluated with the hydraulic model as part of the SECAP. The SECAP area coincides with the study area identified in the South Placer Municipal Utility District Wastewater Collection System Master Plan (2009) and the District's urban growth area (UGA) identified in the South Placer Regional Wastewater and Recycled Water Systems Evaluation Updated Final Report (2009), which evaluated the combined systems of the regional partners discharging to the two regional wastewater treatment plants. It is important to note that the areas evaluated are the same, since one of the objectives of the SECAP is to build off of those previous planning studies to maintain consistency of analysis but replace the results with updated model simulation results.

Figure 1 also shows the areas that were not included in the SECAP and thus were not evaluated with the hydraulic model. The Rodgersdale community was not included in the hydraulic model for the same reasons it was not evaluated in the 2009 master plan (i.e., the entire community is built out with no room for future development and according to District records, there are no existing capacity related issues). Additionally, the District sphere of influence (SOI), which represents the full extent of the District's potential service range, was not included in the hydraulic model. This is consistent with the foundational assumptions related to growth potential made in the previous hydraulic evaluations (i.e. the extension of the collection system into this area is not likely based on current planning projections, even under long-term scenarios.)

### 2.2 Hydraulic Modeling Software

The capacity of the District wastewater collection system was analyzed using Innovyze's InfoSewer software program. InfoSewer is an ArcGIS-based computer program with extensive hydraulic computational capabilities. The District purchased the InfoSewer software and license so that future analyses could be conducted by District staff as additional data is collected and additional inquiries arise due to future development. The InfoSewer product provided scenario management so that multiple scenarios (i.e., existing, near-term, long-term, dry weather, wet-weather, various improvements) can be tracked and compared, one against the other.

### 2.3 Flow Monitoring

As mentioned previously in the SECAP, the District complied with the recommendation of the 2009 master plan to collect additional flow monitoring data to refine the results of the 2009 model simulations. Additional permanent flow monitors were installed in the collection system to collect this data. The ten permanent flow monitors in the system collect and store data in fifteen-minute intervals. The additional permanent flow monitors were brought online in 2010, and by 2011, consistent flow monitoring data was being collected from these sites. Flow records from the entire year of 2011 were used in the SECAP to calibrate the volume of flow entering each basin within the system.



## 2.4 Design Storm

In addition to the permanent flow monitors described above, the District has installed and currently maintains rain gauges throughout the system. The rain gauges collect data regarding the amount of precipitation in fifteen-minute intervals on a continuous basis. Rainfall data from the entire year of 2011 was used in the SECAP to define the rate of inflow and infiltration into the collection system from a storm event.

The 10-year, 6-hour storm event was established as the “design storm” for the District during the development of the 2009 master plan, and it remains an applicable capacity assurance evaluation criteria for engineering analysis and is an industry accepted value. The same “design storm” was used in this SECAP.

The design storm for the study’s model simulations was developed using the EPA's Sanitary Sewer Overflow Analysis and Planning (SSOAP) Toolbox. The SSOAP Toolbox is a suite of computer software tools that allows one to utilize collected data for both sewer flows and rainfall to predict rainfall-dependent inflow and infiltration (RDI/I). RDI/I was defined by using the RTK method to generate synthetic unit hydrographs for each basin within the collection system. The unit hydrographs are used to develop the design storm hydrographs. A 10-yr, 6-hr storm did not occur during the monitoring period of 2011, so the observed data was used to identify the parameters that define the unit hydrograph for each basin. The 10-yr, 6-hr storm event for the Rocklin area as defined by the National Oceanic and Atmospheric Administration (NOAA) Atlas 14, Volume 6, Version 2 data was applied to the synthetic unit hydrographs to produce the RDI/I hydrographs for each basin.

Since a 10-yr, 6-hr storm was not observed during the monitoring period, the wet weather flows could not be calibrated at this time. This is not atypical in modeling efforts, but using the method described above increases the probability that the modeled flows represent the flows in the system during the design storm. The District continues to collect flow monitoring data from its permanent flow meters, as well as targeted portable temporary metering efforts where deemed appropriate by District staff. This data will be utilized as part of future updates to the SECAP to continue to refine and calibrate the wet weather model results.

## 2.5 Scenario Development

One of the study’s objectives was to investigate the collection system’s capacity under varying conditions, and to propose potential improvements to address capacity-related deficiencies. To meet this objective, the study examined the hydraulic capacity of the system under four conditions.

1. Existing;
2. Near-term development;
3. Long-term development lower bound; and
4. Long-term development (ultimate build-out) conditions.

The model also investigated the impact of rain events (i.e., RDI/I) by simulating each temporal variation in the model (i.e., existing, near-term, long-term) under dry weather conditions and during the design storm event described in section 2.4. Table 1 provides the naming convention of the various scenarios used in the model and a description of what is included in each scenario.



**Table 1. Summary of Model Scenarios**

Scenario	Dry	Wet	CIP	Description
Existing	1A	1B	1CIP	Current collection system infrastructure (including Newcastle and Upper Antelope East Trunk Sewer). Current EDUs as defined in District records.
Near-Term	2A	2B	2CIP	Collection system after required improvements to existing system and proposed mitigation (Sierra College Lift Station and Boyington Diversion). Addition of EDUs from near-term development as defined in city/town/community general plans.
Long-Term (Lower Bound)	5A	5B	5CIP	Collection system after required improvements for near-term development. Addition of EDUs from undeveloped parcels, developed parcels currently on septic within the UGA, and no densification of those parcels.
Long-Term (Upper Bound)	3A	3B	3CIP	Collection system after required improvements for near-term development. Addition of EDUs from parcels within the UGA, assuming maximum allowable densification.

For the purposes of District UBO planning efforts, the Long-Term Lower Bound scenario best represents the current potential for growth within the UGA. As part of the District’s periodic SECAP updates, this assumption will be evaluated and modifications made as necessary to match growth planning data available at such time.

## 2.6 Capacity Analysis

For purposes of the SECAP, capacity-deficient pipes are defined as those having less than three feet of freeboard (i.e., three feet from the hydraulic grade line to the rim elevation of the manhole). A freeboard of zero feet indicates that a sanitary sewer overflow occurs. Once a pipe segment begins to surcharge, the addition of even small amounts of flow can make dramatic changes to the level of surcharging in manholes. However, surcharging in manholes typically only occurs for short durations, during design storm events (i.e., 10-year, 6-hour rainfalls). This criterion is used so that small amounts of surcharging is allowable during the design storm scenario.

## CHAPTER 3: Model Development

Model development is generally separated into two main phases. The first phase involves defining the physical attributes (i.e., pipe and manhole diameters, lengths, roughness coefficients, invert elevations, rim elevations) of the collection system. The second phase involves defining the amount and location of flows entering the system. This chapter describes the process employed to develop the model simulations used for this SECAP.

Model results were obtained using extended period simulations over a three day (72-hour) period. This method was selected so that the variation in flow and the impact on the system’s capacity could be assessed during the design storm event and in the days that follow.



## 3.1 Physical Geometry

The hydraulic model represents the actual collection system with a combination of features which include pipe, manholes, wet wells, pumps, and force mains. The location and attribute information for these model features was supplied by the District in the form of GIS files, both from the District's master GIS database and files used in the 2009 master plan. This information was used to create the modeled collection to which flows would be applied to assess the system's capacity.

Proposed future pipe segments were added to the model under near-term and long-term scenarios to assess the capacity of those segments to serve future connections. Where upsizing of existing facilities was needed then a matching or similar alignment was proposed. However, for potential growth areas where there is limited or no existing infrastructure, the GIS tools available through the ArcGIS extension "3D Analyst" were employed to investigate the topography in areas to determine if parcels could be served by gravity and where appropriate future trunk pipelines (size and rough alignment) were added to the model. It should be noted that these assumptions were not based on survey-grade information, and may require alterations during final design to account for more accurate information. In addition, only potential trunk sewers were included in the model, "local sewers" will be designed and built to connect to these facilities in their final location.

## 3.2 Hydraulic Loading

The flows modeled in the SECAP were generated at the parcel-level and applied to the collection system. Flows were modeled in this way so that unit generation rates could be applied based on customer type, land use designations, and parcel size. This method was also selected because it provides a method for documenting assumed unit generation rates for future modeling efforts and back-checking of model simulation results. This section describes the methods used to assign flow volumes from individual units/parcels for the various scenarios.

### 3.2.1 Unit Generation Factors

The District applies a number of equivalent dwelling units (EDUs) to its customers as they connect to the collection system in accordance with the current District Ordinance. An EDU is a unit of measure that standardizes all land use types and represents a unit of flow (gallons per day), at a certain wastewater strength, from a single family residential unit. As an example how this could be applied to other types of land uses, a small business designed to discharge three times as much water as an average single-detached dwelling would be assigned three EDUs. The number of EDUs for each customer was supplied by the District and used to calculate flows from each parcel into the collection system. To maintain a foundational capacity evaluation criteria consistent with previous planning studies, **190 gpd/EDU** was applied as the unit generation factor throughout all model simulations.

#### Existing Development

The parcels connected to the existing collection system and the usage type of each parcel were identified using District records. Three main categories for usage type were applied in the model (i.e., residential, commercial, and school). Diurnal patterns were developed for each of the usage types and applied to the flows generated from each parcel.



Model results from the existing dry weather simulation were used to compare against the recorded flow monitoring data to calibrate the model. This is a crucial step to assure that the model results accurately reflect the amount of flow observed in the system. The assumed flowrate per EDU used in the model matched well with the dry weather flows recorded by the flow monitors.

### Near-Term Development

Parcels that are anticipated to be developed in the near-term were identified and assigned EDUs. The basis for identifying Near-Term Developments was the foundational research developed and presented in the 2009 master plan. The following sources for future land use were identified in the 2009 master plan and these remain applicable for the SECAP.

- City of Rocklin Draft General Plan Update (Quad Knopf, Inc., March 2005)
- Town of Loomis General Plan (Crawford Multari & Clark Associates, July 2001)
- Placer County General Plan (Placer County, August 1994)
- Horseshoe Bar / Penryn Community Plan (August 1994)
- Granite Bay Community Plan (May 1989)

The rate of development since the 2009 master plan has slowed dramatically due to the economic downturn that is generally agreed to have really hit the development community in late 2008. Most of the near-term developments that were identified in the 2009 master plan were anticipated to be in service by the year 2020, yet much of this development has yet to be constructed and only recently started to have potential to move forward out of planning and into construction. For this reason, the near-term developments from the 2009 master plan were carried forward into this near-term scenarios for the SECAP (i.e. by the year 2030). The assigned near-term EDUs were used to calculate the hydraulic loading of the system for near-term scenarios.

### Long-Term Development (UBO)

The long-term hydraulic loading of the model was completed by including all of the developable parcels within the Urban Growth Area (UGA). This scenario models all parcels as contributing to the collection system and thus represents the ultimate build out (UBO) of the UGA. The general plans referenced above, along with Placer County zoning information were used to determine the use and assumed hydraulic loading of long-term developments. Additionally, the general plan for downtown Rocklin identifies a densification of the area during future development. The densification resulted in an increase in the number of EDUs in the area and thus an increase in the calculated hydraulic loading to the system.

Many of the parcels designated as connecting to the collection system under the long-term (UBO) scenario are located in rural areas of the UGA. Many of the parcels currently contain residences that have individual septic systems and are located on large areas of land. Because of the lack of detailed data about potential for densification of these parcels (to a level consistent with the currently approved general planning documents) as part of future development plans, it is difficult to definitively determine the eventual loading onto the system. To investigate the potential range of flows entering the collection system under the long-term (UBO) conditions, two scenarios were developed to investigate the upper and lower bound of anticipated Long-Term hydraulic loadings.



The **Long-Term Lower Bound** assumed that parcels that currently contain residences or businesses will not develop (e.g., subdivide) in the future. Those residences/businesses will abandon their individual septic systems and connect to the District collection system when the District expands service into those areas. Currently vacant or undeveloped parcels were assumed to develop according to the Placer County zoning requirements regarding minimum parcel size to determine the future hydraulic loading. For the purposes of quantifying future improvement costs, the lower bound scenario best represents the current potential for growth within the UGA. As part of the District’s periodic SECAP updates, this assumption will be evaluated and modifications made as necessary to match growth planning data available at such time.

The **Long-Term Upper Bound** assumed that all parcels not currently served by the District’s collection system will subdivide and/or develop according to the Placer County zoning requirements for minimum parcel size. This scenario may be unrealistic since many parcels that currently have residences will never subdivide. However, this upper bound represents the theoretical maximum hydraulic loading on the collection system within the UGA. The results from this upper bound scenario were not used as a basis for determining future improvement costs.

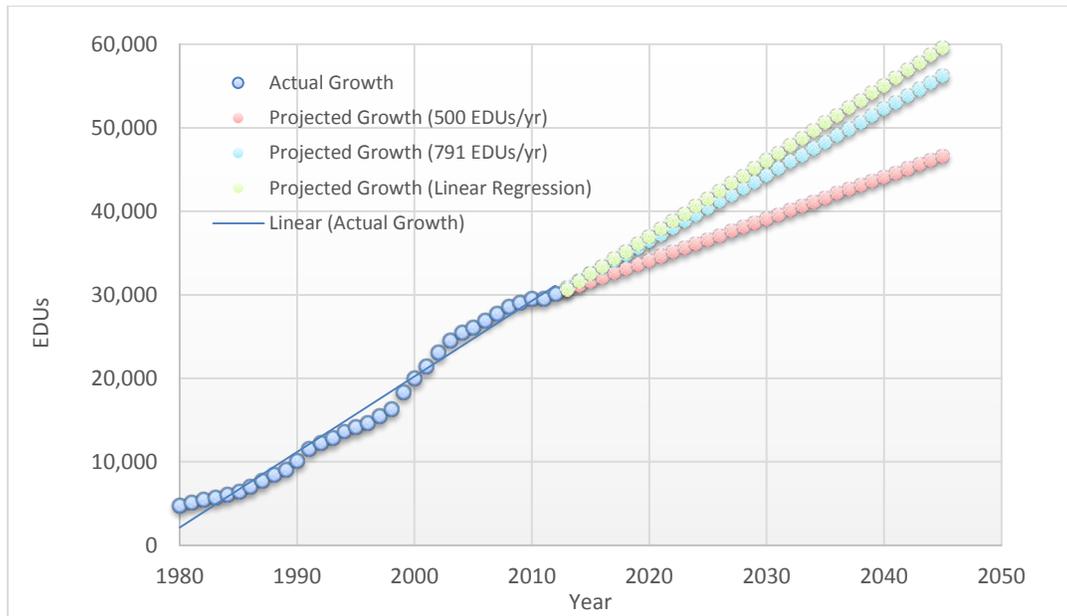
The results of the Long-Term upper bound scenario were retained as a source for comparison against the lower bound results. For example, the required upsize in pipe diameter to accommodate the upper bound flow may only be one pipe size larger than the required upsize to accommodate the lower bound flow. Construction of the larger diameter pipe may add only a small amount to the project cost while providing the capacity for the ultimate potential development. The District retains the right to require the larger of the two pipe sizes be built based on growth and development data available at the time the individual projects are submitted and approved.

The total EDUs for each scenario and their associated average dry weather flow are show in Table 3.

**Table 2. Summary EDUs and ADWF by Modeled Growth Scenario**

Sewer Trunk	Total EDUs	Additional EDUs from Previous	Total ADWF EDU x 190GPD/EDU (MGD)
Existing (2014)	30696		5.8
Near Term (2030)	39954	9259	7.6
Long-Term, Lower Bound (2060)	49285	9331	9.4
Long-Term, Upper Bound	57620	8335	10.9

A linear regression of the District’s past growth shows that the District has grown at an overall rate of 905 EDUs per year. The average rate of growth over the District’s history is approximately 791 EDUs per year. Figure 1 shows the projected number of EDUs within the District over time if growth continues at these rates. However, the growth of the District over the past five years has slowed and averaged less than 400 new EDUs per year. While this slowdown in development may not be typical of future growth, it is anticipated that the rate of growth within the District will slow as the areas within the District reach build out. A number less than the historic average was selected to conservatively identify the appropriate amount for local participation charges to fund the needed capital improvements identified in the SECAP.



**Figure 1. SPMUD Equivalent Dwelling Unit (EDU) Projections**

### 3.2.2 Allocation of Generated Flows

The InfoSewer software applies loads to the model using the manhole features. The hydraulic loads generated at each parcel, as described in section 3.2.1, were individually allocated to specific manholes within the system. This was accomplished by assigning a connecting manhole to each parcel within the limits of the UGA. The InfoSewer Load Allocator extension automates the process of summing the hydraulic loads from various parcels and assigning the loads to the designated manholes. Additionally, the Load Allocator extension sums each type of hydraulic load (i.e., residential, commercial, school) separately, so that the appropriate diurnal curve can be applied to the matching hydraulic load type.

Assigning hydraulic loads to each parcel and assigning each parcel to a manhole in the model of the system more closely represents reality with the model simulations and thus improves the reliability of the results. Additionally, it documented the process used to develop model simulations and allows for current and future users of the modeling software to more easily examine and retrace the assumptions made to produce the model results.

### 3.2.3 Rainfall Dependent Inflow/Infiltration

Rainfall dependent inflow and infiltration (RDI/I) is the increased portion of water flow in a sanitary sewer system that occurs during and after a rainfall event. RDI/I can represent a significant portion of the collection system's capacity to convey wastewater. This section describes the process used during the SECAP to quantify the amount of RDI/I entering the District's collection system, and the method used to represent the level of RDI/I in the model simulations.

The data collected by the District's flow monitoring stations and rain gauge station were used to quantify the amount of RDI/I entering the system from each sewer basin. The quantity and timing of RDI/I entering the



collection system in response to the design storm was developed using the EPA's Sanitary Sewer Overflow Analysis and Planning (SSOAP) Toolbox. Utilizing this method allowed the model to more accurately represent the response of each basin to the design storm based on observed data. RDI/I was applied to the existing conditions model simulations using this method.

Because historic flow monitoring data can do little to predict the response of future collection system components (e.g., pipes, manholes), a general RDI/I value was applied to future portions of the collection system modeled in the near-term and long-term scenarios. A value of 600 gpd/ac was applied to the hydraulic load from parcels connecting to the system under these future scenarios. This value is representative of the RDI/I values observed in the newer portions of the District's existing collection system after the SSOAP Toolbox analysis. Certain portions of the existing system exhibited lower values of RDI/I than 600 gpd/ac entering the system, but this number was selected as a conservative, yet realistic number to represent RDI/I entering the system from new development.

## CHAPTER 4: Capacity Analysis Results

### 4.1 Existing Capacity

Under existing dry weather conditions, the model simulation showed that the pipes in the collection system, with a few exceptions, flow less than 50% full during the period of peak flow. Pipe segments along the Lower Loomis Trunk (Pipe M12-38 to Pipe L11-18) range between 50% full and 65% full during peak flow. Two pipe segments (H9-1 and I10-48) have slopes of 0.05% and 0.02% respectively. Due to the shallow slopes of these pipes, they have limited hydraulic capacity. No surcharging of manholes or sanitary sewer overflows occur under the existing dry weather scenario.

Figure 2 in Appendix A shows the results of the capacity assurance analysis under existing dry weather conditions. This figure also displays the modeled flow rate from the various basins within the model simulation.

Under existing wet weather conditions, the model simulation showed that pipe segments in the Loomis, Secret Ravine, Antelope Creek, and Five Star basins are more than 70% full during peak flow. The model simulation shows five SSOs under the existing wet weather scenario.

Figure 3 in Appendix A shows the results of the capacity assurance analysis under existing wet weather conditions. The figure also shows the manholes with modeled SSOs and the simulated peak flows through various segments of the collection system.

### 4.2 Near-Term Capacity

Under near-term wet weather conditions, the model simulation showed that three portions of the collection system exceed the allowable level of surcharging defined in this SECAP (i.e., less than three feet of freeboard). Two areas (i.e., the Clover Valley Trunk and the Foothill Trunk) experienced SSOs in the model simulation. The Lower Clover Valley Trunk had a number of manholes which surcharge to within a foot of the manhole rim elevations, exceeding the allowable level. As such, this sewer trunk was identified as capacity-deficient under the near-term scenario.



Figure 5 in Appendix A shows the results of the capacity assurance analysis under near-term wet weather conditions and identifies the capacity deficiencies described above. The figure also shows the manholes with modeled SSOs and the simulated peak flows through various segments of the collection system. Figure 5 includes proposed improvements to the system required to serve as mitigation for existing system and near-term development scenario improvements (i.e. Lower Loomis Trunk Diversion Line A&B and Boyington Diversion, which are discussed in further detail in section 5.3)

### 4.3 Long-Term Capacity

Two long-term wet weather scenarios were modeled as described in sections 2.5 and 3.2.1. Under the long-term lower bound wet weather scenario, the model simulation showed the trunk sewers in the Loomis and Secret Ravine basins are overwhelmed and multiple SSOs occurred in the model. These basins have a significant amount of additional area that connects to the collection system under the long-term conditions. The sewer interceptors in these basins are some of the oldest in the District and were not originally designed to convey ultimate build out flows. Conversely, the model simulation showed that the Pleasant Grove basin (i.e., west Rocklin) has no pipe segments with capacity deficiencies. A portion of the Lower Clover Valley Trunk in the Antelope Creek basin experiences SSOs in the model simulation. The remainder of the Antelope Creek basin and the Five-Star Basin did not show capacity deficiencies under this scenario.

Figure 7 in Appendix A shows the results of the capacity assurance analysis under the long-term, lower bound, wet weather conditions and identifies the capacity deficiencies described above. The figure also shows the proposed alignments of future trunk lines needed to collect and convey ultimate build out flows.

The results of the long-term, upper bound, wet weather scenario are similar to the lower bound scenario with multiple SSOs occurring in the Loomis and Secret Ravine basins and along a portion of the Lower Clover Valley Trunk. Figure 9 in Appendix A shows the results of the capacity assurance analysis under the long-term, upper bound, wet weather conditions and identifies the resulting capacity deficiencies.

## CHAPTER 5: Capital Improvement Projects

The capacity analysis results were reviewed and improvements identified to address deficiencies associated with each scenario. Each scenario was then modeled again with the proposed improvements to confirm general sizing, slope and alignment required to eliminate the identified deficiencies. Capital Improvement Projects (CIPs) were established and prioritized to develop a schedule of completion for the planned capital improvements projects. The schedule for planning, design and construction of the identified improvements shall be based on the District's analysis of risk of failure, actual pace of development, and location. CIPs relieving existing system deficiencies are the highest priority improvements, while CIPs related to future development shall be addressed by the District in coordination with submitted, approved, and constructed developments. The District utilizes the results of this SECAP to identify, quantify and prioritize the recommended CIPs and the associated impacts on services charges to existing customers to rectify existing capacity deficiencies and participation charges to build capacity to serve future developments. This Chapter summarizes the CIP costs and prioritization.



## 5.1 Project Cost Assumptions

The identified CIPs are consistent with much of the foundational sizing, slope and alignment that was identified in previous planning studies. For all proposed improvements, the capital cost estimates were built off of previous estimates but updated to current construction costs. As such, a value of \$20 per inch/diameter-foot was used to estimate construction costs for the proposed improvements (2014 Dollars with an ENR 20 Cities Construction Cost Index of 9664). Additionally, a 30% planning contingency was applied to the construction costs and an additional 10% was used to account for the engineering design and administration costs. These values are consistent with percentages used to quantify costs in foundational planning work. All costs are rounded to the nearest \$10,000. These planning costs are used to define the District’s short-term (5-year) and long-term financial liabilities related to capacity improvements. The District intends to maintain this method of generating project costs so that the potential impact on charges levied by the District can be evaluated by comparing the periodic SECAP updates and refining services and participation charges to fund CIPs associated with existing customers and future development customers.

## 5.2 Existing CIPs

To address the existing wet weather capacity deficiencies described in section 4.1, a section of the existing 10-inch diameter Lower Loomis Trunk must be upsized to 12-inches in diameter. The cost estimate for this is described below in Table 3.

**Table 3. Summary of Existing System Improvements**

Sewer Trunk	Existing Diameter(s)	Proposed Diameter(s)	Length (LF)	Cost (\$)
Lower Loomis	10"	12"	3150	760,000
Contingency (30%)				230,000
Subtotal – Construction Costs				990,000
Design/Administration (10%)				100,000
<b>Total Capital Costs</b>				<b>1,090,000</b>

Figure 4 in Appendix A shows the extent of the required improvements and the result those improvements have on the capacity of the system after they have been implemented.

The improvements to the Lower Loomis Trunk would be funded by existing users since the deficiency in capacity is due solely to existing use. However, these improvements and the associated cost could be eliminated by constructing the mitigation improvements described below in section 5.3. These mitigation improvements will divert a portion of the flow through the Lower Loomis Trunk, eliminating the required improvements to the Lower Loomis Trunk. Foregoing improvements to the Lower Loomis Trunk would represent a risk to the District for SSOs and the associated potential regulatory enforcement. It should be noted that this risk is similar to that which the District has been operating along that stretch of truck sewer since 2009 and no spills have occurred along that line (due to capacity or any cause) since the implementation of the SSS-WDR. Accepting this risk would allow the District to apply the funds allotted to the Lower Loomis Trunk improvement project to the mitigation improvement



projects, which would provide a more robust long-term solution and be more cost effective for existing and future customers. This SECAP and all of the foundational planning studies identified the Loomis Diversion Line as the preferred system improvement to provide capacity for the Loomis Basin service areas and SPMUD has always assumed this line would be constructed as development necessitated in these areas.

### 5.3 Mitigation CIPs

Growth potential in the Loomis Basin is included in near-term scenario. Some of the CIPs required to serve this growth also provide relief of the existing condition capacity deficiencies. To take advantage of the cost efficiencies associated with accelerating the construction of these projects to mitigate existing capacity deficiencies as well as provide service for the proposed development, the District has planned a number of projects to mitigate the capacity deficiencies for existing and future users in the trunk sewers through the Loomis basin. The Sierra College Lift Station was one of the mitigation projects identified in previous planning studies and was completed in 2013. Table 4 contains a list of the remaining projected mitigation projects and their associated costs. This SECAP assumed that these mitigation improvement projects would be constructed to convey flows from near-term and long-term development, in lieu of constructing the identified existing condition CIPs. The mitigation improvement projects are displayed in all of the near-term and long-term figures in Appendix A.

**Table 4. Summary of Mitigation Infrastructure**

Sewer Trunk	Existing Diameter(s)	Proposed Diameter(s)	Length (LF)	Cost (\$)
Boyington Diversion	-	12"	3480	840,000
Lower Loomis Div. A	-	15"	4710	1,420,000
Lower Loomis Div. B	-	18"	5320	1,920,000
Contingency (30%)				1,260,000
Subtotal – Construction Costs				5,440,000
Design/Administration (10%)				550,000
<b>Total Capital Costs</b>				<b>5,990,000</b>

### 5.4 Near-Term CIPs

The improvement projects listed in Table 5 were developed to address the near-term wet weather capacity deficiencies described in section 4.2.



**Table 5. Summary of Near-Term System Improvements**

Sewer Trunk	Existing Diameter(s)	Proposed Diameter(s)	Length (LF)	Cost (\$)
Clover Valley A	8"	15"	6250	1,880,000
Clover Valley B	10"	18"	3260	1,180,000
Foothill	12"	24"	2275	1,100,000
Lower Clover Valley	18"	24"	3115	1,500,000
Contingency (30%)				1,700,000
Subtotal – Construction Costs				7,360,000
Design/Administration (10%)				740,000
<b>Total Capital Costs</b>				<b>8,100,000</b>

Figure 6 in Appendix A shows the extent of the required improvements and the result those improvements have on the capacity of the system after they have been implemented. The flow from the proposed developments in the upper reaches of the Antelope Creek basin (i.e., Clover Valley Lakes and The Summit developments) would overwhelm the existing sewer trunks. Improvements to the Clover Valley and Lower Clover Valley would be necessary to support these developments. Additionally, the portion of the Foothill Trunk with minimal slopes (i.e., pipe segment I10-005 to pipe segment I10-028) would need to be replaced to provide the needed capacity for near-term development.

Appendix B contains profiles of the sewer trunks listed in Table 5 that show the hydraulic grade line during peak flow under near-term wet weather conditions, before and after the proposed improvements are implemented.

### 5.5 Long-Term CIPs

As described above, two scenarios were modeled to represent possible long-term conditions. One scenario represented the lower bound, long-term condition which assumes that existing residences and businesses within the UGA, not currently connected to the collection system, will connect once service is available, and undeveloped parcels will develop according to the documented general plans and current county zoning. The upper bound, long-term scenario assumes that all parcels not currently connected to the collection system will develop (e.g., subdivide) according to current county zoning. For the purposes of District UBO planning efforts, the lower bound scenario best represents the current potential for growth within the UGA. As part of the District’s periodic SECAP updates, this assumption will be evaluated and modifications made as necessary to match growth planning data available at such time.

In addition, the results of both scenarios indicate the need for significant, yet similar improvements to the collection system, only the costs of the improvements to address the lower bound, long-term scenario will be considered. Table 6 contains the list of proposed improvements to provide sufficient capacity for long-term development.



**Table 6. Summary of Long-Term Lower Bound System Improvements**

Sewer Trunk	Existing Diameter(s)	Proposed Diameter(s)	Length (LF)	Cost (\$)
Upper Antelope Creek East	8"	10"	1980	400,000
Bankhead	8"-12"	15"	9575	2,880,000
Fiberboard A	15"	18"	6260	2,260,000
Fiberboard B	18"	21"	6735	2,830,000
Lower Clover Valley A	18"	24"	3730	1,800,000
Lower Clover Valley B	24"	27"	3115	1,690,000
Lower Loomis Diversion	15"-18"	21"	11,945	5,020,000
Sierra College	15"	18"	2400	870,000
Foothill A	10"	12"	5300	1,280,000
Foothill B	15"	24"	2720	1,310,000
Lower Secret Ravine A	24"	30"	4680	2,810,000
Lower Secret Ravine B	24"-27"	36"	4000	2,880,000
Woodside A	24"	30"	1165	700,000
Woodside B	27"-30"	36"	1150	830,000
Contingency (30%)				8,270,000
Subtotal – Construction Costs				35,830,000
Design/Administration (10%)				3,590,000
<b>Total Capital Costs</b>				<b>39,420,000</b>

Figure 8 in Appendix A shows the extent of the required improvements to address deficiencies for the lower bound conditions of the long-term scenario and the result those improvements have on the capacity of the system after they have been implemented.

Figure 10 in Appendix A shows the extent of the required improvements to address deficiencies for the upper bound conditions of the long-term scenario and the result those improvements have on the capacity of the system after they have been implemented.

## 5.6 New Sewer Trunks and Associated Improvements

Proposed new sewer trunks will need to be constructed to convey flow from future development. The alignments, sizes, and lengths of new sewer trunks were based on foundational data from the District’s 2009 and 1986 master plans, which remained generally consistent with the SECAP current planning effort. In addition, as part of the District’s recently completed Loomis Diversion Route Study (2014), future trunk lines to serve potential development east of Secret Ravine tributary to the Loomis Diversion line were identified. As part of that analysis it was determined that the majority of those trunk lines will flow by gravity to the Loomis Diversion line, but to serve potential future growth east of Secret Ravine within the Brace Road sewer shed will require a pump station to lift flow into the future Loomis Diversion line. As such, these improvements were added to those identified in previous planning studies. Alignments were developed and/or reviewed and updated as generally described in 3.1. Table 7 lists the costs for these new trunk sewers and associated improvements.



**Table 7. Summary of New Sewer Trunks**

Sewer Trunk <sup>(1)</sup>	Proposed Diameter(s)	Length (LF)	Cost (\$)
Upper Clover Valley A	8"	8130	1,310,000
Upper Clover Valley B	10"	7040	1,410,000
Upper Antelope Creek East <sup>(1)</sup>	8"	1800	290,000
Upper Antelope Creek West	8"	7850	1,260,000
Upper Antelope Creek Middle A	8"	7900	1,270,000
Upper Antelope Creek Middle B	10"	5170	1,040,000
Upper Antelope Creek	15"	15200	4,560,000
Loomis East	8"	11600	1,860,000
Brace Road East	12"	27500	6,600,000
Brace Road Pump Station			2,500,000
Croftwood East	8"	10,300	1,650,000
Contingency (30%)			7,130,000
Subtotal – Construction Costs			30,880,000
Design/Administration (10%)			3,090,000
<b>Total Capital Costs</b>			<b>33,970,000</b>

(1) The portion of the Upper Antelope Creek East New Trunk Sewer on Swetzer to Mareta was already constructed by the District in 2013 to eliminate the cost and risk of operating the Munoz Pump Station and as such only a small extension from that line to connect to the future Upper Antelope Creek Trunk was included.



## CHAPTER 6: Appendices

### Appendix A – Figures

- Figure 1 – Overview of South Placer Municipal Utility District
- Figure 2 – Existing ADWF – Compared to Flow Monitoring Data
- Figure 3 – Existing PWWF (10-year, 6-hour Design Storm)
- Figure 4 – Existing PWWF (10-year, 6-hour Design Storm) – with Proposed Improvements
- Figure 5 – Near-Term PWWF (10-year, 6-hour Design Storm)
- Figure 6 – Near-Term PWWF (10-year, 6-hour Design Storm) – with Proposed Improvements
- Figure 7 – Long Term PWWF – Lower Bound within the UGA
- Figure 8 – Long Term PWWF – Lower Bound within the UGA – with Proposed Improvements
- Figure 9 – Long Term PWWF – Upper Bound within the UGA
- Figure 10 – Long Term PWWF – Upper Bound within the UGA – with Proposed Improvements

### Appendix B – Select Profiles of Hydraulic Grade Lines

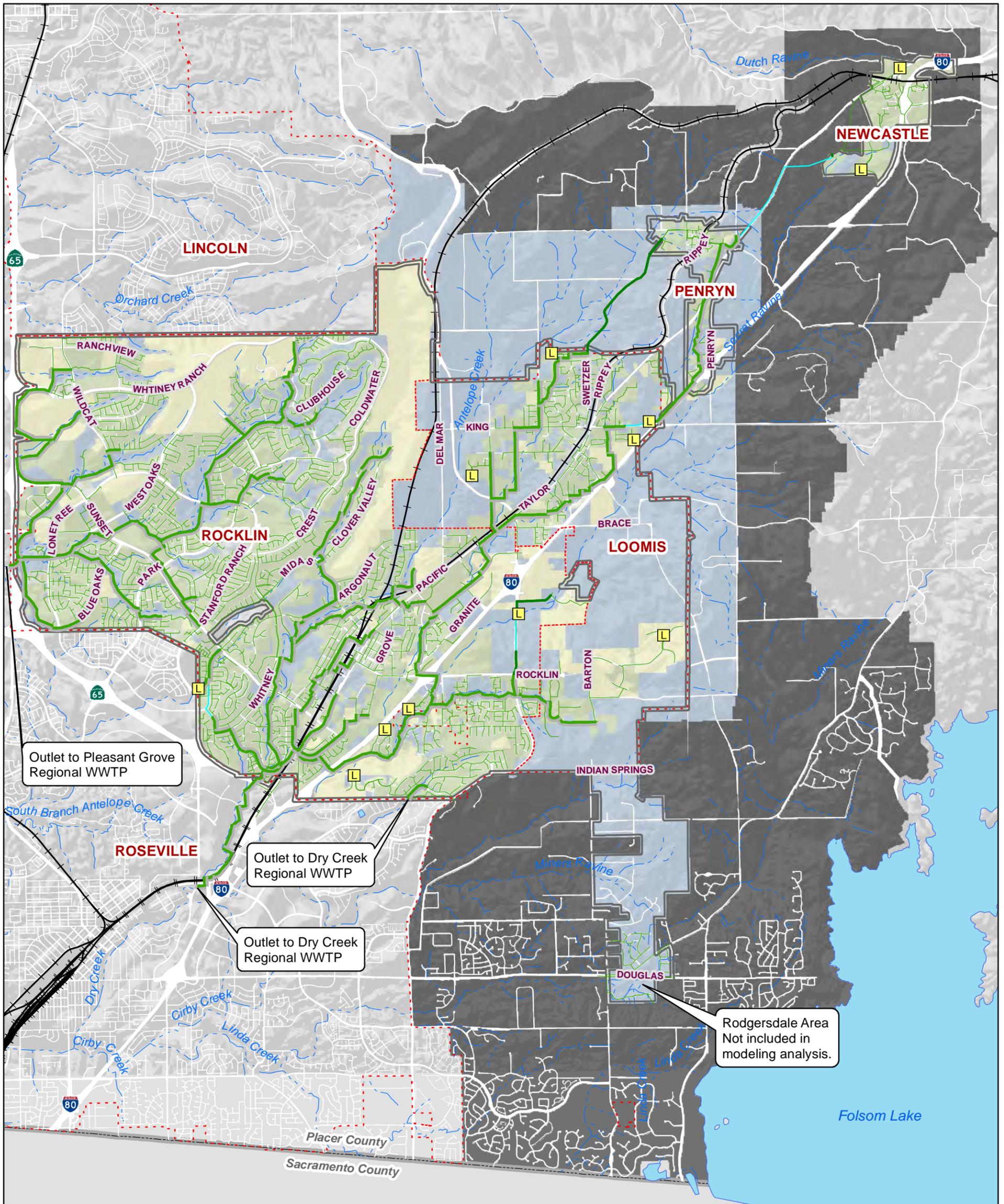
- Profile 1 – Existing PWWF – Lower Loomis Trunk
- Profile 2 – Existing PWWF – Lower Loomis Trunk with Proposed Improvements
- Profile 3 – Near-Term PWWF – Clover Valley Trunk
- Profile 4 – Near-Term PWWF – Clover Valley Trunk with Proposed Improvements
- Profile 5 – Near-Term PWWF – Lower Clover Valley Trunk
- Profile 6 – Near-Term PWWF – Lower Clover Valley Trunk with Proposed Improvements
- Profile 7 – Near-Term PWWF – Foothill Trunk
- Profile 8 – Near-Term PWWF – Foothill Trunk with Proposed Improvements

### Appendix C – Capital Outlay Fund Financial Projection Worksheet



## 6.1 Appendix A – Figures

- Figure 1 – Overview of South Placer Municipal Utility District
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- Figure 10 – Long Term PWWF – Upper Bound within the UGA – with Proposed Improvements



**Legend**

- Lift Station
- Boundaries**
- SPMUD
- City Limits
- Model Scenarios**
- Existing (2012)
- Near-Term (2020)
- Long-Term
- Not Modeled**
- Proposed SOI Outside the UGA

**South Placer Municipal Utility District  
Wastewater Collection System Model**



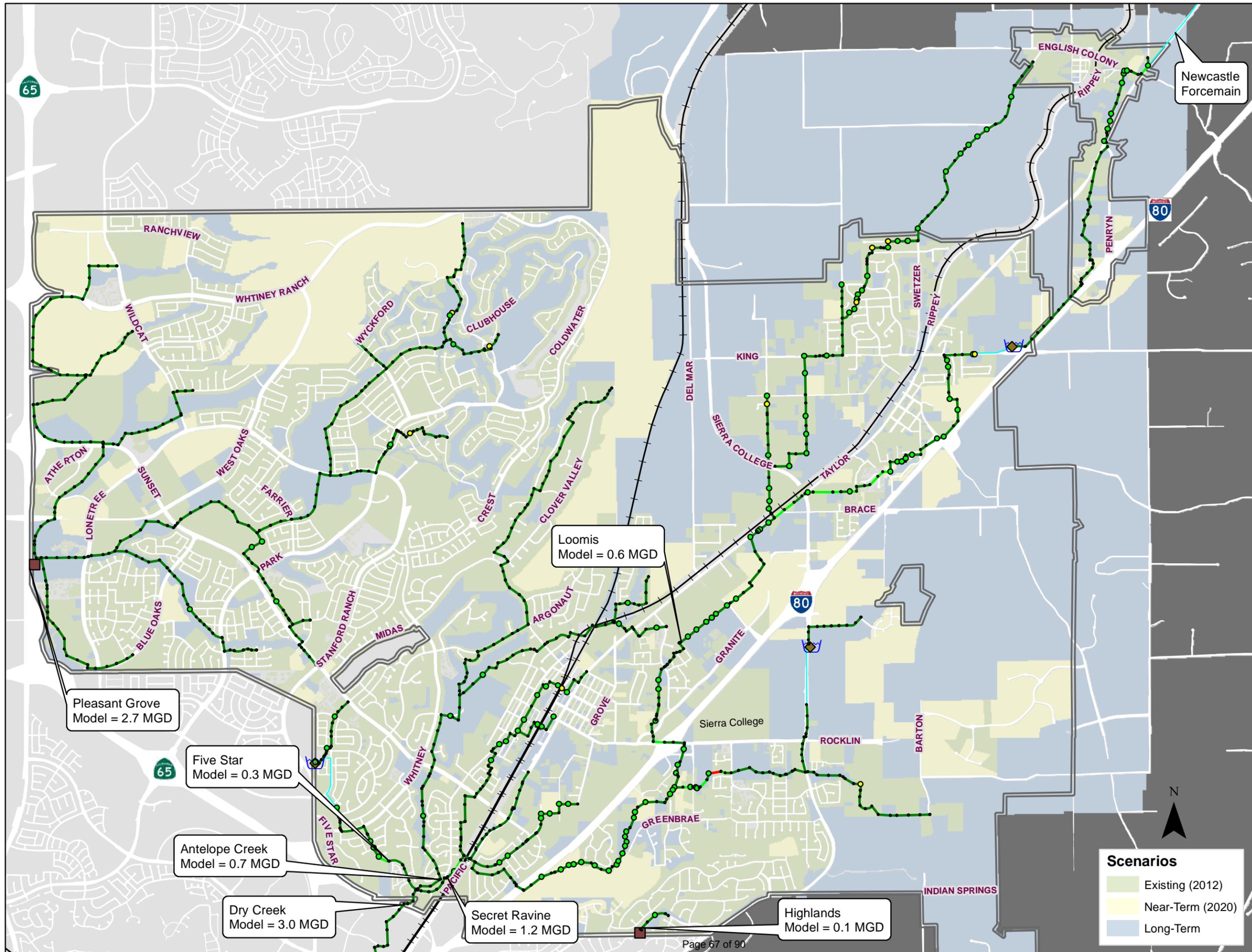
# Overview

**of South Placer Municipal Utility District**

**FIGURE 1**



FIGURE 2



South Placer Municipal Utility District  
Wastewater Collection System Model

# Existing ADWF

**Legend**

**Manhole**

**Freeboard (ft)**

- Less than 0
- 0-1
- 1-3
- 3-6
- Greater than 6

**Pipe**

**Maximum d/D**

- Less than 0.5
- 0.5-0.7
- 0.7-0.8
- 0.8-0.99
- Greater than 0.99

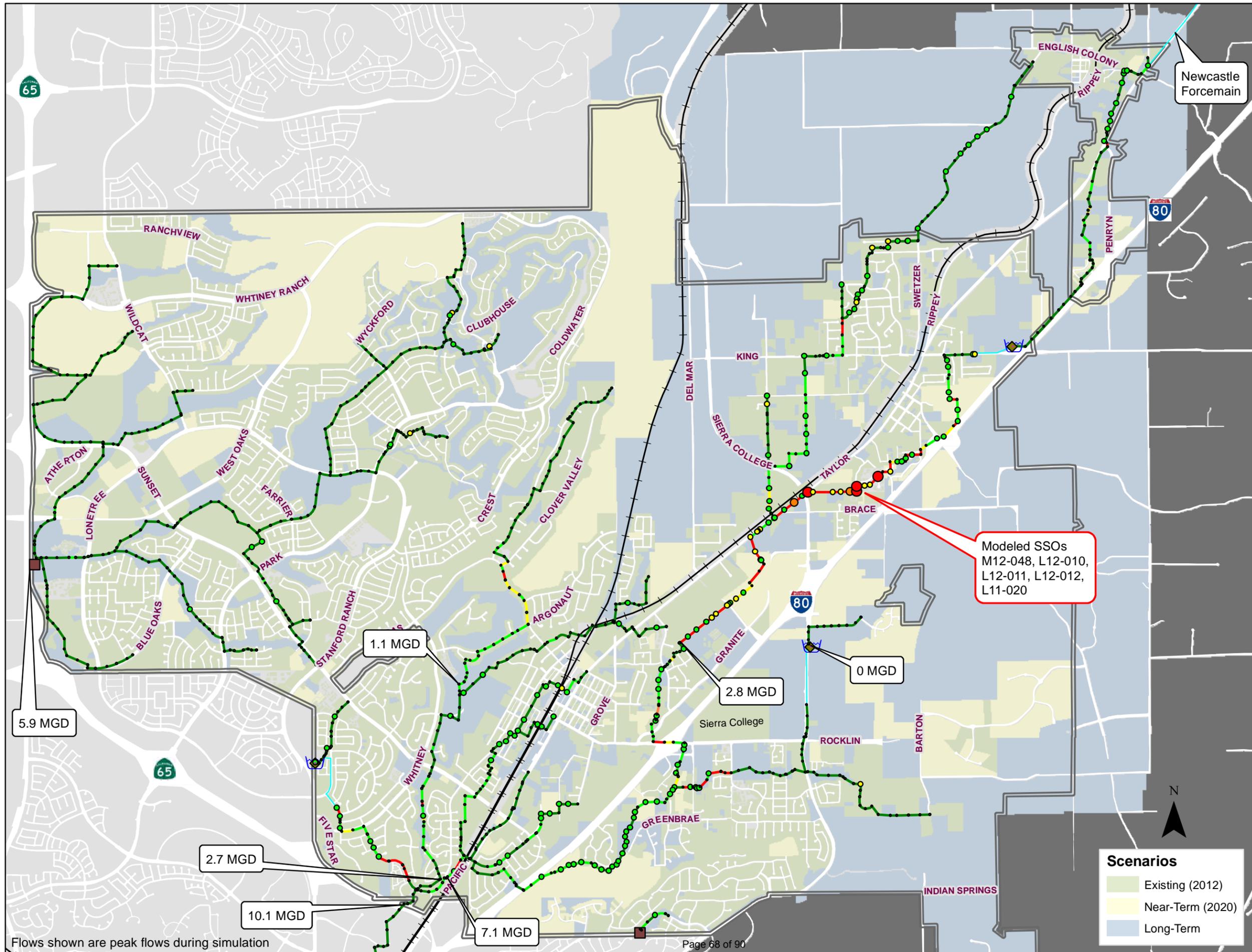
**Scenarios**

- Existing (2012)
- Near-Term (2020)
- Long-Term





FIGURE 3



South Placer Municipal Utility District  
Wastewater Collection System Model

# Existing PWWF

(10-yr, 6-hr Design Storm)

**Legend**

**Manhole**

**Freeboard (ft)**

- Less than 0
- 0-1
- 1-3
- 3-6
- Greater than 6

**Pipe**

**Maximum d/D**

- Less than 0.5
- 0.5-0.7
- 0.7-0.8
- 0.8-0.99
- Greater than 0.99

**Scenarios**

- Existing (2012)
- Near-Term (2020)
- Long-Term

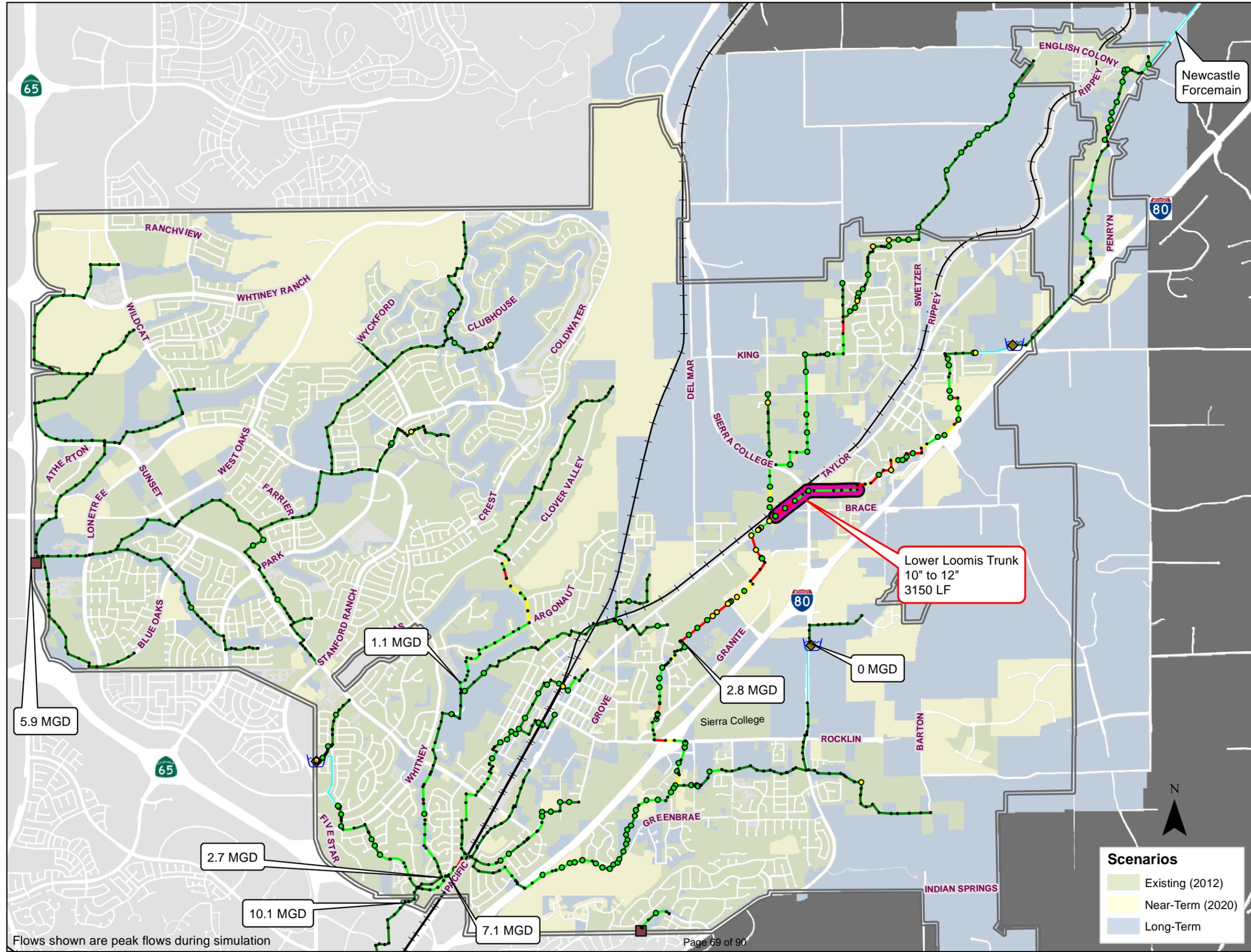
Flows shown are peak flows during simulation



FIGURE 4

South Placer Municipal Utility District  
Wastewater Collection System Model

**Existing PWWF**  
(10-yr, 6-hr Design Storm)  
with Proposed Improvements



Flows shown are peak flows during simulation

**Legend**

**Manhole**

**Freeboard (ft)**

- Less than 0
- 0-1
- 1-3
- 3-6
- Greater than 6

**Pipe**

**Maximum d/D**

- Less than 0.5
- 0.5-0.7
- 0.7-0.8
- 0.8-0.99
- Greater than 0.99

**Scenarios**

- Existing (2012)
- Near-Term (2020)
- Long-Term



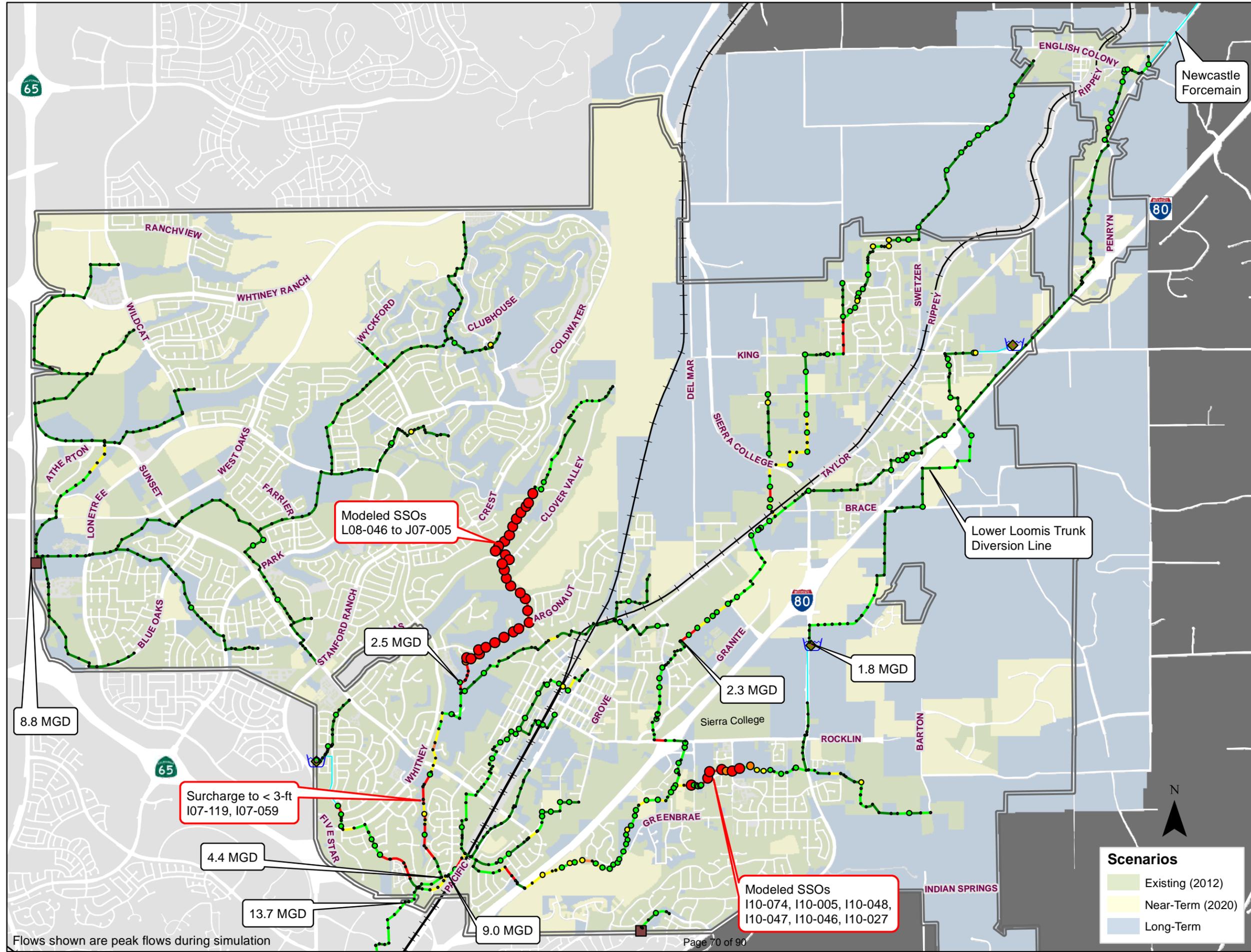


FIGURE 5

South Placer Municipal Utility District  
Wastewater Collection System Model

# Near-Term PWWF

(10-yr, 6-hr Design Storm)



**Legend**

**Manhole**  
Freeboard (ft)

- Less than 0
- 0-1
- 1-3
- 3-6
- Greater than 6

**Pipe**  
Maximum d/D

- Less than 0.5
- 0.5-0.7
- 0.7-0.8
- 0.8-0.99
- Greater than 0.99

**Scenarios**

- Existing (2012)
- Near-Term (2020)
- Long-Term



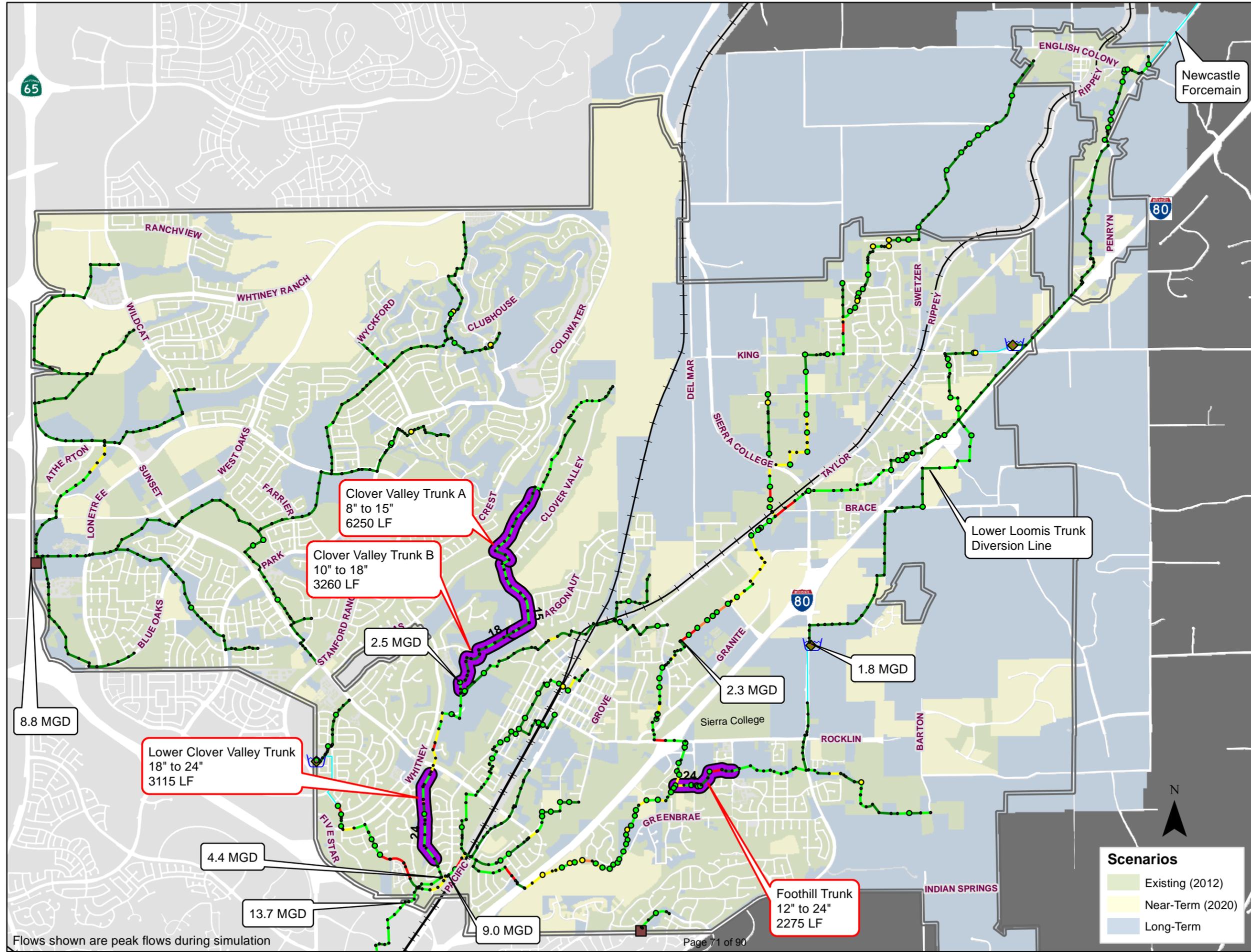
FIGURE 6

South Placer Municipal Utility District  
Wastewater Collection System Model

# Near-Term PWWF

(10-yr, 6-hr Design Storm)

with Proposed Improvements



Flows shown are peak flows during simulation

**Legend**

**Manhole**

**Freeboard (ft)**

- Less than 0
- 0-1
- 1-3
- 3-6
- Greater than 6

**Pipe**

**Maximum d/D**

- Less than 0.5
- 0.5-0.7
- 0.7-0.8
- 0.8-0.99
- Greater than 0.99

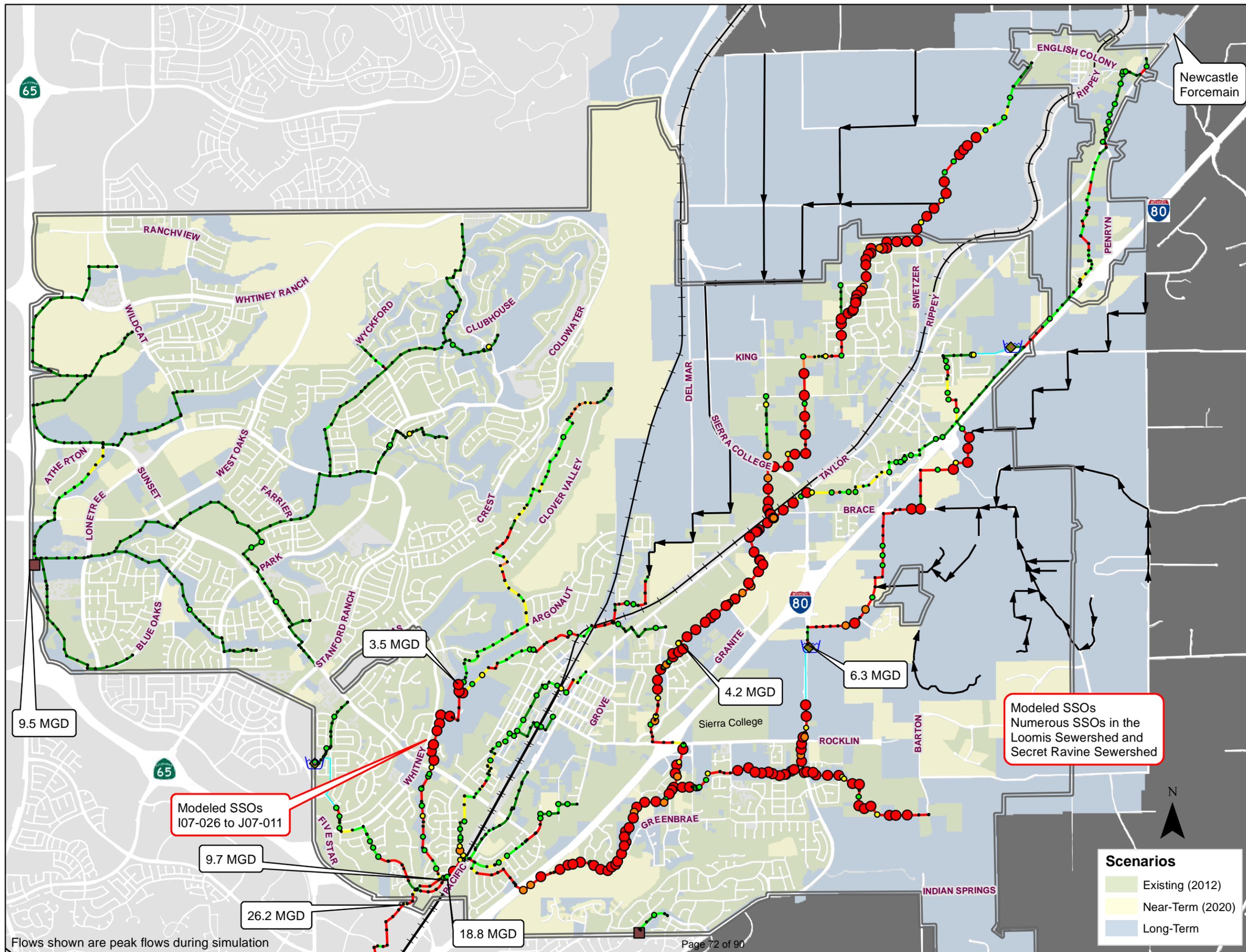
**Scenarios**

- Existing (2012)
- Near-Term (2020)
- Long-Term





FIGURE 7



South Placer Municipal Utility District  
Wastewater Collection System Model

# Long-Term PWWF

Lower Bound within the UGA

**Legend**

**Manhole Freeboard (ft)**

- Less than 0
- 0-1
- 1-3
- 3-6
- Greater than 6

**Pipe**

- Maximum d/D**
- Less than 0.5
  - 0.5-0.7
  - 0.7-0.8
  - 0.8-0.99
  - Greater than 0.99

**Scenarios**

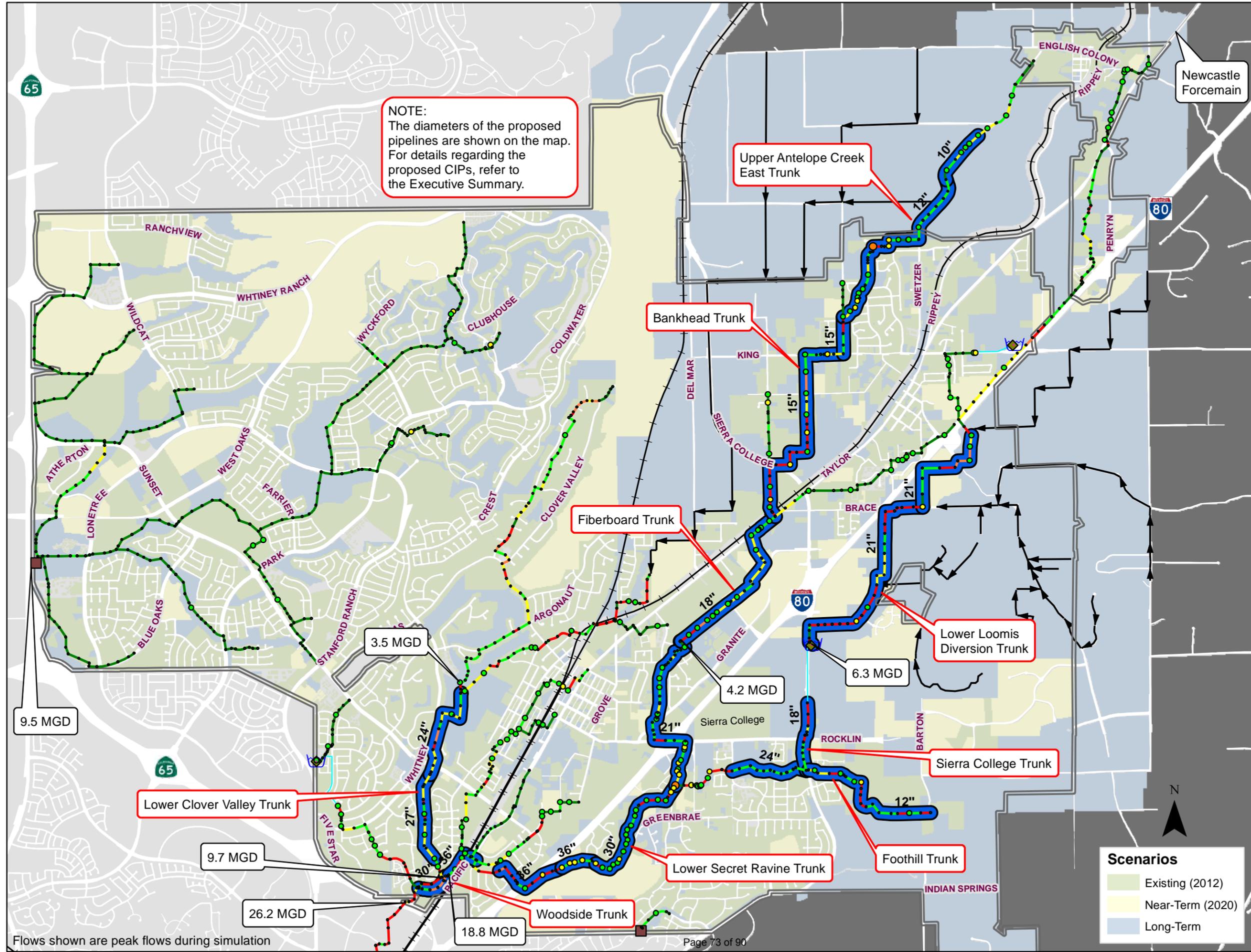
- Existing (2012)
- Near-Term (2020)
- Long-Term

— Future Trunk Lines

Flows shown are peak flows during simulation



FIGURE 8



**NOTE:**  
The diameters of the proposed pipelines are shown on the map. For details regarding the proposed CIPs, refer to the Executive Summary.

South Placer Municipal Utility District  
Wastewater Collection System Model

# Long-Term PWWF

Lower Bound within the UGA  
with Proposed Improvements

**Legend**

**Manhole**

**Freeboard (ft)**

- Less than 0
- 0-1
- 1-3
- 3-6
- Greater than 6

**Pipe**

**Maximum d/D**

- Less than 0.5
- 0.5-0.7
- 0.7-0.8
- 0.8-0.99
- Greater than 0.99
- Future Trunk Lines

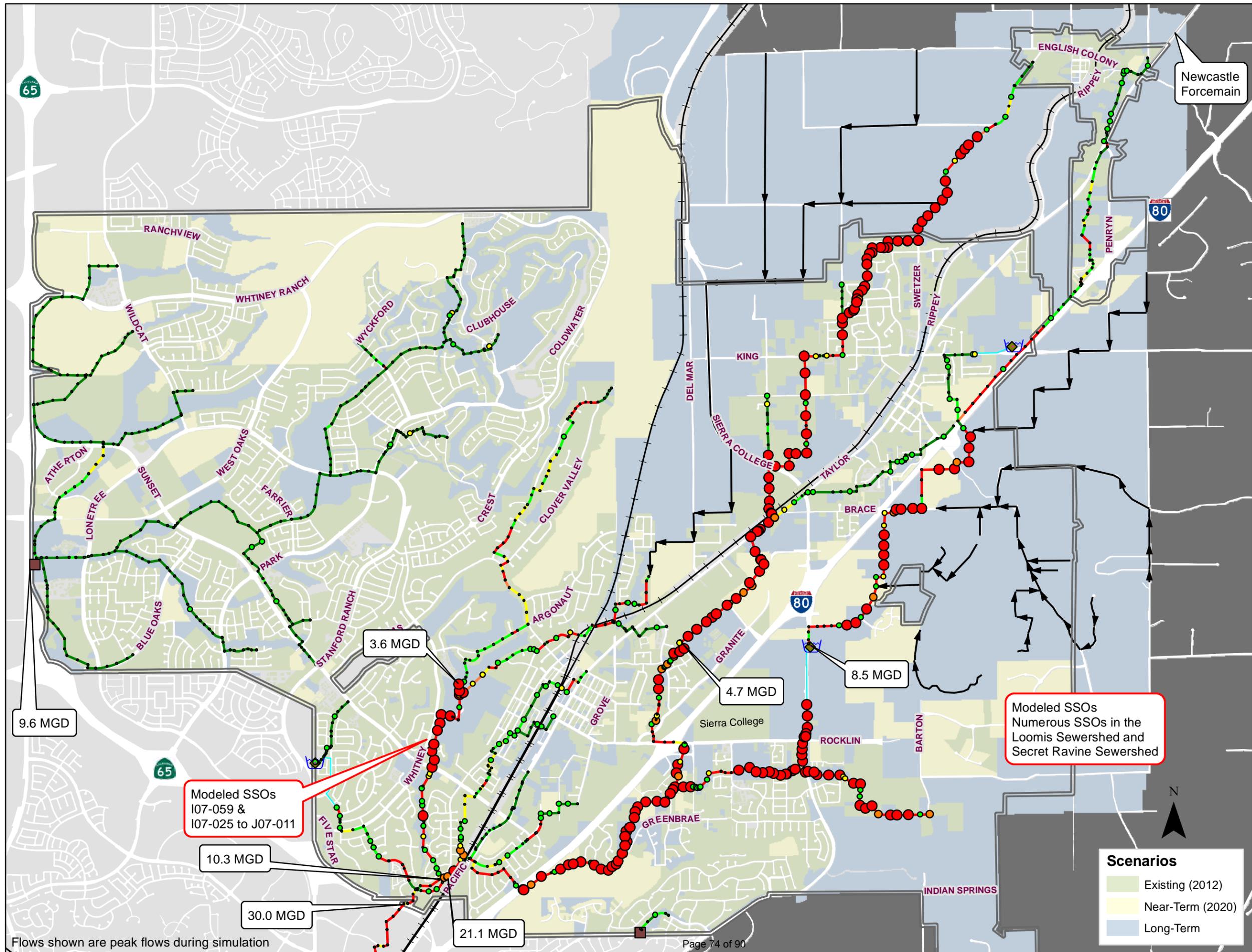
**Scenarios**

- Existing (2012)
- Near-Term (2020)
- Long-Term

Flows shown are peak flows during simulation



FIGURE 9



South Placer Municipal Utility District  
Wastewater Collection System Model

# Long-Term PWWF

Upper Bound within the UGA

**Legend**

**Manhole**

**Freeboard (ft)**

- Less than 0
- 0-1
- 1-3
- 3-6
- Greater than 6

**Pipe**

**Maximum d/D**

- Less than 0.5
- 0.5-0.7
- 0.7-0.8
- 0.8-0.99
- Greater than 0.99

→ Future Trunk Lines

**Scenarios**

- Existing (2012)
- Near-Term (2020)
- Long-Term

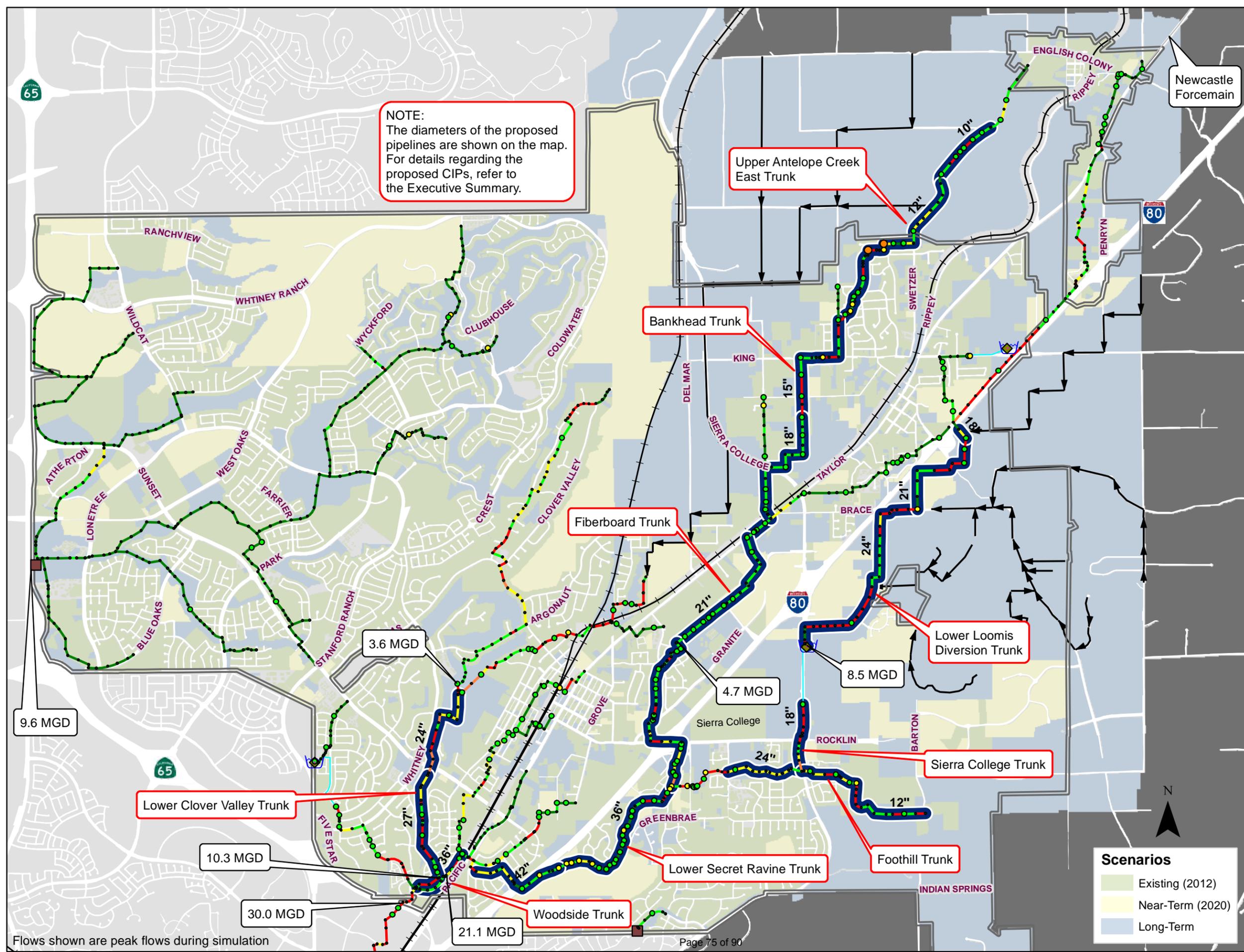
Modeled SSOs  
Numerous SSOs in the  
Loomis Sewershed and  
Secret Ravine Sewershed

Modeled SSOs  
I07-059 &  
I07-025 to J07-011

Flows shown are peak flows during simulation



FIGURE 10



NOTE:  
The diameters of the proposed pipelines are shown on the map. For details regarding the proposed CIPs, refer to the Executive Summary.

South Placer Municipal Utility District  
Wastewater Collection System Model

# Long-Term PWWF

Upper Bound within the UGA  
with Proposed Improvements

**Legend**

**Manhole**

**Freeboard (ft)**

- Less than 0
- 0-1
- 1-3
- 3-6
- Greater than 6

**Pipe**

**Maximum d/D**

- Less than 0.5
- 0.5-0.7
- 0.7-0.8
- 0.8-0.99
- Greater than 0.99
- Future Trunk Lines

**Scenarios**

- Existing (2012)
- Near-Term (2020)
- Long-Term

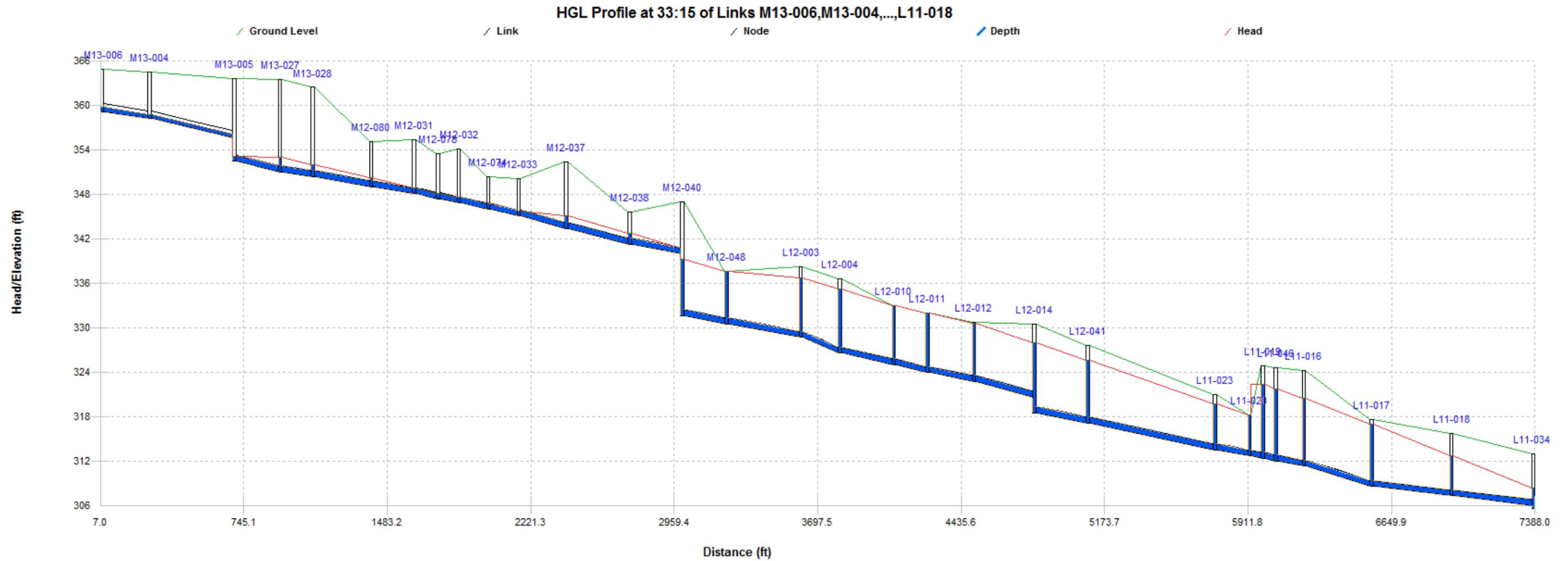
Flows shown are peak flows during simulation



## 6.2 Appendix B – Select Profiles of Hydraulic Grade Lines

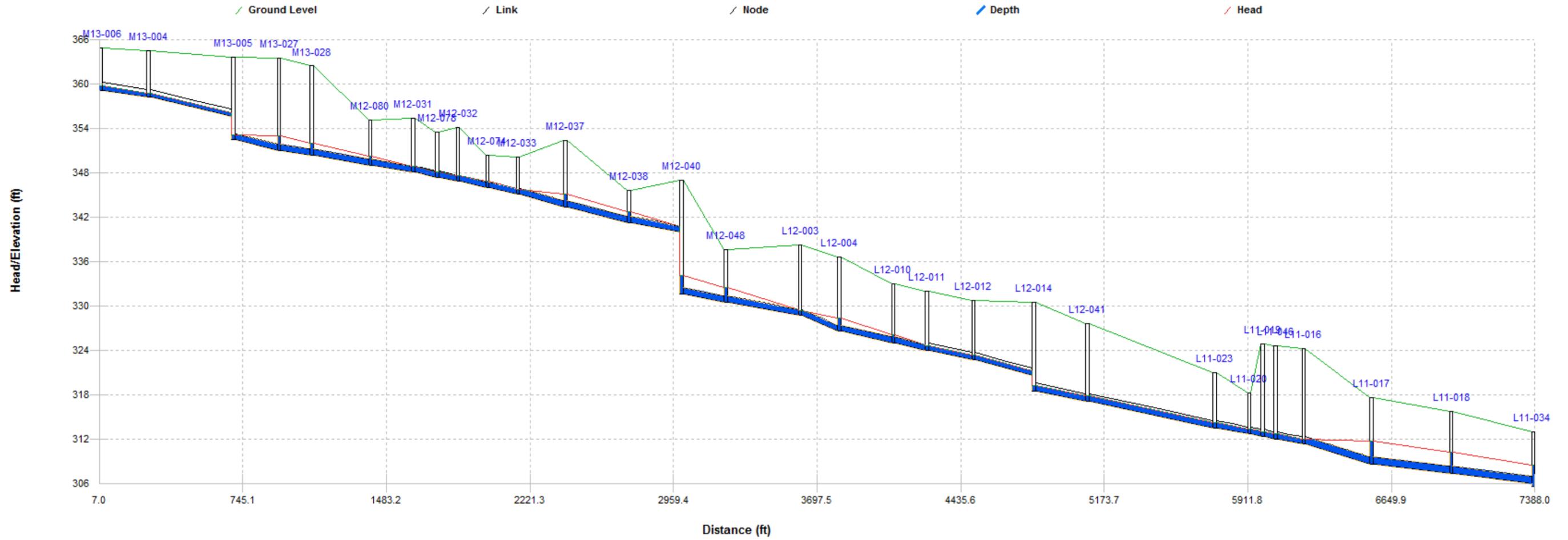
- Profile 1 – Existing PWWF – Lower Loomis Trunk
- Profile 2 – Existing PWWF – Lower Loomis Trunk with Proposed Improvements
- Profile 3 – Near-Term PWWF – Clover Valley Trunk
- Profile 4 – Near-Term PWWF – Clover Valley Trunk with Proposed Improvements
- Profile 5 – Near-Term PWWF – Lower Clover Valley Trunk
- Profile 6 – Near-Term PWWF – Lower Clover Valley Trunk with Proposed Improvements
- Profile 7 – Near-Term PWWF – Foothill Trunk
- Profile 8 – Near-Term PWWF – Foothill Trunk with Proposed Improvements

### Profile 1 – Existing PWWF – Lower Loomis Trunk

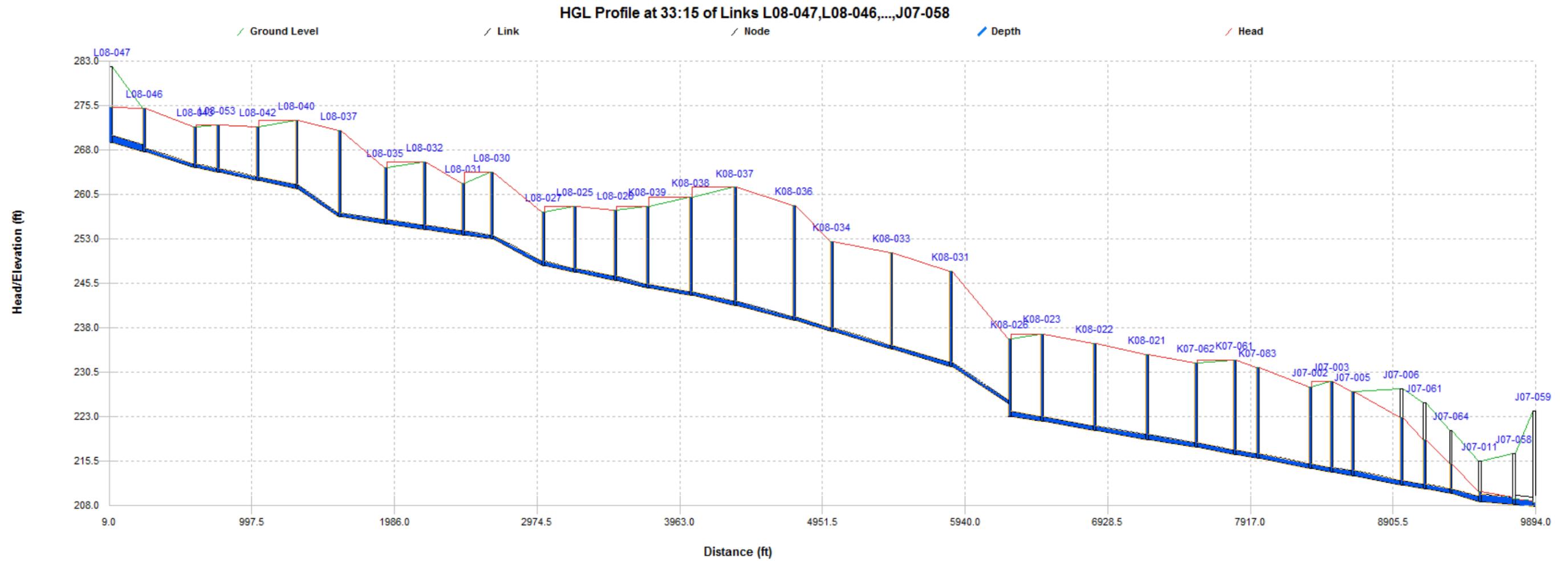


## Profile 2 – Existing PWWF – Lower Loomis Trunk With Proposed Improvements

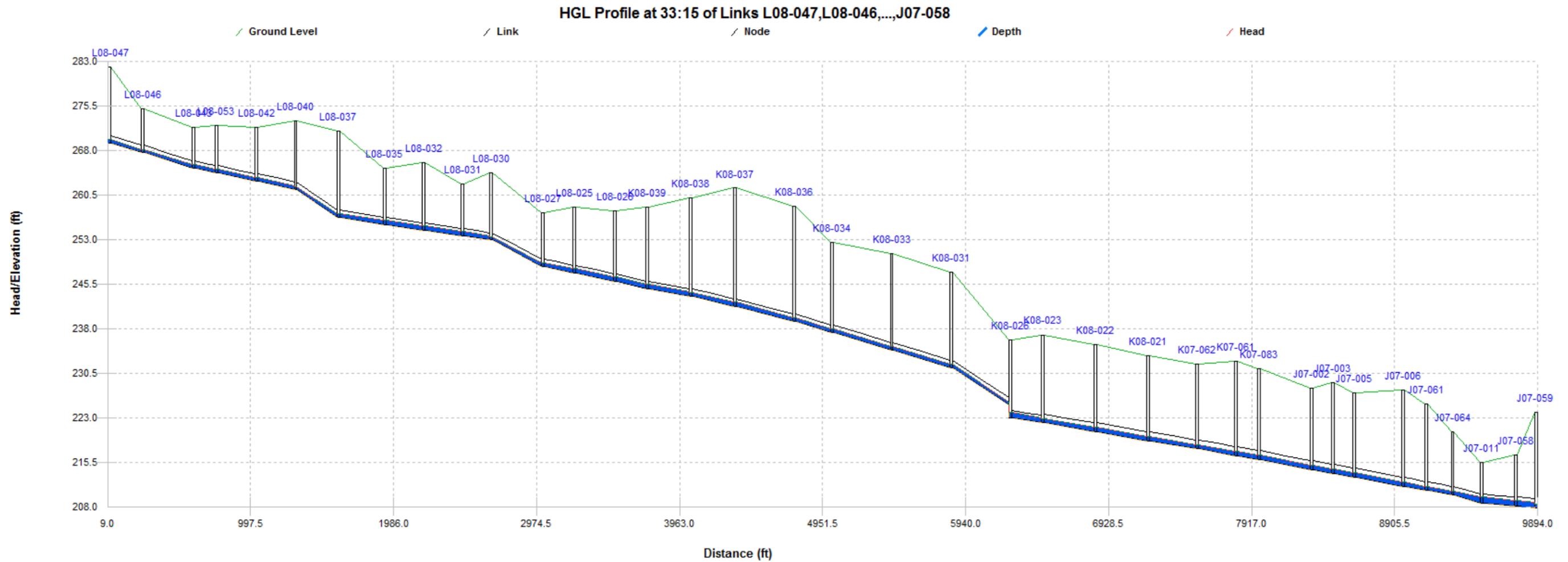
HGL Profile at 33:15 of Links M13-006,M13-004,....,L11-018



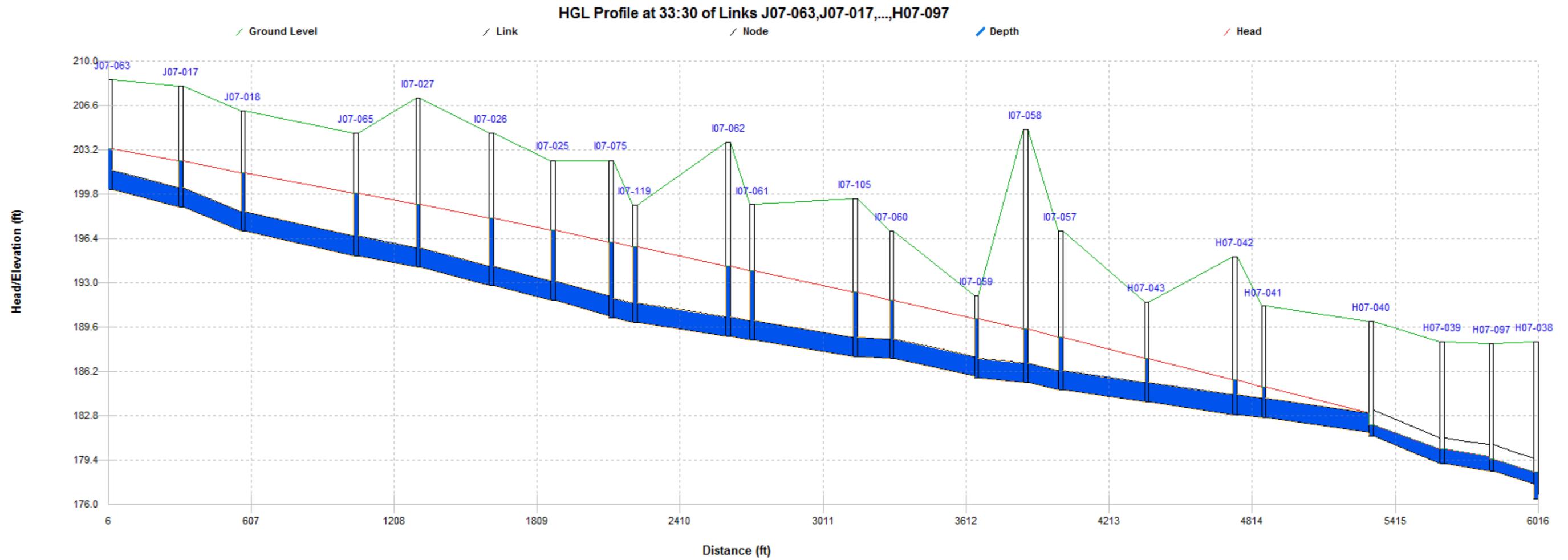
### Profile 3 – Near-Term PWWF – Clover Valley Trunk



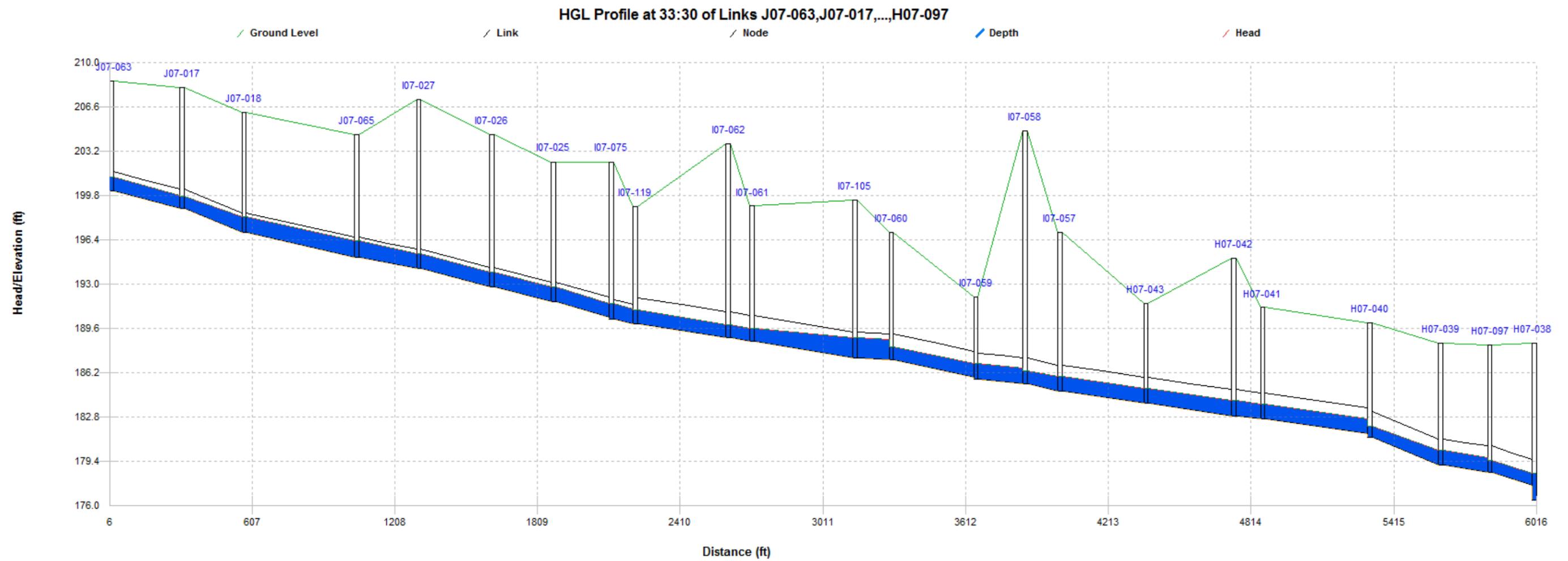
## Profile 4 – Near-Term PWWF – Clover Valley Trunk With Proposed Improvements



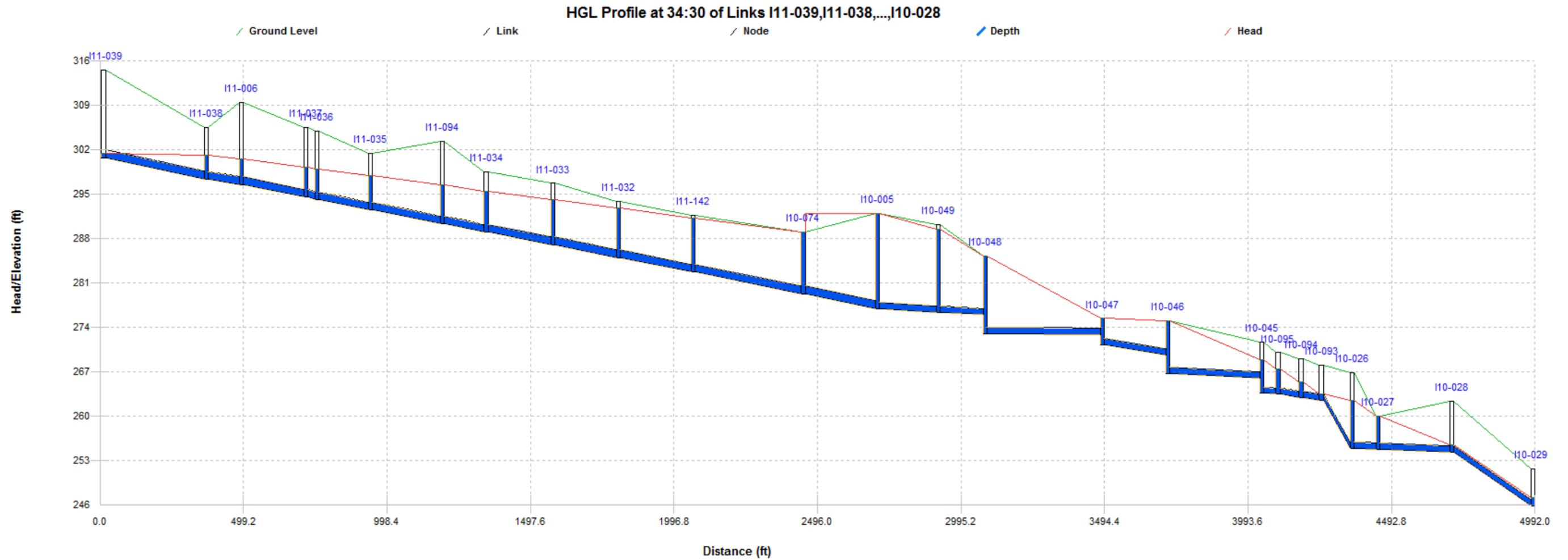
### Profile 5 – Near-Term PWWF – Lower Clover Valley Trunk



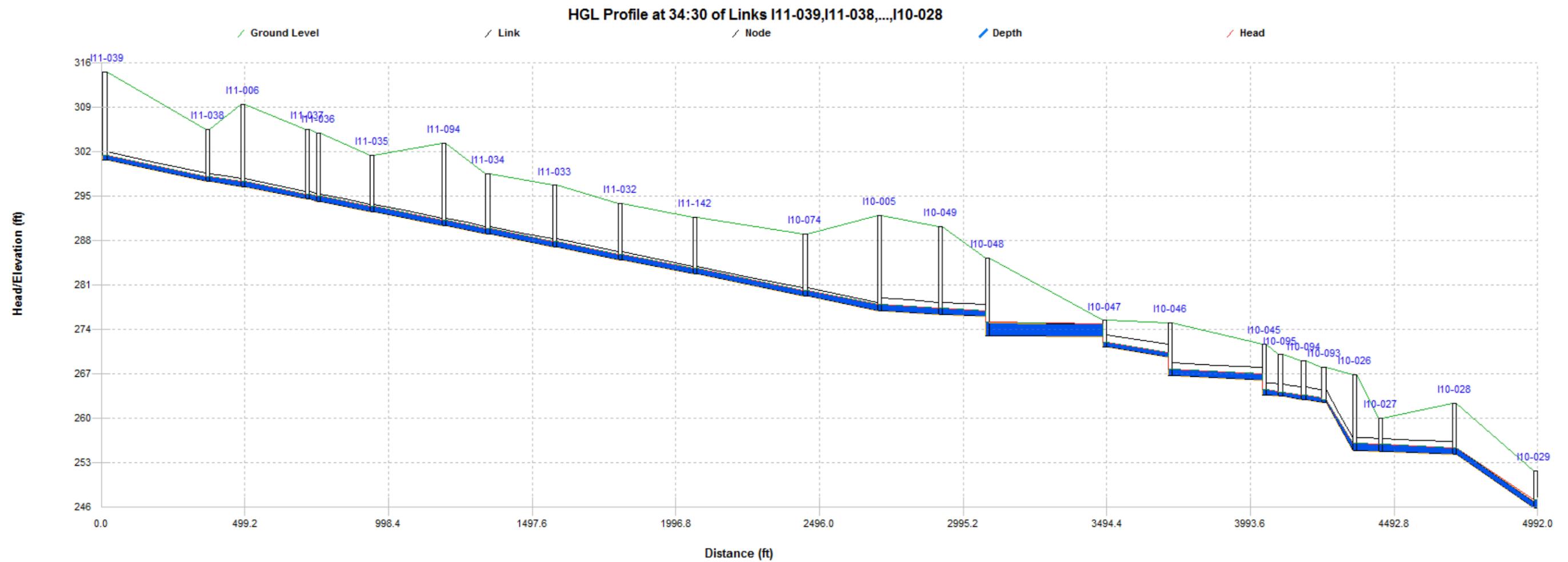
## Profile 6 – Near-Term PWWF – Lower Clover Valley Trunk With Proposed Improvements



### Profile 7 – Near-Term PWWF – Foothill Trunk



## Profile 8 – Near-Term PWWF – Foothill Trunk With Proposed Improvements



## **ITEM VII.2 GENERAL MANAGER REPORT**

To: Board of Directors  
From: Herb Niederberger, GM  
Date: May 7, 2015  
Subject: General Manager Monthly Staff Report – March 2015

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### **1) DEPARTMENT REPORTS**

Attached are the monthly status reports for the Boards information:

- A. Facility Services Department
- B. Administrative Service Department, and
- C. Technical Services Department

The Department Managers are prepared to answer any questions from the Board.

### **2) INFORMATION ITEMS**

- A. On April 15, 2015, the General Manager met with the District Legal Counsel to discuss District legal needs. Among some of the items that were discussed:
  - i. Rocklin 60 Update on Right of Way and Certificates of Correction to Final Map
  - ii. Monthly Board of Directors Legal Briefing Topics
  - iii. Upper Antelope Creek Sewer Project Emails- Godfrey PRA
  - iv. Resolution Adopting Manual of Policies and Chapters 1, 4 and 5
  - v. Ordinance Adopting Credit/Reimbursement Agreements
- B. On April 23, 2015, the Administrative Services Manager, Joanna Belanger and I met with the District Accountant to go over account reconciliation necessary for FY 2015/16 Budget preparation as well as research for the pending 5-year Financial Plan
- C. From April 29-May 1, 2015, the District Superintendent, Assistant Superintendent and I attended the CWEA Annual Conference in San Diego, CA
- D. Advisory Committee Meetings:
  - i. The Fee and Finance Committee – Directors Williams and Dickinson, met on March 25, 2015, after the March GM report was written, to discuss the concept of Credit/Reimbursement Agreements and a new District reserve policy.
  - ii. The Policy and Ordinance Review Committee - Director Mitchell and Director Markey, met on April 9, 2015, to discuss Chapters 1, 4 and 5 of the proposed District Manual of Policies
  - iii. Loomis 2x2 - Directors Williams and Markey, met with City of Loomis Council Members Morillas and Wheeler three times during the month of April, 2015:
    - April 1, 2015 – to discuss the alignment, schedule and funding of the proposed Loomis Basin Diversion. The Town is scheduling later this spring the certification of a Mitigated Negative Declaration for the pipeline.

- April 8, 2015 – to meet with the developers for the Villages at Loomis to discuss the alignment, schedule and funding of the proposed Loomis Basin Diversion as well as off-site conditions of approval for the project.
- April 16, 2015 - to meet with the developers for the Turtle Island property to discuss the alignment, schedule and funding of the proposed Loomis Basin Diversion as well as zoned and intended uses for the property.

No other committee meetings were held during April 2015

ITEM VII. FSD REPORT

To: Board of Directors  
From: Jody Allen, Superintendent  
CC: Herb Niederberger, General Manager  
Subject: Field Services Department Monthly Report  
Board Mtg. Date: May 7, 2015

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1. **Superintendent Transition;**

As stated in last month's report, I've focused on projects that we felt could be completed prior to my retirement. We received our Permit to construct from the City of Rocklin for the additional equipment parking structure, and intend to get the footings dug, inspected and poured during the month of May. We sent plan-sets to AT&T depicting our repeater antennae location for the Mareta Lane Lift Station, and have been given the "all clear" to construct. The components for the antennae have been ordered, and construction should occur this month.

2. **Capital Budget items for 2014/15;**

In addition to the items mentioned above, we installed engineered fall protection on our smaller lift stations, this past month. Photos are included for clarification.

3. **CCTV:** With South Placer's TV trucks operating intermittently over this past month, TV crews inspected 9.84 miles of mainline. It should be noted, that one crew performed the bulk of this CCTV inspection, as a Maintenance Worker usually assigned to assist on a TV Van was on "light duty", following a knee operation. In addition to this, crews assisted in inspecting 23 – four (4") service laterals totaling approximately 1056'.

4. **Flushing (HVVC):** The crew focused on general shed flushing of mainlines, and including monthly "Hot Spot" flushing, just over 4.7 miles of hydro cleaning was completed for the month. The crew switched over to our root foaming program, towards the end of the month, following repairs to the Foaming equipment, mentioned last month. Production numbers for Root Foaming will be included in the June report.

5. **Construction:** The crew performed a variety of projects this past month; they finished Easement mowing at the first of the month, and then assisted in installing the engineered fall protection on five of the eight smaller Lift Stations. They performed 2 Manhole repairs and 8 PLCO installs. The crew also installed a new service lateral as a "Tap install" on Arrowhead Rd, in the Placer County portion of our District.

These activities are in alignment with the *Strategic Plan Goals 4.1 A, B & C*: Eliminate SSO's using the most efficient and effective methods and procedure for maintenance of sewer main pipes & *Goal 4.2*: Operate and Maintain sewer appurtenances to provide functional, reliable, efficient and effective service life.

ITEM VII. ASD REPORT

To: Board of Directors

From: Joanna Belanger, Administrative Services Manager

CC: Herb Niederberger, General Manager

Subject: Administrative Services Department Monthly Report

Board Mtg. Date: May 7, 2015

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**Interior Painting/HVAC systems**

Richards Painting has completed painting the interior offices in the Head Quarter building. RJA Heating & Air have completed the relocation of registers and balancing of air flows within the building.

**Voice over IP (VoIP)**

Preparation for the Voice over IP (VOIP) telephone system is almost completed. Fortis Telecom, will be on site in May to deploy equipment and provide staff training for the new system.

**Solar Request for Proposal (RFP)**

Staff continues to gather data in preparation for an RFP for the installation of solar systems for District buildings. Costs will be included for consideration in the FY 15/16 Capital Budget.

**Assignments**

Delinquent notices have been mailed this week to all customers with outstanding balances from calendar year 2014. A Public Hearing will be held at the June 4, 2015 meeting for delinquent accounts to be assigned to the Placer County Tax Roll.

ITEM VII. TSD REPORT

To: Board of Directors  
From: Eric Nielsen, District Engineer  
Cc: Herb Niederberger, General Manager  
Subject: Technical Services Department Monthly Report  
Board Date: May 7, 2015

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**IT Master Plan**

Staff continues to work towards Phase One Implementation, which will include discontinued use of the existing WWMS database and implementation of the Lucity database. Staff is working with Lucity to complete the final installation of software components, finalize the District-specific report templates, and plan for the data migration of legacy data from WWMS to Lucity.

**Elliott Homes Temporary Lift Station Upgrades**

Work is now complete on the lift station upgrades and the project is being brought before the Board for acceptance at this board meeting.

**Loomis Diversion Line**

Staff continues to support the Town of Loomis CEQA consultant. Staff met with the SPMUD-Town of Loomis 2x2 Committee and the Loomis 65 (Turtle Island) representatives on April 16<sup>th</sup> to discuss the alignment of the Diversion Line through that property and the anticipated schedule for the project. The CEQA documentation for the pipeline is scheduled to be completed in May.

**System Evaluation and Capacity Assurance Plan (SECAP)**

The System Evaluation and Capacity Assurance Plan is complete and is being presented to the Board at this board meeting.

**High Risk Facilities (HRF) Program**

Staff plans to conduct a comprehensive risk assessment of District facilities using a software tool to leverage the information available in District databases. The results will allow staff to prioritize planned improvements according to risk and develop a long-term capital improvement program.

Staff has purchased the InfoMaster software tool and is in the process of entering asset information to conduct the risk analysis. The results of the HRF Program are scheduled to be completed in May and will be used to support the efforts of the fee committee and the Board to appropriately define District rates.

**Foothill Trunk Sewer Upsizing Project**

Water Works Engineers (WWE) and their sub-consultants have submitted the project's Initial Study / Mitigated Negative Declaration (IS/MND). Staff is currently reviewing the IS/MND to provide comment. Staff is working with WWE on Phase II of the design of the project, which includes 90% design submittals, 100% design submittals, final bid documents, and final field studies and environmental permitting.

Construction of this project is planned for spring of 2016 to provide sufficient time for design, public outreach, environmental documentation, and scheduling of construction during the dry season.

**Loomis 10-Inch CIPP Project**

The contractor (SAK Construction) completed field work of the CIPP installation and manhole seals on April 15<sup>th</sup>. The project was very successful and resulted in a high-quality pipeline product that will extend the service life of the 10-inch trunk sewer. Staff is now processing the supporting documentation for invoices and closing out the project.