

KINNELOA IRRIGATION DISTRICT

Regular Meeting – Board of Directors
1999 Kinclair Drive, Pasadena, CA 91107
Tuesday, January 21, 2020
3:00 P.M.

AGENDA

1. **CALL TO ORDER** – 3:00 P.M.
 - a. Declaration of a quorum
 - b. Review of agenda
2. **PUBLIC COMMENT** – Comments from the Public regarding items on the Agenda or other items within the jurisdiction of the District
In compliance with the Brown Act, the Board cannot discuss or act on items not on the Agenda. However, Board Members or District Staff may acknowledge Public comments, briefly respond to statements or questions posed by the Public, ask a question for clarification, or request Staff to place item on a future Agenda (Government Code section §54954.2)
3. **REVIEW OF MINUTES** – December 17, 2019
Recommended Action: Review and approve motion to file
4. **REVIEW OF FINANCIAL REPORTS** – December 31, 2019
Recommended Action: Review and approve motion to file
5. **GENERAL MANAGER'S REPORT** – Information item presented by General Manager
Recommended Action: General Manager to summarize the report and respond to questions
6. **CAPITAL IMPROVEMENT AND MAINTENANCE PROJECTS** – Presentation by General Manager of the proposed projects for 2020-2021
Recommended Action: Approve initial recommended projects for 2020
7. **BALLOT: SPECIAL DISTRICT LAFCO REPRESENTATIVE** – Discuss nominations
Recommended Action: Authorize Chair to vote for candidate preferred by the Board
8. **BOARD OF DIRECTORS COMPENSATION** – Review General Manager's memo and draft ordinance
Recommended Action: If motion passes to proceed, direct staff to prepare public hearing notice and schedule the hearing for a future meeting
9. **BROWN-GLEN PIPELINE IMPROVEMENT PROJECT** – Review General Manager's memo and Engineer's Report
Recommended Action: Authorize continuation of the project design and preparation of plans and specifications
10. **INFORMATION ITEM** – 2019 Legislative Report by California Special Districts Association
Recommended Action: General Manager to respond to questions

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AGENDA

11. CLOSED SESSION – PUBLIC EMPLOYEE PERFORMANCE EVALUATION – Government Code §54954.5(e): Title: General Manager

12. OPEN SESSION – REPORT ON CLOSED SESSION

13. DIRECTOR REPORTS AND/OR COMMENTS – In accordance with Government Code §54954.2
Directors may make brief announcements or brief reports on their own activities. Directors may ask a question for clarification, provide a reference to staff or other resources for information, request staff to report back to the Directors at a subsequent meeting, or act to direct staff to place a matter of business on a future agenda.

14. CALENDAR – February 18, 2020
March 17, 2020
April 21, 2020

15. ADJOURNMENT

In compliance with the Americans with Disabilities Act, if you are a disabled person and need a disability-related modification or accommodation to participate in this meeting, please contact the District office 48 hours prior to the meeting at 626-797-6295. Each item on the agenda, no matter how described, shall be deemed to include any appropriate motion, whether to adopt a minute motion, resolution, payment of any bill, approval of any matter or action, or any other action. Material related to an item on this agenda submitted after distribution of the agenda packet is available for public review at the District office or online at the District's website <https://kinneloairrigationdistrict.info>.

KINNELOA IRRIGATION DISTRICT
Regular Meeting – Board of Directors
1999 Kinclair Drive, Pasadena, CA 91107
Tuesday, December 17, 2019, 3:00 pm
Minutes

DIRECTORS PRESENT: Frank Griffith, Gordon Johnson, Gerrie Kilburn, and Dave Moritz
Tim Eldridge (arrived 3:15 pm)

DIRECTORS ABSENT: None

STAFF PRESENT: General Manager Melvin Matthews, Sr. Facilities Operator Chris Burt,
Administrative Assistant Joel Bundy

1. CALL TO ORDER: Director/Chair Gordon Johnson called the meeting to order at 3:00 pm. A quorum of Board Members was present. The Agenda was reviewed. No changes were requested.

2. PUBLIC COMMENT: No members of the public were present.

3. PUBLIC HEARING REGARDING PROPOSED 2020 WATER RATES: The Chair opened the hearing at 3:01 pm. No members of the public were present. The General Manager stated that no letters and no phone calls were received regarding the proposed rates for 2020. The notice regarding the meeting and proposed rates was sent to all customers and owners as required by Proposition 218. He added that the agenda packet included the budget, a water rate survey, and memo for background material. The Chair asked if this was the first year that no written comments or public comments were received. The General Manager said that it is typical to have no written comments and zero to four people present at the meeting. The Chair closed the hearing at 3:03 pm.

4. WATER RATES: The Chair called for discussion. Director Griffith commented on the rate structure design, stating that the base rate should cover certain things, which it does not. The General Manager agreed and added that the water industry does not base fixed charges on the fixed expense of running the District. It would lead to fixed rates of over \$100 per month. Director Griffith asked why the fire flow test costs are so much higher for the District than other agencies. The General Manager stated that part of the reason is that other agencies have an engineer on staff. The higher fee is for the service provided by the contracted engineer. When possible, if a new physical fire flow test is not required, there is a lesser \$250 fee. Director Griffith suggested that the alternate fee is listed the next time the rate survey is updated. The General Manager stated that the District does not profit from the fire flow tests and tries to minimize the cost to the customer.

It was motioned/seconded/carried-(Kilburn/Griffith-4/0/0/1).

“That the Board approves Resolution 2019-12-17 to adopt the rates for service and usage charges.”

(Aye-Griffith, Johnson, Kilburn, Moritz/Nay-0/Abstain-0/Absent-Eldridge)

5. REVIEW OF MINUTES:

It was motioned/seconded/carried-(Kilburn/Griffith-4/0/0/1):

“That the Board approves the November 19, 2019, minutes as presented for filing and posting on the website.”

(Aye-Griffith, Johnson, Kilburn, Moritz/Nay-0/Abstain-0/Absent-Eldridge)

KINNELOA IRRIGATION DISTRICT
Regular Meeting – Board of Directors
Tuesday, December 17, 2019
Minutes

6. REVIEW OF FINANCIAL REPORTS: The General Manager reviewed the November 30, 2019, financial reports. On the Income Statement, he highlighted the water sales revenue, with a positive monthly variance of \$28,000 and yearly variance of \$43,000 to the good. Wholesale water sales were very close to budget. For expenses, he pointed out account 5005 electricity which was over the monthly budget by \$10,000 due to Edison billing for the previous 4 months of electricity at K-3. The electrical cost for the year is close to budget.

Director Griffith asked if next year's budget considers electricity rate increases. The General Manager replied that he did budget for electrical rate increases.

Overall, expenses were over the monthly budget, primarily due to payment to contractors for water leaks. Nevertheless, the net revenue for the year was over \$54,000 to the good.

On the Cash Flow statement, he stated that there is a net increase for the year of \$95,000, which will go to surplus to pay for future capital improvement projects.

Director Griffith asked about the compensation survey listed on the credit card detail. The General Manager stated that he has ordered surveys from both Special Districts and AWWA.

(Director Eldridge arrived.)

It was motioned/seconded/carried-(Kilburn/Griffith-4/0/1/0):

“That the Board approves the financial reports as presented for filing.”

(Aye-Griffith, Johnson, Kilburn, Moritz/Nay-0/Abstain-Eldridge/Absent-0)

The Chair called for a brief recess at 3:16 pm. to administer the oath of office to Director Eldridge. The Chair reconvened the meeting at 3:19 pm.

7. GENERAL MANAGER'S REPORT: The General Manager and Board reviewed the report.

I.C. Internet Usage: After the transition to the new website, it was recently discovered that coding needed to be changed to collect analytics. There is no data for November, and there will be only partial data for December. The General Manager expects usage to be the same or a little higher.

II.A. Water Main Improvement Projects: The projects are proceeding more slowly than promised by the engineers but in line with what the General Manager expected. The objective is to move at least one of the projects into a construction phase in 2020. If both are bid and scheduled, that will be better. The District has the reserve funds available to cover the expected cost.

Director Griffith asked who installed the anti-slip treads at Vosburg. The General Manager replied that he did the installation.

8. INFORMATION ITEMS:

a. ACWA JPIA Liability Policy, and

b. ACWA JPIA Awards: The General Manager reviewed the letter and award certificates. Director Griffith asked if there have been any quotes from other agencies. The General Manager stated that there have not been other quotes.

c. Per- and Poly-fluoroalkyl substances (PFAS): The substance is not new. New instruments can detect parts per trillion, so there is increasing concern when substances are found. With the movie, *Dark Waters*, being released, it is possible Directors may receive questions about PFAS.

KINNELOA IRRIGATION DISTRICT
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d. Public Records Requests: The email is a response from the attorney regarding requests for customer information, whether it is from members of the public or Directors. As an example, Director Griffith asked about a letter concerning easements, which he requested in a prior month. Is that something that can be asked for? The General Manager said that the information can be requested, and personal information would be redacted.

e. Pasadena Glen Community Services District (CSD): First, Director Eldridge reported that Linda Williams is trying to give an easement to the CSD, so that when she sells her property, the Glen will always have an emergency exit via that easement. The District has an easement in that area, maintained by the Hastings Heights subdivision. There is also a blanket easement for the District on the parcel of land that goes from the Pasadena Glen out to Hastings Heights. Director Eldridge asked if current access to Glen Reservoir off Shaw Ranch Rd. is included in the blanket easement. Sr. Facilities Operator replied, "Yes." Director Eldridge asked if there is an additional easement, on the Schindler property. Sr. Facilities Operator said that he was pretty sure there was an agreement. Director Eldridge stated that the CSD lawyers may be contacting the District as they prepare the easement for Linda Williams. Second, the owner next to a District property wants to change the use of the property. Director Eldridge said that there is no action at this time, but he would like to know what the process is to address a question of changing the use of a property and how that would impact the District's easement. Finally, there is a parcel for sale that has a manhole cover for Long Tunnel, a water source currently used for spreading credit. Long Tunnel runs through several parcels in the Glen and exits at Glen Reservoir. It is unclear what happens when someone wants to build on that parcel, and how close they can be to that water source. The property now has signage marking the manhole cover as the property of the District. The owner next-door to the parcel is starting to landscape the property that is for sale. The General Manager said he will investigate. Director Griffith asked if the General Manager had spoken with the owner already. The General Manager said that he had contact with a different owner of a property near the Glen Reservoir about clearing Arundo grass and ivy. Director Griffith suggested that parties get together and share the cost of plotting easements. The General Manager stated that Director Eldridge has already done a lot of work, and Director Eldridge stated that the easements are clear. The only question was, did the District ever speak with the property's owner on how they were going to use their blanket easement.

9. TRUCK REPLACEMENT: The General Manager reviewed the memo and quote and recommended the Board authorize him to issue a purchase order. Director Griffith asked if it would be better to have vinyl seats instead of cloth. Both the General Manager and Sr. Facilities Supervisor said, "No." The Sr. Facilities Supervisor added that vinyl holds up, but it is hot and does not breathe. Director Griffith asked about the warning strips location on the trucks, and if they are strobes. The General Manager specified the location of the strips and stated that they are strobes. Director Eldridge asked if there are additional items to be added to the truck. The General Manager replied that a ladder rack is the only thing that cannot be ordered from the factory. Director Eldridge asked if the ladder rack was part of the approval. The General Manager stated that he indicated the cost of the ladder racks in the memo.

It was motioned/seconded/carried-(Eldridge/Kilburn-5/0/0/0):

"That the Board authorize the General Manager to issue a purchase order for the two trucks as documented."

(Aye-Eldridge, Griffith, Johnson, Kilburn, Moritz/Nay-0/Abstain-0/Absent-0)

KINNELOA IRRIGATION DISTRICT
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Director Kilburn asked what would happen to the older trucks. The General Manager replied that the '99 truck may be kept longer. It has good tires and has had some recent repair work. The '96 will definitely be sold. Director Griffith asked if there was any chance the truck would be traded in instead of sold. The General Manager said that he would explore that suggestion.

10. ELECTION OF KINNELOA IRRIGATION DISTRICT BOARD OFFICERS FOR YEAR 2020:

Nominations for the office of Chair for the year 2020 were opened.

It was motioned/seconded/carried-(Kilburn/Griffith-5/0/0/0).

“That Director Johnson serve as Chair for the year 2020.”

(Aye-Eldridge, Griffith, Kilburn, Moritz/Nay-0/Abstain-Johnson/Absent-0)

Nominations for the office of Treasurer for the year 2020 were opened.

Director Griffith nominated Director Kilburn, who refused the nomination.

Director Kilburn nominated director Griffith, who refused the nomination.

It was motioned/seconded/carried-(Kilburn/Eldridge-5/0/0/0).

“That Director Moritz serve as Treasurer for the year 2020.”

(Aye-Eldridge, Griffith, Johnson, Kilburn, Moritz/Nay-0/Abstain-0/Absent-0)

Nominations for the office Secretary for the year 2020 were opened.

It was motioned/seconded/carried-(Eldridge/Griffith-5/0/0/0).

“That Director Kilburn serve as Secretary for the year 2020.”

(Aye-Eldridge, Griffith, Johnson, Kilburn, Moritz/Nay-0/Abstain-0/Absent-0)

11. DIRECTOR REPORTS AND/OR COMMENTS: The Chair asked if the General Manager’s evaluation form was prepared. The General Manager said that he would distribute it separate from the meeting. The Chair said that along with the evaluation form, Mel would be distributing to the board members a copy of the General Manager’s goals and objectives for year 2019. He asked the board to review the materials and prepare a draft evaluation form to bring to the January meeting. There will be a closed session to discuss the General Manager’s evaluation and a closed session in February. It is the Chair’s goal to finalize the evaluation in the closed session in February. Director Kilburn stated that the customer who was affected by the pipe break on Mesaloe Lane is working with the insurance company, and so far, so good. The General Manager added that there has been no conclusion because the customer has not provided all the information requested by the adjuster. They are close to a resolution.

Director Griffith suggested that the District investigate the number of cars being parked on the property near the gate and Brown Well and hang a no parking/tow away sign on the driveway and the site. The General Manager said that he will see if it is a continuing problem and take appropriate action.

12. CALENDAR: The next meeting will be January 21st.

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13. ADJOURNMENT: It was motioned/seconded/carried-(Eldridge/Griffith-5/0/0/0):

“That the Board adjourns the meeting.”

The meeting was adjourned at 4:11 pm.

Prepared by:

Bernadette Allen, Office Manager/Board Secretary

Reviewed and submitted by,

Melvin L. Matthews

Melvin L. Matthews

General Manager

DRAFT

Kinneloa Irrigation District
Income Statement for the Twelve Months Ending December 31, 2019

	Current Month Actual	Current Month Budget	Current Month Variance	Year to Date Actual	Year to Date Budget	Year to Date Variance
Revenues						
4000 Water Sales	84,537.19	112,000.00	(27,462.81)	1,515,910.52	1,500,000.00	15,910.52
4015 Wholesale Water Sales	42,412.90	30,000.00	12,412.90	97,182.94	85,000.00	12,182.94
4020 Service/Installation Charges	13,090.35	833.37	12,256.98	23,518.54	10,000.00	13,518.54
4035 Interest-Reserve Fund	3,280.80	1,250.00	2,030.80	45,752.39	15,000.00	30,752.39
4070 Misc. Income	0.00	0.00	0.00	5,969.27	0.00	5,969.27
Total Revenues	143,321.24	144,083.37	(762.13)	1,688,333.66	1,610,000.00	78,333.66
Expenses						
5000 Leased Water Rights	0.00	0.00	0.00	63,135.00	63,135.00	0.00
5005 Electricity	10,683.26	12,000.00	(1,316.74)	122,047.78	125,000.00	(2,952.22)
5010 Maintenance/Repair Supplies	5,728.59	2,083.37	3,645.22	52,443.94	25,000.00	27,443.94
5011 Material and Labor for Install	0.00	833.37	(833.37)	0.00	10,000.00	(10,000.00)
5012 Safety Equipment	0.00	133.37	(133.37)	1,956.42	1,600.00	356.42
5015 Operations Labor	17,156.52	16,533.37	623.15	192,070.79	198,400.00	(6,329.21)
5016 Operations OT	1,090.32	750.00	340.32	19,434.94	9,000.00	10,434.94
5020 Stand-by Compensation	1,050.00	912.50	137.50	10,830.00	10,950.00	(120.00)
5022 Training/Certification	350.22	133.37	216.85	1,265.22	1,600.00	(334.78)
5025 Water Treatment/Analysis	1,326.37	1,833.37	(507.00)	24,007.59	22,000.00	2,007.59
5030 Maintenance/Repair Contractors	10,209.98	10,416.63	(206.65)	164,782.48	125,000.00	39,782.48
5034 Equipment Maintenance	0.00	1,041.63	(1,041.63)	20,228.24	12,500.00	7,728.24
5035 Vehicle Maintenance	2,139.53	833.37	1,306.16	11,683.21	10,000.00	1,683.21
5036 Fuel	1,261.82	1,250.00	11.82	14,665.14	15,000.00	(334.86)
5040 Equipment Rental	0.00	500.00	(500.00)	0.00	500.00	(500.00)
5045 Insurance-Workers Comp.	5,160.16	2,660.00	2,500.16	24,574.00	12,000.00	12,574.00
5046 Insurance-Liability	1,294.79	1,333.37	(38.58)	14,717.87	16,000.00	(1,282.13)
5048 Insurance-Property	171.83	208.37	(36.54)	1,464.48	2,500.00	(1,035.52)
5049 Insurance-Medical	7,349.40	6,375.00	974.40	84,051.34	76,500.00	7,551.34
6000 Engineering Services	4,240.00	3,958.37	281.63	26,916.50	47,500.00	(20,583.50)
6005 Watermaster Services	880.33	1,000.00	(119.67)	10,567.00	12,000.00	(1,433.00)
6015 Administrative Salary	11,489.02	12,333.37	(844.35)	137,868.24	148,000.00	(10,131.76)
6017 Administrative Travel	125.91	250.00	(124.09)	1,060.06	3,000.00	(1,939.94)
6020 Board Compensation	300.00	466.63	(166.63)	5,000.00	5,600.00	(600.00)
6021 Administrative & Board Exp.	0.00	83.37	(83.37)	237.61	1,000.00	(762.39)
6022 Board of Directors Election	0.00	12,500.00	(12,500.00)	0.00	12,500.00	(12,500.00)
6024 Customer/Public Info. Prog.	200.00	166.63	33.37	1,421.95	2,000.00	(578.05)
6025 PERS - KID	2,831.17	3,000.00	(168.83)	32,135.63	36,000.00	(3,864.37)
6030 Social Security - KID	2,315.29	2,416.63	(101.34)	27,638.50	29,000.00	(1,361.50)
6031 Medicare - KID	568.08	516.63	51.45	6,490.55	6,200.00	290.55
6035 Office/Computer Supplies	46.42	583.37	(536.95)	6,823.40	7,000.00	(176.60)
6036 Postage/Delivery	340.40	416.63	(76.23)	4,708.28	5,000.00	(291.72)
6040 Professional Dues	1,154.49	1,000.00	154.49	13,984.38	12,000.00	1,984.38
6045 Legal Services	0.00	1,250.00	(1,250.00)	9,251.61	15,000.00	(5,748.39)
6050 Telephone	364.11	375.00	(10.89)	4,352.66	4,500.00	(147.34)
6051 Mobile Telephone	20.68	125.00	(104.32)	772.97	1,500.00	(727.03)

Kinneloa Irrigation District
Income Statement for the Twelve Months Ending December 31, 2019

	Current Month Actual	Current Month Budget	Current Month Variance	Year to Date Actual	Year to Date Budget	Year to Date Variance
6052 Pagers	34.74	41.63	(6.89)	451.69	500.00	(48.31)
6053 Internet Service	69.99	83.37	(13.38)	783.76	1,000.00	(216.24)
6059 Computer Software Maintenance	689.94	1,000.00	(310.06)	6,971.25	12,000.00	(5,028.75)
6061 Office Equipment Maintenance	386.55	83.37	303.18	747.89	1,000.00	(252.11)
6065 Accounting Services	0.00	0.00	0.00	7,100.00	7,000.00	100.00
6070 Office & Accounting Labor	9,021.00	8,045.87	975.13	92,911.75	96,550.00	(3,638.25)
6075 Professional/Contract Services	2,081.25	2,333.37	(252.12)	30,971.72	28,000.00	2,971.72
6080 Administrative Fees	795.83	750.00	45.83	9,462.85	9,000.00	462.85
6081 Permits/Fees	1,331.41	1,250.00	81.41	8,752.50	15,000.00	(6,247.50)
6086 Taxes - Sales	0.00	0.00	0.00	38.90	500.00	(461.10)
6088 Interest Expense	0.00	0.00	0.00	64,800.74	66,628.00	(1,827.26)
6120 Bank Service Charges	895.94	541.63	354.31	7,677.19	6,500.00	1,177.19
Total Expenses	105,155.34	114,401.96	(9,246.62)	1,343,258.02	1,328,163.00	15,095.02
Net Income	38,165.90	29,681.41	8,484.49	345,075.64	281,837.00	63,238.64
Other Expenditures						
1509 Wilcox Well/Wilcox Booster	0.00	52,000.00	(52,000.00)	0.00	52,000.00	(52,000.00)
1511 WaterTreatment Plant	2,486.74	4,000.00	(1,513.26)	4,237.54	6,000.00	(1,762.46)
1512 Water Meters	2,111.37	3,000.00	(888.63)	8,106.38	9,000.00	(893.62)
1513 Electrical/Electronic Equip.	0.00	5,000.00	(5,000.00)	0.00	5,000.00	(5,000.00)
1514 Computer/Office Equipment	0.00	4,000.00	(4,000.00)	716.49	5,000.00	(4,283.51)
1516 Water Company Facilities	0.00	20,000.00	(20,000.00)	0.00	20,000.00	(20,000.00)
1527 SCADA Equipment	0.00	0.00	0.00	42,260.42	51,000.00	(8,739.58)
2400 Installment Purchase Agreement	0.00	0.00	0.00	135,401.22	133,574.00	1,827.22
Total Other Expenditures	4,598.11	88,000.00	(83,401.89)	190,722.05	281,574.00	(90,851.95)
Total Increase or (Drawdown)	33,567.79	(58,318.59)	91,886.38	154,353.59	263.00	154,090.59

Kinneloa Irrigation District Balance Sheet as of December 31, 2019

ASSETS

Current Assets

1010	Checking-Wells Fargo Bank	\$ 368,703.18
1012	Reserve Fund-LAIF	125,623.40
1014	Reserve Fund-CalTRUST	1,719,990.08
1015	Unrealized Gain(Loss)-CalTRUST	(13,117.23)
1016	Accrued Interest-LAIF	721.67
1100	Accts. Receivable-Water Sales	43,879.68
1101	Accts. Receiv.-Service Charges	494.19
1113	Employee Loans	903.35
1190	Allowance for Bad Debts	(771.48)
1200	Inventory	20,000.00
1340	Accrued Water Sales	128,279.30
1350	Prepaid Insurance	11,137.64
1360	Prepaid Expenses	29,793.38

Total Current Assets

2,435,637.16

Property and Equipment

1501	Water Rights	52,060.41
1503	Land Sites	96,700.08
1504	Water Mains	3,584,517.77
1505	Water Tunnels	729,074.60
1506	K-3 Well	89,543.06
1507	Improvement District #1	602,778.12
1508	Mountain Property	6,620.00
1509	Wilcox Well/Wilcox Booster	94,030.98
1510	Interconnections	14,203.27
1511	Water Treatment Plant	191,625.82
1512	Water Meters	112,592.71
1513	Electrical/Electronic Equip.	256,918.72
1514	Computer/Office Equipment	75,922.12
1515	Vehicles & Portable Equipment	242,548.91
1516	Water Company Facilities	70,422.20
1517	KID Office	54,741.36
1518	Shaw Ranch	280,789.92
1519	Dove Creek Project	487,383.87
1520	Glen Reservoir/Booster	24,190.86
1521	Kinneloa Ridge Project	690,492.58
1522	Eucalyptus Booster Station	532,342.43
1526	Vosburg Booster	1,647,215.66
1527	SCADA Equipment	350,158.34
1528	Tanks and Reservoirs	119,491.90
1529	Holly Tanks	181,113.76
1530	Tools	6,273.13
1600	Accum. Depreciation	(4,926,201.76)

Total Property and Equipment

5,667,550.82

Other Assets

1901	PERS-Deferred Outflows	99,141.00
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Total Assets

\$ 8,202,328.98

Kinneloa Irrigation District
Balance Sheet as of December 31, 2019

LIABILITIES AND CAPITAL

Current Liabilities

2000	Accounts Payable	\$ 32,192.24	
2272	Job Deposits	900.00	
2275	Deposits-Water Customers	255.02	
2290	Accrued Vacation	19,935.60	
	Total Current Liabilities		53,282.86

Long-Term Liabilities

2400	Installment Purchase Agreement	1,733,076.13	
2801	PERS- Net Liability	255,916.96	
2901	PERS- Deferred Inflows	36,648.00	
	Total Long-Term Liabilities		2,025,641.09
	Total Liabilities		2,078,923.95

Capital

3040	Fund Balance	5,778,329.39	
	Net Income	345,075.64	
	Total Capital		6,123,405.03
	Total Liabilities & Capital		\$ 8,202,328.98

Kinneloa Irrigation District
Statement of Cash Flow
For the Twelve Months Ended December 31, 2019

	Current Month	Year to Date
Cash Flows from Operating Activities		
Net Income	\$ 38,165.90	\$ 345,075.64
<i>Adjustments to reconcile net income to net cash provided by operating activities</i>		
1100 Accts. Receivable-Water Sales	7,404.43	6,161.49
1101 Accts. Receiv.-Service Charges	(82.18)	(230.35)
1102 Accts. Receiv.-Wholesale Water	7,722.30	0.00
1113 Employee Loans	50.19	(903.35)
1340 Accrued Water Sales	32,187.65	6,382.98
1350 Prepaid Insurance	1,466.62	(1,417.16)
1360 Prepaid Expenses	434.80	(8,348.56)
2000 Accounts Payable	(26,835.28)	(3,052.06)
2272 Job Deposits	(12,436.27)	0.00
	<hr/>	<hr/>
Total Adjustments	9,912.26	(1,407.01)
	<hr/>	<hr/>
Net Cash Provided by Operations	48,078.16	343,668.63
 Cash Flows from Investing Activities		
<i>Used for</i>		
1511 Water Treatment Plant	(2,486.74)	(4,237.54)
1512 Water Meters	(2,111.37)	(8,106.38)
1514 Computer/Office Equipment	0.00	(716.49)
1527 SCADA Equipment	0.00	(42,265.68)
	<hr/>	<hr/>
Net Cash Used in Investing	(4,598.11)	(55,326.09)
 Cash Flows from Financing Activities		
<i>Proceeds from</i>		
<i>Used for</i>		
2400 Installment Purchase Agreement	0.00	(135,401.22)
2801 PERS- Net Liability	(1,436.25)	(15,411.78)
	<hr/>	<hr/>
Net Cash Used in Financing	(1,436.25)	(150,813.00)
	<hr/>	<hr/>
Net Increase (Decrease) in Cash	\$ 42,043.80	\$ 137,529.54
 Summary		
Cash Balance at End of Period	\$ 2,201,921.10	\$ 2,201,921.10
Cash Balance at Beg. of Period	(2,159,877.30)	(2,064,386.30)
	<hr/>	<hr/>
Net Increase (Decrease) in Cash	\$ 42,043.80	\$ 137,534.80
	<hr/>	<hr/>

Kinneloa Irrigation District
Net Income Statement for Years Ending December 31, 2019 and December 31, 2018

	Year of 2019	Percentage	Year of 2018	Percentage
Revenues				
4000 Water Sales	\$ 1,515,910.52	89.79	\$ 1,579,233.20	92.09
4015 Wholesale Water Sales	97,182.94	5.76	92,049.25	5.37
4020 Service/Installation Charges	23,518.54	1.39	19,449.48	1.13
4035 Interest-Reserve Fund	45,752.39	2.71	13,250.04	0.77
4070 Misc. Income	5,969.27	0.35	10,844.53	0.63
Total Revenues	1,688,333.66	100.00	1,714,826.50	100.00
Expenses				
5000 Leased Water Rights	63,135.00	3.74	63,135.00	3.68
5005 Electricity	122,047.78	7.23	127,199.07	7.42
5010 Maintenance/Repair Supplies	52,443.94	3.11	35,425.46	2.07
5011 Material and Labor for Install	0.00	0.00	1,480.77	0.09
5012 Safety Equipment	1,956.42	0.12	362.46	0.02
5015 Operations Labor	192,070.79	11.38	168,868.83	9.85
5016 Operations OT	19,434.94	1.15	8,123.32	0.47
5020 Stand-by Compensation	10,830.00	0.64	7,350.00	0.43
5022 Training/Certification	1,265.22	0.07	850.00	0.05
5025 Water Treatment/Analysis	24,007.59	1.42	22,540.17	1.31
5030 Maintenance/Repair Contract	164,782.48	9.76	114,815.85	6.70
5034 Equipment Maintenance	20,228.24	1.20	9,001.91	0.52
5035 Vehicle Maintenance	11,683.21	0.69	8,218.97	0.48
5036 Fuel	14,665.14	0.87	11,711.64	0.68
5045 Insurance-Workers Comp.	24,574.00	1.46	14,299.97	0.83
5046 Insurance-Liability	14,717.87	0.87	14,285.01	0.83
5048 Insurance-Property	1,464.48	0.09	1,766.53	0.10
5049 Insurance-Medical	84,051.34	4.98	77,370.20	4.51
6000 Engineering Services	26,916.50	1.59	4,770.00	0.28
6005 Watermaster Services	10,567.00	0.63	10,740.48	0.63
6015 Administrative Salary	137,868.24	8.17	134,291.48	7.83
6017 Administrative Travel	1,060.06	0.06	1,399.33	0.08
6020 Board Compensation	5,000.00	0.30	5,000.00	0.29
6021 Administrative & Board Exp.	237.61	0.01	0.00	0.00
6022 Board of Directors Election	0.00	0.00	81.28	0.00
6024 Customer/Public Info. Prog.	1,421.95	0.08	1,688.06	0.10
6025 PERS - KID	32,135.63	1.90	(146,549.73)	(8.55)
6030 Social Security - KID	27,638.50	1.64	24,807.39	1.45
6031 Medicare - KID	6,490.55	0.38	5,837.31	0.34
6035 Office/Computer Supplies	6,823.40	0.40	6,406.21	0.37
6036 Postage/Delivery	4,708.28	0.28	2,883.46	0.17
6040 Professional Dues	13,984.38	0.83	10,644.00	0.62
6045 Legal Services	9,251.61	0.55	8,425.29	0.49
6050 Telephone	4,352.66	0.26	4,275.69	0.25
6051 Mobile Telephone	772.97	0.05	919.93	0.05
6052 Pagers	451.69	0.03	340.46	0.02
6053 Internet Service	783.76	0.05	1,204.96	0.07
6059 Computer Software Maintena	6,971.25	0.41	14,832.25	0.86
6061 Office Equipment Maintenan	747.89	0.04	0.00	0.00
6065 Accounting Services	7,100.00	0.42	6,750.00	0.39
6070 Office & Accounting Labor	92,911.75	5.50	93,934.02	5.48
6075 Professional/Contract Servic	30,971.72	1.83	28,996.19	1.69
6080 Administrative Fees	9,462.85	0.56	8,470.07	0.49
6081 Permits/Fees	8,752.50	0.52	7,307.92	0.43
6086 Taxes - Sales	38.90	0.00	84.00	0.00
6088 Interest Expense	64,800.74	3.84	71,289.66	4.16
6120 Bank Service Charges	7,677.19	0.45	6,545.70	0.38
Total Expenses	1,343,258.02	79.56	1,002,180.57	58.44
Net Income	345,075.64	20.44	712,645.93	41.56

Kinneloa Irrigation District
Check Register
For the Period from December 1, 2019 to December 31, 2019

Date	Check #	Payee	Amount	Description
12/9/19	EFT4127	CA Public Employees Ret. Sys.	5,136.57	employer & employee retirement contributions
12/9/19	EFT4128	Century Business Solutions	348.71	credit card processing fee
12/9/19	EFT4129	Southern California Edison Co.	20,215.80	electricity 12 sites, K3 Aug-Oct, PCIC Oct
12/9/19	EFT4130	Spectrum	359.10	phone and internet
12/9/19	9283	ACWA/JPIA	8,278.40	employee health benefits
12/9/19	9284	Bernadette Allen	19.60	mileage reimbursement
12/9/19	9285	AmeriPride Services	78.40	shop rag service
12/9/19	9286	ASCO Power Services Inc	2,915.26	Wilcox Res ATC repair
12/9/19	9287	Badger Meter Inc	2,111.37	transponders
12/10/19	9293	Civiltec Engineering, Inc.	740.00	fire flow test Fairpoint
12/10/19	9294	De Nora Water Technologies, Inc.	323.58	temperature level switch for K-3 Cl2 genr.
12/10/19	9295	Underground Service Alert	33.10	digalert
12/10/19	9296	Dig Safe Board	16.81	California state fee for regulatory costs
12/10/19	9297	Eurofins Eaton Analytical, Inc.	237.60	water sample analysis
12/10/19	9298	Foothill Municipal Water District	795.83	administrative fee
12/10/19	9299	Generator Services Co.	8,386.03	Wilcox Res generator repair
12/10/19	9300	Matt Chlor Inc.	181.73	maintenance supplies
12/10/19	9301	McMaster Carr	598.65	maintenance supplies
12/10/19	9302	Red Supply	96.36	tools
12/10/19	9303	Ultimate Cleaning Solutions, Inc.	75.00	janitorial service
12/10/19	9304	Ueware, Inc.	4,420.00	billing software annual fee
12/10/19	9305	Utility Service Co., Inc.	5,001.90	tank maintenance agreement
12/10/19	9306	Western Water Works	2,286.84	maintenance supplies
12/10/19	9307	Western Water Works	897.56	maintenance supplies
12/10/19	9308	Western Water Works	2,460.00	maintenance supplies
12/15/19	EFT4131	Bernadette C. Allen	1,440.17	salary
12/15/19	EFT4132	Joel D. Bundy	1,450.09	salary
12/15/19	EFT4133	Christopher A. Burt	2,461.19	salary
12/15/19	EFT4134	Brian L. Fry	1,632.85	salary
12/15/19	EFT4135	Melvin L. Matthews	3,906.08	salary
12/15/19	EFT4136	Juan R. Tello	1,549.26	salary
12/15/19	EFT4137	Christopher A. Burt	150.00	salary
12/15/19	EFT4138	Automatic Data Processing, Inc.	4,926.10	payroll taxes and withholdings
12/17/19	EFT4139	Automatic Data Processing, Inc.	179.88	payroll processing fees
12/17/19	EFT4140	Arco Gaspro Plus	1,261.82	fuel for trucks
12/17/19	EFT4141	VeriCheck, Inc.	178.87	echeck processing fee
12/17/19	EFT4142	Pasadena Municipal Services	1,822.31	power for Wilcox Well
12/17/19	9309	BrightView Landscape Services, I	1,490.00	landscape service
12/17/19	9310	Byrd Industrial Electronics	1,464.72	site communications work orders
12/17/19	9311	Eurofins Eaton Analytical, Inc.	52.80	water sample analysis

Kinneloa Irrigation District
Check Register
For the Period from December 1, 2019 to December 31, 2019

Date	Check #	Payee	Amount	Description
12/17/19	9312	Matt Chlor Inc.	2,486.74	Eucalyptus CL2 upgrade
12/17/19	9313	Melvin L. Matthews	90.19	mileage reimbursement
12/17/19	9314	SWRCB Accounting Office	3,874.20	small water system annual fees
12/17/19	9315	Thomas Majich	112.62	customer deposit refund
12/30/19	EFT4143	Automatic Data Processing, Inc.	87.58	payroll processing fees
12/30/19	EFT4144	American Messaging Services, LI	34.74	pager service
12/30/19	EFT4145	AT&T Mobility	124.08	FirstNet phone service
12/30/19	EFT4146	Athens Services	215.69	trash pickup
12/30/19	EFT4147	Century Business Solutions	15.00	credit card processing fee
12/30/19	EFT4148	Umpqua Bank	5,771.88	credit card - see attached detail
12/30/19	9316	CARB/PERP	845.00	generator registration renewal fee
12/30/19	9317	AmeriPride Services	78.40	shop rag service
12/30/19	9318	Joel Bundy	41.64	mileage reimbursement
12/30/19	9319	Byrd Industrial Electronics	372.36	Sage comm work order
12/30/19	9320	Civiltec Engineering, Inc.	4,240.00	Brown/Glen replacement pipeline project
12/30/19	9321	Clinical Laboratory of San Bernar	24.00	water sample analysis
12/30/19	9322	Eurofins Eaton Analytical, Inc.	105.60	water sample analysis
12/30/19	9323	Brian Fry	125.17	reimbursement for truck expenses
12/30/19	9324	McMaster Carr	200.73	maintenance supplies
12/30/19	9325	Perry Thomas Construction Co., I	3,371.00	valve replacement at West tank and Sage tank
12/30/19	9326	Western Water Works	1,713.04	maintenance supplies
12/31/19	EFT4149	Bernadette C. Allen	1,685.69	salary
12/31/19	EFT4150	Joel D. Bundy	1,651.01	salary
12/31/19	EFT4151	Christopher A. Burt	3,723.98	salary
12/31/19	EFT4152	Timothy J. Eldridge	92.35	salary
12/31/19	EFT4153	Brian L. Fry	2,209.53	salary
12/31/19	EFT4154	Francis J. Griffith	92.35	salary
12/31/19	EFT4155	Melvin L. Matthews	3,870.60	salary
12/31/19	EFT4156	Juan R. Tello	1,678.45	salary
12/31/19	9327	Gerrie G. Kilburn	92.35	salary
12/31/19	EFT4157	Christopher A. Burt	150.00	salary
12/31/19	EFT4158	Automatic Data Processing, Inc.	6,676.32	payroll taxes and withholdings
Total			<u>135,832.63</u>	

* Gap in check sequence: checks 9288 - 9292 damaged by printer and were not assigned.

**Credit Card Detail Umpqua Bank
November 2019**

(Expenses incurred/billed in November and due/paid in December)

Acct. No.	Account Description	Additional Description	MLM	CAB	BLF	JDB	BCA	JRT	TOTAL
1514	Computer/Office Equip.								\$0.00
5010	Maintenance Supplies	battery charger, paint, blow off parts, generator filter repair kits, cpvc caddy, battery, storage case, tool organizer, padlocks; tarp, stepladder, paint, painting supplies		\$2,185.77	\$241.16				\$2,426.93
5012	Safety Equipment								\$0.00
5022	Training/Certification								\$0.00
5025	Water Treatment/Analysis	salt crystals			\$896.97				\$896.97
5035	Vehicle Maintenance	2008-2 truck bed light replacement; 2008-2 tires		\$54.88	\$998.85				\$1,053.73
5036	Fuel								\$0.00
6017	Adm. Travel								\$0.00
6021	Adm. & Bd. Exp.								\$0.00
6035	Office/Computer Supplies	printer toner, backup battery, 1099 forms; paper towels, tissues, clipboards, paper, wall calendar, glue; snacks	\$774.57			\$135.15	\$22.73		\$932.45
6036	Postage/Delivery	stamps					\$386.80		\$386.80
6040	Professional Dues								\$0.00
6050	Telephone	answering service	\$75.00						\$75.00
6051	Mobile Phone								\$0.00
6053	Internet Service								\$0.00
6059	Computer/Software Maint.								\$0.00
6061	Office Equipment Maint.								\$0.00
6075	Outside Services								\$0.00
6081	Permits/Fees								\$0.00
TOTAL			\$849.57	\$2,240.65	\$2,136.98	\$135.15	\$409.53	\$0.00	\$5,771.88

General Manager's Report for the Board of Directors Meeting on January 21, 2020

I. Customer Account Information and Internet Usage

A. Delinquent Accounts –

- 21 accounts received past-due notice
- 21 accounts received late charges in the total amount of \$354.52
- 4 accounts received door hanger shut off notice
- 0 account was shut off for non-payment
- 0 account remain shut off for non-payment

B. Aged Receivables –

Month	Current	30 days	60 days	90 days or greater	Total
January	\$19,576.69	\$3,491.39	\$0.00	\$0.00	\$23,068.08
February	\$32,588.72	\$4,502.38	\$381.98	\$0.00	\$37,473.08
March	\$18,623.41	\$2,023.53	\$64.12	\$59.92	\$20,770.98
April	\$35,258.88	\$1,661.07	\$247.83	\$124.04	\$37,291.82
May	\$29,629.02	\$1,897.19	\$98.82	\$216.54	\$31,841.57
June	\$30,403.95	\$3,358.89	\$0.00	\$0.00	\$33,762.84
July	\$36,644.36	\$2,775.65	\$0.00	\$0.00	\$39,420.01
August	\$42,059.76	\$1,383.85	\$0.00	\$0.00	\$43,443.61
September	\$46,553.77	\$2,574.86	\$0.00	\$0.00	\$49,128.63
October	\$60,921.43	\$4,985.08	\$264.23	\$0.00	\$66,170.74
November	\$54,389.42	\$5,897.73	\$492.72	\$0.00	\$60,779.87
December	\$39,429.62	\$4,242.43	\$207.63	\$0.00	\$43,879.68

C. Website Usage and Online Payments –

Month	Users	Page Views	Online Payments	Online Amount
January	227	657	76	\$19,881.25
February	171	414	58	\$10,629.13
March	226	457	77	\$12,350.13
April	196	483	61	\$9,696.11
May	223	517	66	\$14,734.69
June	231	465	64	\$12,255.22
July	183	397	71	\$17,881.28
August	224	621	82	\$22,512.60
September	249	661	69	\$17,427.71
October	202	548	78	\$21,966.42
November	*	*	82	\$23,583.46
December	*	*	77	\$18,103.56
Year to Date	2,132	5,220	861	\$201,021.56

* No data due to transition to new website

II. General Manager's Projects and Activities

A. **Water Main Improvement Projects** – Design work is in progress

B. **Truck Replacement** – Purchase order has been issued

C. **Advanced Meter Analytics** – Test is in progress

D. **Activities/Meetings/Webinars/Conferences**

Subject or Organization	Location	Start	End	Purpose/Notes/Action/Benefit
Staff Meetings	Office	Mondays 9:00 AM	Mondays 10:00 AM	<ul style="list-style-type: none"> • Tasks for the week • Projects -- current and future • Operations update • Customer service update • Operations update • GM update • Safety topic
ACWA	San Diego	Mon 12/2/2019 8:00 AM	Fri 12/6/2019 12:00 PM	<ul style="list-style-type: none"> • Conference theme was "Partnerships in Action" • Emphasis of educational sessions was on projects to enhance local supplies • Our Region 8 session was on the role of stormwater in regional water sustainability • I attended several other sessions including "Holding Successful Proposition 218 hearings" and "Urban Water Efficiency Targets"
PWAG - Board of Directors Meeting	Rowland Water District	Tue 12/10/2019 10:15 AM	Tue 12/10/2019 11:30 AM	<ul style="list-style-type: none"> • Organizing meeting for newly incorporated Public Water Agencies Group • I was elected as Treasurer
FMWD	La Canada	Mon 12/16/2019 3:00 PM	Mon 12/16/2019 5:00 PM	<ul style="list-style-type: none"> • Board meeting
KID	Office	Tue 12/17/2019 1:00 PM	Tue 12/17/2019 4:00 PM	<ul style="list-style-type: none"> • Board meeting
RBMB Special Meeting	Azusa	Thu 12/19/2019 1:30 PM	Thu 12/19/2019 3:00 PM	<ul style="list-style-type: none"> • Consideration of purchasing MWD replenishment water
Facility Tour	KID	Fri 12/20/2019 1:00 PM	Fri 12/20/2019 2:00 PM	<ul style="list-style-type: none"> • Tour for Director Moritz

III. Incident Reports and Facility Activities for December

A. Incident Reports

Customer Leak	System Leak	Water Waste	Water Quality	Customer Service*	Comments
1	2	0	0	2	System leak at Kinneloa Canyon Road and Brambling caused by tree root; Minor leak on Sierra Madre Villa caused by corrosion of fittings on old galvanized steel service line serving four houses.

* Customer service includes requests for water shutoff to facilitate customer plumbing repairs, leak tests and inquiries about water bills

B. Current and Completed Capital Improvement, Facilities Improvement, Maintenance and Repair Projects and Activities

1. Routine daily and monthly activities
 - a. Operator training
 - b. Meter and transmitter maintenance and replacement
 - c. Water samples
 - d. Vehicle and equipment maintenance and testing
 - e. Facility cleanup
 - f. Production meter readings
 - g. Chlorine generator maintenance
 - h. Meter reading
 - i. Customer service calls
 - j. Responding to Underground Service Alerts (USA's) to mark our pipelines

2. Facility and Equipment Repair and Maintenance for December
 - a. Repair leaking Cl2 feed line at Holly Tanks
 - b. Cleaned precipitate from Cl2 injector system for Far Mesa Tunnel at Glen Reservoir
 - c. Remove roots that were clogging Far Mesa Tunnel line
 - d. Replace batteries and display covers on production meters at High/Low Tunnel line, Vosburg and Glen Reservoirs
 - e. Replace Glen Booster motor

3. Completed Capital Improvement and Maintenance Projects
 - a. Inspection and cleanout of Eucalyptus and Wilcox Reservoirs
 - b. Repair leaks in Brown Reservoir
 - c. Replace 17 obsolete SCADA radios at all sites and install radio diagnostic program
 - d. Replace Glen Reservoir chlorination equipment
 - e. Install anti-slip treads to Vosburg warehouse stairs
 - f. Install advanced water meter analytics at 12 locations for cellular data collection test
 - g. Ordered replacement trucks

C. Future Capital Improvement Projects, Facilities Improvement, Maintenance and Repair Projects

1. Install additional shelving at Vosburg Warehouse and organize inventory of maintenance parts
2. Replace chlorination equipment at Eucalyptus Reservoir
3. Install solar panel, battery and charger for utility power backup at Transfer Valve and West Tank
4. Remove, replace and widen Office driveway and expand parking area
5. Replace 50 hp booster (motor and pump) and sandblast and paint pump stand at Wilcox Reservoir
6. Sierra Madre Villa and Villa Heights Pipeline Improvement Project (Design phase in progress)
7. Brown/Glen Pipeline Improvement Project (Design phase in progress)

IV. Water Supply Summary as of November for the Watermaster Year July 2019 through June 2020

Raymond Basin Groundwater (Acre Feet)		Kinneloa Irrigation District Water Tunnels (Acre Feet)	
Water Rights	516	Eucalyptus	4
Prior Year Carryover	52	Far Mesa	2
Less Temporary 30% Reduction in Water Rights	-155	Delores	1
Leases/Exchanges	0	House	0
Prior Year Spreading	88	Holly High/Low	4
Short Term Storage	128		
Current Year Spreading	0		
Total Allowable Extractions	629		
Less Water Extracted YTD This Watermaster Year	-325	Current Tunnel Monthly Production	11
Remaining Allowable Groundwater Extractions through June 2020	304	Remaining Estimated Tunnel Production through June 2020	77
Total Available Water Supply (Remaining Allowable Groundwater + Remaining Estimated Tunnel Production through June 2020)		381 Acre Feet	
Less Remaining Forecasted Retail Water Sales through June 2020		-293 Acre Feet	
Surplus Water through June 2020*		88 Acre Feet	

* This is the forecasted surplus water available for sale in the current year and/or carryover to the next Watermaster year which starts on July 1 subject to the carryover limits established by the Raymond Basin Management Board. Regarding the available surplus water, we will generally maximize the carryover to the next year and deliver the balance of the forecasted surplus water (if any) to the City of Pasadena. In the 2018-2019 year, 134 Acre-Feet were sold to the City, 52 Acre-Feet were carried over to 2019-2020 and 128 Acre-Feet were put into our short-term storage account. Although we may lease additional pumping rights from another agency with surplus pumping rights, this is not considered a guaranteed source of supply since it is subject to negotiation. In addition to the available water, the KID has 782 Acre Feet in a long-term storage account. Additions to long-term storage are no longer permitted but withdrawals can be made at any time to supplement allowable extractions. However, since long-term storage is considered by KID staff to be an emergency supply, we do not plan to use or sell this water now.

V. Water Samples and Test Results – See Attachment A

Attachment A

Water Samples and Test Results

Sample Date	Source or Distribution	Lab	Description	# of tests	Results**	Maximum Contaminant Level* (MCL)
01/04/19	Source	Weck	Title 22 DEHP	5	ND or A	4 ppb
01/04/19	Source	Weck	Title 22 nitrate	2	4.4 ppm	10 ppm
01/04/19	Source	Weck	Title 22 fluoride	5	1.1 - 2.7 ppm	3 ppm
01/08/19	Distribution	Clinical	color, odor, turbidity*	18	<MCL	15 units, 3 units, 5 units
01/08/19	Distribution	Clinical	fluoride	6	1.0 - 1.4 ppm	3 ppm
01/08/19	Both	Eurofins	coliform, e. coli	72	ND or A	1 positive sample
01/22/19	Both	Eurofins	coliform, e. coli	64	ND or A	1 positive sample
01/22/19	Source	Eurofins	coliform, e. coli	8	ND or A	1 positive sample
02/04/19	Source	Weck	Title 22 VOC	67	ND or A	1 positive sample
02/04/19	Source	Weck	Title 22 1,2,3 TCP	1	ND or A	0.005ppb
02/04/19	Source	Weck	Title 22 DEHP	1	ND or A	4ppb
02/04/19	Source	Weck	Title 22 nitrate	1	2.7ppm	10ppm
02/04/19	Source	Weck	Title 22 fluoride	1	2.3ppm	2ppm
02/04/19	Source	Weck	Title 22 Uranium	1	2.7pCi/L	20pCi/L
02/06/19	Both	Eurofins	coliform, e. coli	72	ND or A	1 positive sample
02/06/19	Both	Eurofins	coliform, e. coli	8	ND or A	1 positive sample
02/07/19	Distribution	Clinical	color, odor, turbidity*	18	<MCL	15 units, 3 units, 5 units
02/07/19	Both	Eurofins	coliform, e. coli	8	ND or A	1 positive sample
02/07/19	Both	Eurofins	coliform, e. coli	8	ND or A	1 positive sample
02/19/19	Both	Eurofins	coliform, e. coli	64	ND or A	1 positive sample
03/04/19	Both	Eurofins	coliform, e. coli	80	ND or A	1 positive sample
03/05/19	Distribution	Clinical	color, odor, turbidity*	18	<MCL	15 units, 3 units, 5 units
03/06/19	Both	Eurofins	coliform, e. coli	16	ND or A	1 positive sample
03/07/19	Both	Eurofins	coliform, e. coli	16	ND or A	1 positive sample
03/19/19	Both	Eurofins	coliform, e. coli	64	ND or A	1 positive sample
04/02/19	Distribution	Clinical	color, odor, turbidity*	18	<MCL	15 units, 3 units, 5 units
04/02/19	Distribution	Clinical	fluoride	6	1.2 - 1.6 ppm	3 ppm
04/02/19	Both	Eurofins	coliform, e. coli	80	ND or A	1 positive sample
04/04/19	Source	Weck	Title 22 fluoride	3	1.1 - 2.6 ppm	3 ppm
04/04/19	Source	Weck	Title 22 nitrate	2	0.8 - 4.4 ppm	10 ppm
04/04/19	Source	Weck	Title 22 1,2,3 TCP	4	ND	80 ppb
04/15/19	Both	Eurofins	coliform, e. coli	64	ND or A	1 positive sample
05/08/19	Distribution	Clinical	color, odor, turbidity*	18	<MCL	15 units, 3 units, 5 units
05/08/19	Both	Eurofins	coliform, e. coli	80	ND or A	1 positive sample
05/08/19	Distribution	Eurofins	coliform, e. coli	16	ND or A	1 positive sample
05/09/19	Distribution	Eurofins	coliform, e. coli	16	ND or A	1 positive sample
05/21/19	Both	Eurofins	coliform, e. coli	64	ND or A	1 positive sample
06/04/19	Distribution	Clinical	color, odor, turbidity*	18	<MCL	15 units, 3 units, 5 units
06/04/19	Both	Eurofins	coliform, e. coli	80	ND or A	1 positive sample
06/18/19	Both	Eurofins	coliform, e. coli	64	ND or A	1 positive sample
07/08/19	Distribution	Clinical	color, odor, turbidity*	18	<MCL	15 units, 3 units, 5 units
07/08/19	Both	Eurofins	coliform, e. coli	80	ND or A	1 positive sample

Attachment A

Water Samples and Test Results

Sample Date	Source or Distribution	Lab	Description	# of tests	Results**	Maximum Contaminant Level* (MCL)
07/19/19	Source	Weck	Title 22 fluoride	6	1.1 - 2.8	2 ppm
07/19/19	Source	Weck	Title 22 nitrate	2	4.1 - 4.3	10 ppm
07/23/19	Both	Eurofins	coliform, e. coli	64	ND or A	1 positive sample
07/25/19	Residences	Clinical	lead & copper***	20	ND-100ppb, ND-1.4ppm	15 ppb, 1.3 ppm
08/06/19	Both	Eurofins	coliform, e. coli	88	ND or A	1 positive sample
08/09/19	Distribution	Clinical	color, odor, turbidity*	18	<MCL	15 units, 3 units, 5 units
08/20/19	Both	Eurofins	coliform, e. coli	56	ND or A	1 positive sample
08/20/19	Residence	Clinical	lead & copper***	2	ND, 0.10ppm	15 ppb, 1.3 ppm
09/10/19	Distribution	Clinical	color, odor, turbidity*	18	<MCL	15 units, 3 units, 5 units
09/10/19	Both	Eurofins	coliform, e. coli	80	ND or A	1 positive sample
09/24/19	Both	Eurofins	coliform, e. coli	16	ND or A	1 positive sample
10/08/19	Distribution	Clinical	color, odor, turbidity*	18	<MCL	15 units, 3 units, 5 units
10/08/19	Distribution	Clinical	fluoride	6	1.0 - 1.4 ppm	3 ppm
10/08/19	Both	Eurofins	coliform, e. coli	72	ND or A	1 positive sample
10/08/19	Both	Eurofins	coliform, e. coli	16	ND or A	1 positive sample
10/08/19	Source	Weck	Title 22 fluoride	6	1.1 - 2.8	2 ppm
10/08/19	Source	Weck	Title 22 nitrate	2	4.2 - 4.3	10 ppm
10/22/19	Both	Eurofins	coliform, e. coli	56	ND or A	1 positive sample
11/06/19	Both	Eurofins	coliform, e. coli	80	ND or A	1 positive sample
11/07/19	Distribution	Clinical	color, odor, turbidity*	18	<MCL	15 units, 3 units, 5 units
11/29/19	Both	Eurofins	coliform, e. coli	64	ND or A	1 positive sample
12/03/19	Distribution	Clinical	color, odor, turbidity*	18	<MCL	15 units, 3 units, 5 units
12/03/19	Both	Eurofins	coliform, e. coli	80	ND or A, P	1 positive sample
12/05/19	Source	Eurofins	coliform, e. coli	16	ND or A	1 positive sample
12/06/19	Source	Eurofins	coliform, e. coli	16	ND or A	1 positive sample
12/17/20	Both	Eurofins	coliform, e. coli	64	ND or A	1 positive sample

Total samples: 2157

* Color, odor, and turbidity are regulated by a secondary standard to maintain aesthetic qualities.

** ppm = parts-per-million, ppb = parts-per-billion, pCi/L = picocuries per liter, <MCL = less than Maximum Contaminant Level, ND = not detected, A = Absence

*** In July 2019, 10 residences were tested for lead and copper at the tap. Copper was detected in 7 samples. lead was detected in 2 samples. The 90th percentile values for the District were below the lead action level of 15 ppb and below the copper action level of 1.3 ppm. One residence exceeded both the lead and copper action level. Inquiry revealed sample was taken at a new faucet bathroom tap that was used infrequently. Resample of residence at kitchen tap in August 2019 resulted in ND for lead and 0.10 ppm for copper.



Memo

Date: January 8, 2020
 To: Board of Directors
 From: Mel Matthews
 Subject: Capital Improvement Projects for 2020

Recommended Action: Approve projects described below

The updated project list which is attached to this memo shows completed projects, projects in progress and future projects on the planning horizon. The four projects listed in **RED** are recommended for approval at the January 21, 2020 Board meeting.

- **Install solar panel, battery and charger for utility power backup (Two locations)** – Two facilities (West Tank and Transfer Valve) have no backup power to operate valves when utility power fails or is turned off due to Public Safety Power Shutoff events. Although the SCADA equipment has batteries to maintain communications for a limited time, there is no ability to recharge these batteries for long-term outages or the needed capacity to operate the valves at these locations. This project will improve the emergency preparedness at these critical facilities.
- **Remove/replace and widen Kinneloa Irrigation District office driveway and expand parking area** – The original 1974 driveway is well beyond a simple repair. It continues to deteriorate to the point that it presents a safety problem for employees, customers and delivery vehicles and is a visual eyesore that does not project a positive image for the District's maintenance of its facilities. To correct this problem, it is necessary to completely remove and replace the pavement. This project will also allow us to widen the driveway and create a slightly larger parking area. The proposal is attached for your review.
- **Replace damaged portion of House Tunnel 2-inch PVC line with flexible food-grade hose** – The House Tunnel has been out of service for a considerable time due to no flow arriving at the Holly Tanks facility. The General Manager and Facilities Worker cleared a trail to the tunnel and inspected the line. A separation was found at a joint near the tunnel entrance and was repaired. However, upon returning down the trail, another separation was found in an inaccessible location where the pipeline crosses the canyon on a suspension cable. This project will replace approximately 300 feet of 2-inch PVC pipe with flexible food-grade hose. This repair method is like what has been done on other damaged tunnel lines and will return this valuable water supply to the system.

Kinneloa Irrigation District Capital Improvement and Maintenance Projects

Revised January 15, 2020

Project Number	Project Name	Project Description	Estimated Cost	Estimated Completion	Actual Completion	Actual Cost
153	Holly Tanks	Site improvements including: wall, pipe repl., burial, paving and storm drain	750,000			
152	K-3 Well	Repair concrete floor and vault walls; waterproof floor	10,000			
151	Sage Tanks	Repair and waterproof concrete floor	7,500			
150	Reservoir Inspection	Video inspection of concrete reservoirs (every 5-6 years)	10,000			
149	Pump & Motor Maint.	Future - next 7 years - Sage Boosters B1 and B2, K-3 Well, and Wilcox Well	100,000			
148	Water Main Replacement	Various projects identified in Water System Master Plan	2,955,000			
147	Water Meter Replacement	Annual replacement of old meters and radio endpoints	10,000			
146	Holly Tanks	Remove dirt behind Holly-East	4,125			
145	Facility Maintenance	Annual facility painting program	10,000			
144	Facility Maintenance	Annual maintenance of facility driveways (see below for specific project)	10,000			
143	Holly Booster Sta.-Repurpose	Remove pumps, install 4" Cla-val, fittings, valve, meter; reprogram SCADA	20,000			
142	Tank Maintenance	Steel tank maintenance (annually per agreement with Utility Services Co.)	55,890			
141	Water Main Replacement	Brown- Glen Pipeline Replacement Project	600,000			
140	Water Main Improvement	East Tank Connector Pipeline	300,000			
139	Wilcox Reservoir	Replace 50 hp booster (motor and pump) and sandblast and paint pump stand	52,000			
138	House Tunnel	Replace damaged section of 2 "PVC line with flexible food-grade hose	10,000			
137	West Tank	Install solar panel, battery and charger for utility power backup	7,000			
136	Transfer Valve	Install solar panel, battery and charger for utility power backup	7,000			
135	Facility Maintenance	Remove/replace and widen Office driveway and expand parking area	33,800			
TOTAL Initial Projects for 2020 (Subject to available cash reserves, manpower and management resources)			57,800			
TOTAL Projects on the Planning Horizon			4,952,315			
Future Projects ↑ (Not in priority order)						

Previous Projects ↓ (Includes projects in progress)						
Project Number	Project Name	Project Description	Estimated Cost	Estimated Completion	Actual Completion	Actual Cost
134	Project Engineering	Pipeline Design Engineering Services for 2019	40,000	12/31/2019	12/31/2019	39,583
133	Reservoir Inspection	Inspection and cleanout of Eucalyptus and Wilcox Reservoirs	5,000	12/31/2019	3/31/2019	8,250
132	Vosburg Warehouse	Install additional shelving, add anti-slip covers to stairs and other safety items	15,000	12/31/2019	12/31/2019	1,956
131	Water Treatment	Replace Eucalyptus Tunnel chlorination equipment	7,500	12/31/2019	12/31/2019	612
130	Brown Reservoir	Repair leaks due to cracked concrete that is causing root penetration	15,340	3/31/2019	4/15/2019	11,505
129	Vehicle Replacement	Replace 1996 Chevrolet and 1999 Ford pickups with new pickups and accessory equip	90,000	12/31/2019	12/31/2019	72,406
128	SCADA Radios	Replace 17 obsolete radios at all sites and install radio diagnostic program	43,000	3/31/2019	3/31/2019	42,260
127	AMA Water Meter Test	Advanced Meter Analytics (Hardware/software for cellular data collection test)	5,000	6/30/2019	9/30/2019	5,995
126	Water Treatment	Replace Chlorination Building and Uniclor unit at Glen and Eucalyptus	12,000	6/30/2019	6/1/2019	1,751
125	Computer Equipment	Purchase Customer Service Computer/Repurpose old computer for operations staff	800	2/1/2018	2/1/2018	794

Kinneloa Irrigation District Capital Improvement and Maintenance Projects

Revised January 15, 2020

Project Number	Project Name	Project Description	Estimated Cost	Estimated Completion	Actual Completion	Actual Cost
124	Customer Internet Portal	Upgrade "My Account" customer portal with new features including usage history	5,995	5/1/2018	5/31/2018	5,995
123	Computer Equipment	Replace Customer Billing System Server and Transfer Software	1,400	12/31/2018	1/16/2018	1,367
122	Computer Equipment	Replace obsolete handheld computer and software used for meter reading	12,574	6/30/2018	6/30/2018	12,574
121	SCADA - HMI computer	Upgrade Wonderware; convert SCADA Alarm to Win 911, upgrade reports	30,000	6/30/2017	6/19/2018	29,853
120	High/Low Pressure Tunnel	Repair Flowmeter located at Holly Tanks	4,556	12/31/2017	11/3/2017	4,556
119	Delores Tunnel	Replace/Repair damaged line	7,000	12/31/2017	1/17/2017	5,216
118	Far Mesa Tunnel	Replace area drainpipe, replace valves	15,000	12/31/2017	10/18/2017	25,597
117	Paving Maintenance	Barhite Street (old service trench line)	3,000	6/20/2017	6/20/2017	3,000
116	Paving Maintenance	Villa Heights Road (portion in East Tank/West Tank project area)	32,200	1/15/2017	6/20/2017	32,200
115	Water Main Replacement	Sierra Madre Villa Avenue/Barhite Street Pipeline Project (KID portion)	184,245	7/26/2017	6/20/2017	184,245
114	SCADA HMI/Touch Panels	Upgrade Touch Panels - Vosburg Bst. Upgrade and Trending	4,000	12/31/2017	7/1/2017	8,027
113	SCADA HMI/Touch Panels	East Tank /West Tank pumping and Flo-loc operations	5,000	12/31/2016	1/6/2017	7,296
112	SCADA Maint. and Upgrades	SCADA pack replace with SCADA pack 32 at 4 locations	9,000	12/31/2017	1/26/2017	15,212
111	East-West Pipeline	Construction cost	831,000	12/31/2016	4/30/2017	820,741
110	K-3 Well	Install air conditioner on VFD cabinet with disconnect switch and T-stat	7,000	12/31/2016	1/10/2017	6,695
109	Tank Maintenance	Steel tank maintenance (annually per agreement with Utility Services Co.)	52,273	12/31/2017	12/31/2017	52,707
108	Tank Maintenance	Steel tank maintenance (annually per agreement with Utility Services Co.)	49,141	12/31/2016	9/31/2016	49,141
107	Sage Tank	Purchase 72 KVA backup generator & cables for Sage Reservoir	20,000	3/31/2015	7/15/2016	20,465
106	East Tank	Clear dirt from back wall	17,000	12/31/2016	6/13/2016	14,474
105	SCADA Maint./Upgrades	Fairpoint interconnect, Vosburg pump station and other locations	12,000	3/31/2015	12/31/2015	10,722
104	Valve Replacement	Fire hydrant valve and isolation valve on E. Vosburg St.	13,200	3/31/2015	2/4/2015	15,156
103	Valve Replacement	8" mainline valve at Kinneloa Canyon Rd. and Brambling Lane	5,100	3/31/2015	2/19/2015	6,340
102	K-3 Well Cl2 Building	Install drain along edge of pad to prevent washout onto customer's property	4,700	12/31/2014	2/4/2015	4,671
101	Vosburg Reservoir	Purchase 72 KVA backup generator & cables for Vosburg Reservoir	20,000	6/17/2015	6/12/2015	19,075
100	Vosburg Pump Station	Replacement pump station and building	1,179,996	6/17/2015	1/21/2016	1,440,117
99	Tank Maintenance	Steel tank maintenance (annually per agreement with Utility Services Co.)	46,316	12/31/2015	12/31/2015	47,092
98	K-3 Well Cl2 Building	Install drain along edge of pad to prevent washout onto customer's property	4,700	12/31/2014	postponed	
97	Tank Maintenance	Steel tank maintenance (annually per agreement with Utility Services Co.)	46,316	12/31/2014	12/31/2014	47,092
96	Water Meters	Replacement or repair of production or customer meters	5,000	12/31/2014	10/31/2014	14,415
95	Tools	Valve and pipeline locating equipment	3,000	12/31/2014	10/31/2014	2,626
94	Computer/Office Equipment	Replacement of non-repairable or obsolete equipment	5,000	12/31/2014	10/31/2014	3,339
93	Facility Maintenance	Continuing facility maintenance and upgrades	12,000	12/31/2014	10/31/2014	16,286
92	Facility Electrical/Electronic	Incl. cell repeaters at 3 sites; Cl2 time clocks at 3 sites; arc flash compliance	25,000	12/31/2014	10/31/2014	13,496.81
91	Water Treatment	Replace programmable logic controller (PLC) for K-3 Cl2 generator	6,000	12/31/2014	10/31/2014	4,807.09
90	SCADA	Replace Sage touch screen; battery status at 6 sites; connect Wilcox AT switch	13,000	12/31/2014	10/31/2014	11,181.04
89	Wilcox Reservoir	Install automatic transfer switch and cleanup electrical panel	10,300	6/31/2014	10/31/2014	8,906.33

Kinneloa Irrigation District Capital Improvement and Maintenance Projects

Revised January 15, 2020

Project Number	Project Name	Project Description	Estimated Cost	Estimated Completion	Actual Completion	Actual Cost
88	Valve Testing/Maintenance	Valve/hydrant testing and maintenance agreement - Utility Services Co.	30,000	3/31/2014	10/31/2014	26,290
87	East-West Pipeline	Engineering services - plans & specifications & bid package	25,000	12/31/2014	11/14/2014	39,605
86	Vosburg Pump Station	Engineering services - plans & specifications & bid package	25,000	12/31/2014	12/31/2014	57,568
85	Water Meters/Trans.	Meter and transponder upgrades for radio reading (final phase)	32,000	12/31/2013	8/7/2013	25,226
84	East-West Pipeline	Addendum report to determine segment 3 prior to P&S	20,000	6/30/2013	10/4/2013	21,450
83	Pump & Motor Maint.	Eucalyptus P-2 booster	30,205	3/31/2013	1/31/2013	32,054
82	SCADA Upgrades	Convert PCIC facility to radio-based telemetry system	13,000	6/30/2013	3/11/2013	11,467
81	Vosburg Pump Station	Engineering services to do preliminary design report	14,215	6/30/2012	10/7/2013	7,895
80	Wilcox Well	Replace water depth measuring tube	7,500	6/30/2013	3/22/2013	10,544
79	East-West Pipeline	Final draft of preliminary design report	5,556	7/31/2012	7/31/2012	3,556
78	Cl2 Analyzer Upgrade	Add pH and temperature measurement at three additional sites	5,700	12/31/2012	postponed	0
77	Tank Maintenance	Tank maintenance provided by Utility Services Co. 2005-2013	495,226	per contract	12/31/2013	495,226
76	East Tank Pressure Zone	Valve replacement/additions and pipeline upgrade	17,098	6/30/2011	6/11/2011	17,098
75	K-3 Well VFD	Install Variable Frequency Motor Control	33,600	10/31/2011	11/29/2011	36,028
74	Windover/SMV Pipeline	Pipeline construction	544,300	6/30/2011	9/30/2011	671,612
73	Facility Electrical	On-going electrical work and upgrades at facilities	25,000	12/31/2011	12/1/2011	9,986
72	East-West Pipeline	Preliminary engineering and feasibility study/easements	15,000	12/31/2011	8/30/2011	9,444
71	K-3 Well	Lower pump and install flex motor coupling	15,000	3/31/2011	3/1/2011	12,615
70	SCADA Upgrades	On-going projects	15,000	12/31/2011	5/2/2011	7,604
69	Cl2 Analyzer Upgrade	Add pH and temperature measurement at three additional sites	5,700	12/31/2011	postponed	0
68	Pump & Motor Maint.	Pasadena Glen 25 hp	20,000	6/30/2011	2/1/2011	24,191
67	Pump & Motor Maint.	Wilcox Reservoir 75 hp	15,000	6/30/2010	3/31/2010	15,974
66	Pump & Motor Maint.	Eucalyptus P-1 booster	22,500	12/31/2010	7/14/2010	28,471
65	Cl2 Analyzer Upgrade	Add pH measurement at K-3 (Hi/Lo Tunnel postponed)	5,400	12/31/2010	5/11/2011	1,872
64	Wilcox Tree & Brush	Trim trees and clear brush for fire safety	7,500	6/30/2010	2/3/2010	2,186
63	Windover/SMV Pipeline	Plans and Specifications for replacement pipeline	25,000	12/30/2010	9/30/2010	17,074
62	Water Meters w/trans.	120 meter registers and transponders	21,000	12/31/2010	9/30/2010	33,799
61	SCADA Upgrades	SCADA upgrades at Wilcox, Eucalyptus, Sage and Glen	15,000	12/31/2010	9/30/2010	3,845
60	Wilcox Res. Trans. Switch	Install generator transfer switch at Wilcox Reservoir	8,575	6/30/2010	postponed	0
59	Generator #3	250 KW portable generator for Wilcox Reservoir	45,000	6/30/2010	6/20/2010	40,964
58	Brown Flo-Loc	Install Flo-Loc at Brown Reservoir	15,000	6/30/2010	7/19/2010	14,818
57	Facility SCADA	Install intrusion alarms at additional facilities	10,000	12/31/2009	12/31/2009	10,931
56	Facility Electrical	Electrical work and upgrades at facilities	22,125	12/31/2009	12/31/2009	6,424
55	Water Meters w/trans.	Water meter replacement	20,000	12/31/2009	7/31/2009	20,148
54	Generator #2	50 KW portable generator for Office	20,000	3/31/2009	2/5/2009	19,594
53	Office Trans. Switch	Install generator transfer switch at Office	5,824	3/31/2009	4/21/2009	5,420

Kinneloa Irrigation District Capital Improvement and Maintenance Projects

Revised January 15, 2020

Project Number	Project Name	Project Description	Estimated Cost	Estimated Completion	Actual Completion	Actual Cost
52	Facilities	Protective sealer for reservoir roofs/Facility maintenance	30,000	9/30/2009	8/31/2009	29,055
51	Mesa Pipeline Const.	Install replacement mains per Master Plan	568,500	6/30/2009	7/31/2009	401,538
50	Ranch Top Interconnect	Joint emergency interconnect project with Pasadena	10,000	7/31/2008	7/31/2008	0
49	Fairpoint Interconnect	Joint emergency interconnect project with Pasadena	50,000	6/30/2008	6/9/2008	50,367
48	Generator #1	50 KW portable generator for Glen Reservoir	20,000	8/31/2008	6/9/2008	19,257
47	Truck Replacement	Replace '89 truck with 1 ton with service body and lift gate	50,000	8/31/2008	9/16/2008	46,362
46	Brown SCADA	Install SCADA at Brown Reservoir	12,000	6/30/2008	6/9/2008	12,434
45	SCADA Software	Upgrade SCADA software to current version	15,000	6/30/2008	6/9/2008	14,753
44	Glen Transfer Switch	Install generator transfer switch at Glen Reservoir	8,065	3/31/2008	6/24/2008	10,665
43	Brown SCADA	Add solar power and SCADA to Brown Reservoir	12,000	6/30/2008	6/9/2008	12,434
42	Remote Meter Read	Purchase 60 transponders & registers	12,000	3/31/2008	2/18/2008	12,027
41	Fairpoint Interconnect	Joint emergency interconnect project with City of Pasadena	50,000	6/30/2008	6/9/2008	50,367
40	Villa Knolls Pipeline	Replace PVC main and 5 service connections	20,000	11/30/2008	11/17/2008	20,708
39	Truck Replacement	Replace '92 truck with 1 ton with service body	43,000	12/31/2008	12/16/2008	44,948
38	Holly Clortec	Replace Uniolor with Clortec and add SCADA alarms	13,000	3/31/2008	3/5/2008	13,845
37	Mesa Pipeline Eng.	Engineer replacement pipeline for Kinneloa Mesa	30,000	3/31/2008	11/18/2008	20,000
36	New York Main	K-3 to Wilcox Reservoir pipeline	178,570	12/31/2007	1/25/2008	142,399
35	Office Maintenance	Replace office roof	20,000	6/30/2007	5/8/2007	6,480
34	House Tunnel	Repair tunnel line	61,505	6/30/2007	3/31/2007	842
33	Hi/Low Pressure Tunnel	Repair tunnel line and tunnel entrance	220,491	6/30/2007	9/1/2007	911
32	Flo-Loc	Valve and electrical installation - Holly, East Eucalyptus, Vosburg	118,000	12/31/2007	7/27/2007	137,801
31	Facility Electrical	East Tank utility power project	20,000	6/30/2007	6/15/2007	18,188
30	Chlorine Analyzers	K-3, Wilcox and Eucalyptus installations	15,000	6/30/2007	6/21/2007	23,998
29	Tank and Reservoir Maint.	Tank and Reservoir maintenance	150,000	12/31/2006	12/31/2006	150,296
28	SCADA	SCADA upgrades	25,000	12/31/2006	12/31/2006	16,435
27	Pump Maintenance	Vosburg Booster repair	25,000	12/31/2006	12/31/2006	12,590
26	Facility Maintenance	Facility Maintenance	25,000	12/31/2006	12/31/2006	7,998
25	Electrical/Electronic Equip.	Electrical upgrades	25,000	12/31/2006	12/31/2006	18,595
24	Water Meters	Replacement meters	10,000	12/31/2006	12/31/2006	3,867
23	Water Treatment	Replace Cl2 generators at two locations	25,000	12/31/2006	12/31/2006	13,009
22	Tunnels	Repairs on House and High/Low Pressure Tunnel Lines	98,433	12/31/2006	12/31/2006	98,433
21	Mains	Mains	45,000	12/31/2006	12/31/2006	2,788
20	Tank and Reservoir Maint.	Tank and Reservoir maintenance	29,456	12/31/2005	12/31/2005	29,456
19	SCADA	SCADA upgrades	710	12/31/2005	12/31/2005	710
18	Computer/Office Equip.	Replacement server and software upgrades at multiple computers	2,708	12/31/2005	12/31/2005	2,708
17	Water Meters	Replacement meters	510	12/31/2005	12/31/2005	510

Kinneloa Irrigation District Capital Improvement and Maintenance Projects

Revised January 15, 2020

Project Number	Project Name	Project Description	Estimated Cost	Estimated Completion	Actual Completion	Actual Cost
16	K-3 Well	K-3 well pump repair	58,595	12/31/2005	12/31/2005	58,595
15	Mains	Mains	12,933	12/31/2005	12/31/2005	12,933
14	Tank and Reservoir Maint.	Holly Tanks recoating and valve repair	145,000	12/31/2004	12/31/2004	180,804
13	Water Meters	Replacement meters	5,336	12/31/2004	12/31/2004	5,336
12	Mains	K-3 pipeline replacement	363,421	12/31/2004	12/31/2004	363,421
11	Tank and Reservoir Maint.	Tanks and Reservoirs - Holly Tanks	53,514	12/31/2003	12/31/2003	53,514
10	SCADA	SCADA upgrades	38,098	12/31/2003	12/31/2003	38,098
9	Pump Maintenance	Eucalyptus Booster	61,851	12/31/2003	12/31/2003	61,851
8	Water Treatment	Cl2 generator maintenance	23,828	12/31/2003	12/31/2003	23,828
7	Tunnels	Tunnel maintenance	30,180	12/31/2003	12/31/2003	30,180
6	Mains	K-3 pipeline replacement	131,433	12/31/2003	12/31/2003	131,433
5	Mains	K-3 pipeline replacement	33,555	12/31/2002	12/31/2002	33,555
4	Tank and Reservoir Maint.	Tanks and Reservoirs	5,171	12/31/2002	12/31/2002	5,171
3	SCADA	SCADA upgrades	53,905	12/31/2002	12/31/2002	53,905
2	Pump Maintenance	Eucalyptus Booster	1,500	12/31/2002	12/31/2002	1,500
1	Electrical/Electronic Equip.	Electrical upgrades	5,900	12/31/2002	12/31/2002	5,900
TOTAL Estimated Cost and Actual Cost - Previous Projects and Projects in Progress			7,650,844			7,397,570

MISSION PAVING AND SEALING, INC.



12747 Schabarum Ave. Irwindale. California 91706-6807

Phone (626) 452-8200 * Fax (626) 452-9200 * www.missionpaving.com *St. Lic. No. 624257

Quote No. : 1330

From : TOM CONANT

To: **Kinneloa Irrigation District**
 1999 Kinclair Dr.
 Pasadena CA 91107

Date : 01/09/2020
 Phone : (626) 798-2379
 Fax :

Attention: **Mel Matthews**

Email : mel@kinneloa Irrigation District.info

We propose you to furnish you labor and material in strict accordance with the plans and specifications as follows:

Kinneloa Irrigation District
1999 Kinclair Dr., Pasadena, CA 91107

Item No.	Description	Quantity	U/M
Asphalt Remove & Replace @ 4"/Native			
1	Saw Cut And Remove Existing Asphalt, Haul Away And Dispose Offsite To Local Dump.	6,550	SF
2	Remove Approximately 900 Square Feet Of Existing Bushes And Dirt To 4" Depth, Haul Away And Dispose Offsite.	900	SF
3	Fine Grade And Compact The Existing Native Sub Grade Totaling Approximately 7,450 Square Feet Total With Vibratory Roller For Maximum Density.	1	LS
4	Furnish And Install New 2 X 4 Header Board To Approximately 905 L.F.	1	LS
5	Furnish And Install New Asphalt To Existing Open Sub Grade Area And Compact At 4" Depth.	7,450	SF
6	Layout And Stripe As Per Existing With (1) Coat Of Traffic Paint.	1	LS
Total :			\$33,800.00

Special Conditions

- 1 Price is based on existing asphalt not containing Petromat. Additional dump fees will be incurred if found in the existing asphalt.
- 2 Price is based on existing asphalt depth not exceeding 4". Additional pricing will be required if depth exceeds 4".
- 3 Work to be completed during normal weekday hours.
- 4 Price good for 30 days.
- 5 Excludes: Permits, Engineering, License or Testing.
- 6 Additional cost may apply if wet, moist or poor subgrade conditions are encountered.
- 7 If it is Not included above, it is Excluded.
- 8 Excludes paving trench lines unless noted above.
- 9 Customer to supply on site construction water (fire hydrant)
- 10 Excludes: Weed Kill, Prime Oils, Seal Coating, Utility Adjustments unless noted above.
- 11 Mission Paving cannot guarantee ADA compliance with out engineered plans and specifications. An engineer's involvement is recommended.
- 12 Price excludes permits, door hanger notification or other, Posting of No Parking signs, testing, scales, construction water meter, towing, traffic control plan, patching, crack sealing, striping removal, striping, rolling, and post application sweeping.
- 13 Bid Includes traffic control for our portion of work only.
- 14 Bid Excludes: Traffic control plans, SWPPP preparation, pilot vehicle, patching.
- 15 LICENSE # 624257 Exp 8/31/2020 and DIR # 1000002697 Exp 6/30/2020
- 16 Mission Paving and Sealing, Inc. will not be held responsible for any scarring, tearing and or divots caused by vehicular turning for this seal project.

Standard Conditions

We require immediate notification and submission of any and all affiliated paperwork if there is project specific labor requirement documentation required on this project.

We require five (5) days minimal for scheduling of all prevailing wage work.

Price is good for thirty (30) days from the date of proposal. Price includes one (1) move in, unless otherwise noted.

Mission Paving and Sealing, Inc. will not be held responsible for any scarring, tearing and/or divots caused by vehicular turning on all patching, asphalt paving, slurry and sealing projects.

Standard Exclusions (Unless otherwise noted): Rough grading, subgrade compaction, trench compaction, concrete work, base under concrete, engineering, testing, permits, bonds, fees, staking, utility adjustment and patching, striping and bumpers and guarantee for drainage where designed less than 1%.

The accompanying Terms and Conditions are expressly incorporated into this agreement. If bid is accepted, please complete the following information (per Section 3097 California Code of Civil Procedure), sign and return one complete copy.

**

TERMS AND CONDITIONS

PAYMENT. Payment is due upon completion unless otherwise noted in the contract.

DELAY IN PAYMENT. Should the owner ask the Contractor to delay completion of the final portions of the work for any reason, it shall not delay payment. Any delay in payment beyond the time specified shall be deemed a delinquent account and interest shall accrue in the unpaid balance at the rate of 18% per annum. Should Owner fail to pay to Contractor the amounts as they become due, Contractor may terminate his services under this Contract and all other contracts with Owner and use all lawful means, including, without limitation, actions by labor or contractors' associations induced by Contractor to prevent further work from being performed on the site until all past due payments have been received by Contractor.

ADDITIONAL WORK. Should the Owner, any agent of the Owner, or any public or governmental agency direct or request that additional work not set forth in this contract be done by Contractor, the charge for the additional work shall be added to the contract price which charge will be in accordance with contractors regular rates and paid by Owner upon completion of the additional work.

MOVE IN, MOVE OUT AND STANDING TIME CHARGES. If no separate price is stated in the contract it is agreed that reasonable move in, move out and standing time charges shall be added to the contract price.

SITE READY. Owner shall have the site ready for the Contractor's work and shall coordinate others working on the site so as not to interfere with or slow Contractor's work in any way. If required by the terms of this contract, Owner shall give to Contractor plans of all underground obstructions, including but not limited to electrical, telephone, sewer, water, gas, oil or any other lines, which may relate to Contractor's work. Though Contractor will use reasonable care, he shall not be liable for damage to any such obstructions, which have not been outlined to him in the plans. If such obstructions require additional labor, equipment, or materials for the completion of the work, it shall be considered "Additional Work" unless Owner provides them in writing before the computation of the contract price of this proposal.

UNAVOIDABLE DELAYS AND DEFAULTS. The Contractor shall be excused for any delays or defaults in the performance of this Contract unavoidably caused by the act of Owner, any of his agents, the act of any governmental authority, and acts of God, the elements, war, war defense conditions, litigation, strikes, walkouts, or other causes beyond his reasonable control. Contractor will use reasonable diligence to avoid any such delay or default and will resume the performance under this Contract as promptly as possible after any such delay or default.

DESTRUCTION OF WORK. Should any part of the work, equipment or materials be destroyed by fire, theft, vandalism, accident, or act of God, or other cause not the fault of Contractor, any work done or equipment or materials furnished by Contractor in restoring or rebuilding shall be paid for by Owner as additional work performed by Contractor pursuant to this Contract.

EXISTING CONDITIONS AND NON-RESPONSIBILITY. Contractor assumes no responsibility if required to lay pavement on unstable subgrade and is the sole judge and shall have final decision as to whether optimum moisture exists or whether there has been suitable compaction or improper drainage caused by existing conditions arising out of inadequate sloping. Inadequate sloping is defined as follows: less than 1% fall in the slope of the subgrade or less than one inch of drainage for every 100 inches in the slope of the subgrade.

NON-RESPONSIBILITY. Contractor assumes no responsibility for the following: weeds and cracks appearing after completion of the contract arising out of a repair or resurfacing job, marks caused by heavy loads placed on small bearing surfaces; solvents loosening asphalt and scuffs caused by vehicular wheel movement.

GUARANTEES. All jobs, other than patching and resurfacing, shall be guaranteed for a period of one year from the date of completion against poor workmanship and inferior material. Resurfacing jobs shall not be guaranteed.

ATTORNEY FEES. If Contractor should consult with an attorney concerning any breach or threatened breach by Owner, whether or not suit is brought or a mechanic's lien is filed, Owner shall pay the reasonable fees and costs incurred by Contractor with respect to such legal services. If any litigation is commenced between the parties concerning this Contract, the prevailing party shall be entitled, in addition to any other relief that may be granted, to a reasonable sum as and for that party's attorney's fees in the litigation.

SOLE AGREEMENT. This contract constitutes, together with the attached plans (if applicable), the sole and only agreement of the parties to this Contract, relating to the work, materials and equipment to be supplies, and correctly sets forth the rights, duties and obligations of each to the other as of its date. Any prior agreements, promises, negotiations or representations not expressly set forth in the Contract are of no force or effect.

CONTRACTORS ARE REQUIRED BY LAW TO BE LICENSED AND REGULATED BY THE CONTRACTORS' STATE LICENSE BOARD. ANY QUESTIONS CONCERNING A CONTRACTOR MAY BE REFERRED TO THE REGISTRAR, CONTRACTORS' STATE LICENSE BOARD, and 9821 BUSINESS PARK DRIVE, SACRAMENTO, CALIFORNIA 95827. MAILING ADDRESS - P.O. BOX 26000, SACRAMENTO, CALIFORNIA 95826

"NOTICE TO PROPERTY OWNER"

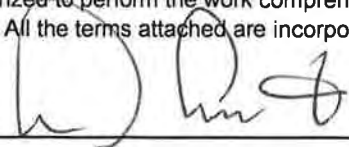
If bills are not paid in full for the labor, services, equipment, or materials furnished or to be furnished, a mechanic's lien leading to the loss, through court foreclosure proceedings, of all or part of your property being so improved may be placed against the property even though you have paid your general contractor in full. You may wish to protect yourself against this consequence by requiring your general contractor to furnish a signed release by the person or firm giving you this notice before making payment to your general contractor or any other method or device which is appropriate under the circumstances.

ACCEPTANCE

(By Owner, Agent, or General Contractor)

I/we accept the within proposal. You are authorized to perform the work comprehended hereunder and I/we agree to pay the said amount in accordance with the terms set forth. All the terms attached are incorporated herein and made a part hereof.

Mission Paving and Sealing, Inc.



TOM CONANT

Date 1-9-20

Kinneloa Irrigation District

Accepted By

Date _____

*Lagerlof Senecal
Gosney & Kruse, LLP*

301 NORTH LAKE AVENUE, 10TH FLOOR
PASADENA, CALIFORNIA 91101
PHONE: (626) 793-9400 ! FAX (626) 793-5900

William F. Kruse
E-MAIL: WFKRUSE@lagerlof.com

TO: PRESIDING OFFICER OF EACH INDEPENDENT SPECIAL DISTRICT IN
LOS ANGELES COUNTY

FROM: WILLIAM F. KRUSE

RE: BALLOT; SPECIAL DISTRICT LAFCO REPRESENTATIVE

DATE : JANUARY 3, 2020

Enclosed is the Ballot and the supplementary materials submitted for each of the candidates for Special District LAFCO REPRESENTATIVE for the term expiring in May 2020. Nominations closed as of 5:00 p.m. on December 27, 2019.

Please vote for ONE candidate. The marked ballots should be placed in the envelope marked "Ballot Envelope." Please write the name of your agency and sign your name on the outside of the ballot envelope and return the completed ballots by mail to:

**William F. Kruse, Esq.
Lagerlof, Senecal, Gosney & Kruse, LLP
301 N. Lake Avenue, 10th Floor
Pasadena, CA 91101-5123.**

No ballot will be counted if it is missing the name of the voting agency and the signature of the Presiding Officer on the ballot envelope.

The candidate receiving the highest number of votes will be declared the special district representative to LAFCO.

Ballots must be returned by 5:00 p.m. on April 16, 2020.

WFK/jlb
Enclosures

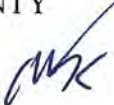
cc: Paul Novak, w/enc.

*Lagerlof Senecal
Gosney & Kruse, LLP*

301 NORTH LAKE AVENUE, 10TH FLOOR
PASADENA, CALIFORNIA 91101
PHONE: (626) 793-9400 ! FAX (626) 793-5900

William F. Kruse
E-MAIL: WFKRUSE@lagerlof.com

TO: PRESIDING OFFICER OF EACH INDEPENDENT SPECIAL DISTRICT IN
LOS ANGELES COUNTY

FROM: WILLIAM F. KRUSE 

RE: **CORRECTED BALLOT; SPECIAL DISTRICT LAFCO REPRESENTATIVE**

DATE : JANUARY 7, 2020

The ballot previously sent to you misidentified one of the candidates for election to the Commission. Please disregard and destroy the prior ballot. The other materials previously sent to you are correct.

Please vote for ONE candidate. The marked ballots should be placed in the envelope marked "Ballot Envelope." Please write the name of your agency and sign your name on the outside of the ballot envelope and return the completed ballots by mail to:

**William F. Kruse, Esq.
Lagerlof, Senecal, Gosney & Kruse, LLP
301 N. Lake Avenue, 10th Floor
Pasadena, CA 91101-5123.**

No ballot will be counted if it is missing the name of the voting agency and the signature of the Presiding Officer on the ballot envelope.

The candidate receiving the highest number of votes will be declared the special district representative to LAFCO.

Ballots must be returned by 5:00 p.m. on April 16, 2020.

WFK/jlb
Enclosures

cc: Paul Novak, w/enc.

BALLOT

SPECIAL DISTRICT LAFCO REPRESENTATIVE

Please vote for no more than one candidate.

DONALD L. DEAR

Occupation: Water District Director

Sponsor: West Basin Municipal Water District

SHARON RAGHAVACHARY

Occupation: Water District Director

Sponsor: Crescenta Valley Water District

NOMINATION
OF
INDEPENDENT SPECIAL DISTRICT ~~REPRESENTATIVE~~
TO THE
LOS ANGELES COUNTY LOCAL AGENCY FORMATION COMMISSION

To: Independent Special District Selection Committee

From: West Basin Municipal Water District

Date: October 28, 2019

Name of Candidate: Donald L. Dear

West Basin Municipal Water District is pleased to nominate

Donald L. Dear as a candidate for appointment as special

district **REPRESENTATIVE** to the Los Angeles Local Agency Formation Commission. The

nominee is an elected official or a member of the board of an independent special district appointed

for a fixed term. For your consideration, we submit the following additional information together

with a resume of the candidate's qualifications.

Elective office: Division 5 Director

Agency: West Basin Municipal Water District

Type of Agency: Water Wholesaler

Term Expires: December 2020

Residence Address: 15433 Catalina Ave, Gardena, CA 90247

Telephone: (310) 704-0881

PLEASE ATTACH RESUME OR CANDIDATE STATEMENT (limit one page)

West Basin Municipal Water District

(Name of Agency)

By: Patrick Sheilds

Its: General Manager

Patrick Sheilds 10/31/19



Donald L. Dear

Immediate Past President, West Basin Municipal Water District Board of Directors
Division V



Donald L. Dear was elected to the West Basin Municipal Water District (West Basin) Board of Directors in November 2000. He is currently serving his fifth term after being re-elected in November 2016. He represents the Division V cities of Gardena, Hawthorne, Lawndale and the unincorporated Los Angeles County area of El Camino Village.

Director Dear came to the Board with a vast array of experience in public service, serving on the Gardena City Council from 1970 to 1974 and again from 1978 to 1982, as well as serving as the Gardena mayor for nine consecutive terms from 1982 to 2001. He retired with 27 years of total service to the City of Gardena. Director Dear is currently serving as Immediate Past President of the Board and Chair of the Ethics Committee. He previously served as one of two West Basin representatives on the board of directors of the Metropolitan Water District of

Southern California from 2013 to 2018.

In 2004, 2008, 2012 and again in 2016, he was elected as one of the representatives for the Los Angeles County Independent Special Districts on the Local Agency Formation Commission, of which he currently serves as First Vice President. In October 2011, the West Basin Board paid tribute to Dear's distinguished public service by naming their Carson Headquarters the Donald L. Dear Building.

Director Dear's years of experience have given him a deep first-hand understanding of the roles, responsibilities and challenges facing local governmental institutions. He served for 24 years as a Trustee of the Greater Los Angeles Vector Control District, and for 19 years on the Board of Directors for the Los Angeles County Sanitation District No. 5. He also served as President of the South Bay Cities Association (now known as South Bay Cities Council of Governments), on the Board of Directors of the Southern California Cities Joint Powers Consortium and is a member of the Sierra Club.

As a former teacher at Stephen White Middle School in Carson for 38 years, he is well known and widely respected by his former students, colleagues and members of the community. In 1983 he was "Teacher of the Year" for Region A of the Los Angeles Unified School District. Dear's professional affiliations include his service as a member of the National Council for Social Studies, board member of the Political Action Council of Educators, and six terms of service as a member of the House of Representatives of the United Teachers of Los Angeles (UTLA). His civic affiliations include the Association for Retarded Citizens – South Bay, El Nido Services, Gardena Elks, Gardena High School Booster Club, Gardena Jaycees, Gardena Valley Cultural Arts Corporation, Gardena Valley Friends of the Library, Gardena Valley Music Association, Gardena Valley Red Cross, Gardena-Carson Family YMCA, Hollypark and Gardena Valley Lions Club, Kiwanis Club of Gardena Valley, Serra High School Advisory Board, and the University of Southern California San Pedro Peninsula Trojan Club.

Director Dear has also distinguished himself through his outstanding work with youth, not only as a noteworthy educator, but also for his 30 years of unselfish dedication as a coach for more than 70 teams in three sports through the Gardena Recreation Department Youth Sports Leagues.

NOMINATION
OF
INDEPENDENT SPECIAL DISTRICT REPRESENTATIVE
TO THE
LOS ANGELES COUNTY LOCAL AGENCY FORMATION COMMISSION

To: Independent Special District Selection Committee

From: President James P. Bodnar and Member of the Board of Directors

Date: December 3, 2019

Name of Candidate: Sharon Raghavachary

The Board of Directors of the Crescenta Valley Water District is pleased to nominate
Sharon Raghavachary as a candidate for appointment as special

district **REPRESENTATIVE** to the Los Angeles Local Agency Formation Commission. The nominee is an elected official or a member of the board of an independent special district appointed for a fixed term. For your consideration, we submit the following additional information together with a resume of the candidate's qualifications.

Elective office: Director of Board of Directors of

Agency: Crescenta Valley Water District

Type of Agency: Water and Sewer District

Term Expires: December 2020

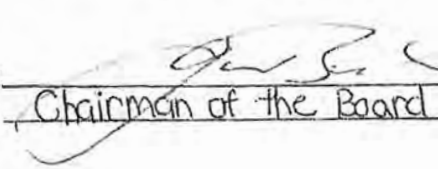
Residence Address: 2209 Maurice Ave.

La Crescenta, CA 91214

Telephone: 818 541-9071

PLEASE ATTACH RESUME OR CANDIDATE STATEMENT (limit one page)

Crescenta Valley Water District
(Name of Agency)

By: 
Its: Chairman of the Board of Directors



Crescenta Valley Water District

2700 Foothill Boulevard, La Crescenta, California 91214
Phone (818) 248-3925 Fax (818) 248-1659

Directors

Judy L. Tejada
James D. Bodnar
Kerry D. Erickson
Kenneth R. Putnam
Sharon Raghavachary

Officers

Nemesiano Ochoa, P.E.
General Manager
James Lee
Director of Finance & Administration

Director Raghavachary has been active in the La Crescenta Community for 20 years and has a background in accounting and computer systems.

Ms. Raghavachary is a founder of the Crescenta Valley Community Association. She served for seven years on the Crescenta Valley Town Council, during which time she was co-chair of the Foothill Design Committee, that wrote design standards for Foothill Boulevard, and was a member of Supervisor Antonovich's Library Committee. She also served as Council Vice President and Land Use Committee Chair.

Additionally, Director Raghavachary served three years on the Parent Advisory Council for Children's Hospital Los Angeles, providing input for the new hospital tower. She has been a volunteer for the Los Angeles County Sheriff's Department and Treasurer of the Crescenta Valley Arts Council, as well as a Girl Scout troop leader for ten years, and for over five years she wrote a featured column for the Glendale New Press and the Crescenta Valley Weekly. She is currently serving her second year on the Clark Magnet High School's School Site Council.

Ms. Raghavachary has teenage twins, a boy and a girl, who attend Clark Magnet and Crescenta Valley High Schools.



1999 KINCLAIR DRIVE, PASADENA, CALIFORNIA 91107-1017
TELEPHONE (626) 797-6295 • FAX (626) 794-5552
WEBSITE: kinneloairrigationdistrict.info

Memo

Date: January 6, 2020

To: Board of Directors

From: Mel Matthews

Subject: Board of Directors Compensation

Recommended Action: Review draft ordinance and decide if the Board wants to proceed with the adoption procedure and schedule a public hearing

Background

Board compensation has remained at \$100 per meeting and/or board-authorized day of service for more than 20 years. The Water Code governs the process by which water districts may increase the compensation received by members of their governing board. Many districts have increased compensation over the years based on the CPI or other indicator to compensate for the increased cost of living and continue to make public service more attractive to prospective board members. The Board requested that the General Manager discuss the procedure with the District's attorney and prepare a draft ordinance for discussion.

Draft Ordinance

The draft ordinance includes the following provisions:

- An increase in compensation from \$100 to \$150 per meeting or day of authorized service effective 60 days after adoption of the ordinance
- Effective January 1 of each year, commencing on January 1, 2021, by a motion duly approved by the Board of Directors of the District, the compensation payable shall be increased by the Consumer Price Index for All Urban Consumers (CPI-U) for Los Angeles-Long Beach-Anaheim based on the 12-month index for October of the immediately preceding calendar year (e.g., October 2020 for the 2021 calendar year), but not to exceed five percent (5%) of the prior year's rate of compensation

Summary and Conclusion

Division 10 of the Water Code requires that an increase in compensation be considered in an open meeting after a public hearing and adopted by an ordinance. If the Board decides to move forward with the process, the staff will schedule the public hearing, prepare a public notice and publish the notice as required by the Water Code.

The ordinance if approved will provide the mechanism for an increase in compensation, but future increases are not automatic. Any future increase will be considered at regular Board meeting and adopted only after a motion duly approved by the Board.

ORDINANCE NO. __

ORDINANCE OF THE KINNELOA IRRIGATION DISTRICT
INCREASING THE COMPENSATION PAID
TO MEMBER OF THE BOARD OF DIRECTORS
OF SAID DISTRICT PURSUANT TO
CALIFORNIA WATER CODE §§20201, et seq.

WHEREAS, Kinneloa Irrigation District (“District”) is an irrigation district formed pursuant to Division 11 of the California Water Code (“Water Code”); and

WHEREAS, as an irrigation district, District is a “water district” within the meaning of Water Code §20200 and is therefore subject to the terms and provisions of Division 10 of said Water Code; and

WHEREAS, Division 10 of the Water Code governs the process by which water districts may increase the compensation received by members of their governing board; and

WHEREAS, members of the Board of Directors of the District (“Board”) are currently compensated at the rate of One Hundred Dollars (\$100) per day for attendance at meetings and for a day of service rendered as a member of the Board, and have been compensated at that rate for over 20 years; and

WHEREAS, the Board has determined that, in the best interests of the District, and in fairness to members serving on the Board, the rate of compensation for attendance at meetings and a day of service, should be increased as allowed by law; and

WHEREAS, Division 10 of the Water Code requires that action increasing the compensation for Board members be done by an ordinance adopted at a duly noticed and conducted public hearing of the Board.

NOW, THEREFORE, BE IT ORDAINED THAT, upon the effective date of this Ordinance as hereinafter provided, the compensation payable to members of the Board of Directors of the District for attendance at meetings of the Board and for each day of service

rendered as a member of the Board, shall be increased to One Hundred Fifty Dollars (\$150.00) per meeting or day of service, such amount being less than the cumulative amount of permissible increases of up to five percent (5%) per year since the last increase in Board member compensation that the District adopted.

BE IT FURTHER ORDAINED THAT, effective January 1 of each year, commencing on January 1, 2021, by a motion duly approved by the Board of Directors of the District, the compensation payable to members of the Board of Directors of the District for attendance at meetings of the Board and for each day of service rendered as a member of the Board shall be increased by the Consumer Price Index for All Urban Consumers (CPI-U) for Los Angeles-Long Beach-Anaheim based on the 12-month index for October of the immediately preceding calendar year (e.g., October 2020 for the 2021 calendar year), but not to exceed five percent (5%) of the prior year's rate of compensation.

BE IT FURTHER ORDAINED THAT, this Ordinance shall become effective sixty (60) days from the date of its final passage by the Board of Directors of the District.

Passed and adopted at a regular meeting of the Board of Directors of Kinneloa Irrigation District held on _____, 2019.

President

ATTEST:

Secretary



Memo

Date: January 8, 2020

To: Board of Directors

From: Mel Matthews

Subject: Engineer's Report – Brown/Glen Pipeline Replacement Project

Recommended Action: Discuss report and provide direction to staff regarding continuation of project

Background

Kinneloa Irrigation District (KID) and Civiltec Engineering (Engineer) have been investigating the replacement of some existing water mains within the KID Brown/Glen Zone water system. The pipeline improvements investigation was separated into the following three phases:

- Phase 1 – Sierra Madre Villa Improvements
- Phase 2 – Villa Knolls / Edgecliff Avenue Improvements
- Phase 3 – Sierra Madre Villa, south of Villa Knolls and Hartwood Point

The attached Engineer's report summarizes the analyses and provides results of the hydraulic modeling of the proposed pipeline replacements required to determine the benefits of the proposed pipeline improvements. The results are an aid in the pipeline sizing recommendations and provide the calculated fire flow improvement results for constructing each phase.

General Manager's Summary of the Report

Existing Conditions – The existing Brown/Glen pipeline system was analyzed to determine the potential fire flow available at existing hydrants with the current pipelines. Then the KID's hydraulic model was used to estimate the conditions after the follow pipeline improvements:

Phase 1 – Sierra Madre Villa Avenue Improvements – Replace approximately 1,245 LF of existing pipelines with new 12-inch pipelines along Sierra Madre Villa Avenue, from Barhite Street to Villa Knolls Drive with a tie into Villa Highlands Drive as shown in Phase 1 Exhibits and Figure 3.

Phase 2 – Villa Knolls Drive / Edgecliff Avenue Improvements - Replace a total of 1,325LF of existing with new 12-inch pipelines and 8-inch pipelines. Approximately 650 LF of pipeline will be replaced with new 12-inch pipelines along Villa Knolls Drive, between Sierra Madre Villa Avenue and Edgecliff Lane and approximately 675 LF of existing pipeline will be replaced with 8-inch pipelines along Edgecliff Lane, from Villa Knolls Drive to the end of the cul-de-sac as shown in Phase 2 Exhibits and Figure 4. Phase 2 Improvements can be done once Phase 1 Improvements are complete or at the same time as Phase 1.

Phase 3 – Sierra Madre Villa, south of Villa Knolls Drive Improvements – Install approximately 815 LF of new 12-inch pipeline along Sierra Madre Villa, from a new tie-in at Villa Knolls Drive, south to Trevan Road. Install approximately 485 LF of new 12-inch pipeline along Trevan Road, from Sierra Madre Villa to Hartwood Point. Install approximately 845 LF of new 8-inch pipelines along Hartwood Point Drive from Trevan Road to the end of Hartwood Point Drive as shown in Phase 3 Exhibits and Figure 5.

Phase 3 also includes abandoning 980 LF of existing 4-inch steel pipeline going through the back lots of the residential homes west of Sierra Madre Villa Avenue, south of Villa Knolls Drive

Phase 3 Improvements would be done once Phase 2 Improvements are complete.

In addition to the above pipeline improvements, an analysis was done if additional water supply to the Brown/Glen pressure zone was added using a pressure regulating valve (PRV) connected to the Brown/Glen zone from the higher-pressure Vosburg zone or running the Wilcox Pump Station to provide the additional water supply.

Based upon the analysis performed, pipeline improvements from Phase 1, 2 and 3 will substantially improve the Brown/Glen system fire flow by gravity water supply feed alone. The two critical fire hydrants nearly meet fire flow requirements but do not achieve 1,250 gpm based on the hydraulic model analysis. However, the actual flow might exceed the estimated flow from the hydraulic model. Providing additional water supply can be implemented manually using existing valves or turning on the Wilcox pump station using the SCADA system, but to automate either of these solutions requires an additional expenditure to install a new PRV Station or modifying the Wilcox Pump Station to operate under a fire flow event within the Brown/Glen Zone. These solutions could be designed and implemented as part of the pipeline project or later as a separate project. Estimated cost for installing the PRV station is \$25,000. If neither of these supplemental water supply solutions is implemented, a physical test of GV-11 and GV-16 could be performed to measure the actual flow and verify that GV-3 pressure is maintained above 0 psi.

Phase 3 could be implemented at any time after completion of Phase 1 and 2 but this pipeline improvement could be postponed since a City of Pasadena hydrant with the required fire flow is located at the entrance of Hartwood Point.

Conclusions

Although the pipeline improvements for Phase 1, 2 and 3 substantially increase fire flows in the Brown/Glen pressure zone, it appears that additional water supply might be needed to meet the 1,250 gpm requirement and ensure that the pressure at GV-3 is above 0 psi under emergency fire flow conditions.

General Manager's Recommendations

Based on the Engineer's report and the General Manager's analysis it is recommended that the Board authorize the General Manager and Civiltex to continue work on the project as follows:

- Provide estimate for installing a PRV Station or to automate the Wilcox Pump Station to maintain pressure and flow under emergency conditions
- Design the pipeline improvements of Phases 1 and 2 as a combined construction project
- Prepare plans and specifications
- Provide an estimate of construction cost
- Participate in the contractor bidding and selection process
- Perform fire flow tests on all Brown/Glen pressure zone hydrants after completion of construction



Civil, Water, Wastewater, Drainage and Transportation Engineering
Construction Management • Surveying
California • Arizona

January 9, 2020



Kinneloa Irrigation District
1999 Kinclair Drive
Pasadena, California 91107-1017

Attention: Melvin Matthews, General Manager

Subject: Water System Analysis and Technical Memorandum
Brown/ Glen Replacement Pipeline Improvements – Phase 1, 2 and 3

Dear Mr. Matthews:

Kinneloa Irrigation District (KID) and *CIVILTEC engineering, inc. (Civiltec)* are investigating the replacement of some existing water mains within the KID Brown/Glen Zone water system. The pipeline improvements investigation is separated into the following three phases:

- ◆ Phase 1 – Sierra Madre Villa Improvements
- ◆ Phase 2 – Villa Knolls / Edgecliff Avenue Improvements
- ◆ Phase 3 – Sierra Madre Villa, south of Villa Knolls and Hartwood Point

This memo will summarize the analyses and provide results of the hydraulic modeling of the proposed pipeline replacements required to improve fire.

This memo includes analysis results for the pipeline sizing recommendations and a breakdown the scenarios tested for each phase of the improvements including calculated fire flow results.



TABLE OF CONTENTS

Project Description	5
Hydraulic Analysis.....	6
Supply Sources for Phases	7
Scenario 1 – Reservoir Supplied.....	7
Scenario 2 – Reservoirs and Proposed PRV Supplied.....	7
Scenario 3 – Reservoirs and Wilcox Pump Station Supplied.....	7
Analysis Results.....	8
Existing Conditions.....	8
Phase 1 - Sierra Madre Villa Avenue Improvements	10
Phase 1 - Scenario 1 Results	11
Phase 1 - Scenario 2 Results	11
Phase 1 - Scenario 3 Results	11
Phase 1 Overall Results	11
Phase 2 - Villa Knolls Drive / Edgecliff Avenue Improvements.....	13
Phase 2 - Scenario 1 Results	14
Phase 2 - Scenario 2 Results	14
Phase 2 - Scenario 3 Results	14
Phase 2 Overall Results	14
Phase 3 - Sierra Madre Villa, south of Villa Knolls Drive and Hartwood Point Improvements	16
Phase 3 - Scenario 1 Results	17
Phase 3 - Scenario 2 Results	17
Phase 3 - Scenario 3 Results	17
Phase 3 Overall Results	17
Conclusions.....	19



List of Exhibits

Existing Conditions

Existing – Reservoir Supply - Configuration	Phase 0, Exhibit 0-1
Existing - Pipe flows of GV-11	Phase 0, Exhibit 0-2
Existing - Residual Pressures of GV-11	Phase 0, Exhibit 0-3
Existing - Pipe flows of GV-16	Phase 0, Exhibit 0-4
Existing - Residual Pressures of GV-16	Phase 0, Exhibit 0-5

Phase 1 - Sierra Madre Villa Avenue Improvements

Scenario 1 – Reservoir Supply - Configuration	Phase 1, Exhibit 1-1
Scenario 1 – Reservoir Supply - Pipe flows of GV-11	Phase 1, Exhibit 1-2
Scenario 1 – Reservoir Supply - Residual Pressures of GV-11	Phase 1, Exhibit 1-3
Scenario 2 – Reservoirs and Proposed PRV Supplied - Configuration	Phase 1, Exhibit 2-1
Scenario 2 – Reservoirs and Proposed PRV Supplied - Pipe flows of GV-11	Phase 1, Exhibit 2-2
Scenario 2 – Reservoirs and Proposed PRV Supplied - Residual Pressures of GV-11	Phase 1, Exhibit 2-3
Scenario 3 – Reservoirs and Wilcox Pump Station Supplied - Configuration	Phase 1, Exhibit 3-1
Scenario 3 – Reservoirs and Wilcox Pump Station Supplied - Pipe flows of GV-11	Phase 1, Exhibit 3-2
Scenario 3 – Reservoirs and Wilcox Pump Station Supplied - Residual Pressures of GV-11	Phase 1, Exhibit 3-3

Phase 2 - Villa Knolls / Edgecliff Avenue Improvements

Scenario 1 – Reservoir Supply - Configuration	Phase 2, Exhibit 1-1
Scenario 1 – Reservoir Supply - Pipe flows of GV-11	Phase 2, Exhibit 1-2
Scenario 1 – Reservoir Supply - Residual Pressures of GV-11	Phase 2, Exhibit 1-3
Scenario 2 – Reservoirs and Proposed PRV Supplied - Configuration	Phase 2, Exhibit 2-1
Scenario 2 – Reservoirs and Proposed PRV Supplied - Pipe flows of GV-11	Phase 2, Exhibit 2-2
Scenario 2 – Reservoirs and Proposed PRV Supplied - Residual Pressures of GV-11	Phase 2, Exhibit 2-3
Scenario 3 – Reservoirs and Wilcox Pump Station Supplied - Configuration	Phase 2, Exhibit 3-1
Scenario 3 – Reservoirs and Wilcox Pump Station Supplied - Pipe flows of GV-11	Phase 2, Exhibit 3-2
Scenario 3 – Reservoirs and Wilcox Pump Station Supplied - Residual Pressures of GV-11	Phase 2, Exhibit 3-3

Phase 3 - Sierra Madre Villa, south of Villa Knolls and Hartwood Point

Scenario 1 – Reservoir Supply - Configuration	Phase 2, Exhibit 1-1
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Scenario 1 – Reservoir Supply - Pipe flows of GV-16	Phase 2, Exhibit 1-2
Scenario 1 – Reservoir Supply - Residual Pressures of GV-16	Phase 2, Exhibit 1-3
Scenario 2 – Reservoirs and Proposed PRV Supplied - Configuration	Phase 2, Exhibit 2-1
Scenario 2 – Reservoirs and Proposed PRV Supplied - Pipe flows of GV-16	Phase 2, Exhibit 2-2
Scenario 2 – Reservoirs and Proposed PRV Supplied - Residual Pressures of GV-16	Phase 2, Exhibit 2-3
Scenario 3 – Reservoirs and Wilcox Pump Station Supplied - Configuration	Phase 2, Exhibit 3-1
Scenario 3 – Reservoirs and Wilcox Pump Station Supplied - Pipe flows of GV-16	Phase 2, Exhibit 3-2
Scenario 3 – Reservoirs and Wilcox Pump Station Supplied - Residual Pressures of GV-16	Phase 2, Exhibit 3-3



PROJECT DESCRIPTION

The Kinneloa Irrigation District (KID) requested *Civiltec* to perform water system modeling to identify the potential fire flow improvement in the Brown/ Glen Zone. *Civiltec* used previous H2ONet model database that was converted to InfoWater for our analysis.

As part of the analysis, we analyzed 4 scenarios:

- ◆ **Existing Conditions** – The existing Brown/Glen pipeline system was analyzed to determine the potential fire flow available under existing hydrants.
- ◆ **Phase 1 – Sierra Madre Villa Avenue Improvements** – Replace approximately 1,245 LF of existing pipelines with new 12-inch pipelines along Sierra Madre Villa Avenue, from Barhite Street to Villa Knolls Drive with a tie into Villa Highlands Drive as shown in Phase 1 Exhibits and **Figure 3**.
- ◆ **Phase 2 – Villa Knolls Drive / Edgecliff Avenue Improvements** - Replace a total of 1,325LF of existing with new 12-inch pipelines and 8-inch pipelines. Approximately 650 LF of pipeline will be replaced with new 12-inch pipelines along Villa Knolls Drive, between Sierra Madre Villa Avenue and Edgecliff Lane and approximately 675 LF of existing pipeline will be replaced with 8-inch pipelines along Edgecliff Lane, from Villa Knolls Drive to the end of the cul-de-sac as shown in Phase 2 Exhibits and **Figure 4**.

Phase 2 Improvements will be done once Phase 1 Improvements are complete.

- ◆ **Phase 3 – Sierra Madre Villa, south of Villa Knolls Drive Improvements** – Install approximately 815 LF of new 12-inch pipeline along Sierra Madre Villa, from a new tie-in at Villa Knolls Drive, south to Trevan Road. Install approximately 485 LF of new 12-inch pipeline along Trevan Road, from Sierra Madre Villa to Hartwood Point. Install approximately 845 LF of new 8-inch pipelines along Hartwood Point Drive from Trevan Road to the end of Hartwood Point Drive as shown in Phase 3 Exhibits and **Figure 5**.

Phase 3 also includes abandoning 980 LF of existing 4-inch steel pipeline going through the back lots of the residential homes west of Sierra Madre Villa Avenue, south of Villa Knolls Drive

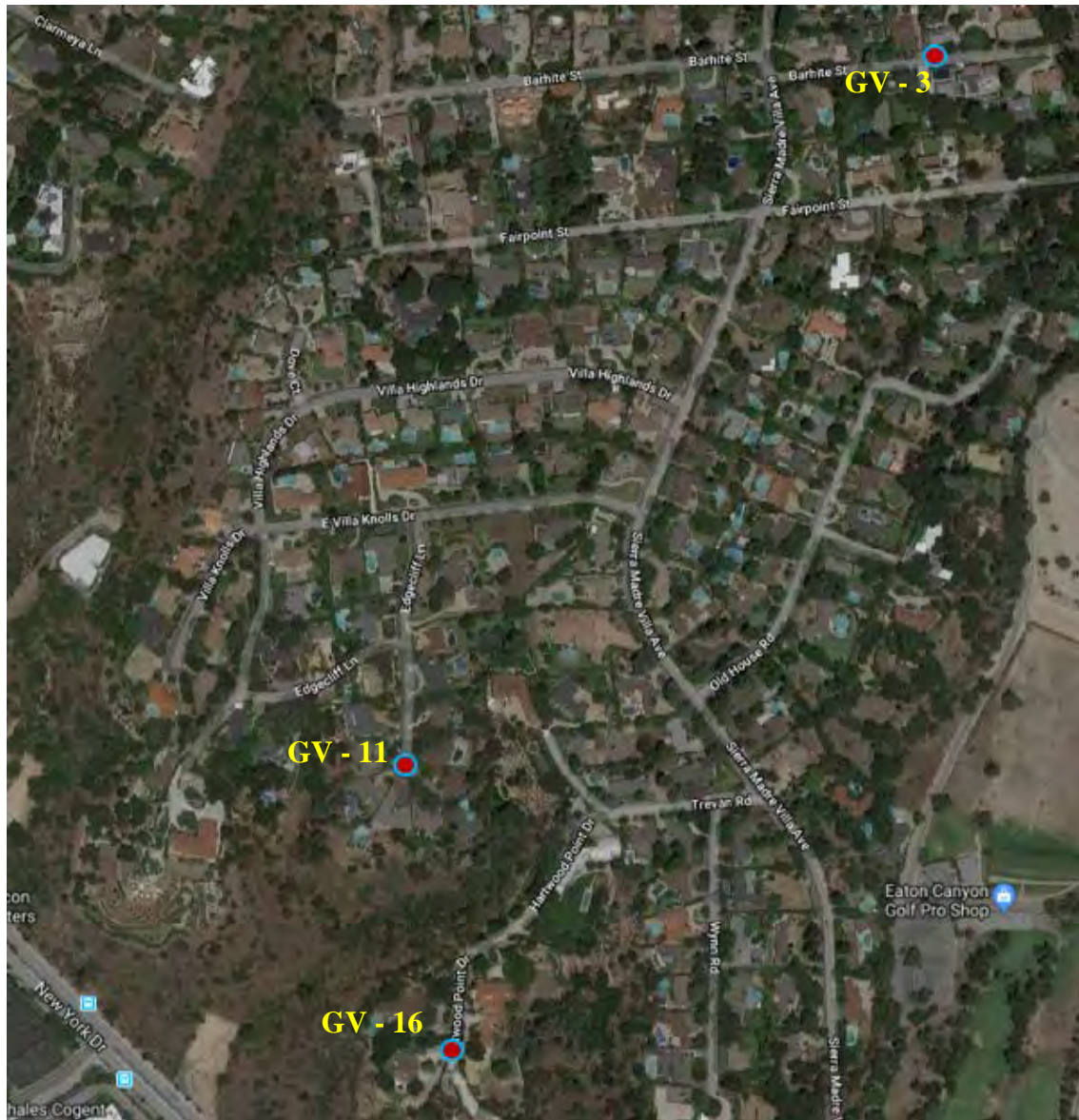
Phase 3 Improvements will be done once Phase 2 Improvements are complete.



HYDRAULIC ANALYSIS

The purpose of the analysis is to determine the fire flow improvements once each phase of the pipeline improvements are complete. For this study, we focused on three hydrants: GV-3, GV-11 and GV-16 as shown in **Figure 1**.

Figure 1 - Location of Hydrants for Study





Fire Flow Analysis was run under the following conditions:

- ◆ Maximum Day Demand
- ◆ Fire Flow at each hydrant was set at 1,250gpm
- ◆ Steady State Analysis
- ◆ Reservoirs water levels was set at a capacity of 70%

Supply Sources for Phases

When running the flow analysis for each phase, we analyzed three system supply configurations scenarios for each corresponding phase. The scenarios were:

- ◆ *Scenario 1* – Supplied by Reservoirs only
- ◆ *Scenario 2* – Supplied by Reservoirs and Proposed Pressure Regulating Valve (PRV)
- ◆ *Scenario 3* – Supplied by Reservoirs and Wilcox Pump Station

The results are shown in detail per each phase and scenario in the Analysis Results section of the memo. Each scenario is also represented in an Exhibit according to Phase improvement.

Scenario 1 – Reservoir Supplied

Under this scenario, the pressure zone is supplied solely by gravity flow from the Glen and Brown Reservoirs. We set the reservoirs to have a hydraulic water line (HWL) of 1,261 feet (or at 70% capacity) for this analysis.

Scenario 2 – Reservoirs and Proposed PRV Supplied

Under this scenario, the pressure zone is supplied by gravity flow from the Glen and Brown Reservoirs and the Proposed PRV set near the intersection of Barhite Street and Sierra Madre Villa Avenue. The PRV supply would be provided by the Vosburg Zone. The discharge would supply Glen pressure zone when fire flow demand is required.

The PRV was set to sustain pressures in the Glen Zone and allowed flow from the Vosburg Reservoir to feed into the Glen Zone. The setting of the PRV was set at 29 psi (roughly at a hydraulic head of 1,193 feet).

Scenario 3 – Reservoirs and Wilcox Pump Station Supplied

Under this scenario, the Brown/Glen pressure zone is supplied by gravity flow from the Glen and Brown Reservoirs. The Wilcox Pump Station was set to turn on under a fire flow event based on low discharge pressure. The pumps would supply an additional flow of about 647gpm into the system when activated.

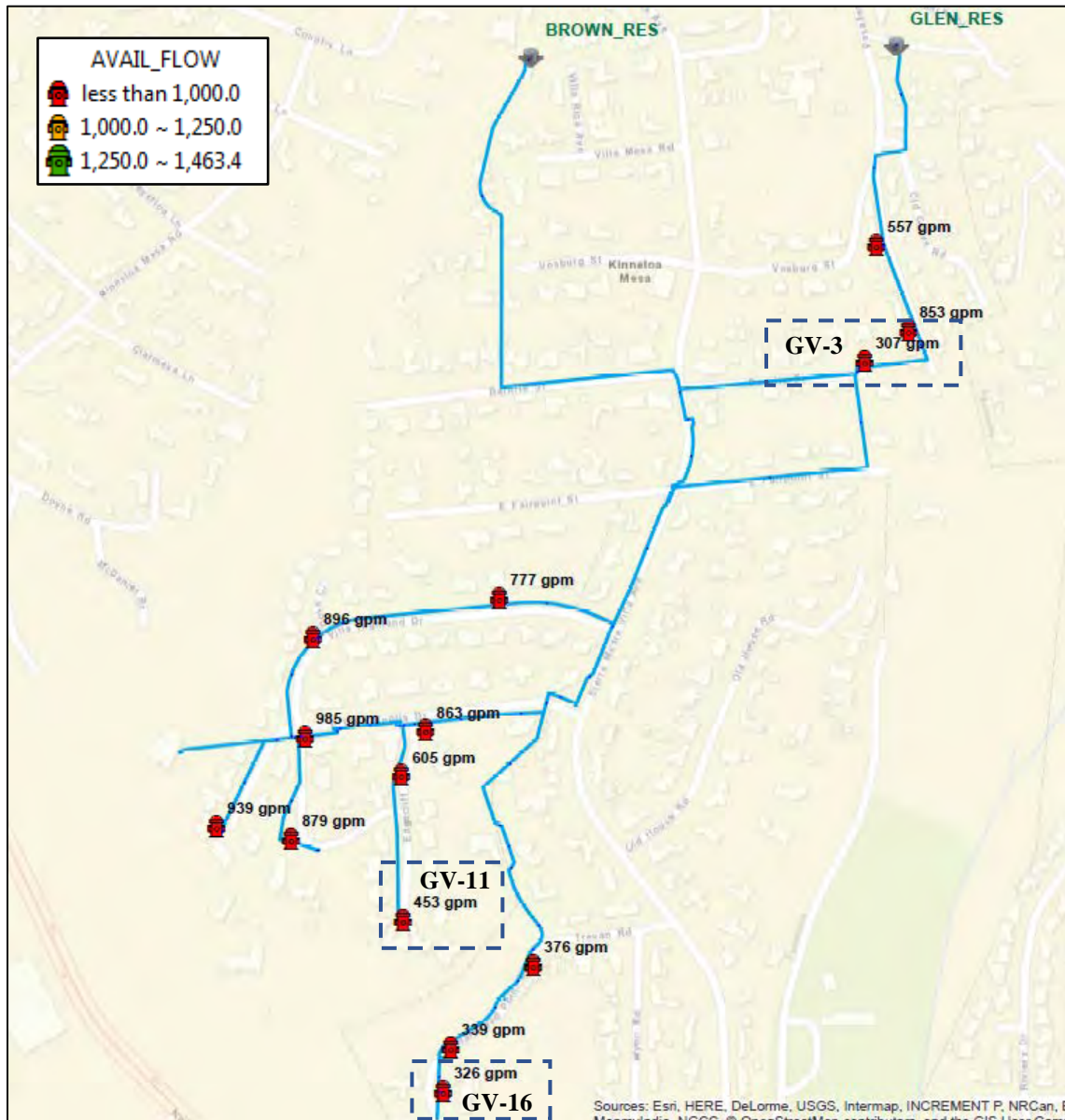


ANALYSIS RESULTS

Existing Conditions

Under existing conditions, all 14 fire hydrants within the Brown/Glen Zone are not flowing under the fire flow requirement of 1,250gpm. Of those remaining fire hydrants, the three most critical fire hydrants are GV-3, GV-11 and GV-16. These fire hydrants served as the reference when we determined the pipe sizing for the improvements. **Figure 2** shows the location of each fire hydrant as well as their corresponding available fire flow at a residual pressure of 20 psi.

Figure 2 – Fire Flows under Existing Conditions



Sources: Esri, HERE, DeLorme, USGS, Intermap, INCREMENT P, NRCan, Esri, Manjivodia, NGCC, © OpenStreetMap contributors, and the GIS User Community



Due to the changes in elevations within the pressure zone, when we analyzed the system, we tested the maximum allowable fire flow out of fire hydrant GV-11 when Phase 1 and Phase 2 improvements were simulated and tested fire hydrant GV-16 when Phase 3 improvements. While testing the system, we ensured fire hydrant GV-3 residual pressure did not fall under 0 psi under a fire flow event.

We used fire hydrant GV-3 as guide to ensure that the highest fire hydrant did not fall below 0 psi residual pressure under the simulated fire flow event.

Exhibits for the Existing Conditions (Phase 0), are labeled as Phase 0, Exhibit 0-1 through Phase 0, Exhibit 0-5 in this report. Exhibits will contain the configuration of the phase improvement, flows within the pipelines under a fire flow event and the residual pressures when the appropriate fire hydrant is flowing. **Table 1** summarizes the findings under current existing conditions.

Table 1 - Residual Pressures and Allowable Fire Flows under Existing Conditions

Phase	Supply Scenario	Allowable Fire Flow @ GV-11 (gpm)	Residual Pressure at GV-11 (psi)	Residual Pressure at GV-3 (psi)	Allowable Fire Flow @ GV-16 (gpm)	Residual Pressure at GV-16 (psi)	Residual Pressure at GV-3 (psi)
Phase 0 – Existing Conditions							
	Existing Conditions	450	21	17	326	20	20



Phase 1 - Sierra Madre Villa Avenue Improvements

Phase 1 will consist of replacing approximately 1,245 LF of existing pipelines with new 12-inch pipelines along Sierra Madre Villa Avenue, from Barhite Street to Villa Knolls Drive with a tie into Villa Highlands Drive as shown in **Figure 3**.

Figure 3 – Phase 1 Improvements Configuration





Phase 1 - Scenario 1 Results

By allowing the Brown/Glen zone to be supplied by gravity flow from the Glen and Brown Reservoirs at an HWL of 1,261 feet, the fire flows at fire hydrant GV-11 does not improve more than 50gpm. There is a need for additional water supply to the system.

Results for this scenario are shown in Phase 1, Exhibit 1-2 to see the fire flows within the pipelines and Phase 1, Exhibit 1-3 to see the residual pressures within the pressure zone when supplied by gravity flow only. Phase 1 - Exhibit 1-1 shows the configuration of this scenario.

Phase 1 - Scenario 2 Results

In addition to the pipeline improvements, by installing a new PRV Station near the intersection of Sierra Made Villa Avenue and Barhite Street and allowing the Vosburg to supply it, the available fire flow at fire hydrant GV-11 increases by 85 gpm while not allowing GV-3 to produce a residual pressure below 0 psi.

Results for this scenario are shown in Phase 1, Exhibit 2-2 to see the fire flows within the pipelines and Phase 1, Exhibit 2-3 to see the residual pressures within the pressure zone when supplied by the reservoir's gravity flow and the addition of the new PRV station. Phase 1 - Exhibit 2-1 shows the configuration of this scenario.

Phase 1 - Scenario 3 Results

In addition to the pipeline improvements, by activating the Wilcox Pump Station additional flow is provided to the pressure zone allowing the ability to obtaining higher fire flows at the hydrants. Fire Hydrant GV-11 increased by 106 gpm under this scenario while not allowing GV-3 to fall below a 0 psi residual pressure.

Results for this scenario are shown in Phase 1, Exhibit 3-2 to see the fire flows within the pipelines and Phase 1, Exhibit 3-3 to see the residual pressures within the pressure zone when supplied by the reservoir's gravity flow and the Wilcox Pump Station. Phase 1 - Exhibit 3-1 shows the configuration of this scenario.

Phase 1 Overall Results

After reviewing the results of all three different scenarios for Phase 1 improvements, there is a need to provide additional improvements to the Brown/Glen Zone to increase the fire flow capabilities in the pressure zone. **Table 2** summarizes the findings under Phase 1 Improvements.



Table 2 – Residual Pressures and Allowable Fire Flows under Phase 1 Improvements

Phase	Supply Scenario	Allowable Fire Flow @ GV-11 (gpm)	Residual Pressure at GV-11 (psi)	Residual Pressure at GV-3 (psi)	Allowable Fire Flow @ GV-16 (gpm)	Residual Pressure at GV-16 (psi)	Residual Pressure at GV-3 (psi)
Phase 1 - Sierra Madre Villa Avenue Improvements							
	Scenario 1 – Reservoir Supply	495	21	15	-	-	-
	Scenario 2 – Reservoirs and Proposed PRV Supplied	535	20	25	-	-	-
	Scenario 3 – Reservoirs and Wilcox Pump Station Fed	556	20	27	-	-	-

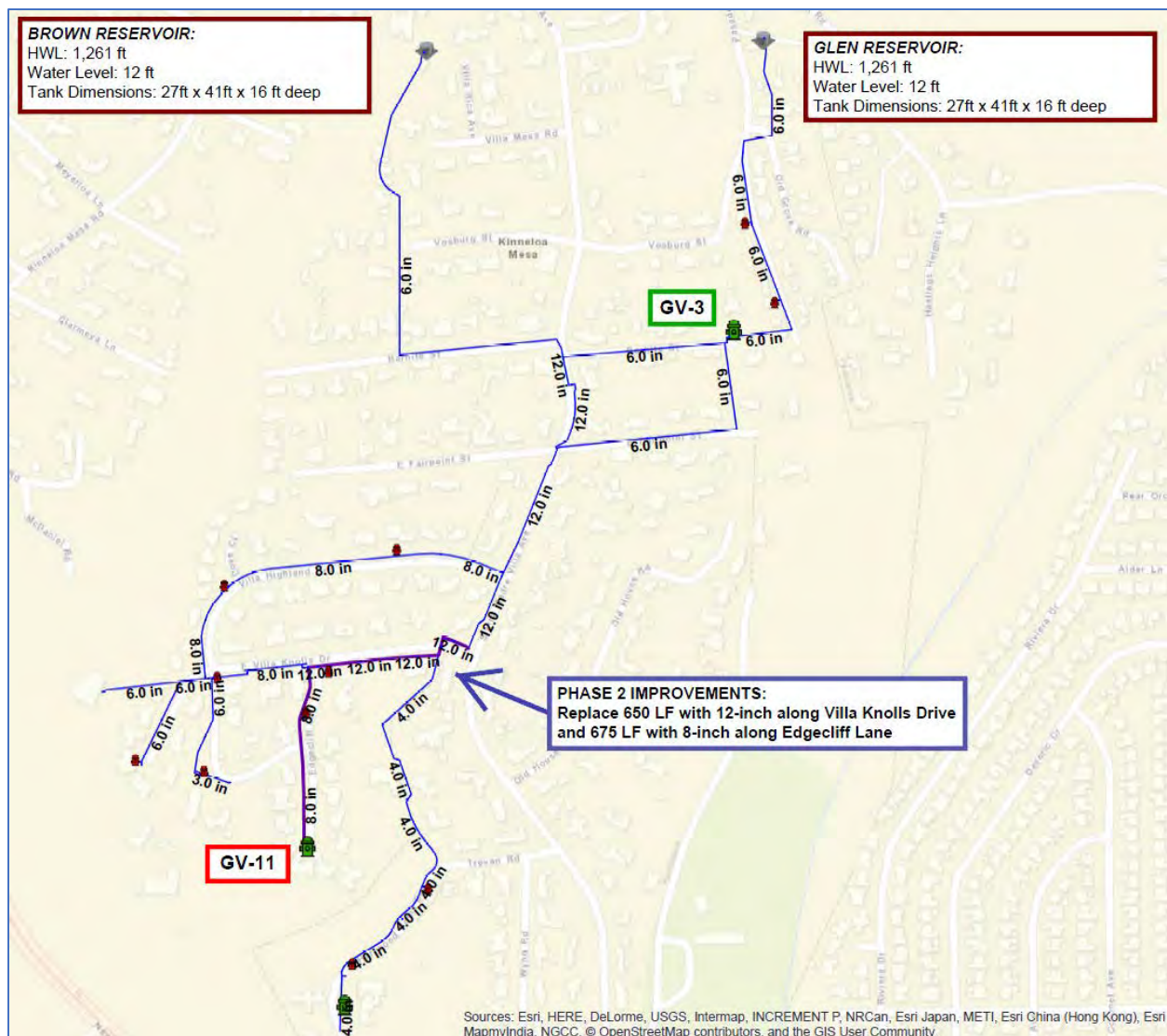
As shown in **Table 2**, replacing the pipelines will improve fire flow capabilities in the system but will not bring the Brown/Glen zone up to fire flow requirements. Additional improvements will need to be considered as shown under the results of implementing Phase 2 or Phase 3 improvements.



Phase 2 - Villa Knolls Drive / Edgecliff Avenue Improvements

Phase 2 will consist of replacing approximately 1,325 LF of existing pipelines with new 8-inch and 12-inch pipelines. Approximately 650 LF of pipeline will be replaced with new 12-inch pipelines along Villa Knolls Drive, between Sierra Madre Villa Avenue and Edgecliff Lane, and approximately 675 LF of existing pipeline will be replaced with 8-inch pipelines along Edgecliff Lane, from Villa Knolls Drive to the end of the cul-de-sac as shown in **Figure 4**.

Figure 4 – Phase 2 Improvements Configuration





Phase 2 - Scenario 1 Results

By allowing the Brown/Glen zone to be supplied by gravity flow from the Glen and Brown Reservoirs at an HWL of 1,261 feet in addition to the implementation of Phase 1 and Phase 2 pipeline improvements, the fire flows at fire hydrant GV-11 does improve but does not meet the required 1,250 gpm available fire flow requirement. There is a need for additional water supply to the system as shown in the results.

Results for this scenario are shown in Phase 2, Exhibit 1-2 to see the fire flows within the pipelines and Phase 2, Exhibit 1-3 to see the residual pressures within the pressure zone when supplied by gravity flow only. Phase 2 - Exhibit 1-1 shows the configuration of this scenario.

Phase 2 - Scenario 2 Results

In addition to both Phase 1 and Phase 2 pipeline improvements, by installing a new PRV Station near the intersection of Sierra Made Villa Avenue and Barhite Street and allowing the Vosburg to supply it, the available fire flow at fire hydrant GV-11 increases by 2,500 gpm providing an available fire flow of 2,950 gpm while not allowing GV-3 to produce a residual pressure below 0 psi. Fire flow requirement is met under this scenario.

Results for this scenario are shown in Phase 2, Exhibit 2-2 to see the fire flows within the pipelines and Phase 2, Exhibit 2-3 to see the residual pressures within the pressure zone when supplied by the reservoir's gravity flow and the addition of the new PRV station. Phase 2 - Exhibit 2-1 shows the configuration of this scenario.

Phase 2 - Scenario 3 Results

In addition to both Phase 1 and Phase 2 pipeline improvements, by activating the Wilcox Pump Station, fire hydrant GV-11 increases its available fire flow to 2,470 gpm while not allowing GV-3 to fall below a 0 psi residual pressure. This is well above the required fire flow.

Results for this scenario are shown in Phase 2, Exhibit 3-2 to see the fire flows within the pipelines and Phase 2, Exhibit 3-3 to see the residual pressures within the pressure zone when supplied by the reservoir's gravity flow and the Wilcox Pump Station. Phase 2 - Exhibit 3-1 shows the configuration of this scenario.

Phase 2 Overall Results

Exhibits for the Phase 2 Improvements are labeled as Phase 2, Exhibit 1-1 through Phase 2, Exhibit 3-3 in this report. Exhibits will contain the configuration of the phase improvement, flows within the pipelines under a fire flow event and the residual pressures when the appropriate fire hydrant is flowing. **Table 3** summarizes the findings under Phase 2 Improvements.



Table 3 – Residual Pressures and Allowable Fire Flows under Phase 2 Improvements

Phase	Supply Scenario	Allowable Fire Flow @ GV-11 (gpm)	Residual Pressure at GV-11 (psi)	Residual Pressure at GV-3 (psi)	Allowable Fire Flow @ GV-16 (gpm)	Residual Pressure at GV-16 (psi)	Residual Pressure at GV-3 (psi)
Phase 2 - Villa Knolls / Edgecliff Avenue Improvements							
	Scenario 1 – Reservoir Supply	975	58	2	-	-	-
	Scenario 2 – Reservoirs and Proposed PRV Supplied	2,950	21	23	-	-	-
	Scenario 3 – Reservoirs and Wilcox Pump Station Fed	2,470	21	2	-	-	-

As shown in **Table 3**, with the addition of the Phase 2 improvements after implementing Phase 1 improvements, fire flow capabilities in the system improve and the Brown/Glen zone will meet fire flow requirements under two of the three supply scenarios.

Pipeline improvements alone will not meet the required fire flow for this pressure zone. There must be additional source of supply to meet fire flow requirements.

Under Phase 2 improvements, by either implementing scenario 2 or scenario 3, all fire flow requirements are met at hydrant (GV-11) while maintain a residual pressure of over 0 psi at hydrant GV-3.

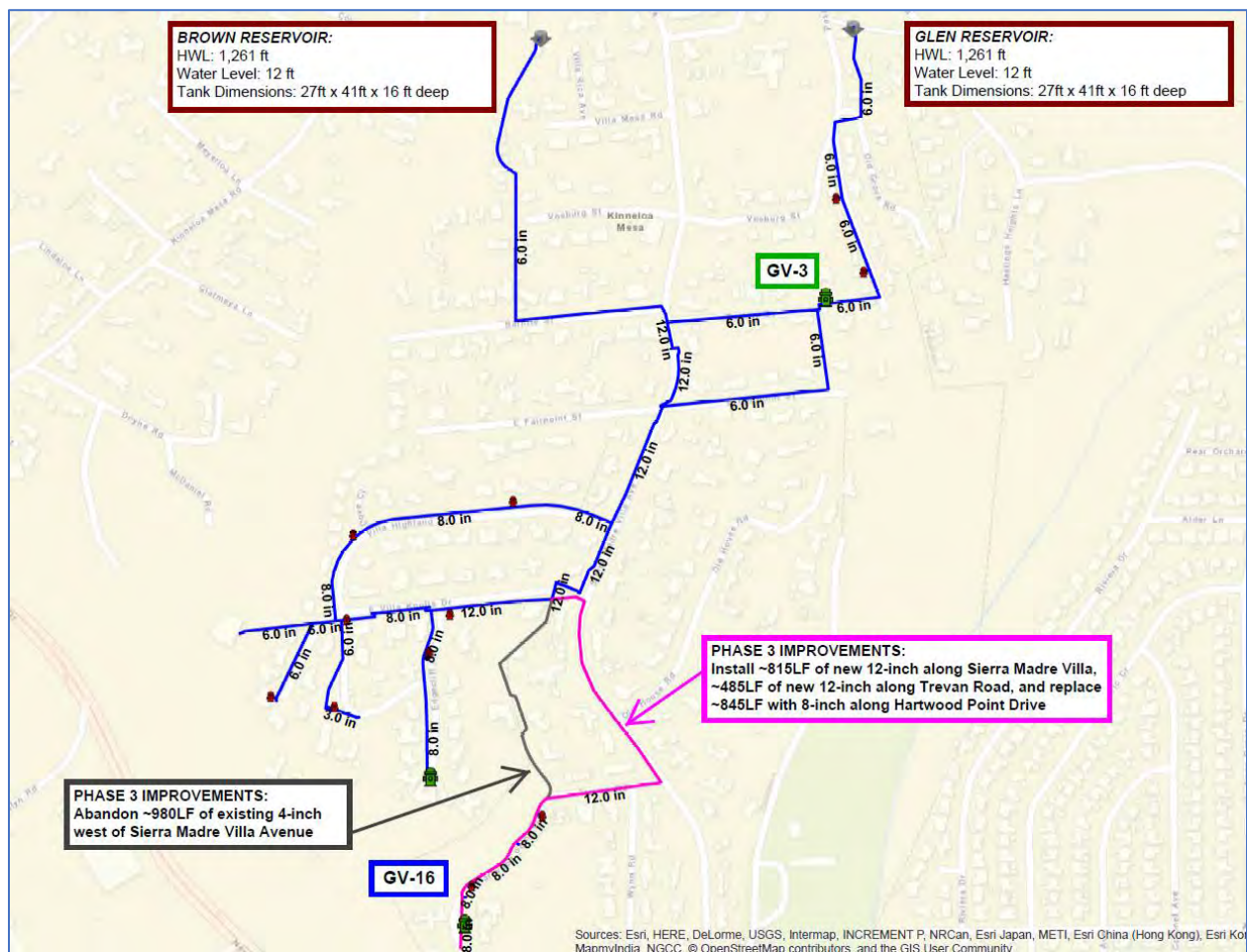


Phase 3 - Sierra Madre Villa, south of Villa Knolls Drive and Hartwood Point Improvements

Phase 3 will consist of installing approximately 815 LF of new 12-inch pipeline along Sierra Madre Villa, from a new tie-in at Villa Knolls Drive, south to Trevan Road. Under this phase, KID would also install approximately 485 LF of new 12-inch pipeline along Trevan Road, from Sierra Madre Villa to Hartwood Point, install 845 LF of new 8-inch pipelines along Hartwood Point Drive from Trevan Road to the end of Hartwood Point Drive as shown in **Figure 5**.

With the installation of new pipelines, approximately 980 LF of existing 4-inch steel pipeline going through the back lots of the residential homes west of Sierra Madre Villa Avenue, south of Villa Knolls Drive will be abandoned.

Figure 5 – Phase 3 Improvements Configuration





Phase 3 - Scenario 1 Results

By allowing the Brown/Glen zone to be supplied by gravity flow from the Glen and Brown Reservoirs at an HWL of 1,261 feet in addition to the implementation of Phase 1, Phase 2 and Phase 3 pipeline improvements, the fire flows at fire hydrant GV-16 does improve but does not meet the required 1,250 gpm available fire flow requirement. There is a need for additional water supply to the system as shown in the results.

Results for this scenario are shown in Phase 3, Exhibit 1-2 to see the fire flows within the pipelines and Phase 1, Exhibit 1-3 to see the residual pressures within the pressure zone when by supplied by gravity flow only. Phase 1 - Exhibit 1-1 shows the configuration of this scenario.

Phase 3 - Scenario 2 Results

In addition to all pipeline improvements, by installing a new PRV Station, the available fire flow at fire hydrant GV-16 increases by 2,000 gpm providing an available fire flow of 2,450 gpm while not allowing GV-3 to produce a residual pressure below 0 psi. Under this scenario, fire flow requirement is met.

Results for this scenario are shown in Phase 3, Exhibit 2-2 to see the fire flows within the pipelines and Phase 3, Exhibit 2-3 to see the residual pressures within the pressure zone when supplied by the reservoir's gravity flow and the addition of the new PRV station. Phase 3 - Exhibit 2-1 shows the configuration of this scenario.

Phase 3 - Scenario 3 Results

In addition to all pipeline improvements, by activating the Wilcox Pump Station, fire hydrant GV-16 increases its available fire flow to 2,185 gpm while not allowing GV-3 to fall below a 0 psi residual pressure. This is well above the required fire flow.

Results for this scenario are shown in Phase 3, Exhibit 3-2 to see the fire flows within the pipelines and Phase 3, Exhibit 3-3 to see the residual pressures within the pressure zone when supplied by the reservoir's gravity flow and the Wilcox Pump Station. Phase 3 - Exhibit 3-1 shows the configuration of this scenario.

Phase 3 Overall Results

Exhibits for the Phase 3 Improvements are labeled as Phase 3, Exhibit 1-1 through Phase 3, Exhibit 3-3 in this report. Exhibits will contain the configuration of the phase improvement, flows within the pipelines under a fire flow event and the residual pressures when the appropriate fire hydrant is flowing. **Table 4** summarizes the findings under Phase 3 Improvements.



Table 4 – Residual Pressures and Allowable Fire Flows under Phase 3 Improvements

Phase	Supply Scenario	Allowable Fire Flow @ GV-11 (gpm)	Residual Pressure at GV-11 (psi)	Residual Pressure at GV-3 (psi)	Allowable Fire Flow @ GV-16 (gpm)	Residual Pressure at GV-16 (psi)	Residual Pressure at GV-3 (psi)
Phase 3 - Sierra Madre Villa, south of Villa Knolls and Hartwood Point							
	Scenario 1 – Reservoir Supply				1,000	60	2
	Scenario 2 – Reservoirs and Proposed PRV Supplied				2,450	20	25
	Scenario 3 – Reservoirs and Wilcox Pump Station Fed				2,185	20	7

As shown in **Table 4**, with the addition of the Phase 3 improvements after implementing Phase 1 and Phase 2 improvements, fire flow capabilities in the system improve and the Brown/Glen zone will meet fire flow requirements under two of the three supply scenarios just like with Phase 2 improvements.

Under Phase 3 improvements, by either implementing scenario 2 or scenario 3, all fire flow requirements are met at hydrant (GV-13) while maintain a residual pressure of over 0 psi at hydrant GV-3.



CONCLUSIONS

Based upon the analysis performed, pipeline improvements from Phase 1, 2 and 3 will improve the Brown/Glen system fire flow to the required 1,250gpm minimum standard. The two critical fire hydrants meet fire flow requirements and system pressures at GV-3 does not go below 0 psi when either fire hydrant GV-11 or fire hydrant GV-16 is flowing. Phase 1 is a good starting point but it is recommended to implement Phase 2 and 3 by either allowing additional flow through the installation of a new PRV Station or allowing the Wilcox Pump Station to provide additional flow under a fire flow event within the Brown/Glen Zone.

Please contact the undersigned with any questions regarding these analyses.

Sincerely,

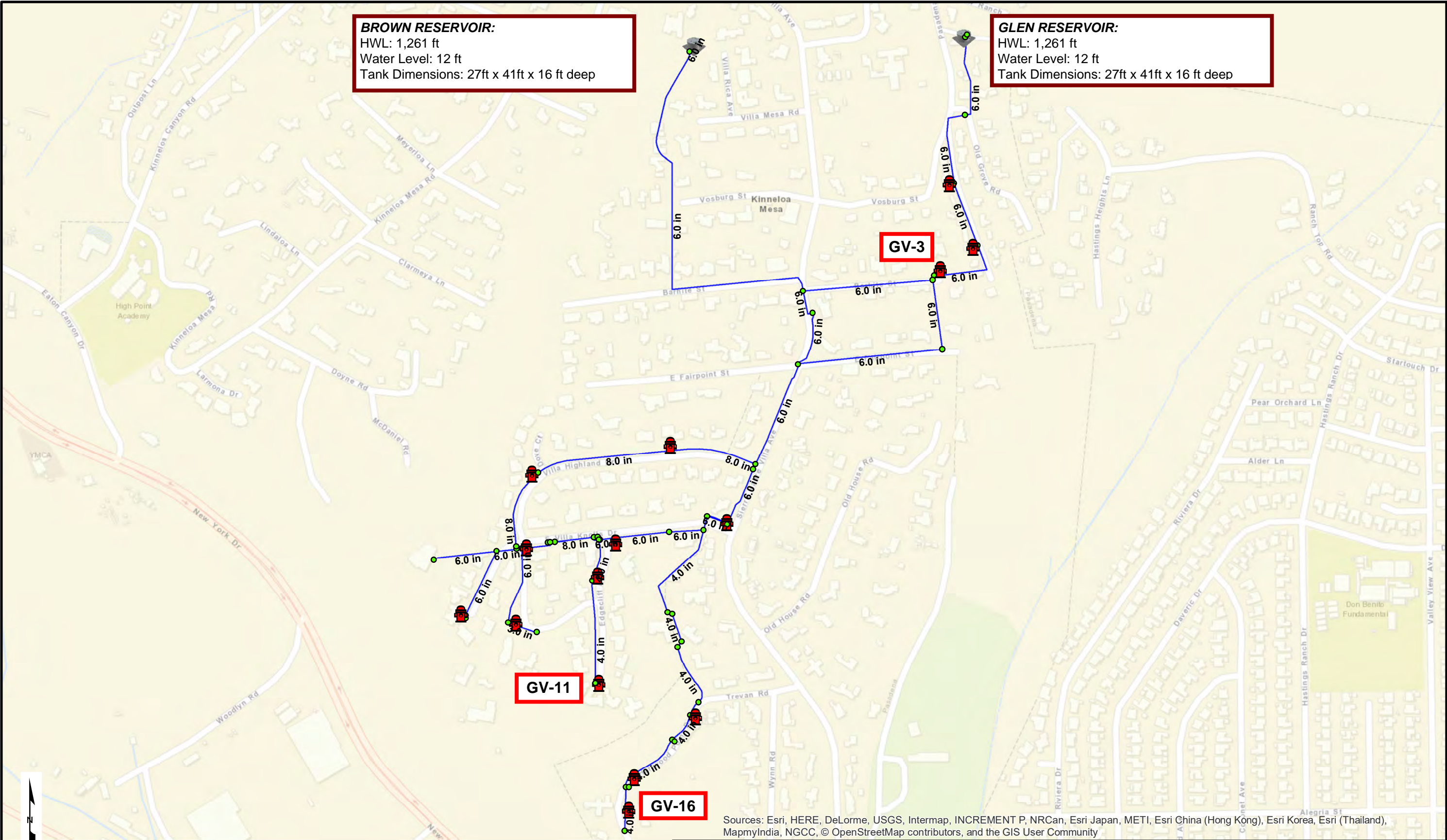
A handwritten signature in blue ink, appearing to read "Terry Kerger".

Terry Kerger, P.E.
Principal Engineer

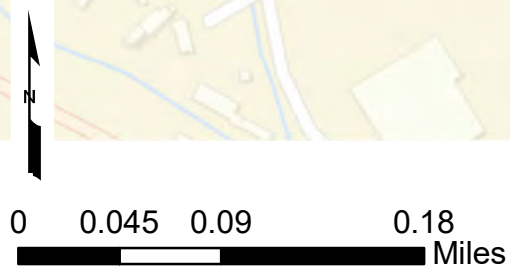
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BROWN RESERVOIR:
 HWL: 1,261 ft
 Water Level: 12 ft
 Tank Dimensions: 27ft x 41ft x 16 ft deep

GLEN RESERVOIR:
 HWL: 1,261 ft
 Water Level: 12 ft
 Tank Dimensions: 27ft x 41ft x 16 ft deep



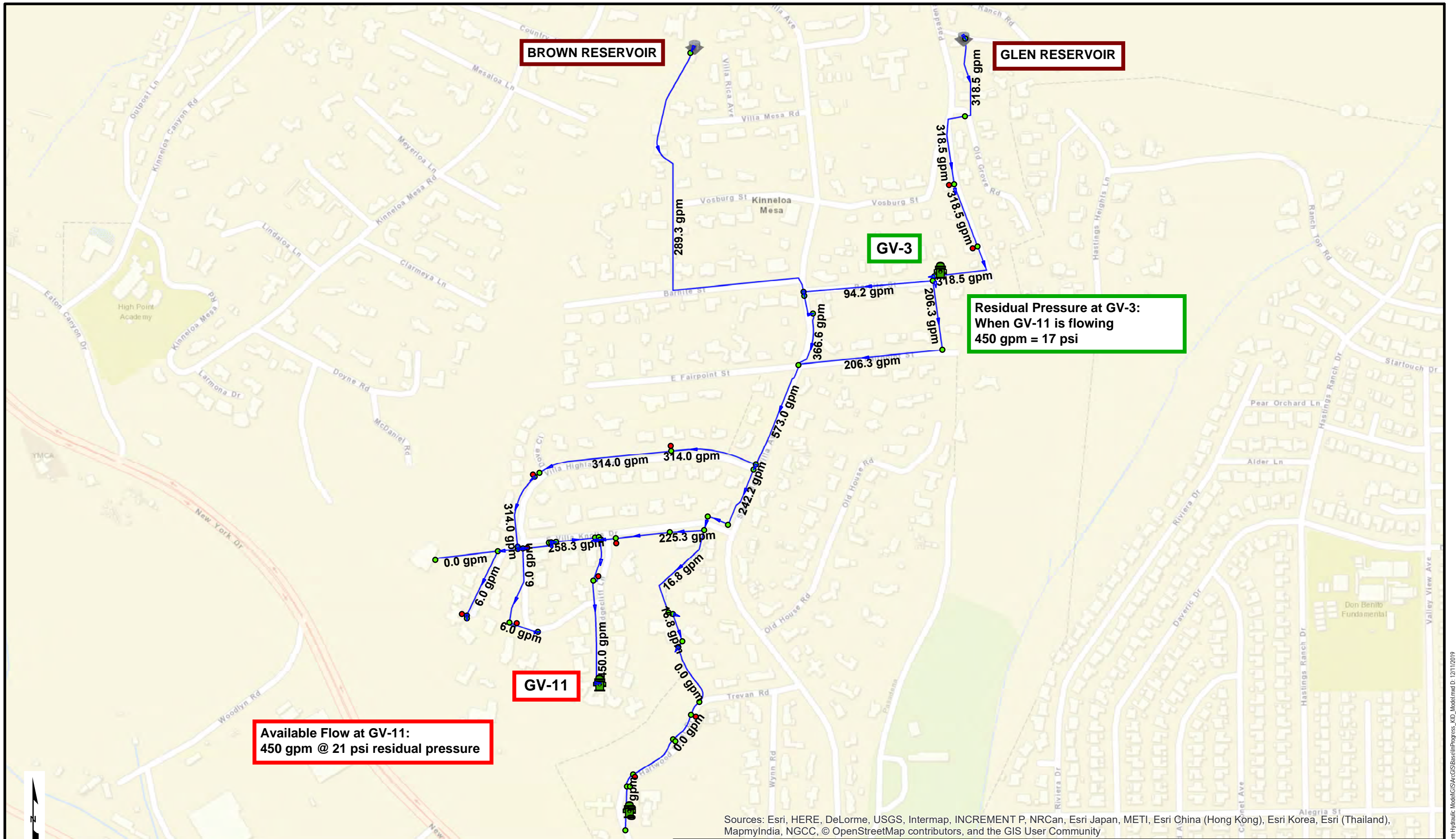
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PASADENA, CA
KINNELOA IRRIGATION DISTRICT
 EXISTING CONDITIONS
 FIRE FLOWS AND RESIDUAL PRESSURES

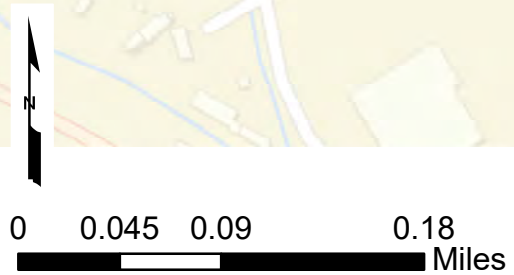
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EXHIBIT
0-1





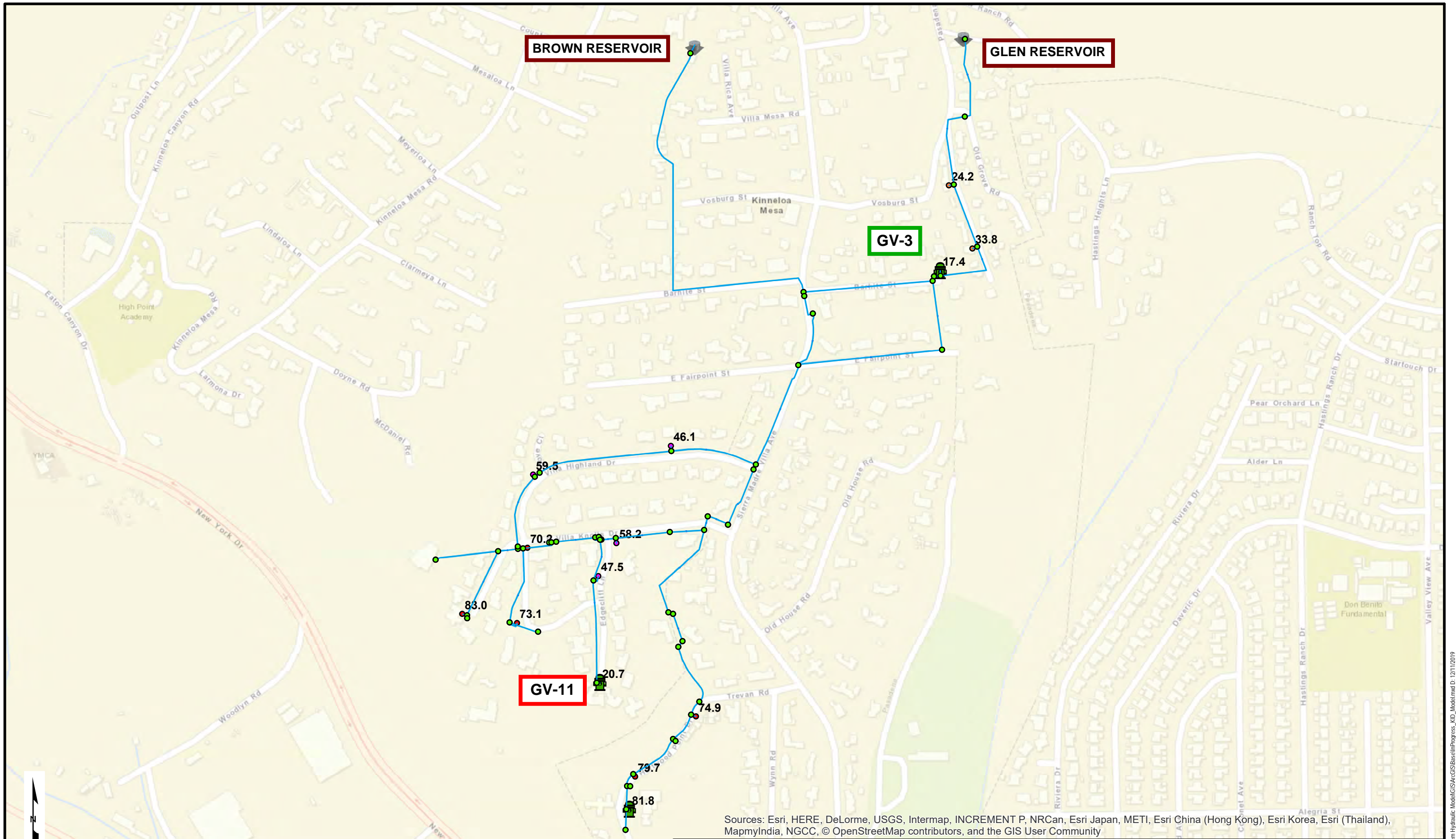
**Available Flow at GV-11:
450 gpm @ 21 psi residual pressure**

**Residual Pressure at GV-3:
When GV-11 is flowing
450 gpm = 17 psi**

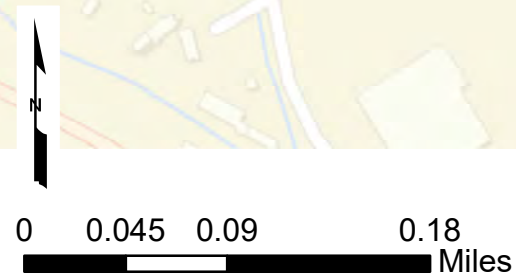
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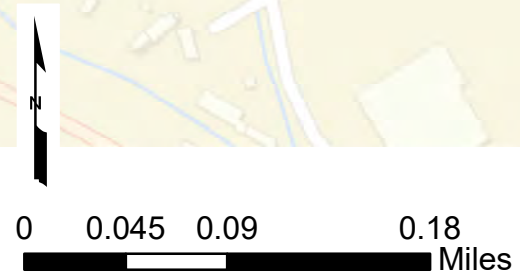
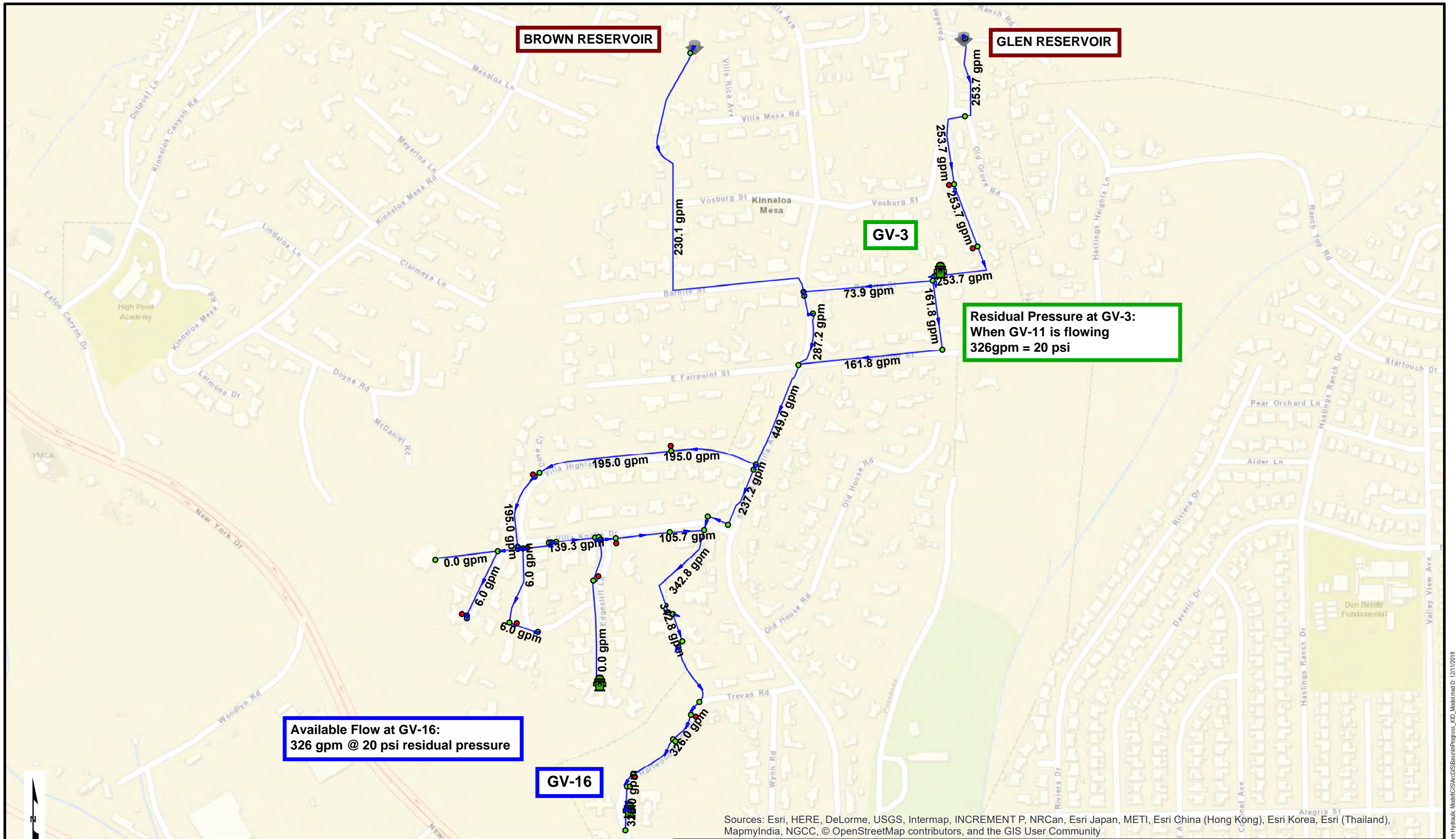
 KINNELOA IRRIGATION DISTRICT SPECIAL DISTRICT • PUBLIC WATER AGENCY	 CIVILTEC engineering inc.	118 W Lime Ave. Monrovia, CA 91016 Phone: 626.357.0588 Fax: 626.303.7957 Web: www.civiltec.com	PASADENA, CA	PHASE 0 EXHIBIT 0-2
			KINNELOA IRRIGATION DISTRICT EXISTING CONDITIONS PIPEFLOWS OF GV-11	





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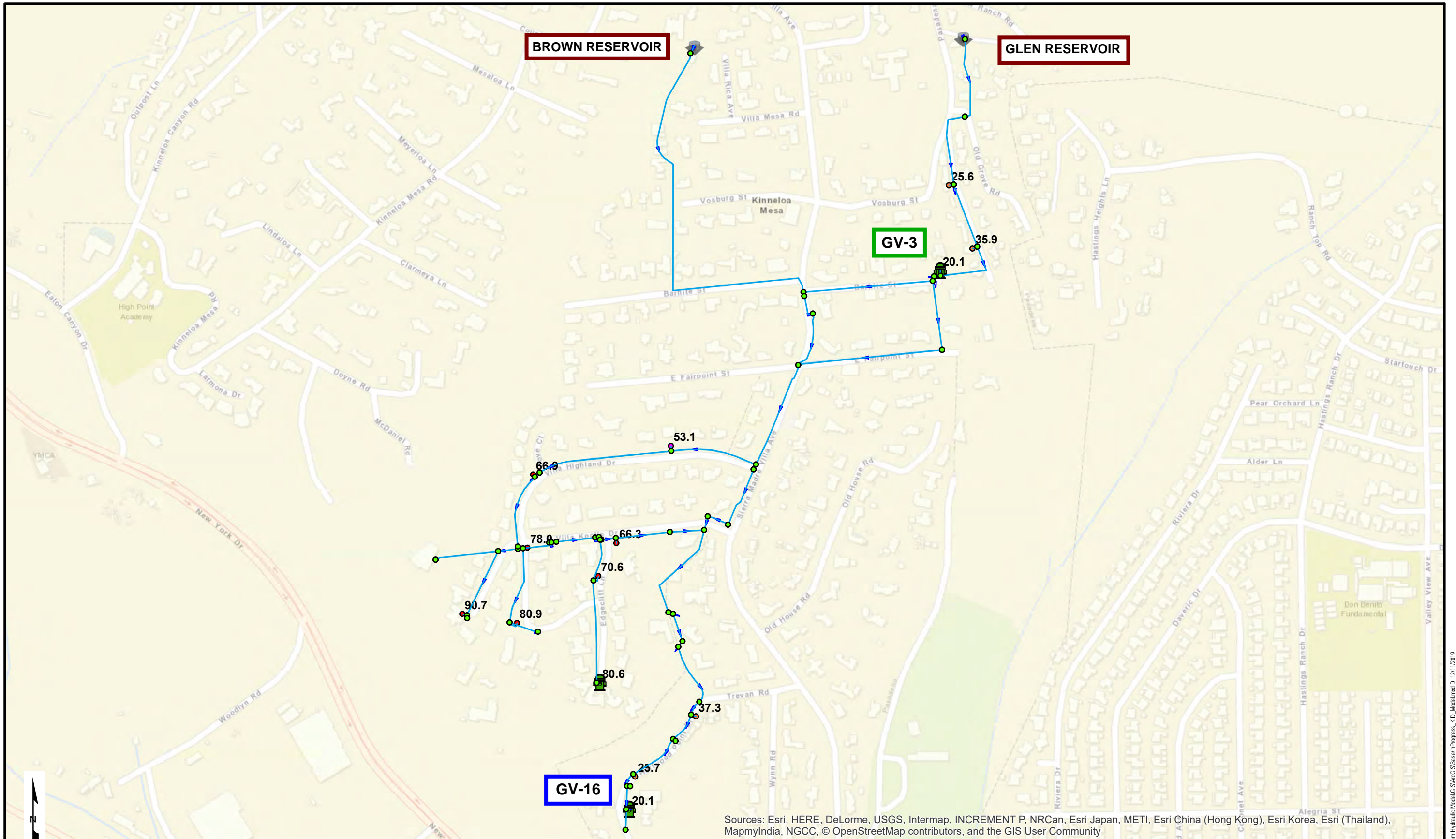


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			<p>KINNELOA IRRIGATION DISTRICT EXISTING CONDITIONS RESIDUAL PRESSURES OF GV-11</p>		

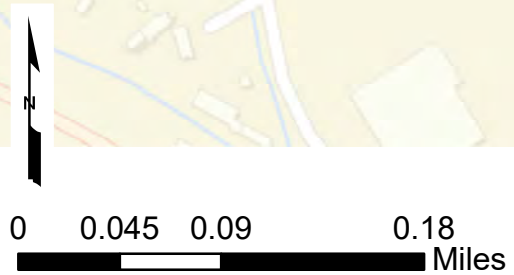




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Sources: Esri, HERE, DeLorme, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), MapmyIndia, NGCC, © OpenStreetMap contributors, and the GIS User Community



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BROWN RESERVOIR:
 HWL: 1,261 ft
 Water Level: 12 ft
 Tank Dimensions: 27ft x 41ft x 16 ft deep

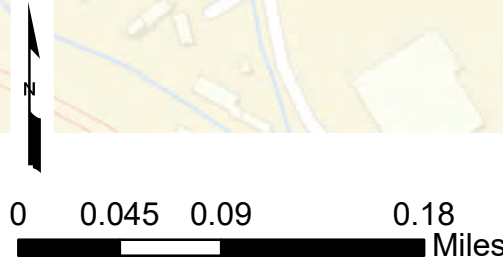
GLEN RESERVOIR:
 HWL: 1,261 ft
 Water Level: 12 ft
 Tank Dimensions: 27ft x 41ft x 16 ft deep

GV-3

PHASE 1 IMPROVEMENTS:
 Replace approximately 1,245 LF with 12-inch

GV-11

Sources: Esri, HERE, DeLorme, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), MapmyIndia, NGCC, © OpenStreetMap contributors, and the GIS User Community



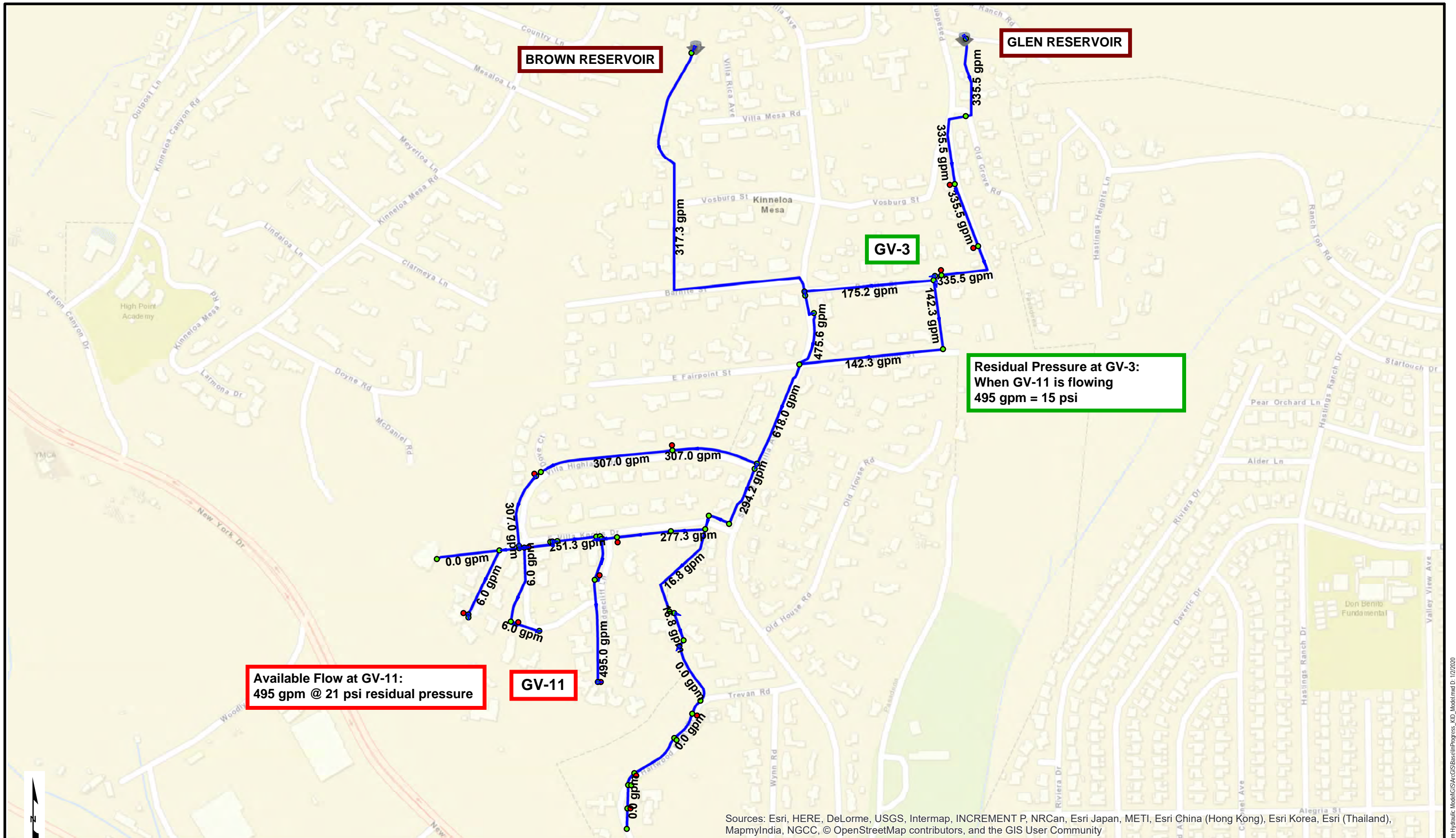
SCENARIO 1:
 Supplied by Brown and Glen Reservoir
 (Gravity Flow)



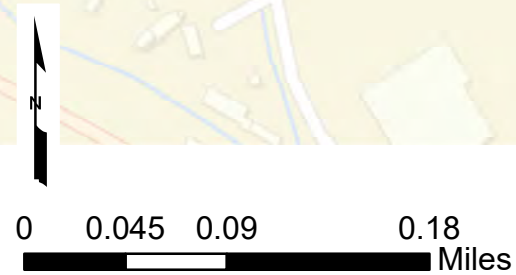
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PASADENA, CA
KINNELOA IRRIGATION DISTRICT
 PHASE 1 IMPROVEMENTS
 SCENARIO 1: CONFIGURATION

PHASE 1
EXHIBIT
1-1



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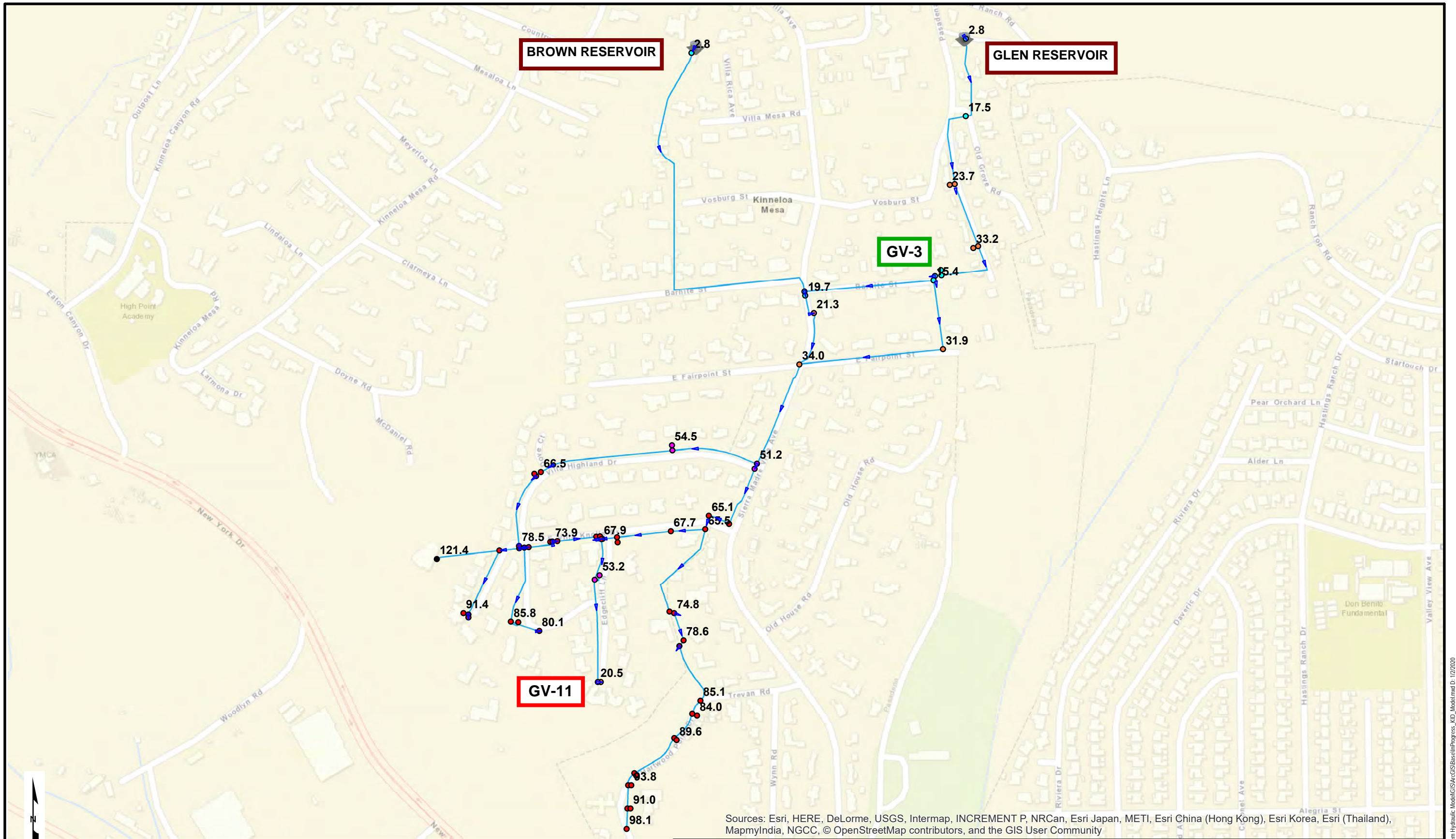
SCENARIO 1:
Supplied by Brown and Glen Reservoir
(Gravity Flow)



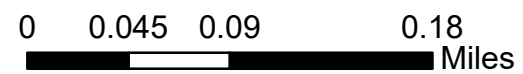
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KINNELOA IRRIGATION DISTRICT
PHASE 1 IMPROVEMENTS
SCENARIO 1: PIPE FLOWS

PHASE 1
EXHIBIT
1-2



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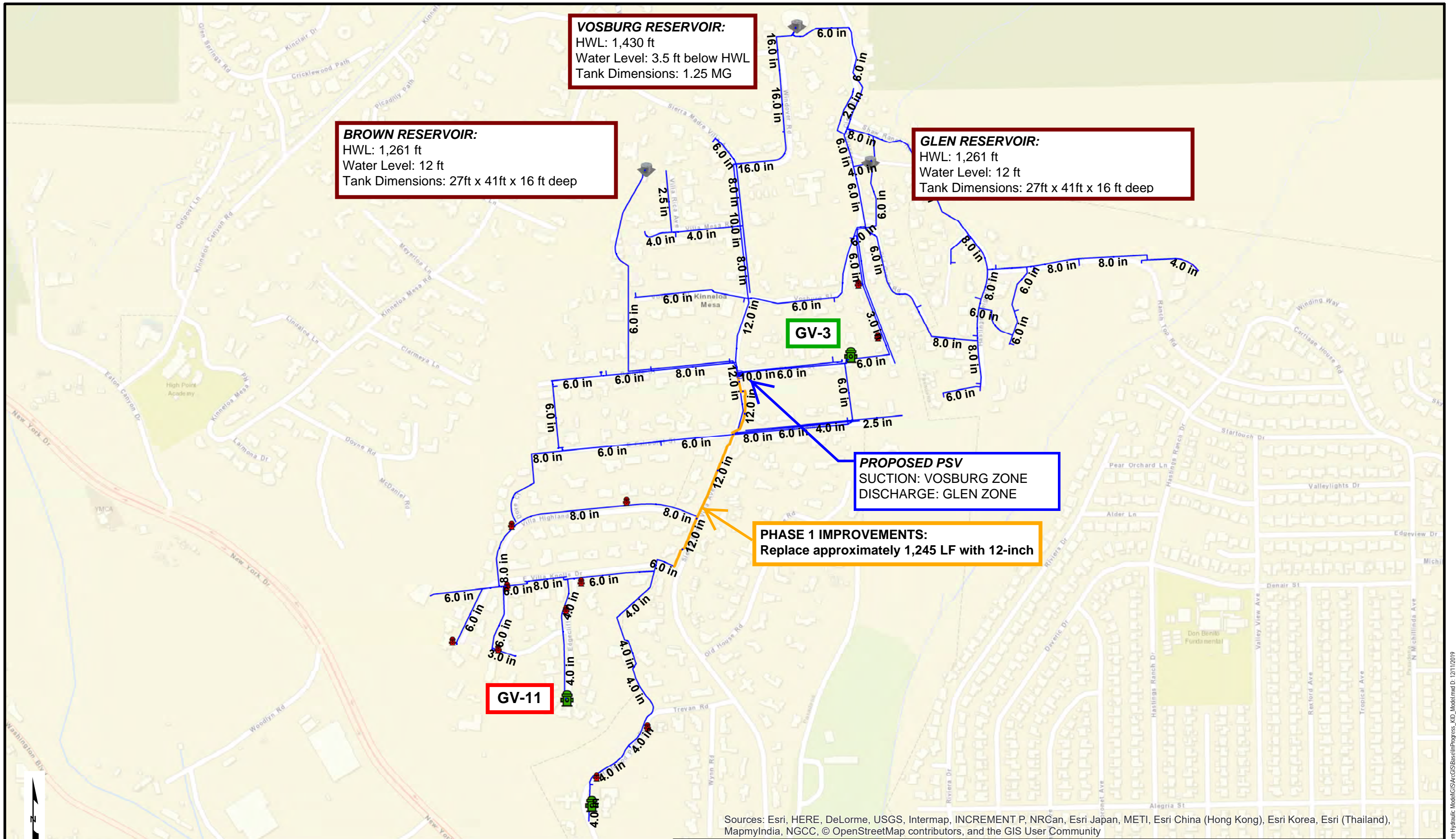
SCENARIO 1:
Supplied by Brown and Glen Reservoir
(Gravity Flow)



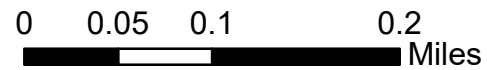
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PASADENA, CA
 KINNELOA IRRIGATION DISTRICT
 PHASE 1 IMPROVEMENTS
 SCENARIO 1: RESIDUAL PRESSURE



PHASE 1
EXHIBIT
1-3

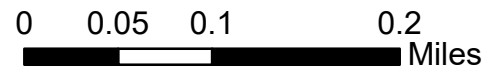
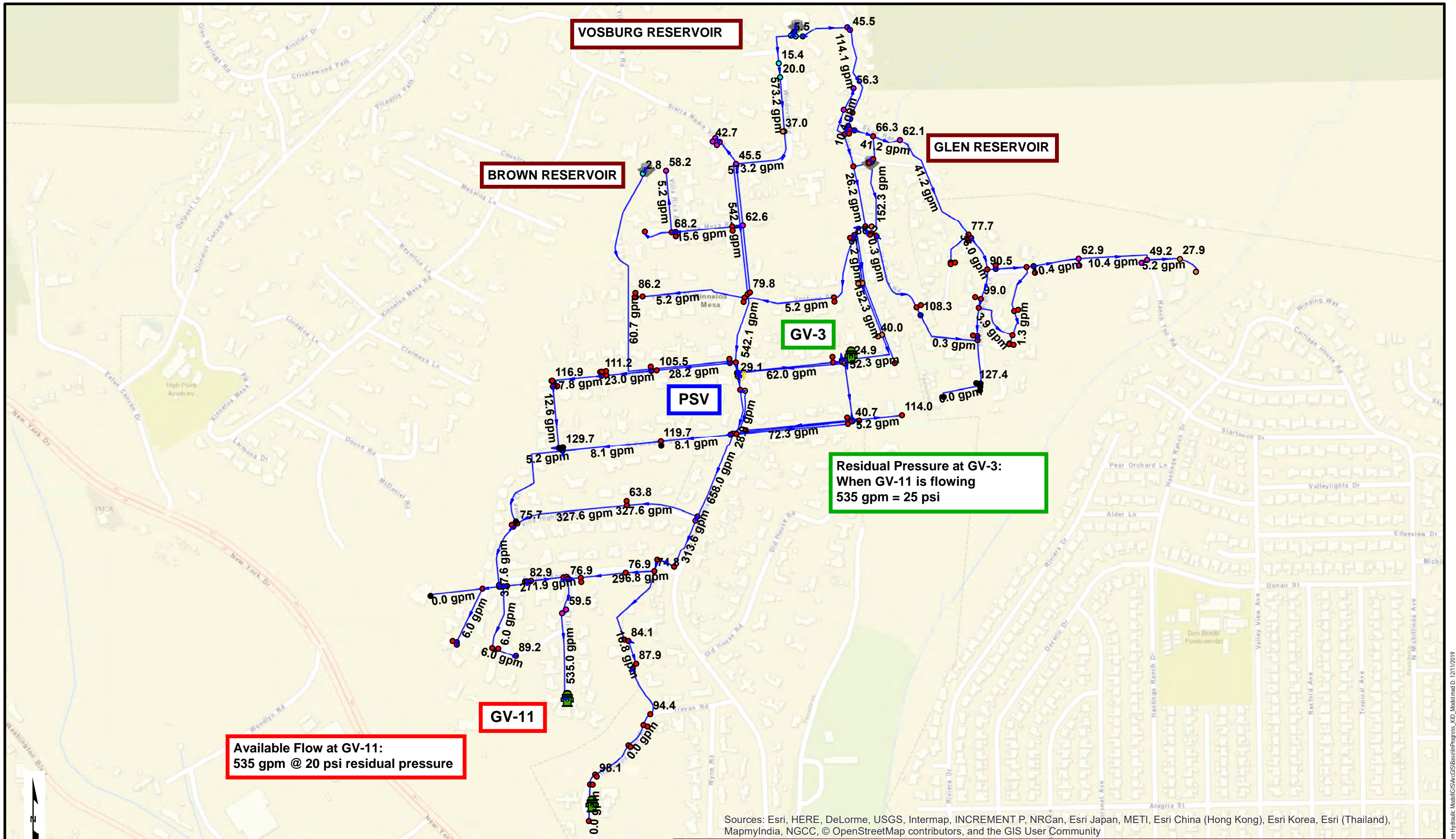


Sources: Esri, HERE, DeLorme, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), MapmyIndia, NGCC, © OpenStreetMap contributors, and the GIS User Community



SCENARIO 2:
 Supplied by gravity flow of reservoirs &
 PSV (Pressure Sustaining Valve)

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			KINNELOA IRRIGATION DISTRICT PHASE 2 IMPROVEMENTS SCENARIO 2: CONFIGURATION		



**SCENARIO 2:
Supplied by gravity flow of reservoirs &
PSV (Pressure Sustaining Valve)**

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Legend

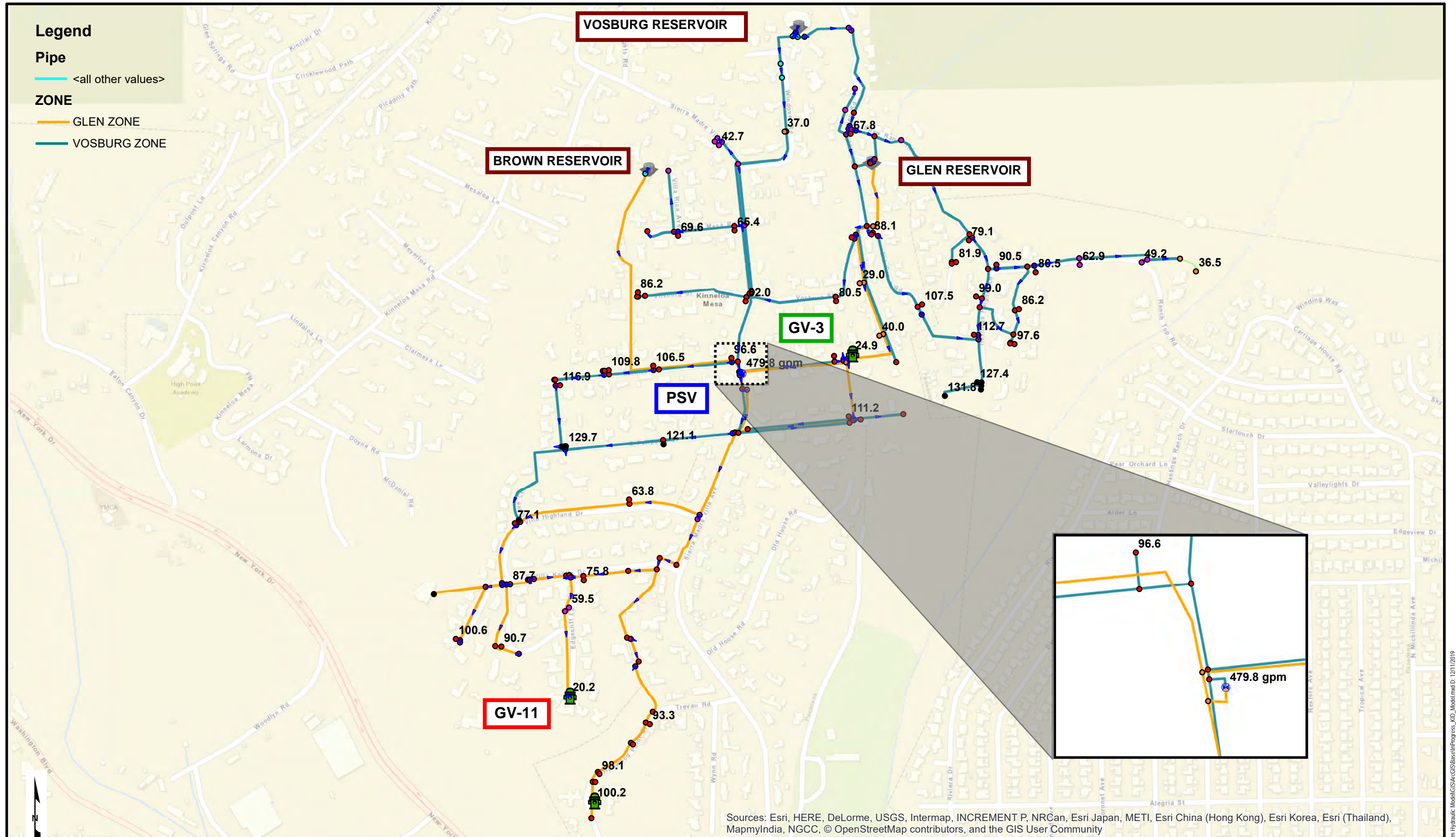
Pipe

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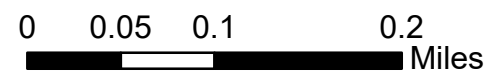
ZONE

GLEN ZONE

VOSBURG ZONE



Sources: Esri, HERE, DeLorme, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), MapmyIndia, NGCC, © OpenStreetMap contributors, and the GIS User Community



SCENARIO 2:
Supplied by gravity flow of reservoirs & PSV (Pressure Sustaining Valve)



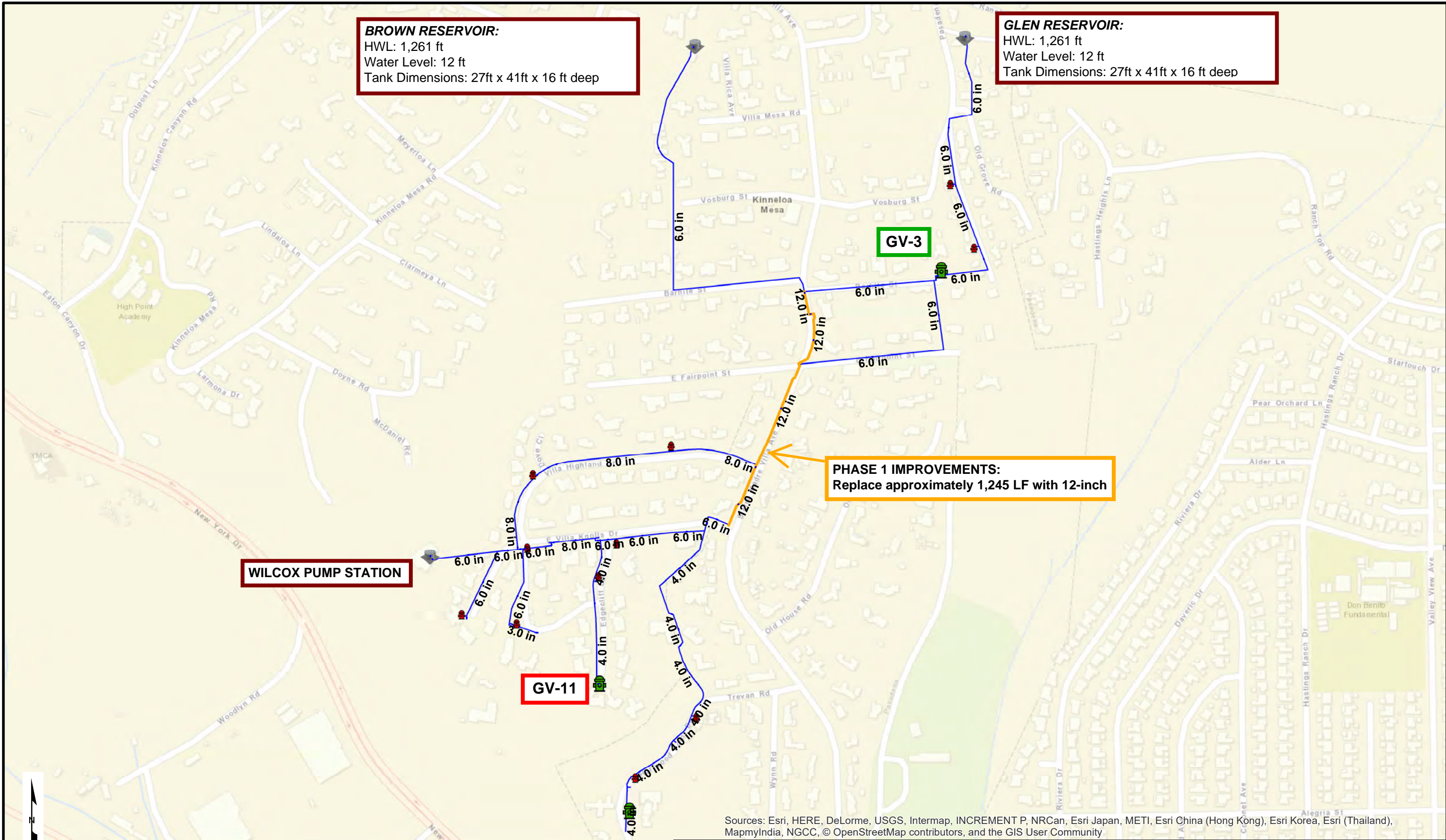
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PASADENA, CA
KINNELOA IRRIGATION DISTRICT
PHASE 1 IMPROVEMENTS
SCENARIO 2: RESIDUAL PRESSURES

PHASE 1
EXHIBIT
2-3

BROWN RESERVOIR:
 HWL: 1,261 ft
 Water Level: 12 ft
 Tank Dimensions: 27ft x 41ft x 16 ft deep

GLEN RESERVOIR:
 HWL: 1,261 ft
 Water Level: 12 ft
 Tank Dimensions: 27ft x 41ft x 16 ft deep

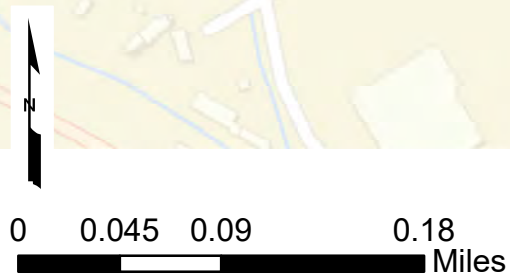


WILCOX PUMP STATION

GV-11

GV-3

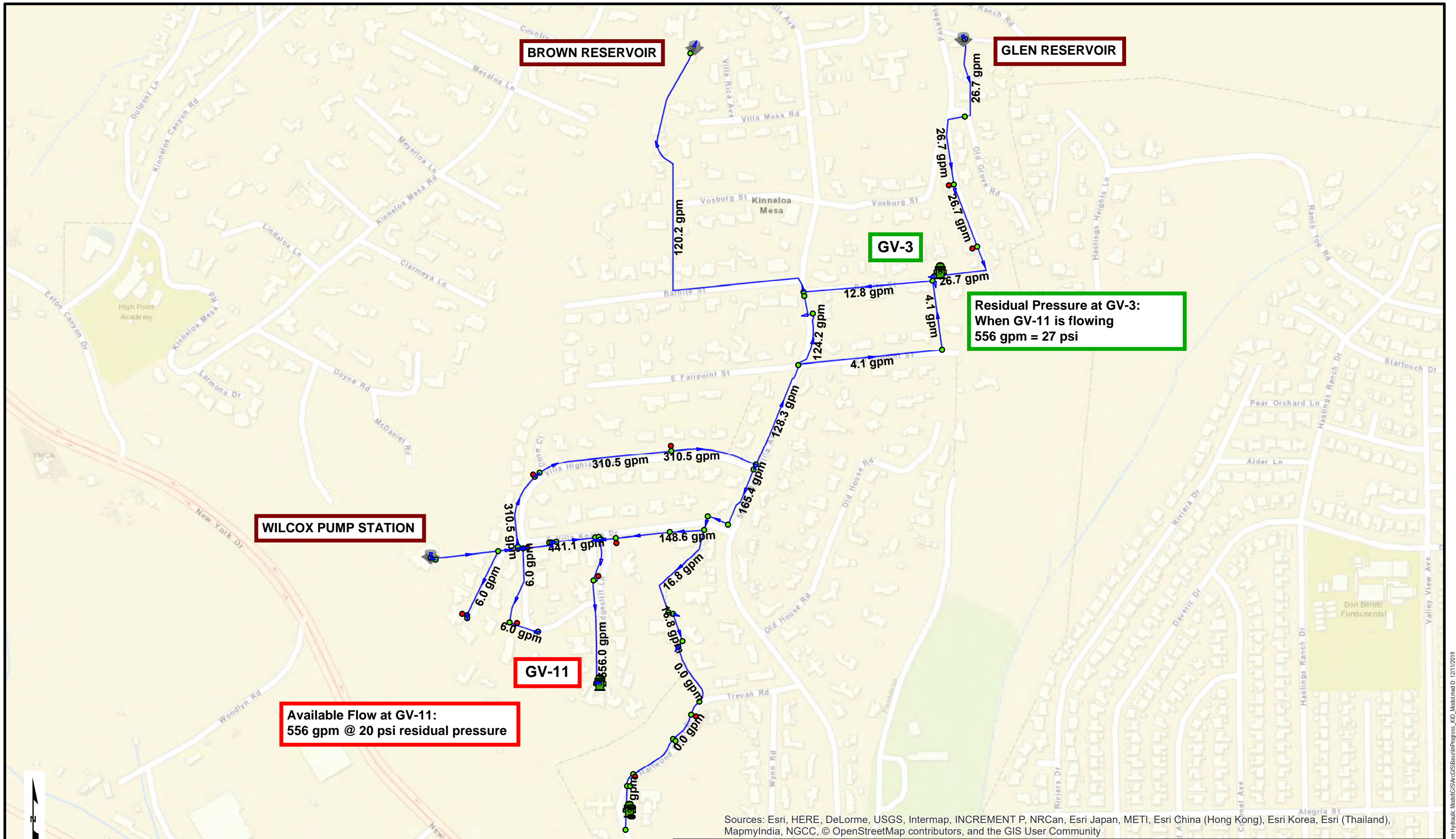
PHASE 1 IMPROVEMENTS:
 Replace approximately 1,245 LF with 12-inch



SCENARIO 3:
 Supplied by gravity flow of reservoirs &
 Wilcox Pump Stations

Sources: Esri, HERE, DeLorme, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), MapmyIndia, NGCC, © OpenStreetMap contributors, and the GIS User Community

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Sources: Esri, HERE, DeLorme, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), MapmyIndia, NGCC, © OpenStreetMap contributors, and the GIS User Community



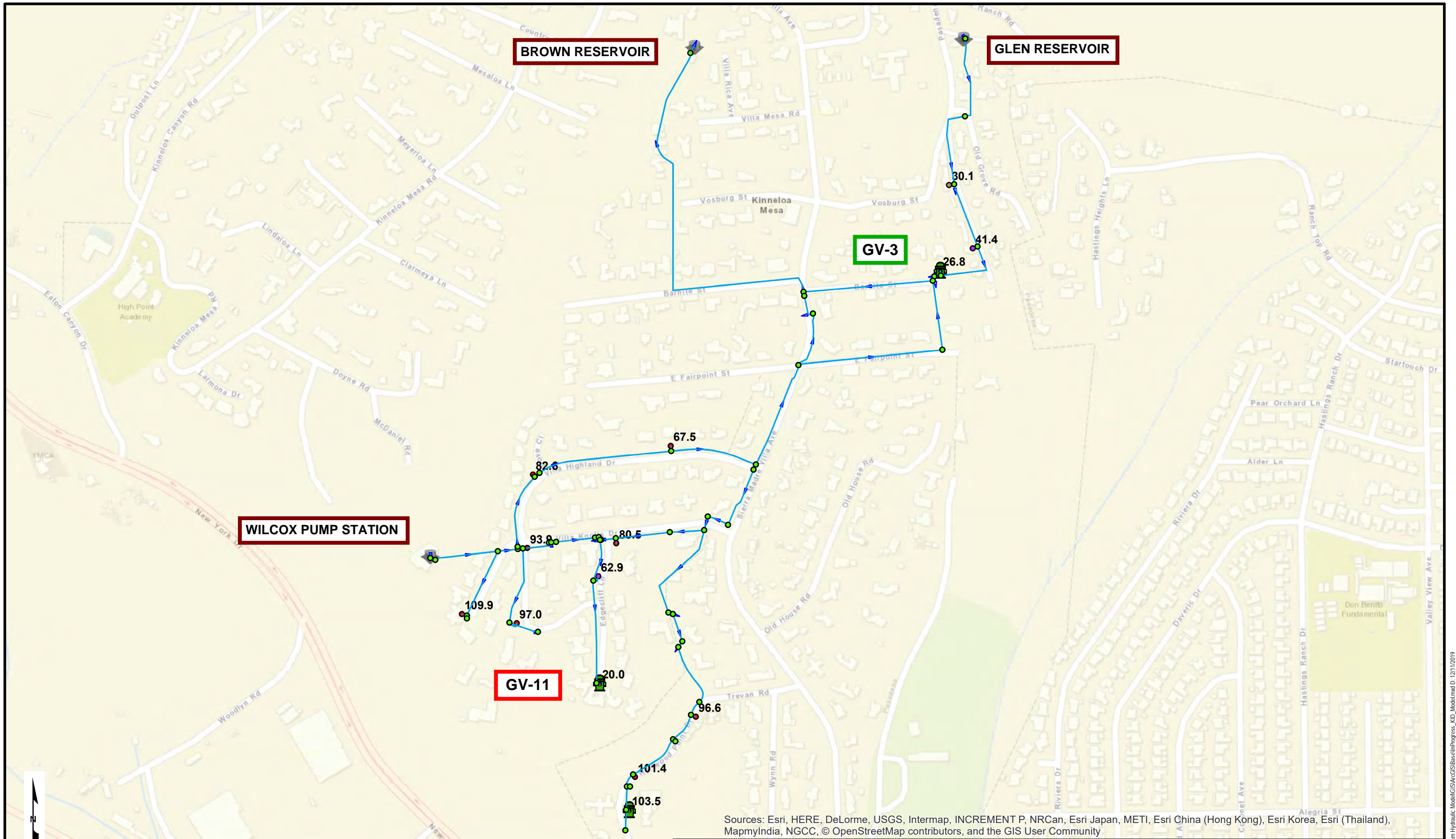
SCENARIO 3:
Supplied by gravity flow of reservoirs & Wilcox Pump Stations



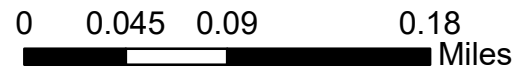
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KINNELOA IRRIGATION DISTRICT
PHASE 1 IMPROVEMENTS
SCENARIO 3: PIPE FLOWS

PHASE 1
EXHIBIT
3-2



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SCENARIO 3:
Supplied by gravity flow of reservoirs & Wilcox Pump Stations



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PHASE 1 IMPROVEMENTS
SCENARIO 3: RESIDUAL PRESSURES

PHASE 1
EXHIBIT
3-3

BROWN RESERVOIR:
 HWL: 1,261 ft
 Water Level: 12 ft
 Tank Dimensions: 27ft x 41ft x 16 ft deep

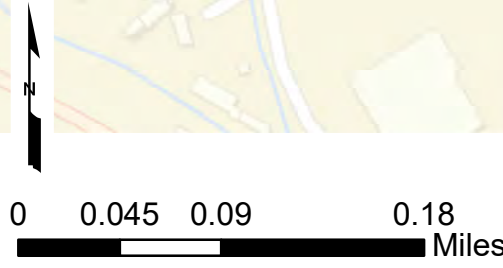
GLEN RESERVOIR:
 HWL: 1,261 ft
 Water Level: 12 ft
 Tank Dimensions: 27ft x 41ft x 16 ft deep

GV-3

GV-11

PHASE 2 IMPROVEMENTS:
 Replace 650 LF with 12-inch along Villa Knolls Drive
 and 675 LF with 8-inch along Edgecliff Lane

Sources: Esri, HERE, DeLorme, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), MapmyIndia, NGCC, © OpenStreetMap contributors, and the GIS User Community

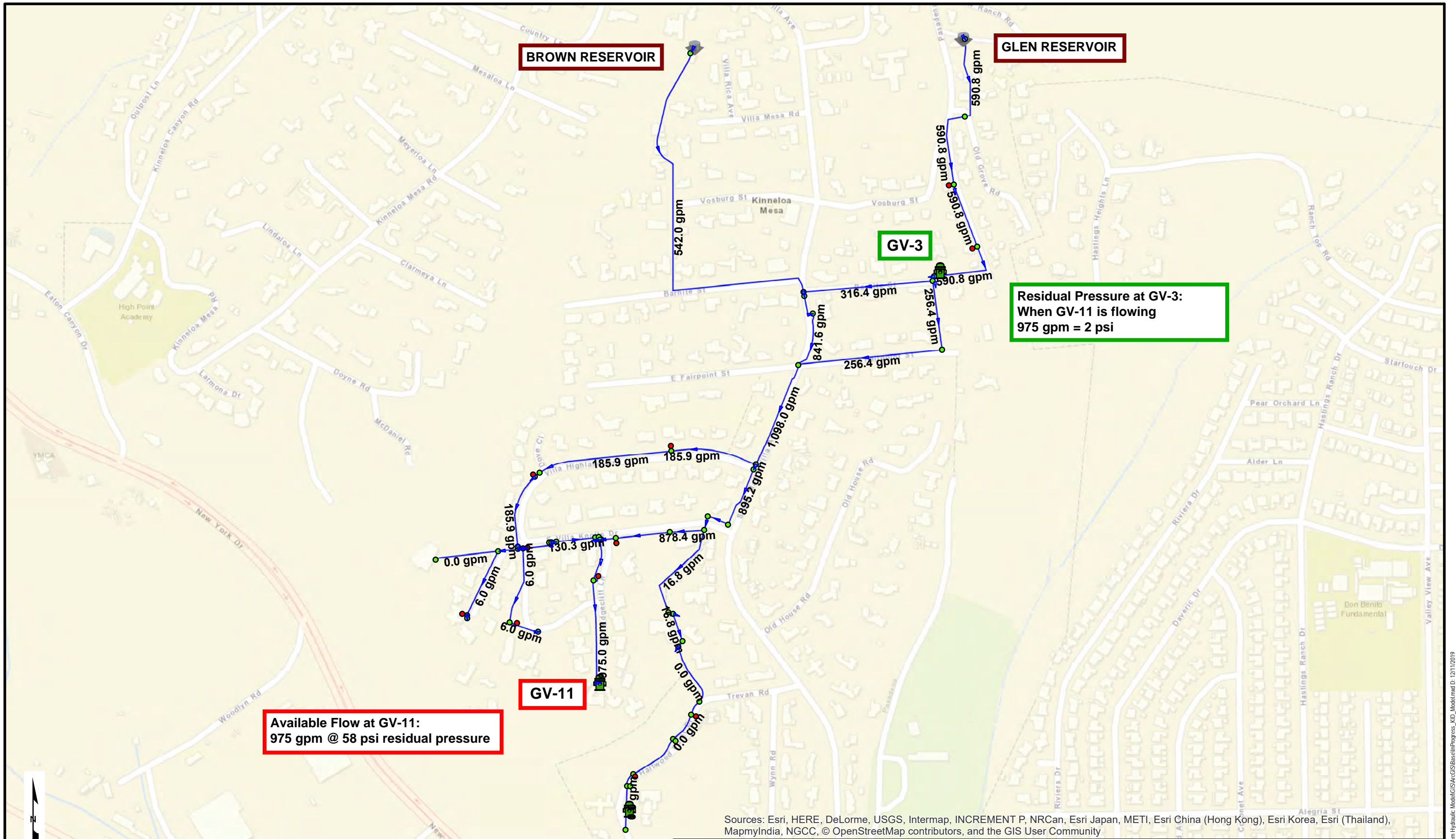


SCENARIO 1:
 Supplied by Brown and Glen Reservoir
 (Gravity Flow)



PASADENA, CA
 KINNELOA IRRIGATION DISTRICT
 PHASE 2 IMPROVEMENTS
 SCENARIO 1: CONFIGURATION

PHASE 2
EXHIBIT
1-1



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0 0.045 0.09 0.18 Miles

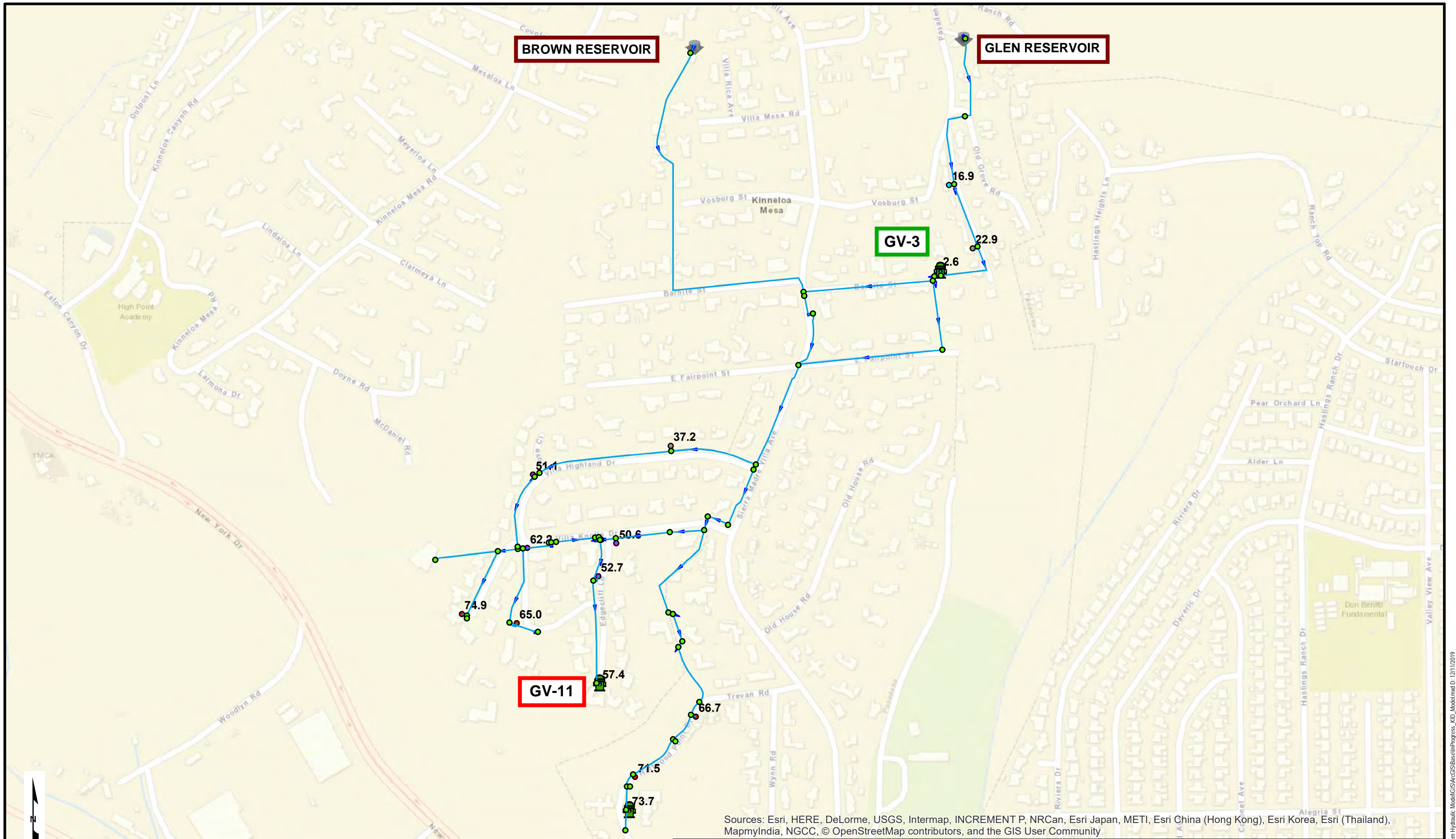
SCENARIO 1:
Supplied by Brown and Glen Reservoir
(Gravity Flow)



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PHASE 2 IMPROVEMENTS
SCENARIO 1: PIPE FLOWS

PHASE 2
EXHIBIT
1-2



0 0.045 0.09 0.18 Miles

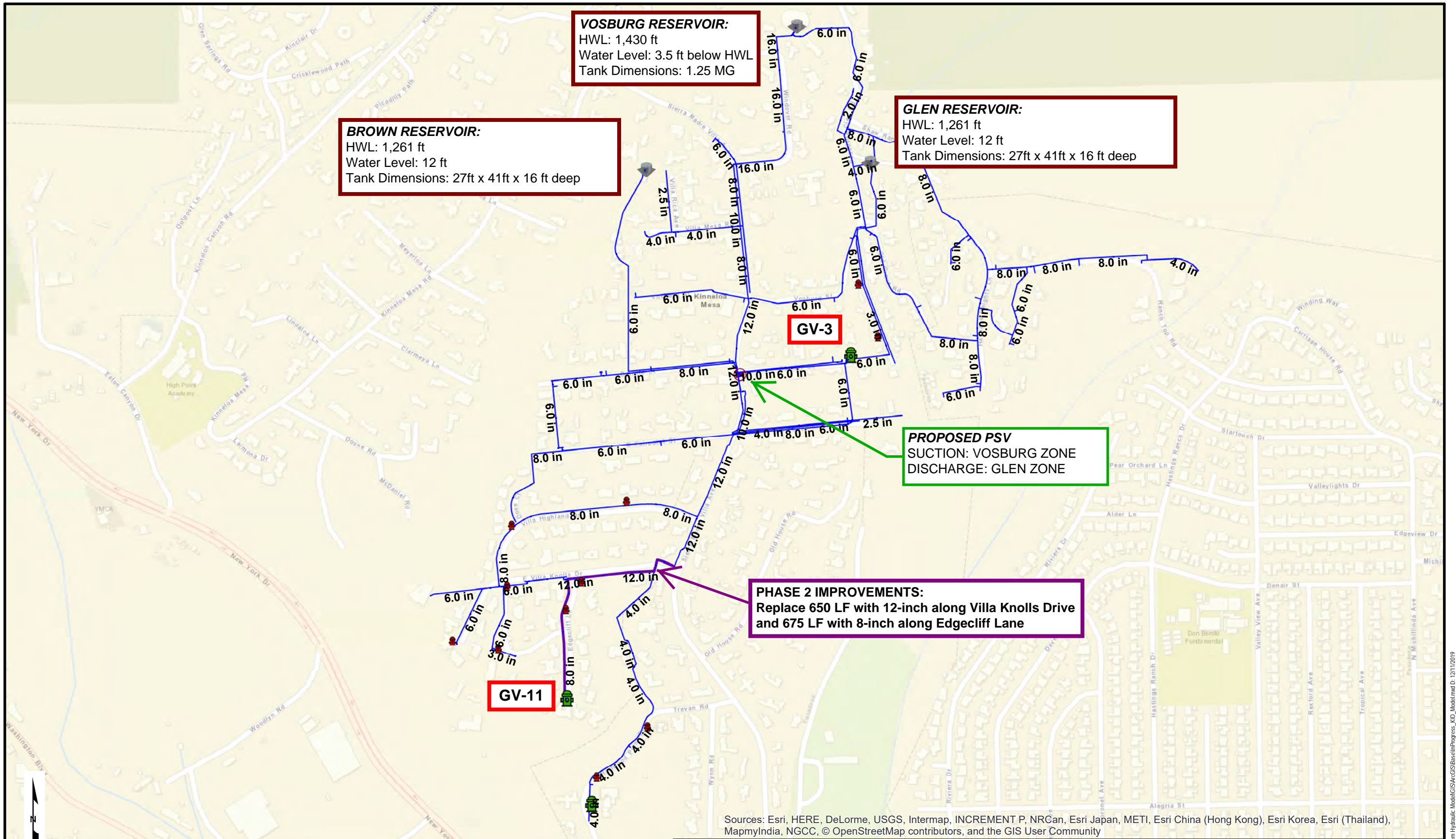
SCENARIO 1:
Supplied by Brown and Glen Reservoir
(Gravity Flow)



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 PHASE 2 IMPROVEMENTS
 SCENARIO 1: RESIDUAL PRESSURES

PHASE 2
EXHIBIT
1-3



VOSBURG RESERVOIR:
 HWL: 1,430 ft
 Water Level: 3.5 ft below HWL
 Tank Dimensions: 1.25 MG

BROWN RESERVOIR:
 HWL: 1,261 ft
 Water Level: 12 ft
 Tank Dimensions: 27ft x 41ft x 16ft deep

GLEN RESERVOIR:
 HWL: 1,261 ft
 Water Level: 12 ft
 Tank Dimensions: 27ft x 41ft x 16ft deep

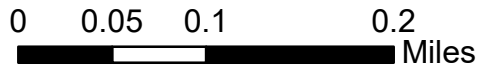
GV-3

PROPOSED PSV
 SUCTION: VOSBURG ZONE
 DISCHARGE: GLEN ZONE



PHASE 2 IMPROVEMENTS:
 Replace 650 LF with 12-inch along Villa Knolls Drive
 and 675 LF with 8-inch along Edgecliff Lane

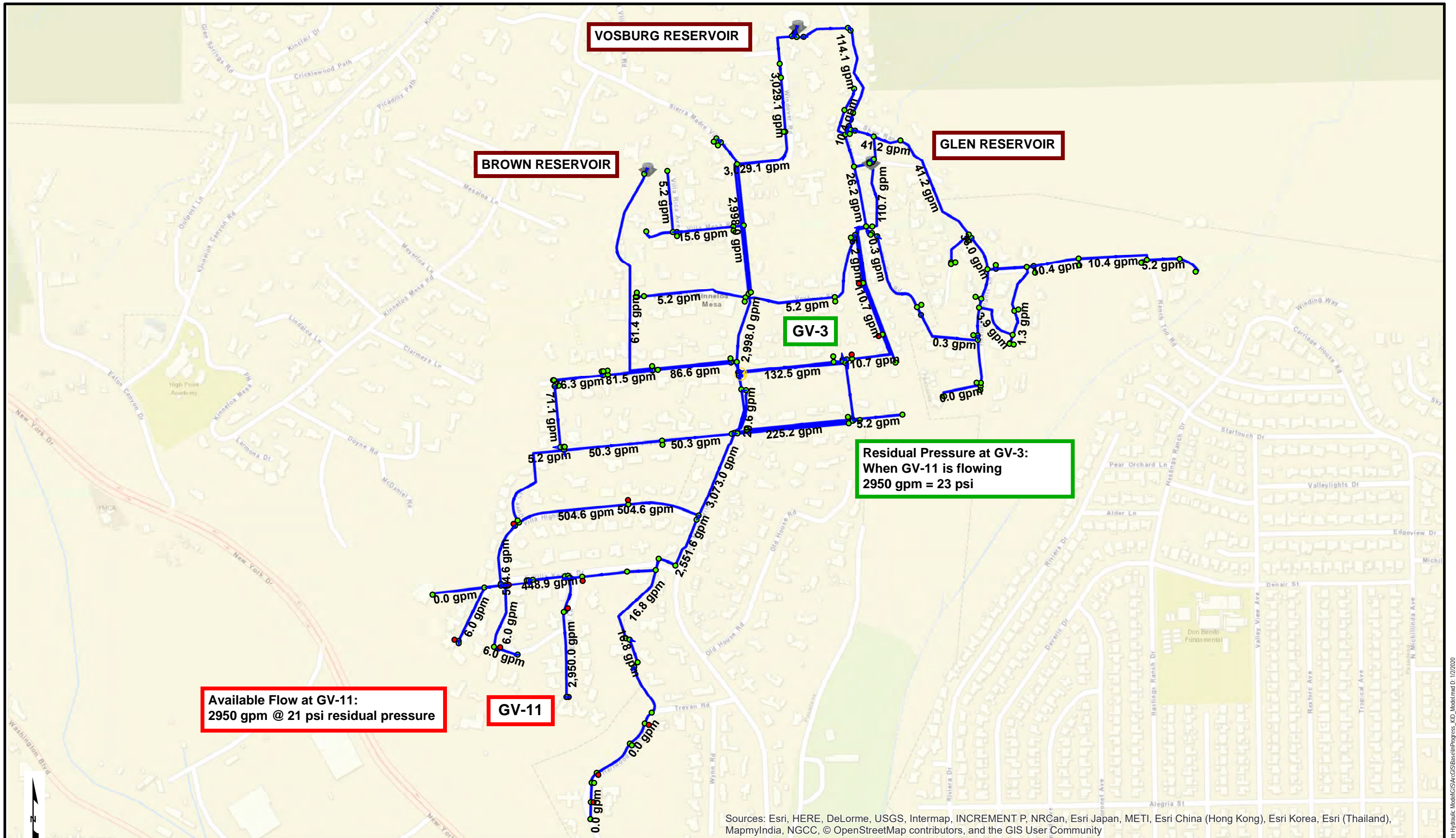
GV-11

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SCENARIO 2:
 Supplied by gravity flow of reservoirs &
 PSV (Pressure Sustaining Valve)

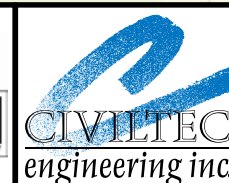
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			KINNELOA IRRIGATION DISTRICT PHASE 2 IMPROVEMENTS SCENARIO 2: CONFIGURATION		



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0 0.05 0.1 0.2 Miles

SCENARIO 2:
Supplied by gravity flow of reservoirs & PSV (Pressure Sustaining Valve)



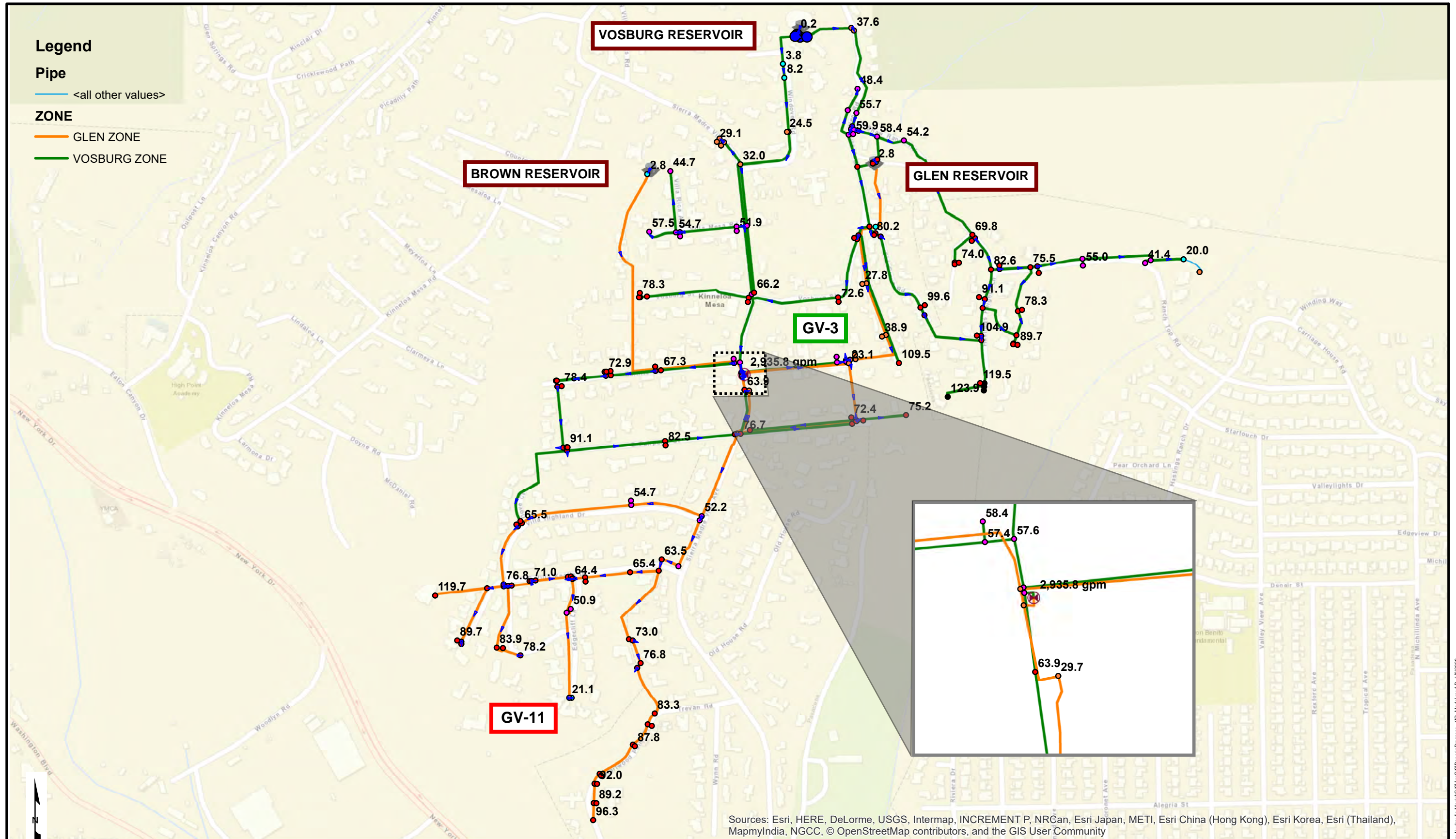
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KINNELOA IRRIGATION DISTRICT
PHASE 2 IMPROVEMENTS
SCENARIO 2: PIPE FLOWS

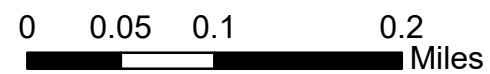
PHASE 2
EXHIBIT 2-2

Legend

- Pipe**
— <all other values>
- ZONE**
— GLEN ZONE
— VOSBURG ZONE



Sources: Esri, HERE, DeLorme, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), MapmyIndia, NGCC, © OpenStreetMap contributors, and the GIS User Community



SCENARIO 2:
 Supplied by gravity flow of reservoirs &
 PSV (Pressure Sustaining Valve)



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 PHASE 2 IMPROVEMENTS
 SCENARIO 2: RESIDUAL PRESSURES

PHASE 2
EXHIBIT
2-3

BROWN RESERVOIR:
 HWL: 1,261 ft
 Water Level: 12 ft
 Tank Dimensions: 27ft x 41ft x 16 ft deep

GLEN RESERVOIR:
 HWL: 1,261 ft
 Water Level: 12 ft
 Tank Dimensions: 27ft x 41ft x 16 ft deep

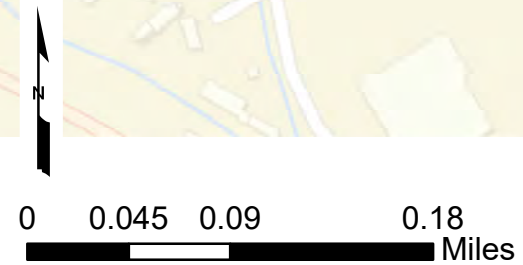
WILCOX PUMP STATION

PHASE 2 IMPROVEMENTS:
 Replace 650 LF with 12-inch along Villa Knolls Drive
 and 675 LF with 8-inch along Edgecliff Lane

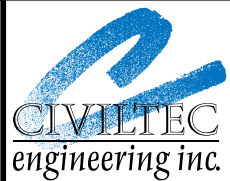
GV-11

GV-3

Sources: Esri, HERE, DeLorme, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), MapmyIndia, NGCC, © OpenStreetMap contributors, and the GIS User Community



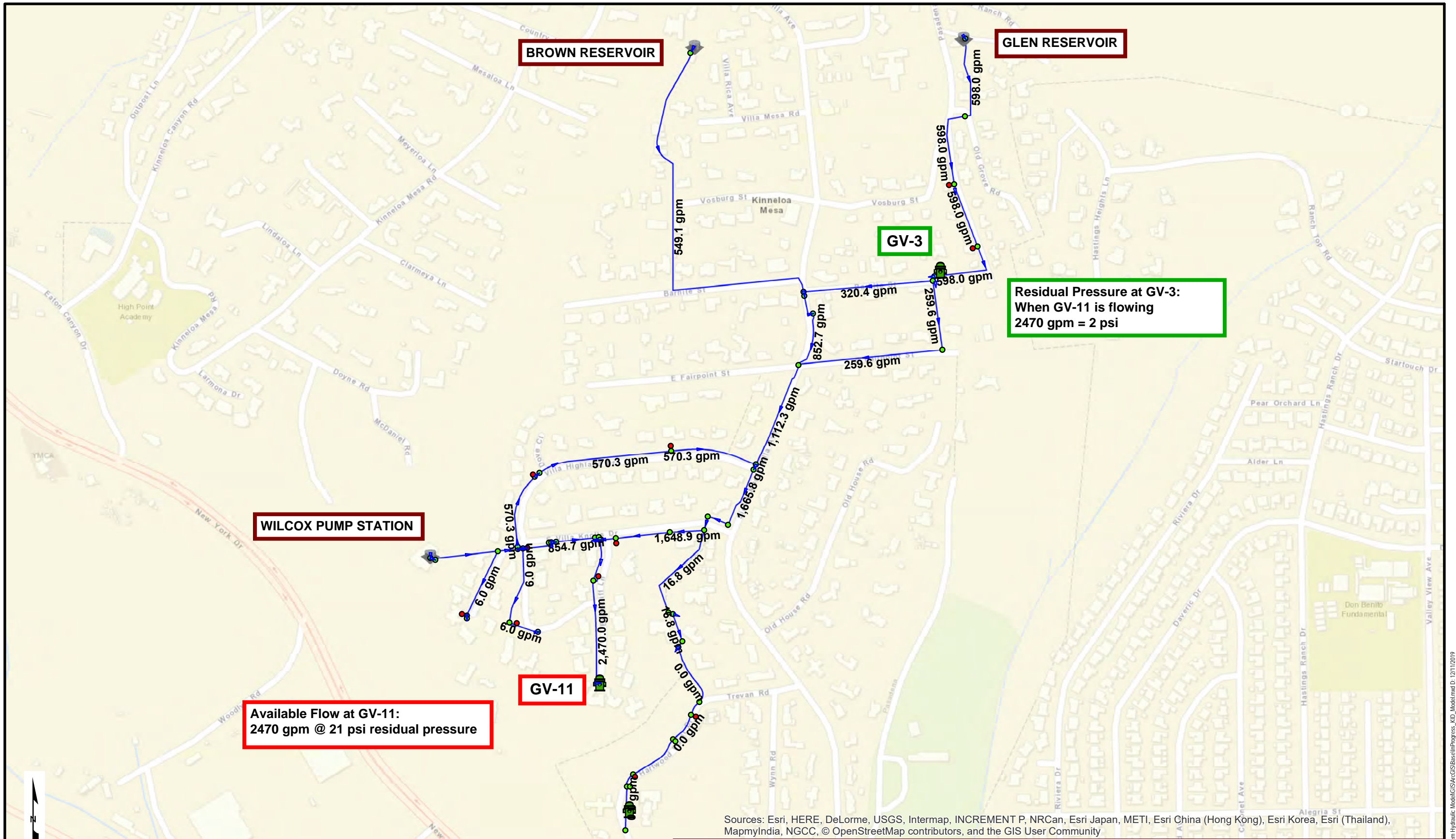
SCENARIO 3:
 Supplied by gravity flow of reservoirs &
 Wilcox Pump Stations



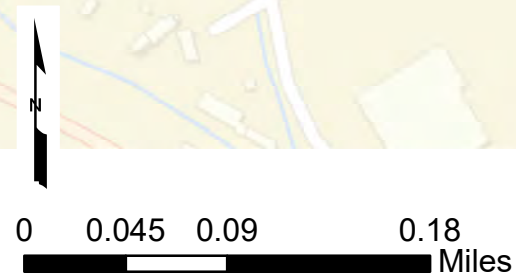
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 KINNELOA IRRIGATION DISTRICT
 PHASE 2 IMPROVEMENTS
 SCENARIO 3: CONFIGURATION

PHASE 2
EXHIBIT
3-1



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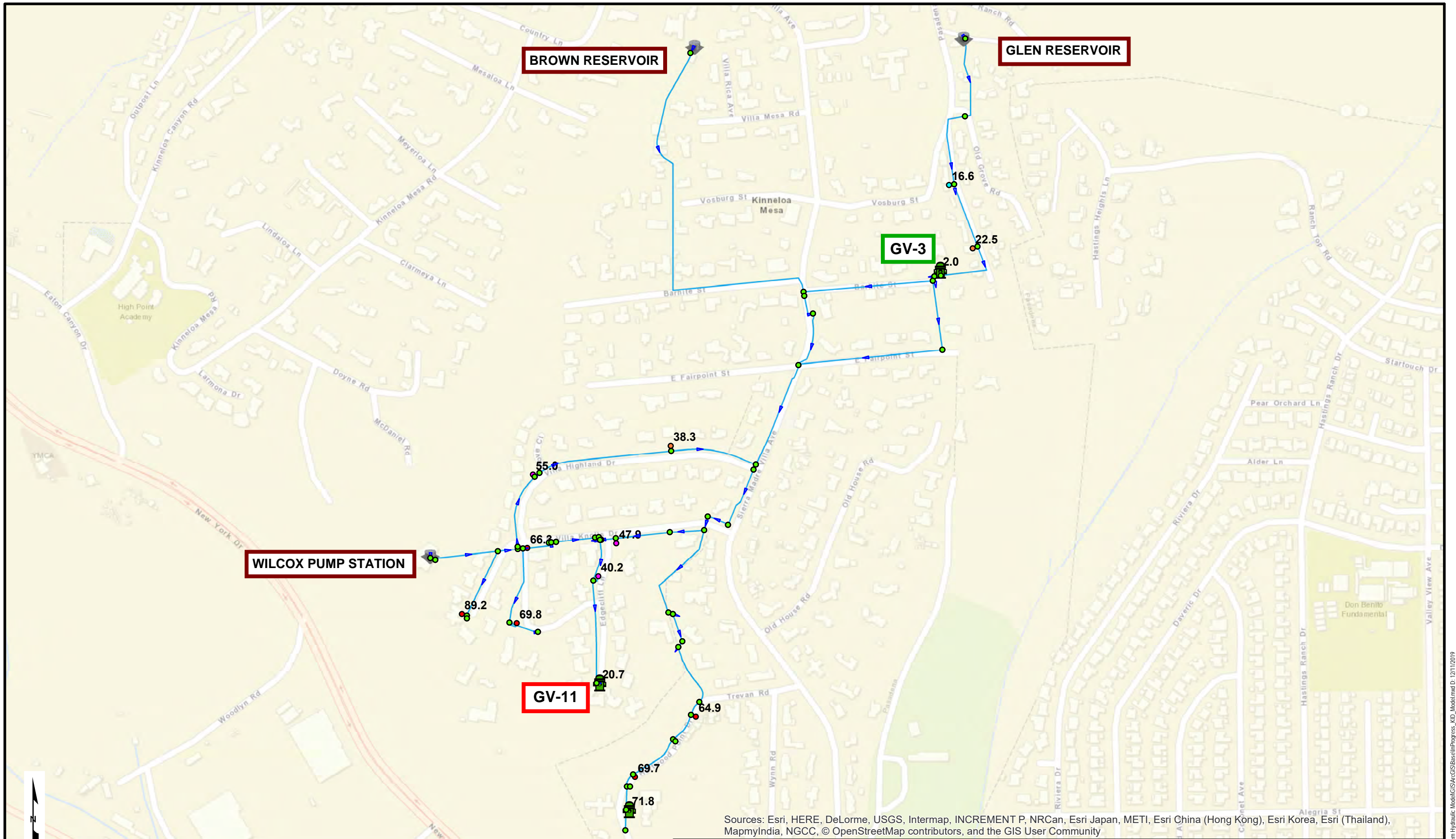
SCENARIO 3:
Supplied by gravity flow of reservoirs & Wilcox Pump Stations



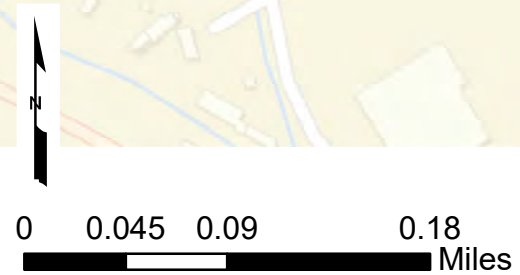
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KINNELOA IRRIGATION DISTRICT
PHASE 2 IMPROVEMENTS
SCENARIO 3: PIPE FLOWS

PHASE 2
EXHIBIT
3-2



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SCENARIO 3:
 Supplied by gravity flow of reservoirs &
 Wilcox Pump Stations



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PASADENA, CA
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 PHASE 2 IMPROVEMENTS
 SCENARIO 3: RESIDUAL PRESSURES

PHASE 2
EXHIBIT
3-3

BROWN RESERVOIR:
 HWL: 1,261 ft
 Water Level: 12 ft
 Tank Dimensions: 27ft x 41ft x 16 ft deep

GLEN RESERVOIR:
 HWL: 1,261 ft
 Water Level: 12 ft
 Tank Dimensions: 27ft x 41ft x 16 ft deep

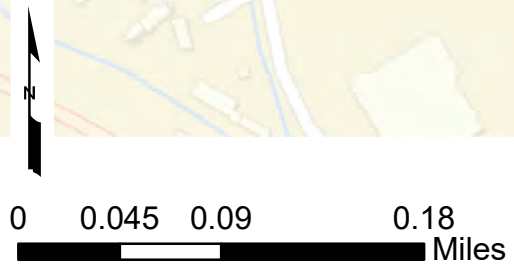
GV-3

PHASE 3 IMPROVEMENTS:
 Install ~815LF of new 12-inch along Sierra Madre Villa,
 ~485LF of new 12-inch along Trevan Road, and replace
 ~845LF with 8-inch along Hartwood Point Drive

PHASE 3 IMPROVEMENTS:
 Abandon ~980LF of existing 4-inch
 west of Sierra Madre Villa Avenue

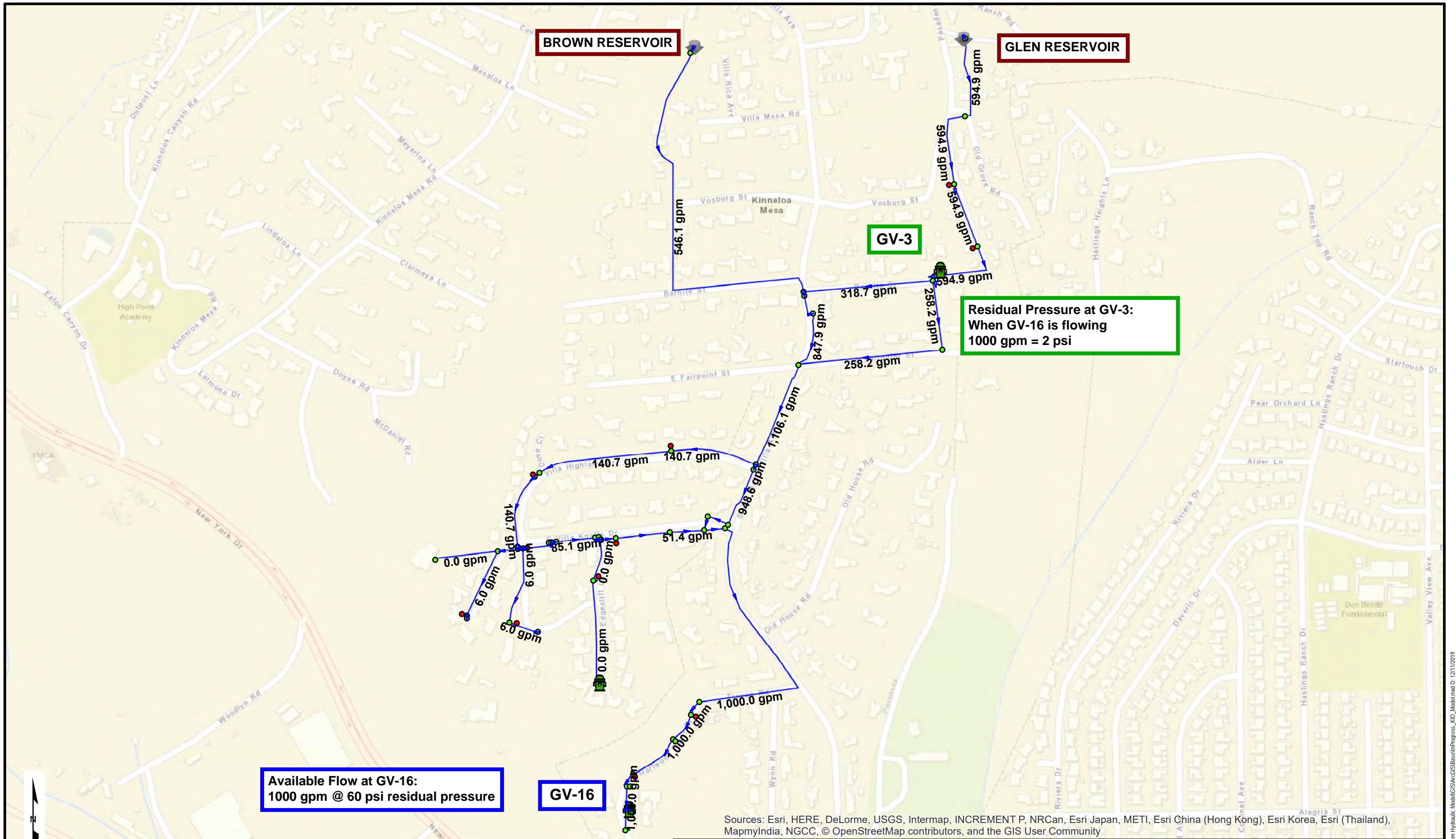
GV-16

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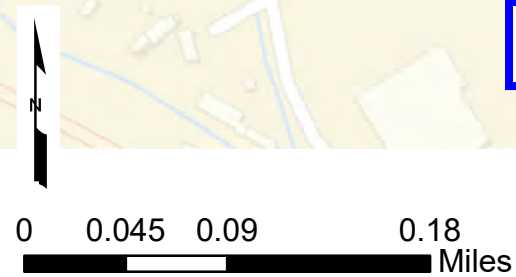


SCENARIO 1:
 Supplied by Brown and Glen Reservoir
 (Gravity Flow)

	<p>118 W Lime Ave. Monrovia, CA 91016 Phone: 626.357.0588 Fax: 626.303.7957 Web: www.civiltec.com</p>	<p>PASADENA, CA KINNELOA IRRIGATION DISTRICT PHASE 3 IMPROVEMENTS SCENARIO 1: CONFIGURATION</p>	<p>PHASE 3 EXHIBIT 1-1</p>
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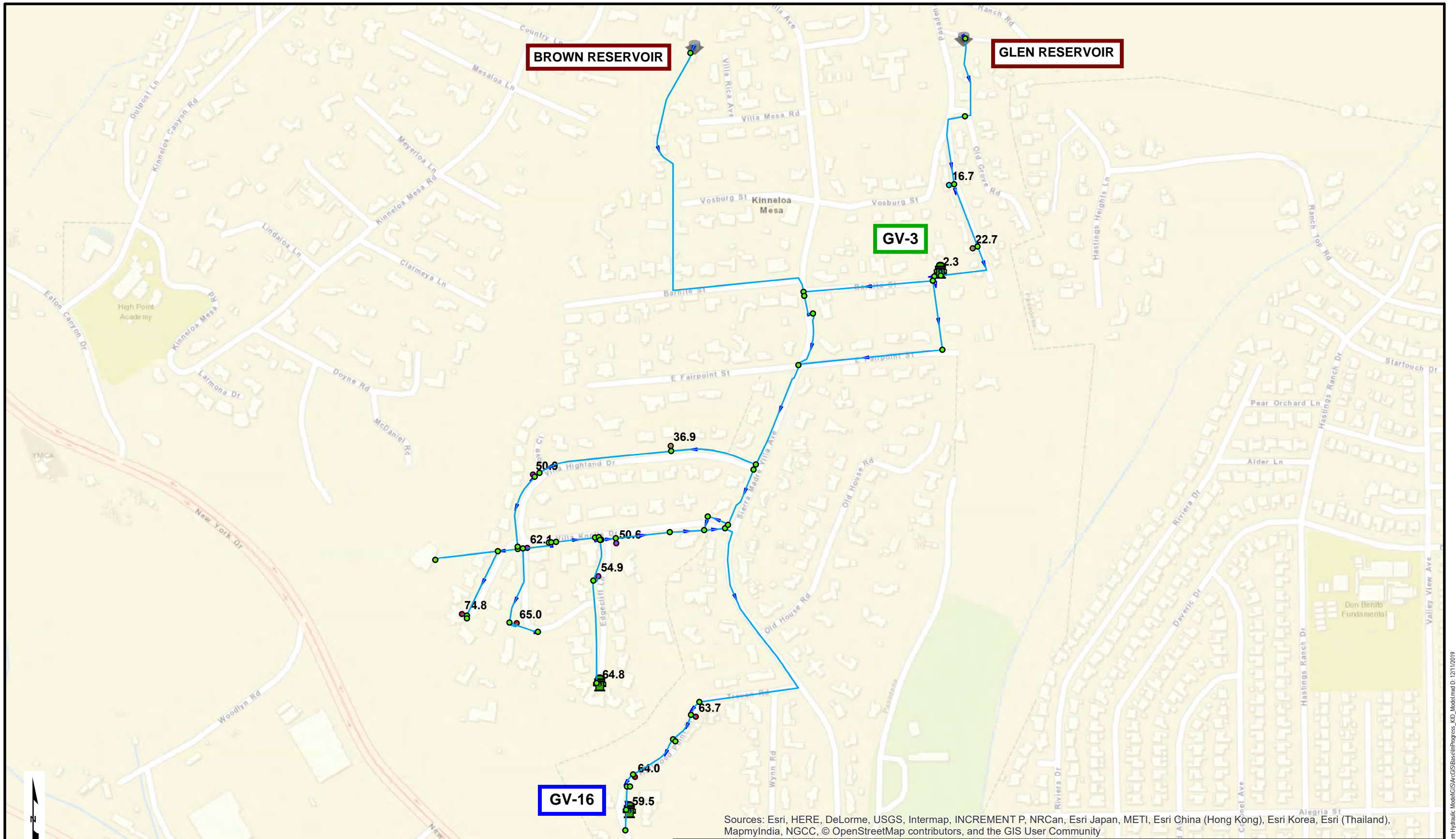
Sources: Esri, HERE, DeLorme, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), MapmyIndia, NGCC, © OpenStreetMap contributors, and the GIS User Community



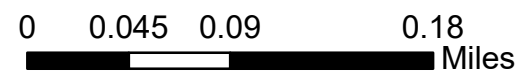
**SCENARIO 1:
Supplied by Brown and Glen Reservoir
(Gravity Flow)**

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		<p>PASADENA, CA KINNELOA IRRIGATION DISTRICT PHASE 3 IMPROVEMENTS SCENARIO 1: PIPE FLOWS</p>	

**PHASE 3
EXHIBIT
1-2**



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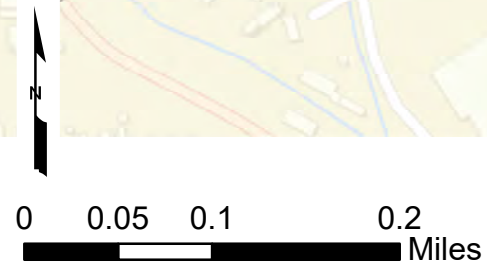
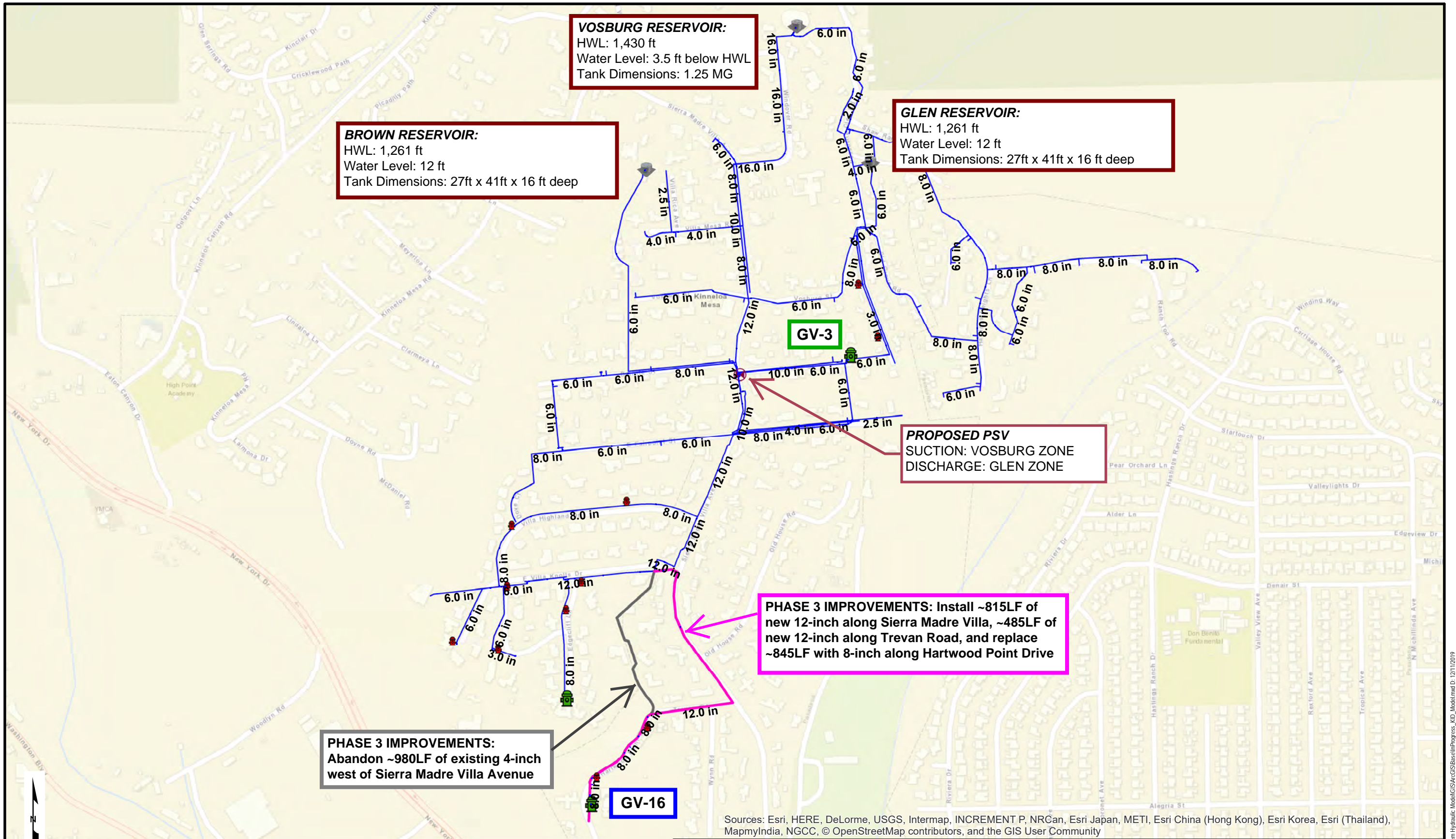
SCENARIO 1:
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(Gravity Flow)



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PASADENA, CA
KINNELOA IRRIGATION DISTRICT
PHASE 3 IMPROVEMENTS
SCENARIO 1: RESIDUAL PRESSURES

PHASE 3
EXHIBIT
1-3



PHASE 3 IMPROVEMENTS:
Abandon ~980LF of existing 4-inch west of Sierra Madre Villa Avenue

PHASE 3 IMPROVEMENTS: Install ~815LF of new 12-inch along Sierra Madre Villa, ~485LF of new 12-inch along Trevan Road, and replace ~845LF with 8-inch along Hartwood Point Drive

PROPOSED PSV
SUCTION: VOSBURG ZONE
DISCHARGE: GLEN ZONE

VOSBURG RESERVOIR:
HWL: 1,430 ft
Water Level: 3.5 ft below HWL
Tank Dimensions: 1.25 MG

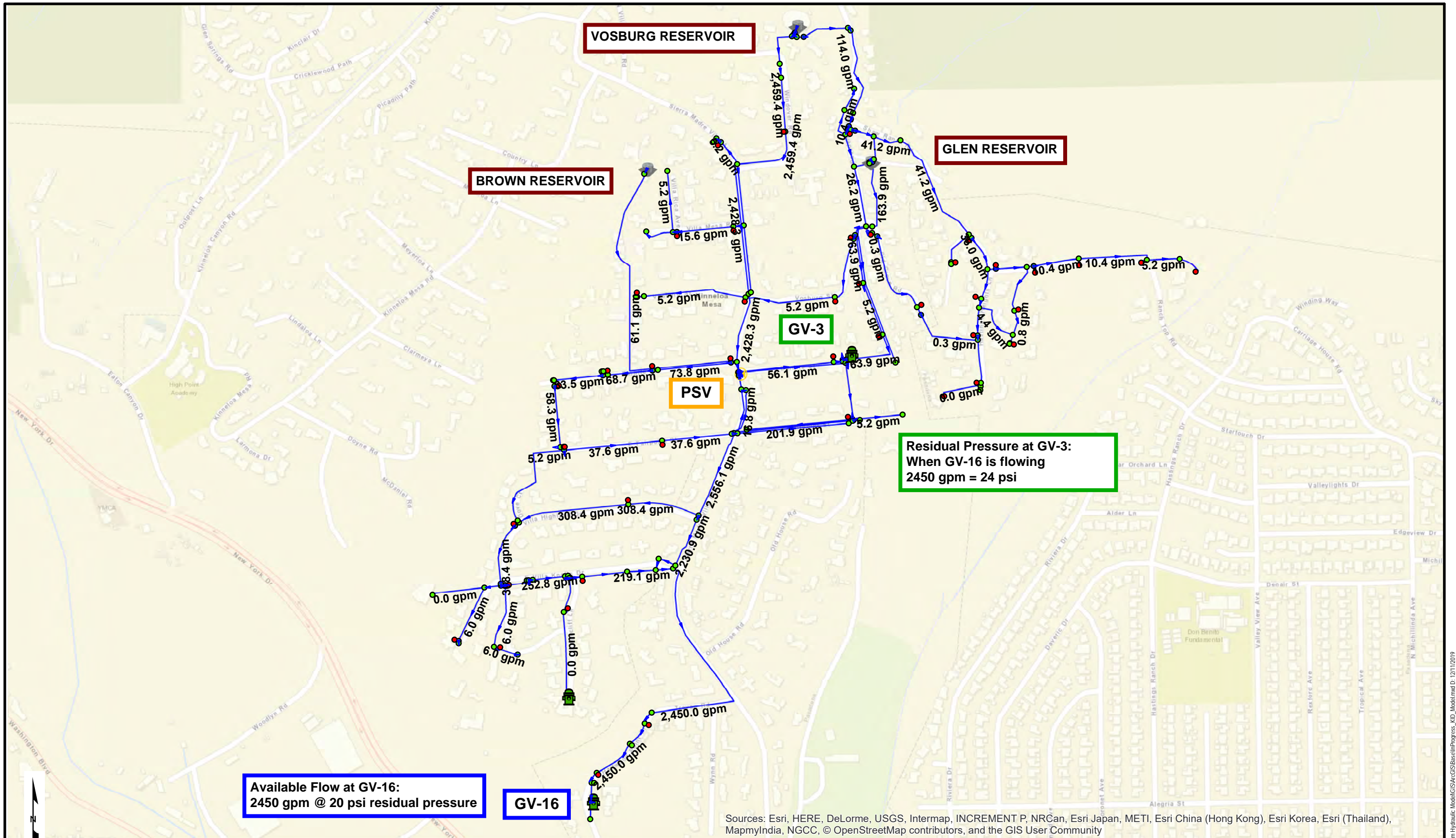
BROWN RESERVOIR:
HWL: 1,261 ft
Water Level: 12 ft
Tank Dimensions: 27ft x 41ft x 16 ft deep

GLEN RESERVOIR:
HWL: 1,261 ft
Water Level: 12 ft
Tank Dimensions: 27ft x 41ft x 16 ft deep

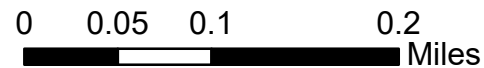
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SCENARIO 2:
Supplied by gravity flow of reservoirs & PSV (Pressure Sustaining Valve)

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PASADENA, CA
 KINNELOA IRRIGATION DISTRICT
 PHASE 3 IMPROVEMENTS
 SCENARIO 2: PIPE FLOWS

PHASE 3
EXHIBIT
2-2

Legend

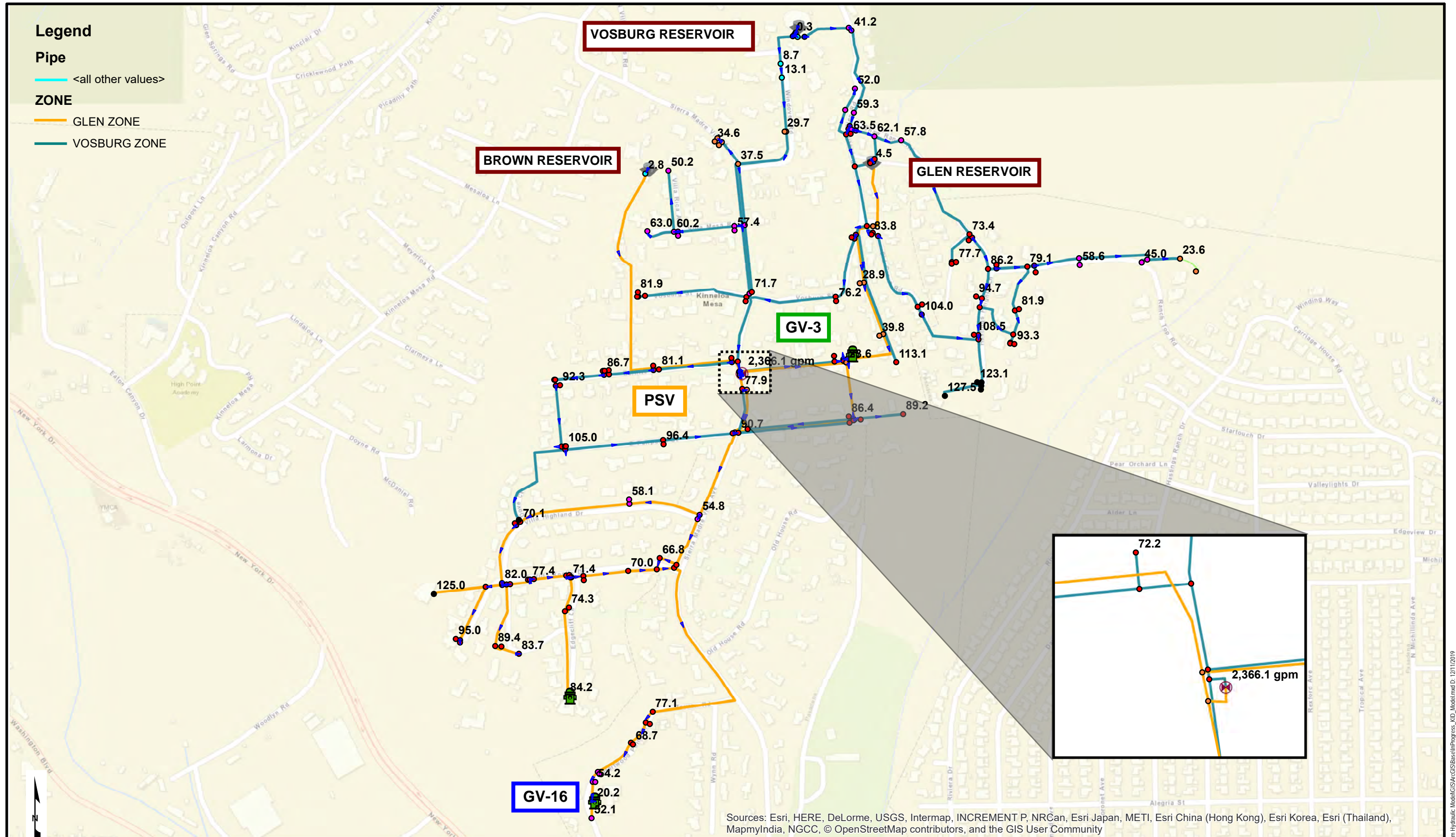
Pipe

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ZONE

GLEN ZONE

VOSBURG ZONE



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0 0.05 0.1 0.2 Miles

SCENARIO 2:
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PSV (Pressure Sustaining Valve)



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KINNELOA IRRIGATION DISTRICT
PHASE 3 IMPROVEMENTS
SCENARIO 2: RESIDUAL PRESSURES

PHASE 3
EXHIBIT
2-3

BROWN RESERVOIR:
 HWL: 1,261 ft
 Water Level: 12 ft
 Tank Dimensions: 27ft x 41ft x 16 ft deep

GLEN RESERVOIR:
 HWL: 1,261 ft
 Water Level: 12 ft
 Tank Dimensions: 27ft x 41ft x 16 ft deep

WILCOX PUMP STATION

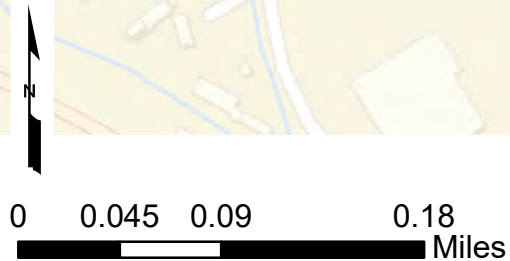
PHASE 3 IMPROVEMENTS: Install ~815LF of new 12-inch along Sierra Madre Villa, ~485LF of new 12-inch along Trevan Road, and replace ~845LF with 8-inch along Hartwood Point Drive

PHASE 3 IMPROVEMENTS: Abandon ~980LF of existing 4-inch west of Sierra Madre Villa Avenue

GV-16

GV-3

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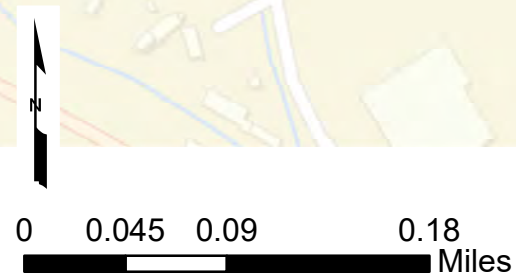
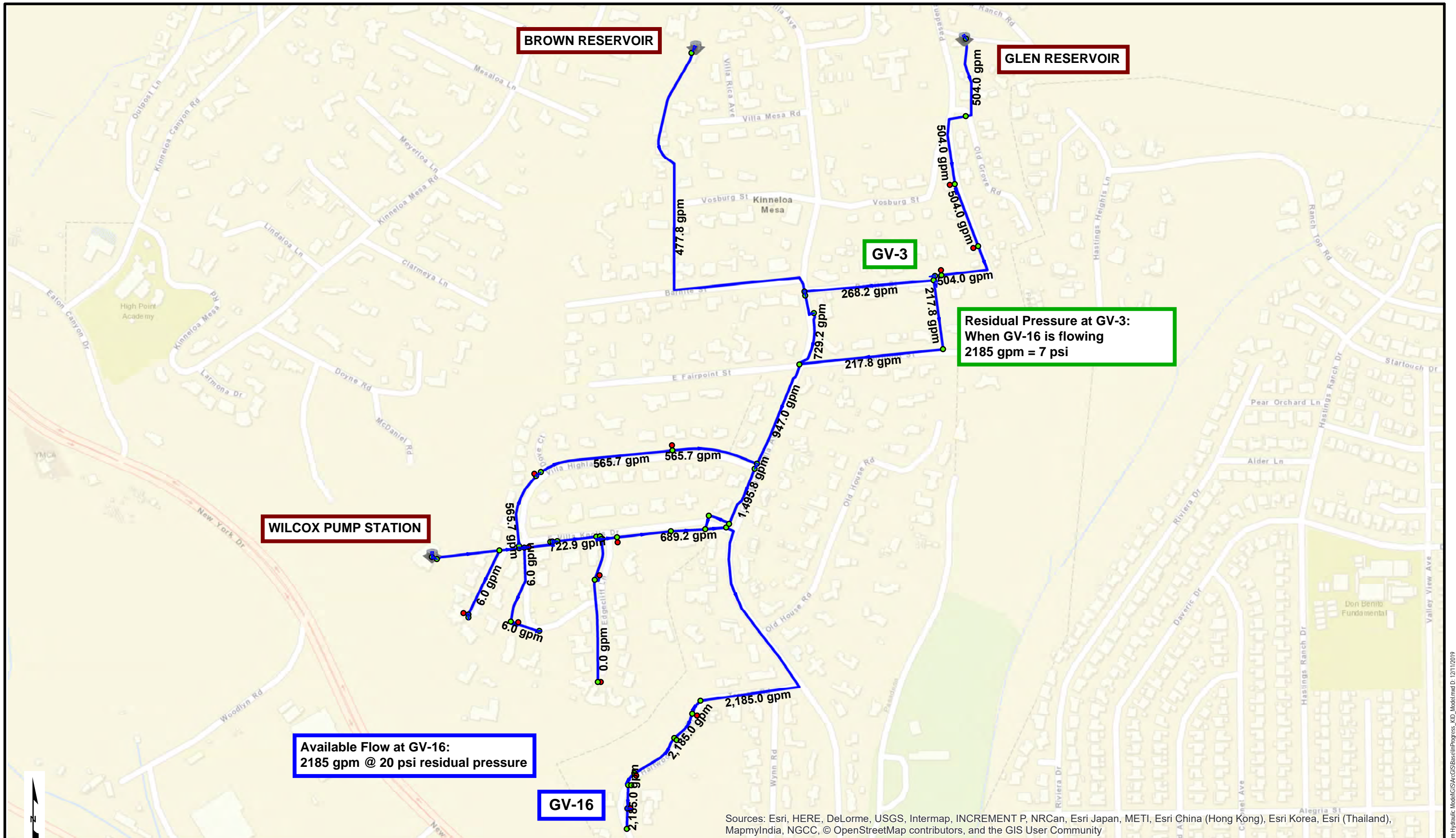
SCENARIO 3:
 Supplied by gravity flow of reservoirs & Wilcox Pump Stations



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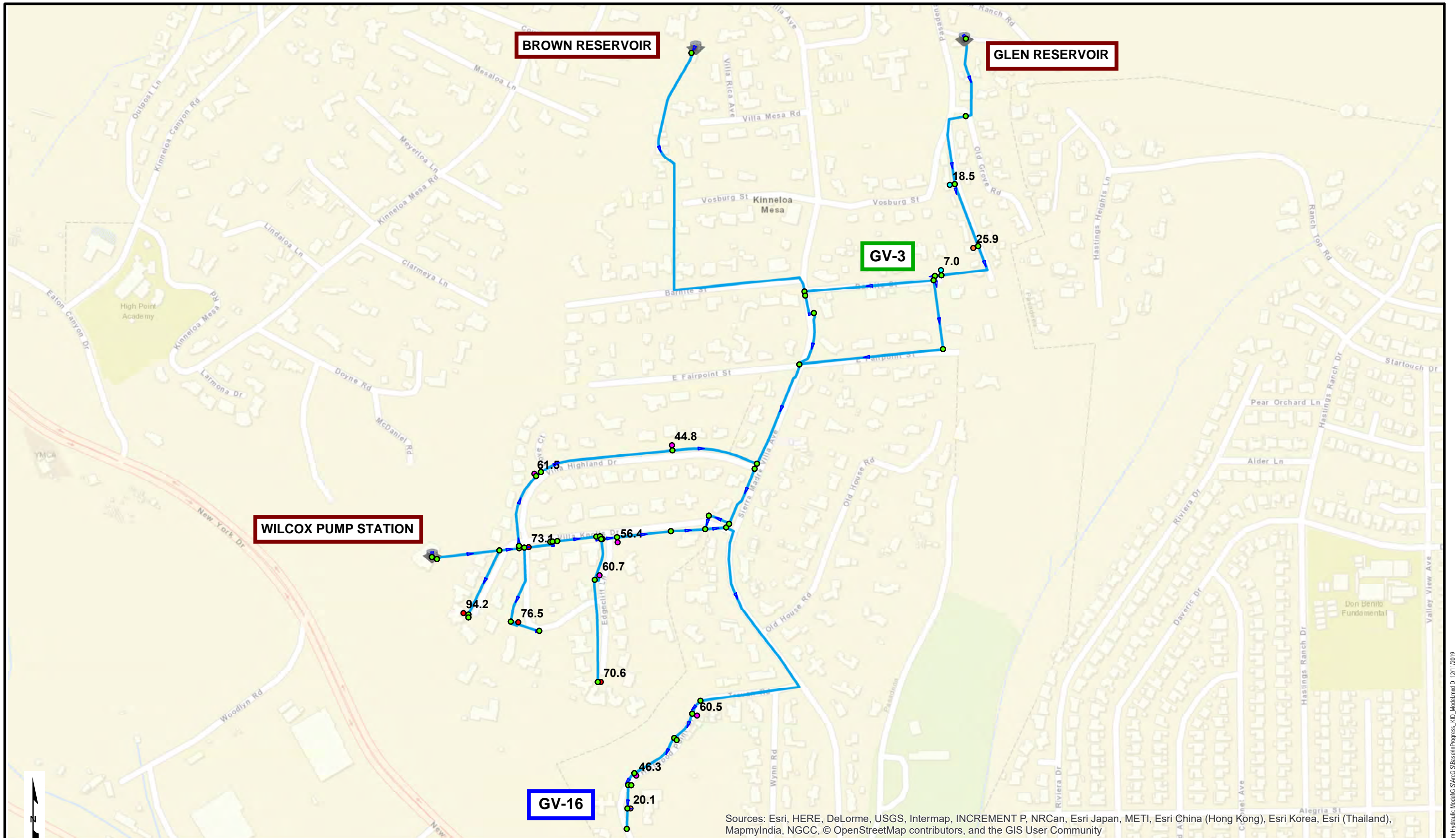
PASADENA, CA
 KINNELOA IRRIGATION DISTRICT
 PHASE 3 IMPROVEMENTS
 SCENARIO 3: CONFIGURATION

PHASE 3
EXHIBIT
3-1

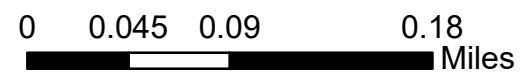


SCENARIO 3:
 Supplied by gravity flow of reservoirs &
 Wilcox Pump Stations

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SCENARIO 3:
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PASADENA, CA
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 PHASE 2 IMPROVEMENTS
 SCENARIO 3: RESIDUAL PRESSURES

PHASE 2
EXHIBIT
3-3



CSDA Year-End Report – October 2019 2019 Legislative Year

ENERGY AND EMISSIONS					
BILL/ AUTHOR	ISSUE	DESCRIPTION	CSDA POSITION	STATUS	COST/COST- SAVINGS
AB 56 (E. Garcia)	Electricity: Procurement by the California Alternative Energy and Advanced Transportation Financing Authority	As amended 7/3/19: Allows the California Public Utilities Commission (CPUC) and the California Energy Commission (CEC) to establish the California Clean Electricity Authority (Authority). The Authority will procure resources with the intent of assisting with the timely achievement of the state’s clean energy goals and addressing shortfalls identified in the integrated resource planning of load serving entities (LSEs) and publicly owned utilities (POUs), among other objectives. The bill was amended to exclude local publicly owned utilities.	Neutral	2-Year Bill	No direct fiscal impact
ENVIRONMENT					
BILL/ AUTHOR	ISSUE	DESCRIPTION	CSDA POSITION	STATUS	COST/COST- SAVINGS
AB 394 (Oberholte)	California Environmental Quality Act (CEQA) Exemption: Fire Escape Routes	As amended 9/6/19: Would have exempted from CEQA projects that the lead agency determines that the primary purpose of the project is fire safety egress. AB 394 would have required the lead agency to hold a noticed public meeting to hear and respond to public comments before determining that a project is exempt. Additionally, the bill would have required the lead agency to file a notice of exemption with the Office of Planning and Research and with the clerk of the county in which the project will be located. June 13 amendments required that if the project involves substantial tree removal, the entity carrying out the project shall have a registered professional forester or the forester’s designee on site during the implementation of the project to assist with resource identification and protection.	Support	Vetoed	Potential cost savings resulting from reduced regulatory burdens
AB 782 (Berman)	CEQA Exemption: Transfers of Property Used to Preserve Open Space	As chaptered 8/30/19: Provides a statutory exemption from CEQA for the transfer of ownership, or funding thereof, of property by a public agency in order to preserve open space, habitat, or historical resources making it easier for districts to preserve open space, including through conservation easements.	Support	Signed into Law	No direct fiscal impact

ENVIRONMENT					
BILL/ AUTHOR	ISSUE	DESCRIPTION	CSDA POSITION	STATUS	COST/COST- SAVINGS
AJR 8 (Quirk)	Nutria Eradication and Control Act of 2003 Funding	As chaptered 7/18/19: Urges the United States Congress to specifically add California to the Nutria Eradication and Control Act of 2003 and to authorize an appropriation of \$4,000,000 to help the state implement a nutria eradication program.	Support	Signed into Law	No direct fiscal impact
SB 210 (Leyva)	Heavy-Duty Vehicle Inspection and Maintenance Program	As chaptered 9/20/19: Directs the California Air Resources Board (ARB) to work in coordination with multiple state agencies in order to develop and implement a Heavy-Duty Inspection and Maintenance Program for non-gasoline, heavy-duty, on-road trucks. Moved to “concerns” after many amendments by the author.	Concerns	Signed into Law	Likely costs for fees, penalties and compliance
SB 487 (Caballero)	Sierra Nevada and Cascade Range and the Klamath-Trinity Mountains Aerial Snow Survey	As amended 6/11/19: Requires the Department of Water Resources (DWR), upon appropriation, to conduct aerial surveys of the snowpack to support runoff volume forecasts for California’s watersheds.	Support	Vetoed	No direct fiscal impact
SB 785 (Senate Natural Resources and Water Committee)	Senate Natural Resources and Water Committee Omnibus	As chaptered 10/2/19: Makes various consensus or technical and clarifying changes to the statute(s) affecting the California Department of Fish and Wildlife (DFW), the State Coastal Conservancy (SCC), the Department of Parks and Recreation (DPR), and the State Lands Commission (SLC), among others. Notably, it extends the sunset for the prohibition of possessing, importing, shipping, or transporting in quagga or zebra mussels.	Support	Signed into Law	No direct fiscal impact
FORMATION AND REORGANIZATION					
BILL/ AUTHOR	ISSUE	DESCRIPTION	CSDA POSITION	STATUS	COST/COST- SAVINGS
AB 600 (Chu)	Local Government: Organization: Disadvantaged Unincorporated Communities	As chaptered 10/8/19: Previously included a host of unfeasible and unfunded mandates on special districts regarding neighboring disadvantaged communities. After dramatic amendments, CSDA took a neutral position. As chaptered, the measure now makes clarifications to existing law regarding the annexation of territories greater than 10 acres and the extensions of services to adjacent disadvantaged communities.	Neutral	Signed into Law	No direct fiscal impact

FORMATION AND REORGANIZATION					
BILL/ AUTHOR	ISSUE	DESCRIPTION	CSDA POSITION	STATUS	COST/COST- SAVINGS
AB 854 (Mayes)	Imperial Irrigation District: Retail Electric Service	As introduced 2/20/19: Reconstitutes the board of directors of the Imperial Irrigation District (IID) against the will of IID. This bill changes the board from a five-member board to an 11-member board with six of the members being from Riverside County. Riverside County currently has no representation on the IID board of directors, because while IID provides power to the residents of Riverside County, they are outside their service area, which is allowed by Water Code Sections 22115 and 22120.	Oppose	2-Year Bill	Potential financial impact to Imperial Irrigation District
GOVERNANCE					
BILL/ AUTHOR	ISSUE	DESCRIPTION	CSDA POSITION	STATUS	COST/COST- SAVINGS
AB 220 (Bonta)	Authorized Uses of Campaign Funds: Childcare Costs	As chaptered 9/30/19: Eliminates an impediment for people considering running for office by allowing campaign funds to be used to cover the costs of childcare in order to allow more parents to run for office.	Support	Signed into Law	No direct fiscal impact
AB 225 (Brough)	Authorized Uses of Campaign Funds: Childcare Costs	As introduced 1/16/19: Eliminates an impediment for people considering running for office by allowing campaign funds to be used to cover the costs of childcare in order to allow more parents to run for office.	Support	2-Year Bill	No direct fiscal impact
GOVERNANCE					
BILL/ AUTHOR	ISSUE	DESCRIPTION	CSDA POSITION	STATUS	COST/COST- SAVINGS
AB 315 (C. Garcia)	Local Government: Lobbying Associations: Expenditure of Public Funds	As amended 7/5/19: Limits the associations of local agencies or districts from using funds paid from local agencies for purposes that are not for lobbying the Legislature or Congress or strictly educational activities. The bill also requires the associations to disclose funds expended for educational activities and lobbying activities.	Oppose	2-Year Bill	No direct fiscal impact
AB 510 (Cooley)	Local Agency Video Data Storage Requirement Relief	As introduced 2/13/19: This CSDA-sponsored bill allows special districts, cities, and counties to adopt record retention policies for routine video monitoring recordings as well as radio and telephone recordings that differ from the current standard of 1-year for video recordings and 100-days for radio and telephone recordings. If an agency does not adopt their own policies, then the current standard applies. This change in law allows agencies to save money on unnecessary data storage costs.	Sponsor	2-Year Bill	Significant cost savings for districts utilizing video monitoring

GOVERNANCE					
BILL/ AUTHOR	ISSUE	DESCRIPTION	CSDA POSITION	STATUS	COST/COST- SAVINGS
AB 654 (Rubio)	Local Agency Collaborative Data Sharing	As introduced 2/15/19: This CSDA-sponsored bill creates a new exemption to the California Public Records Act whereby a local agency may disclose specific customer information to another governmental agency for scientific, educational, or other research purposes, and that the requesting agency agrees to maintain it as confidential.	Sponsor	2-Year Bill	No direct fiscal impact
AB 844 (Irwin)	Independent Commission Review of State-Mandated Hospital Services and Activities	As amended 3/5/19: Establishes an independent, nonpartisan body to advise the Governor and Legislature on the financial impact of proposed mandated hospital services and activities.	Support	2-Year Bill	No direct fiscal impact
AB 849 (Bonta)	Fair And Inclusive Redistricting for Municipalities And Political Subdivisions (FAIR MAPS) Act	As chaptered 10/8/19: Imposes new redistricting requirements on cities and counties that include meeting requirements, posting requirements and translation services. Previous versions of the bill included special districts in the new requirements.	Neutral	Signed into Law	No direct fiscal impact
AB 992 (Mullin)	Open Meetings: Local Agencies: Social Media	As amended 4/22/19: Excludes posting comments, expressing position, and liking comments on social media from the Brown Act, provided that a majority of the members do not discuss among themselves business of a specific nature that is within the subject matter jurisdiction of the legislative body of the local agency.	Support	2-Year Bill	No direct fiscal impact
AB 1043 (Irwin)	Authorized Uses of Campaign Funds: Cybersecurity Costs	As chaptered 7/1/19: Allows candidates and elected officials for state and local offices to expend campaign funds for cybersecurity purposes for their personal and campaign devices.	Support	Signed into Law	No direct fiscal impact
AB 1184 (Gloria)	Local Agency Email Retention Mandate	As amended 8/30/19: Requires public agencies to keep all emails related to the public's business for two years. Current law authorizes cities, counties, and special districts to destroy or to dispose of duplicate records that are less than two years old when they are no longer required.	Oppose	Vetoed	Significant costs related to data storage and time reviewing emails when responding to public records requests
AB 1251 (Santiago)	Civil Procedure: Writs of Mandate	As amended 9/4/19: Gutted-and-amended from a bill related to writs of mandate regarding public agency employment issues, previously amended to remove CSDA's opposition; this is now a bill related to city and county planning and zoning requirements.	Neutral	Senate Rules Committee	No direct fiscal impact

GOVERNANCE					
BILL/ AUTHOR	ISSUE	DESCRIPTION	CSDA POSITION	STATUS	COST/COST- SAVINGS
AB 1415 (Friedman)	Department of Water Resources: Reporting Requirements: Civil Penalties	<p>As amended 5/24/19: Requires the Department of Water Resources (the Department) to impose a civil penalty of up to \$1,000 on any entity that fails to file with the department a report or plan by the deadline required. The reports subject to penalty include:</p> <p>(1) A report that summarizes aggregated farm-gate delivery data.</p> <p>(2) A water loss audit report, and accompanying information.</p> <p>(3) An urban water management plan or plan update.</p> <p>(4) A report on the implementation and enforcement of the model water efficient landscape ordinance, or a locally modified water efficient landscape ordinance that is at least as effective in conserving water.</p> <p>Additional penalties may apply for continued failure to file report. The Department has discretion to reduce or waive penalty.</p>	Oppose	2-Year Bill	Potential costs based on failure to file specified reports in a timely manner
AB 1471 (Gray)	Reimbursement to an Underprivileged or Disadvantaged Local Agency for Preventable Lost Revenue	<p>As amended 3/14/19: Provides that the Commission on State Mandates should approve test claims for reimbursement to an underprivileged or disadvantaged local agency for preventable lost revenue sustained as a result of the delayed implementation of a state action.</p>	Support	2-Year Bill	Potential cost savings to districts that file preventable loss claims
AB 1637 (Smith)	Streamlined Unclaimed Property Law	<p>As chaptered 9/20/19: Allows the State Controller to transfer unclaimed property reported in the name of a state or local agency to that agency without the need for the agency to file a claim.</p>	Support	Signed into Law	Potential minor cost savings to districts by streamlining the unclaimed property recovery process
ACR 89 (Cooley)	Special Districts Week	<p>As chaptered 8/15/19: Proclaims September 22, 2019, to September 28, 2019, to be Special Districts Week (coinciding with the 50th anniversary of CSDA) and extols the history and virtues of special districts.</p>	Sponsor	Signed into Law	No direct fiscal impact

GOVERNANCE					
BILL/ AUTHOR	ISSUE	DESCRIPTION	CSDA POSITION	STATUS	COST/COST- SAVINGS
SB 241 (Moorch)	Personal Income Tax: California Voluntary Contribution Program	As amended 4/29/19: This bill, which previously negatively affected Joint Powers Agreements, was gutted-and-amended to deal with voluntary tax check-offs on personal income tax returns.	Neutral	2-Year Bill	No direct fiscal impact
SB 268 (Wiener)	Ballot Measures: Local Taxes: Tax Rate Information	As amended 9/3/19: Changes election law to address the impacts of AB 195 (Oberholte, 2017), which required detailed financial reporting requirements on proposed bonds and taxes to be placed on the ballot. This bill will instead require a measure that imposes or increases tiered tax rates, authorizes the issuance of bonds, or imposes a tax with a rate structure that cannot be accurately included in the ballot label, to include the words "See voter guide for information" in the ballot label. This would enable local tax mechanisms to provide enhanced information in the voter information guide rather than on the 75-word ballot label.	Support	Vetoed	Increases the likelihood of districts passing bond and tax measures
SB 287 (Nielsen)	Commission on State Mandates: Test Claims: Filing Date	As introduced 2/13/19: A CSDA-sponsored bill, this would align the test claim filing period at the Commission on State Mandates (COSM) with the fiscal year rather than the calendar year. Recent regulatory changes at the COSM were changed to have the test claim filing deadline to track with the calendar year to align with the Government Code, even though the filing time that tracked with the fiscal year had been out of compliance with the Government code for over a decade. The change resulted in a six-month reduction in filing time for agencies to submit an accurate claim to the COSM. This bill changes the Government Code so that claims shall be filed not later than 12 months following the effective date of a statute or executive order, or within 12 months of incurring increased costs as a result of a statute or executive order – whichever is later. For purposes of filing a test claim based on the date of incurring increased costs, "within 12 months" means by June 30 of the fiscal year following the fiscal year in which increased costs were first incurred by the test claimant. By changing the Government Code the COSM will need to change their regulations as well.	Sponsor	2-Year Bill	Increases the likelihood of submitted test claims being approved as a result of more accurate claims being submitted due to the increased time provided by the bill
SBs 379, 380, and 381 (Senate Governance and Finance Committee)	Validation Acts of 2019	As chaptered 7/10/19: Enacts the Validating Acts of 2019, which legally confirm the organization, boundaries, acts, proceedings, and bonds of government agencies, protecting investors from minor errors.	Support	Signed into Law	Protects special districts from potential litigation

GOVERNANCE					
BILL/ AUTHOR	ISSUE	DESCRIPTION	CSDA POSITION	STATUS	COST/COST- SAVINGS
SB 387 (Wilk)	Santa Clarita Valley Water Agency: Board of Directors	As chaptered 9/27/19: Allows the Board of Directors of the Santa Clarita Valley Water Authority to eliminate a board position if there is a vacancy prior to the next election. It also establishes a methodology to fairly establish which seats get 2- and 4-year terms if this authority is exercised. This bill is sponsored by the Santa Clarita Valley Water Authority.	Support	Signed into Law	No direct fiscal impact
SB 413 (Rubio)	San Gabriel Basin Water Quality Authority: Board Terms	As chaptered 9/27/19: Shifts the San Gabriel Basin Water Quality Authority (SGBWQA) board election schedule to odd-numbered years. The bill also reduces unnecessary staff work and expenses for the SGBWQA by consolidating two duplicative reports into a single report that the Authority would deliver annually to the State Water Resources Control Board and the Los Angeles Regional Water Quality Control Board. The new report would continue to include all of the information currently being unnecessarily duplicated in two reports.	Support	Signed into Law	Potential cost savings for San Gabriel Basin Water Quality Authority
SB 518 (Wieckowski)	Civil Actions: Postoffer Costs: Settlement Offers	As amended 6/20/19: Eliminates the negative impacts for plaintiffs involved in a California Public Records Act (CPRA) lawsuit that do not accept the terms of a pre-trial settlement offer, and do not prevail in court at a level greater than the pre-trial offer (CPC 998).	Oppose	Vetoed	Potentially increased CPRA litigation costs
SB 615 (Hueso)	Public Records: Meet-and-Confer Requirement	As introduced 2/22/19: Requires California Public Records Act requestors to meet-and-confer with the agency they are requesting records from to try to resolve disputes prior to filing litigation.	Support	2-Year Bill	Potential reduced CPRA litigation costs
SB 749 (Durazo)	California Public Records Act: Trade Secrets	As amended 9/10/14: Provides that records relating to wages, benefits, working hours, and other employment terms and conditions of employees working for a private industry employer pursuant to a contract with a state or local agency shall not be deemed to be trade secrets under the California Public Records Act. This bill was amended to remove a section that was related to Reverse Public Records Act actions.	Neutral	2-Year Bill	No direct fiscal impact

HEALTH AND SAFETY					
BILL/ AUTHOR	ISSUE	DESCRIPTION	CSDA POSITION	STATUS	COST/COST- SAVINGS
AB 35 (Kalra)	Worker Safety: Blood Lead Levels: Reporting	As chaptered 10/10/19: Similar to AB 2963 (Kalra) from last year which was vetoed by the Governor, the author's office has indicated they intend to significantly amend the bill and called it a "work in progress." As currently drafted, the bill requires the California Department of Public Health (CDPH) to report to the California Division of Occupational Safety and Health (Cal/OSHA) any instance where a worker's blood lead level is at or above 20 micrograms per deciliter. The bill also requires any citations and fines imposed by Cal/OSHA following completed investigations to be made publicly available on an annual basis per existing California law.	Oppose	Signed into Law	Potential new fines for violation of employee lead level exposure
AB 320 (Quirk)	California Mosquito Surveillance and Research Program	As chaptered 10/2/19: Sponsored by the Mosquito and Vector Control Association of California, this bill creates the California Mosquito Surveillance and Research Program, to be administered by the University of California.	Support	Signed into Law	No direct fiscal impact
AB 367 (Flora)	Presence at Care Facilities: Conviction of Crimes	As introduced 2/4/19: Prohibits people convicted of pimping or identity theft from working at a residential care facility.	Support	2-Year Bill	No direct fiscal impact
AB 1079 (Santiago)	Telecommunications: Privacy Protections	As chaptered 10/2/19: Current law authorizes phone companies to share contact information of their customers, without consent, for 911 and other emergency services. This bill allows for the sharing of that customer information, without consent, for testing of 911 and other emergency services.	Support	Signed into Law	No direct fiscal impact
AB 1215 (Ting)	Law Enforcement: Facial Recognition and Other Biometric Surveillance	As chaptered 10/8/19: Temporarily bans law enforcement agencies and officials from using, installing, or activating facial recognition and biometric scanners in body cameras until January 1, 2023.	Oppose	Signed into Law	No direct fiscal impact
AB 1231 (Boerner Horvath)	Local Agency Contracts for Ground Emergency Transport: Response Time Requirements	As introduced 2/21/19: Requires response time requirements in any contract for ground emergency medical transportation entered into, amended, or renewed, by a state or local entity on and after January 1, 2020, to be consistent with performance standards established by the International Academies of Emergency Dispatch. Currently, standards vary and response time requirements are included in contracts. However, the required times vary greatly depending on whether the service is located in a rural or urban community.	Oppose	2-Year Bill	Potential significant cost increase for emergency medical transportation providers to meet higher standard of service

HEALTH AND SAFETY					
BILL/ AUTHOR	ISSUE	DESCRIPTION	CSDA POSITION	STATUS	COST/COST- SAVINGS
AB 1416 (Cooley)	California Consumer Privacy Act of 2018: Exemption for Government Agencies	As amended 5/6/19: Cleanup legislation related to the Consumer Privacy Act of 2018 to ensure public agencies are able to share personal information of their constituents with contracted providers as necessary to provide governmental functions.	Support	2-Year Bill	No direct fiscal impact
AB 1699 (Levine)	Internet Throttling Prohibition: Local Agency Emergency Responders	As chaptered 10/2/19: Prohibits a mobile telecommunications service provider from throttling or otherwise failing to provide adequate or necessary telecommunications service to its public safety customer accounts during a state of emergency.	Support	Signed into Law	No direct fiscal impact
AB 1705 (Bonta)	Public Provider Intergovernmental Transfer Program	As chaptered 10/7/19: Requires a new Medi-Cal Public Provider Intergovernmental Transfer Program (PPIGT) for public ground emergency medical transportation providers (public ambulance providers) that would provide additional payments to these providers in fee-for-service (FFS) Medi-Cal and Medi-Cal managed care (MCMC) plans. Replaces the existing certified public expenditures program used to fund FFS public ground providers with the new intergovernmental transfer (IGT)-funded program. Exempts public ambulance providers from the current Quality Assurance Fee (QAF) and the resulting Medi-Cal add on payments resulting from revenue from the QAF. Requires implementation of the new program to be on July 1, 2021.	Support	Signed into Law	Potential cost savings for emergency medical transportation service providers
SB 231 (Galgiani)	Definition of "Local Emergency"	As introduced 2/7/19: Authorizes a port district to proclaim a local emergency. The bill would also revise the definition of a local emergency to include conditions of disaster or extreme peril to the safety of persons and property within the territorial limits of that district.	Support	2-Year Bill	Speeds access to emergency funds
HUMAN RESOURCES AND PERSONNEL					
BILL/ AUTHOR	ISSUE	DESCRIPTION	CSDA POSITION	STATUS	COST/COST- SAVINGS
AB 9 (Reyes)	Failure to Pay Wages: Penalties	As chaptered 10/10/19: Similar to AB 1870 (Reyes) that was vetoed by the Governor in 2018, this bill extends the statute of limitations for filing a Fair Employment and Housing Act (FEHA) claim with an employer from one to three years.	Oppose unless Amended	Signed into Law	Increased exposure to FEHA litigation

Item 10 - Page 9

HUMAN RESOURCES AND PERSONNEL					
BILL/ AUTHOR	ISSUE	DESCRIPTION	CSDA POSITION	STATUS	COST/COST- SAVINGS
AB 33 (Bonta)	CalPERS Divestment: Private Prison Companies	As introduced 12/3/18: Directs CalPERS to divest from private prisons by July 1, 2020.	Oppose	2-Year Bill	Potential increased pension costs at CalPERS to make up for divestment losses
AB 51 (Gonzalez)	California Fair Employment and Housing Act: Prohibition of Waivers	As chaptered 10/10/19: Similar to AB 3080 (Gonzalez, 2018), which CSDA opposed in a coalition with the California Chamber of Commerce, this bill prohibits an employer from requiring any applicant for employment or prospective employment, or any employee, to waive any right, forum, or procedure for a violation of any provision of the California Fair Employment and Housing Act or the Labor Code, as a condition of employment, continued employment, or the receipt of any employment-related benefit (agree to arbitration).	Oppose	Signed into Law	No direct fiscal impact
AB 170 (Gonzalez)	Employment: Sexual Harassment: Liability	As chaptered 10/2/19: This bill started out as sexual harassment liability bill that applied to businesses and public agencies. CSDA went "neutral" on the bill when it was amended to no longer apply to public agencies. The bill was later gutted-and-amended into a Dynamex-related bill providing an exemption from the new ABC test for newspapers.	Neutral	Signed into Law	No direct fiscal impact
AB 171 (Gonzalez)	Employment: Sexual Harassment	As amended 7/3/19: This bill was a portion of AB 3081 (Gonzalez, 2018), which CSDA opposed. This bill would establish a rebuttable presumption, that if within 90 days of filing a sexual harassment claim, that an employee is fired, demoted, suspends, or in any other way discriminates against an employee, that the actions taken by the employer were in retaliation of the claim and would be subject to litigation.	Oppose	Vetoed	Potential increased litigation related to sexual harassment claims
AB 314 (Bonta)	Public Employment: Labor Relations: Release Time	As amended 9/6/19: Similar to AB 2154 (Bonta, 2018), which CSDA opposed, this bill circumvents the memorandum of understanding (MOU) process at the local level by providing employee union representatives with paid release time to investigate potential or existing grievances, attend employee orientations, and testify before the governing body of the local agency, as well as preparation time for those activities. Suggested Amendment: remove the provisions of the bill related to leave for employee orientations.	Oppose unless Amended	Vetoed	Potential increased employment costs for employers with represented employees

Item 10 - Page 10

HUMAN RESOURCES AND PERSONNEL					
BILL/ AUTHOR	ISSUE	DESCRIPTION	CSDA POSITION	STATUS	COST/COST- SAVINGS
AB 316 (Ramos)	Medi-Cal: Benefits: Beneficiaries with Special Dental Care Needs	As amended 4/4/19: Increases the Medi-Cal reimbursement rate for doctors treating Medi-Cal beneficiaries with special dental care needs. This payment is an adjustment to cover the extra time needed to render dental services to a Medi-Cal beneficiary with special dental care needs.	Support	2-Year Bill	No direct fiscal impact
AB 329 (Rodriguez)	Hospitals: Assaults and Batteries	As amended 6/17/19: Creates a penalty enhancement for assaults that take place on public or private hospital property, similar to the enhancements for assaults on park and school property.	Support	2-Year Bill	No direct fiscal impact
AB 333 (Eggman)	Whistleblower Protection: County Patients' Rights Advocates	As chaptered 10/2/19: Extends whistleblower protections to individuals and entities that have contracts with the state or local government to oversee compliance with patients' rights in county mental health treatment facilities. The bill also provides a private right of action for the enforcement of those protections if necessary. Prior to the amendments this bill is similar to AB 2317 (Eggman, 2018), which CSDA opposed, that extends whistleblower protections afforded to employees to independent contractors and contracted entities working for state and local government who are tasked with receiving and investigating complaints from, facilities, services, and programs operated by state and local government.	Neutral	Signed into Law	No direct fiscal impact
AB 403 (Kalra)	Division of Labor Standards Enforcement: Complaint Filing Deadline Extension	As amended 5/16/19: Extends the statute of limitations for an employee to file a discrimination or wrongful termination suit with the Division of Labor Standards Enforcement from six months to three years.	Oppose	Vetoed	Potentially increased litigation costs

HUMAN RESOURCES AND PERSONNEL					
BILL/ AUTHOR	ISSUE	DESCRIPTION	CSDA POSITION	STATUS	COST/COST- SAVINGS
AB 418 (Kalra)	Evidentiary Privileges: Union Agent-Represented Worker Privilege	<p>As amended 6/21/19: Expands the current evidentiary privilege against disclosure of communications to also include union agent-represented worker communications. The evidentiary privilege is by design narrow in scope to protect the confidentiality and integrity of relationships, both professional and familiar in nature, where highly sensitive and deeply personal information is exchanged. Examples include spousal privilege, confidential marital communications privilege, physician-patient privilege, psychotherapist-patient privilege, clergyman-penitent privilege, sexual assault counselor-victim privilege, domestic violence counselor-victim privilege, and human trafficking caseworker-victim privilege as well as attorney-client privilege.</p> <p>This bill is almost identical to AB 729 (Hernandez, 2014), which was vetoed by the governor with the following veto message: "I am returning Assembly Bill 729 without my signature. This bill would establish an evidentiary privilege to prohibit the disclosure of confidential communications between represented employees and their union agents. I don't believe it is appropriate to put communications with a union agent on equal footing with communications with one's spouse, priest, physician or attorney."</p>	Oppose	2-Year Bill	No direct fiscal impact
AB 457 (Quirk)	Occupational Safety and Health: Lead: Permissible Exposure Levels	As amended 5/13/19: The Division of Occupational Safety and Health in the Department of Industrial Relations (Cal-OSHA) is currently going through the regulatory process of updating employee lead level regulations. This bill sets a deadline for completion of that update process for February 1, 2020.	Oppose unless Amended	2-Year Bill	No direct fiscal impact
AB 555 (Gonzalez)	Paid Sick Leave Accrual Method Modification	As amended 4/29/19: Amends the Healthy Workplaces, Healthy Families Act to extend the number of paid sick days employers are required to provide from 3 days to 5 days.	Oppose unless Amended	2-Year Bill	Increased employment costs for employers providing the minimum required paid sick time

HUMAN RESOURCES AND PERSONNEL					
BILL/ AUTHOR	ISSUE	DESCRIPTION	CSDA POSITION	STATUS	COST/COST- SAVINGS
AB 628 (Bonta)	Employment: Victims of Sexual Harassment: Protections	As amended 5/16/19: Current law allows employees that are victims of domestic violence, sexual assault, or stalking to take time off to access related services or counseling, without fear of retaliation from their employers (25 or more employees). This bill, similar to AB 2366 (Bonta, 2018) would have allowed this time off for victims of sexual harassment and immediate family members of victims of sexual harassment.	Oppose	2-Year Bill	Increased employer costs related to loss time
AB 673 (Carrillo)	Failure to Pay Wages: Penalties	As chaptered 10/10/19: This bill was amended from allowing an employee to directly bring a civil suit against an employer for failure to pay wages, to now allowing the Office of the Labor Commissioner to bring the civil suit. The affected employee may also enforce civil penalties for late payment of wages through the Private Attorneys General Act (PAGA) but cannot also recover statutory penalties for the same violation. CalChamber and other employer groups all removed their opposition.	Neutral	Signed into Law	No direct fiscal impact
AB 749 (Stone)	Employment Dispute Settlements: Prohibition on Postemployment Restrictions	As chaptered 10/12/19: Prohibits a settlement agreement in an employment dispute from containing a provision prohibiting, preventing, or otherwise restricting a settling party that is an aggrieved person from working for the employer against which the aggrieved person has filed a claim, or any parent company, subsidiary, division, affiliate, or contractor of the employer.	Oppose	Signed into Law	Increased sexual harassment litigation costs
AB 882 (McCarty)	Termination of Employment: Drug Testing: Medication- Assisted Treatment	As introduced 2/20/19: Prohibits an employer, regardless of the number of employees, from firing an employee for testing positive for a drug that is being used as a medical-assisted treatment, under the care of a physician or licensed treatment program.	Oppose	2-Year Bill	No direct fiscal impact
AB 890 (Wood)	Nurse Practitioners: Scope of Practice: Unsupervised Practice	As amended 4/22/19: This priority legislation for the Association of California Healthcare Districts expands the scope of practice for nurse practitioners, allowing them to practice and provide services to the full extent of their education and training, without supervision by a physician. These services, including diagnosing patients, performing therapeutic procedures, prescribing medications and devices, are already being provided to patients throughout the state. This change in law will allow hospitals to fill critical workforce gaps.	Support	2-Year Bill	Potential cost savings for healthcare districts

HUMAN RESOURCES AND PERSONNEL					
BILL/ AUTHOR	ISSUE	DESCRIPTION	CSDA POSITION	STATUS	COST/COST- SAVINGS
AB 931 (Boerner Horvath)	Local Boards and Commissions: Female Representation	As chaptered 10/12/19: By January 1, 2030, cities with a population of 50,000 or more, may not appoint members of nonsalaried, nonelected boards or commissions consisting of 5 or more members such that 60% of the board or commission's membership comprises individuals of the same gender identity. The bill would also prohibit a board or commission with 4 or fewer nonelected and nonsalaried members from being comprised exclusively of people with the same gender identity.	Neutral	Signed into Law	No direct fiscal impact
AB 932 (Low)	Workers' Compensation: Off- duty Firefighters	As introduced 2/20/19: Retroactive to 2017, this bill makes off-duty, out-of-state firefighters eligible for workers' compensation benefits if they claim they were injured while performing activities for the protection or preservation of life or property. Suggested amendments: Similar to what was included in the language for peace officers in 2018, this bill should be amended to make it permissible for an employer to provide workers' compensation benefits, at its discretion or in accordance with written policies adopted by resolution of the governing body.	Oppose unless Amended	2-Year Bill	Potential significant increased workers' compensation costs for firefighter employers
AB 1066 (Gonzalez)	Unemployment Insurance: Trade Disputes: Eligibility for Benefits	As amended 8/30/19: Allows union employees to begin collecting unemployment benefits after three weeks of a trade dispute.	Oppose	2-Year Bill	Potentially significant increases in unemployment insurance costs
AB 1107 (Chu)	Independent Medical Review: Delayed or Denied Treatment	As amended 4/22/19: Deletes a provision of law that states an independent medical review (IMR) decision that medical treatment ordered or requested by a treating physician is appropriate is not conclusive evidence that treatment was unreasonably delayed or denied. The current version of this bill is not intended to be the final version. The author has indicated that this bill is intended to encourage dialog between stakeholders on how to improve the IMR process and limit delays in care.	Oppose	2-Year Bill	Would result in increased workers' compensation costs
AB 1116 (Grayson)	Firefighters: Peer Support	As chaptered 10/1/19: Enacts the California Firefighter Peer Support and Crisis Referral Services Act authorizing the state or any local or regional public fire agency to establish a Peer Support and Crisis Referral Program (Peer Support Program).	Support	Signed into Law	No direct fiscal impact

HUMAN RESOURCES AND PERSONNEL					
BILL/ AUTHOR	ISSUE	DESCRIPTION	CSDA POSITION	STATUS	COST/COST- SAVINGS
AB 1117 (Grayson)	Peace Officers: Peer Support	As chaptered 10/8/19: Enacts the Law Enforcement Peer Support and Crisis Referral Services Program authorizing a local or regional law enforcement agency to establish a peer support and crisis referral program (Peer Support Program).	Support	Signed into Law	No direct fiscal impact
AB 1212 (Levine)	Public Pension Systems: Investments in California Infrastructure Projects	As amended 8/12/19: Requires the State's Department of Transportation and the Department of Water Resources to produce a list of priority infrastructure projects for funding consideration by public pension retirement boards and to provide it to them. The bill would require the agencies to provide further project information to a board upon request.	Support	Vetoed	No direct fiscal impact
AB 1224 (Gray)	Disability Insurance: Paid Family Leave Program	As amended 4/22/19: Current law allows an employee with more than 12 months of service with the employer, who has at least 1,250 hours of service with the employer during the previous 12-month period, upon request, to take up to 12 weeks of parental leave to bond with a new child within one year of the child's birth, adoption, or foster care placement. This bill expands paid family leave (PFL) benefits by allowing two six-week PFL claims per year.	Oppose	2-Year Bill	Unknown employer costs related to a new limited leave program; costs likely minimal
AB 1320 (Nazarian)	CalPERS and CalSTRS: Divestment: Republic of Turkey	As chaptered 10/2/19: This is a pension system divestment bill that requires CalPERS and CalSTRS to divest from Turkey should the federal government place certain sanctions on Turkey.	Oppose	Signed into Law	Minor costs for CalPERS employers related to this small divestment bill
AB 1332 (Bonta)	Sanctuary State Contracting and Investment Act	As amended 4/29/19: Prohibits any public agency from entering into a contract with or investing in a contractor that also contracts with a federal immigration agency with any data broker, extreme vetting, or detention facilities services, unless the public agency has made a finding that no reasonable alternative exists. The bill is aimed at non-assistance with the federal government's immigration policies and practices. This bill would result in public agencies not being able to contract with companies such as Microsoft and Westlaw and agencies would need to divest from them as well.	Oppose	2-Year Bill	Significant employer costs

HUMAN RESOURCES AND PERSONNEL					
BILL/ AUTHOR	ISSUE	DESCRIPTION	CSDA POSITION	STATUS	COST/COST- SAVINGS
AB 1400 (Kamlager- Dove)	Employment Safety: Firefighting Equipment: Carcinogen Exposure Risk	As chaptered 10/10/19: This bill has been gutted-and-amended to be a Cal/OSHA safety bill and not a workers' comp presumption bill. Previously this bill would have, for workers' compensation purposes, added fire personnel, not just firefighters, to the presumption for firefighters that the cancer arose out of, and in the course of, employment. The bill establishes a study that will focus on the potential dangers and adverse health risks, if any, to personal working on and repairing firefighting vehicles.	Neutral	Signed into Law	No direct fiscal impact
AB 1478 (Carrillo)	Labor Code Private Attorneys General Act of 2004: Private Civil Actions	As amended 9/6/19: Allows an employee to bring a civil suit against their employer or former employer for violation of various workplace discrimination and retaliation laws which cover employees for taking time of work to serve on a jury and allow employees time off to handle domestic violence, sexual harassment, stalking, and other protected leaves.	Oppose	Vetoed	Potentially increased employer litigation costs
AB 1631 (Gray)	Fire Protection: Volunteer Firefighters: Training	As introduced 2/22/19: Requires the State Fire Marshal to provide weekend and evening training classes year-round to volunteer fire departments and those fire departments consisting of a combination of volunteer, partly paid, or fully paid members. The bill would also authorize firefighters to receive 100% reimbursement from the State Fire Marshal for attending training classes at a local community college if the State Fire Marshal is unable to provide training classes.	Support	2-Year Bill	Potential cost savings for firefighter employers
SB 142 (Wiener)	Employees: Lactation Accommodation	As chaptered 10/10/19: Requires all employers to provide lactation rooms for their employees use with numerous specific requirements.	Oppose	Signed into Law	Potential costs related to providing additional lactation accommodation facilities
SB 266 (Leyva)	Public Employees' Retirement System: Disallowed Compensation: Benefit Adjustments	As amended 9/3/19: Requires employers who entered into a MOU with an employee bargaining unit, and if what was agreed upon in the MOU that was considered pensionable compensation for the employees is ultimately determined by the pension system to not qualify as a pensionable benefit, and the employee retires, then the employer would make direct payments to the retiree in amount disallowed by the pension system.	Oppose	2-Year Bill	Potentially significant increased costs for CalPERS employers

HUMAN RESOURCES AND PERSONNEL					
BILL/ AUTHOR	ISSUE	DESCRIPTION	CSDA POSITION	STATUS	COST/COST- SAVINGS
SB 341 (Morrell)	Public Employment and Retirement: Calculation of Liabilities	As introduced 2/19/19: Existing law requires CalPERS and CalSTRS to annually report on investment returns and assumptions to the Legislature. This bill requires additional reporting by requiring CalPERS to report a calculation of liabilities based on a discount rate equal to the yield on a 10-year United States Treasury note in the year prior to the report. The bill would also require CalSTRS to provide a description of the discount rate the board uses for reporting liabilities, a calculation of liabilities based on a discount rate that is 2% below the long-term rate of return assumed by the board, and a calculation of liabilities based on a discount rate equal to the yield on a 10-year United States Treasury note in the year prior to the report.	Oppose	2-Year Bill	No direct fiscal impact
SB 416 (Hueso)	Employment: Workers' Compensation: Eligible Employees	As amended 9/5/19: Expands the rebuttable presumption for workers' compensation purposes from police officers and firefighters to all peace officers, regardless of position. Opposed by the California Coalition on Workers' Compensation.	Oppose	2-Year Bill	Increased workers' compensation costs for employers of peace officers
SB 542 (Stern)	State and Local Firefighting Personnel: Injuries: Definition	As chaptered 10/1/19: This bill, retroactive to 2017, applies a workers' compensation rebuttable presumption that PTSD suffered by a police officer or firefighter is a work-related injury.	Oppose	Signed into Law	Increased workers' compensation costs for employers of peace officers and firefighters
SB 567 (Caballero)	Acute Care Hospital Employees: Injuries: Definition	As introduced 2/22/19: Creates rebuttable presumptions that a hospital employee who provides direct patient care in an acute care hospital that suffers an infectious disease, develops cancer, musculoskeletal injuries, post-traumatic stress disorder, and/or respiratory diseases to have arose out of and in the course of the employment. Of note, this is the first time a rebuttable presumption would be applied to a non-public employee.	Oppose	2-Year Bill	Increased workers' compensation costs for hospital employers

HUMAN RESOURCES AND PERSONNEL					
BILL/ AUTHOR	ISSUE	DESCRIPTION	CSDA POSITION	STATUS	COST/COST- SAVINGS
SB 731 (Bradford)	Workers' Compensation: Apportionment	<p>As introduced 2/22/19: Prohibits consideration of race, religious creed, color, national origin, age, gender, marital status, sex, sexual identity, sexual orientation, or genetic characteristics, for the purposes of apportionment of permanent disability.</p> <p>Suggested amendments: Insert language previously included in SB 899 (Pan, 2018) to further clarify existing law, which prohibits discrimination in providing workers' compensation benefits. The language would ensure that any apportionment that involves race, religious creed, color, national origin, age, gender, marital status, sex, sexual identity, sexual orientation, or genetic characteristics is not done on those bases, considering what someone may have, but rather on specific diagnosable pathology or factors they actually have.</p>	Support if Amended	2-Year Bill	Potential increased workers' compensation costs if it is not amended
SB 778 (Senate Labor, Public Employment and Retirement Committee)	Employers: Sexual Harassment Training: Requirements	<p>As chaptered 8/30/19: Fixes drafting errors in SB 1343 (Mitchell, 2018), related to required sexual harassment prevention training. Under SB 1343, as interpreted by the Department of Fair Employment and Housing, employees that receive sexual harassment prevention training in 2019, would be required to also receive the training in 2020. However, the intent of the legislation was to allow employees to receive the training every two years. SB 778 corrects the drafting error to allow employees receiving training in 2019 to not be required to receive the training again until 2021. This bill includes an urgency clause and will become effective as soon as it is signed by the governor.</p>	Support	Signed into Law	Potential one- time cost saving for a delay in implementation of sexual harassment training requirements
PARKS, CEMETERIES AND COMMUNITY ENRICHMENT					
BILL/ AUTHOR	ISSUE	DESCRIPTION	CSDA POSITION	STATUS	COST/COST- SAVINGS
AB 948 (Kalra)	Coyote Valley Conservation Program	<p>As chaptered 9/27/19: Allows the Santa Clara Valley Open-Space Authority (the Authority) to establish and administer the Coyote Valley Conservation Program to address the resource and recreational goals of the Coyote Valley. The bill allows the Authority to collaborate with state, regional and local partners to help achieve the specified goals of the program. The bill specifies the powers and duties of the Authority.</p>	Support	Signed into Law	No direct fiscal impact to any agency other than the Authority

PARKS, CEMETERIES AND COMMUNITY ENRICHMENT					
BILL/ AUTHOR	ISSUE	DESCRIPTION	CSDA POSITION	STATUS	COST/COST- SAVINGS
AB 1111 (Friedman)	Office of Outdoor Recreation	As amended 8/12/19: Establishes the Office of Outdoor Recreation in the Office of the Governor. Requires the office to support the outdoor recreation economy and work toward equitable access to outdoor areas of the state. Requires the office to create an advisory committee. Authorizes the office to receive assistance and funds from public and private sources, and deposit those funds in to the California Outdoor Recreation Account, which the bill would create.	Support	2-Year Bill	No direct fiscal impact
ACR 69 (E. Garcia)	"Parks Make Life Better!" Month	As chaptered 6/6/19: Recognizes the importance of access to local parks, trails, open space, and facilities for the health, wellness, development, inspiration, and safety of all Californians and would declare the month of July 2019 as "Parks Make Life Better!" Month.	Support	Chaptered	No direct fiscal impact
PUBLIC WORKS AND FACILITIES					
BILL/ AUTHOR	ISSUE	DESCRIPTION	CSDA POSITION	STATUS	COST/COST- SAVINGS
AB 68 (Ting)	Land Use: Accessory Dwelling Units (ADUs)	As chaptered 10/9/19: Establishes restrictions on what limitations local agencies can place in an ordinance on Accessory Dwelling Units (ADUs), including limitations on minimum lot size, lot coverage, and floor area ratio. Requires local agencies to ministerially approve permits for new ADUs within 60 days instead of 120 days. The author accepted amendments to the bill removing ambiguous language that would have expanded limitations on ADUs that are "substantially within" an existing home, which would have the effect of expanding the exemption previously established in 2016 under SB 1069 (Wieckowski).	Neutral	Signed into Law	Potential increased costs due to proliferation of ADUs
AB 707 (Kalra)	Santa Clara Valley Water District: Contracts	As chaptered 9/6/19: Increases, from \$25,000 to \$50,000, the formal bidding threshold for the Santa Clara Valley Water District (Valley Water). Requires any improvement or unit of work not performed by district personnel and estimated by the engineer to cost in excess of \$50,000 to be done by contract pursuant to Valley Water's formal competitive bidding process. Allows the district's Board, by action in an open meeting, to increase the amount referenced above, not to exceed an amount equal to 2% of the amount in effect when the action is taken, multiplied by the number of years following the operative date of the last adjustment.	Support	Signed into Law	No direct fiscal impact for any district other than Santa Clara Valley Water District

PUBLIC WORKS AND FACILITIES					
BILL/ AUTHOR	ISSUE	DESCRIPTION	CSDA POSITION	STATUS	COST/COST- SAVINGS
AB 1486 (Ting)	Surplus Land	As chaptered 10/9/19: Requires special districts to offer the right of first refusal to schools, affordable housing developers, and park agencies before conducting any formal or informal negotiations to dispose of surplus land. Additionally, the definition of surplus land is expanded to include more types of district land, with specific uses prohibited. The bill imposes a new process to notify the Department of Housing and Community Development before a district may dispose of surplus land. The bill creates a new penalty for failure to follow the Surplus Lands Act, although it includes a "safe harbor" provision. AB 1486 was amended to remove the applicability of the Surplus Land Act to leases and other conveyances of surplus land.	Neutral	Signed into Law	Increased costs due to revised reporting requirements and new process for disposing surplus land
AB 1736 (Daly)	Local Agency Public Construction Act: Notification Requirements	As amended 7/3/19: As introduced, this bill would have required state and local agencies to post public works contracts to their internet websites within 24 hours of finalization. The bill has since been amended to require a local agency to create and maintain a policy for notifying a successful bidder and the unsuccessful bidders of the selection and approval of the bid within a "reasonable" time frame. This policy is required to be distributed with any RFPs. Many of the measure's requirements can be satisfied by simply posting the information on their website, if the agency has a website.	Neutral	Vetoed	Potential costs for creating policy and updating forms
AB 1752 (Petrie-Norris)	South Coast Water District: Doheny Ocean Desalination Project	As chaptered 10/3/19: Authorizes the South Coast Water District to contract for the Doheny Ocean Desalination Project to help meet the water supply reliability needs of southern California. The bill would also require the district to utilize a skilled and trained workforce in accordance with existing procedures.	Support	Signed into Law	No direct fiscal impact
SB 4 (McGuire)	Housing	As amended 4/10/19: As originally introduced this bill contained a package of laws aimed to reduce local discretion for permitting infill housing development. Relevant to special districts, SB 4 included a ban on impact fees, except connection and capacity charges for sewer, water, and electrical infrastructure, for "neighborhood multifamily" developments. The bill defines neighborhood multifamily developments to include up to a four-unit building in urban communities or up to a duplex in non-urban communities. SB 4 would have prevented park and fire districts from collecting impact fees on these developments. Fortunately, amendments were taken in the Senate Governance and Finance Committee to remove the fee prohibition in the bill until the Department of Housing and Community Development can complete a study this summer.	Neutral	2-Year Bill	No direct fiscal impact

Item 10 - Page 20

PUBLIC WORKS AND FACILITIES					
BILL/ AUTHOR	ISSUE	DESCRIPTION	CSDA POSITION	STATUS	COST/COST- SAVINGS
SB 13 (Wieckowski)	ADUs	As chaptered 9/6/19: Updates the state laws around the development of ADUs. Eliminates impact fees for an ADU less than 750 square feet, and reduces the impact fees for an ADU larger than 750 square feet.	Oppose	<i>Signed into Law</i>	<i>Potentially significant costs to parks, fire, libraries, CSDs and others should ADUs become prolific</i>
SB 190 (Dodd)	Fire Safety: Building Standards: Defensible Space Program	As chaptered 10/2/19: Requires the State Fire Marshal (SFM) to develop a model defensible space program, as specified and would require the SFM to develop a Wildland-Urban Interface (WUI) Fire Safety Building Standards Compliance training manual.	Support	<i>Signed into Law</i>	<i>No direct fiscal impact</i>
REVENUE					
BILL/ AUTHOR	ISSUE	DESCRIPTION	CSDA POSITION	STATUS	COST/COST- SAVINGS
AB 11 (Chiu)	Community Redevelopment Law of 2019	As amended 4/11/19: Authorizes a city or county to create an affordable housing and infrastructure agency, subject to approval by the Strategic Growth Council (SGC). Such agencies would be allowed to utilize tax increment financing. Amendments created a tax passthrough that keeps district revenues whole.	Neutral	<i>2-Year Bill</i>	<i>No direct costs</i>
AB 41 (Gallagher)	Disaster Relief: Camp Fire	As introduced 12/3/18: Requires the State of California to fully reimburse local agencies for eligible costs incurred as a result of the Camp Fire that started on November 8, 2018 in the County of Butte.	Support	<i>2-Year Bill</i>	<i>Significant fiscal assistance for districts affected by the Camp Fire</i>

		REVENUE				
BILL/ AUTHOR	ISSUE	DESCRIPTION		CSDA POSITION	STATUS	COST/COST- SAVINGS
AB 83 (Assembly Budget Committee)	CalPERS Supplemental Pension Payment Program	<p>As amended 6/11/19: Among other provisions, this trailer bill includes provisions related to Social Security Administration fee and penalties and Paid Family Leave extension.</p> <p>SSA: CalPERS will begin assessing two types of administrative fees to recover its annual expenses related to their administering on behalf of the state the Social Security Administration Program: (1) annual maintenance fees charged to all Social Security-covered public employers ranging from \$200/year for employers with four or less employees to \$2,500/year for employers with 1,000 or more employees; and (2) one-time assessments between \$600 and \$700 to establish or modify an existing contract with the Social Security Administration. Additionally, SB 83 will increase the penalties for not paying the fees from 7% to 50%.</p> <p>Paid Family Leave: Extends the duration of Paid Family Leave benefits from 6 weeks to 8 weeks beginning July 1, 2020 and reduces the reserve requirement for the Disability Insurance Fund from 45 percent to 30 percent beginning July 1, 2019. Adopts intent language to convene a task force to develop a proposal by November 2019 to extend the duration of Paid Family Leave benefits to six months by 2021-22, for parents to care for and bond with their newborn or newly adopted child. The proposal will also address job protections for workers and the goal of providing a 90 percent wage replacement rate for low-wage workers utilizing the Paid Family Leave program to bond with a child.</p>		Oppose	2-Year Bill	Increased costs between \$250-\$2500 annually for employers whose employees are in the Social Security system
AB 209 (Limón)	Outdoor Equity Grants Program	<p>As chaptered 10/9/19: Requires the Director of the Department of Parks and Recreation (DPR) to establish an Outdoor Equity Grants program. The program is intended to increase the ability of underserved and at-risk populations to participate in outdoor environmental education experiences at state parks and other public lands.</p>		Support	Signed into Law	Potential grant funds for specific programs in out years

		REVENUE			
BILL/ AUTHOR	ISSUE	DESCRIPTION	CSDA POSITION	STATUS	COST/COST- SAVINGS
AB 217 (E. Garcia)	Safe and Affordable Drinking Water Fund	As amended 6/13/19: Prior to being gutted-and-amended into a bill with a new author related to income tax credits, AB 217 would have created the Safe Drinking Water for All Act, which would have established a Safe and Affordable Drinking Water Fund (the Fund) with the goal of providing a source of funding to secure access to safe drinking water for all Californians, while also ensuring long-term sustainability of drinking water systems. It would have imposed several fees on agricultural activities and created a trust fund using investments from the state General Fund that together would have provided the source of revenue to the Fund.	Neutral	2-Year Bill	No direct fiscal impact
AB 247 (Dahle)	Disaster Relief: Carr and Klamathon Fires	As introduced 1/22/19: Requires the State of California to fully reimburse local agencies for eligible costs incurred as a result of the Carr and Klamathon Fires of 2018, as specified	Support	2-Year Bill	Significant fiscal assistance for districts affected by the Klamathon Fires
AB 255 (Limón)	Coastal Resources: Oil Spills: Grants: Eligibility	As chaptered 7/12/19: Clarifies that Native American tribes and other public entities are also eligible to receive grants through the Office of Spill Prevention and Response's local government grants program for oil spill response equipment.	Support	Signed into Law	No cost; potential improved access to certain grants

		REVENUE			
BILL/ AUTHOR	ISSUE	DESCRIPTION	CSDA POSITION	STATUS	COST/COST- SAVINGS
AB 402 (Quirk)	Subsidies: Local Primacy Agencies	<p>As amended 6/18/19: Creates an opt-in program, administered by the State Water Resources Control Board, to fund regulatory oversight of small public drinking water systems in Local Primacy Agency (LPA) counties. The funding stabilization program created by the bill is intended to be funded allowing LPAs to delegate their authority to collect fees on small public water systems to the State Water Board. Unfortunately, the bill was previously written to allow the State Water Board to collect this fee from all public water systems, expanding their fee authority.</p> <p>This bill has been significantly amended to remove CSDA's opposition. The amendments are a substantial improvement from the previous text of the bill. They substantially reduce the overall cost of the program by limiting the LPAs eligible to participate. They clarify that the intent of the program is to assist LPAs where oversight costs have outpaced the revenue collected from fees on public water systems within a LPAs jurisdiction. LPA participation in consolidation efforts is mandatory. While this program will likely lead to fee increases for all public water systems, it is important to acknowledge rates will still increase if LPAs are to return their authority to the State Water Board—a likely prospect without this program.</p>	Neutral	2-Year Bill	Potential costs to public water systems to fund program
AB 556 (Carrillo)	Natural Resources Agency: Community Access Program: Grant Program	As amended 8/30/19: Requires the California Natural Resources Agency to implement a community access program fostering admittance to natural or cultural resources, community education, or recreational amenities, with a focus on low-income and disadvantaged communities.	Support	Vetoed	Potential access to grants for specific programs in out years
AB 557 (Wood)	Atmospheric Rivers: Research, Mitigation, and Climate Forecasting Program	As introduced 2/13/19: Appropriates \$9,250,000 from the General Fund to the Atmospheric Rivers: Research, Mitigation, and Climate Forecasting Program in the Department of Water Resources. The program is charged with conducting research relating to improving the accuracy of forecasting atmospheric river events and the causes and impacts that climate change has on atmospheric rivers, and shall take all actions within its existing authority to operate reservoirs in a manner that improves flood protection in the state and to operate flood control and water storage facilities to capture water generated by atmospheric rivers, thereby increasing water supply, hydropower availability, and the reliability of water resources in the state.	Support	2-Year Bill	No direct fiscal impact

		REVENUE			
BILL/ AUTHOR	ISSUE	DESCRIPTION	CSDA POSITION	STATUS	COST/COST- SAVINGS
AB 570 (Aguiar-Curry)	Local Government Investment Act	As amended 3/25/19: Allows the proposed parcel taxes in ACA 1 (Aguiar-Curry) to exempt certain individuals, specifically individuals over the age of 65, those on SSI for a disability (regardless of age), or those on SSI (regardless of age) whose income does not exceed specified requirements. The application of these exemptions would be up to the taxing entity proposing the parcel tax.	Support	2-Year Bill	No direct fiscal impact
AB 689 (McCarty)	Municipal Utility District Act: Nonstock Security	As chaptered 9/5/19: Authorizes a pilot project for the Sacramento Municipal Utility District (SMUD) to acquire nonstock security in private entities.	Support	Signed into Law	No direct fiscal impact to any district other than SMUD, potentially
AB 1253 (Rivas)	LAFCO Grant Program	As introduced 2/21/19: Requires the Strategic Growth Council to establish a local agency formation commissions grant program for the payment of costs associated with initiating and completing certain actions, subject to an appropriation. The program provisions have a five-year sunset, lapsing at the start of 2026.	Support	2-Year Bill	No direct fiscal impact
AB 1775 (Reyes)	Local Planning: Environmental Justice Goals: Notification: Department of Justice	As amended 4/9/19: Would have expanded the definition of a “fee” for the purposes of Fee Mitigation Act by eliminating existing exclusions to the act, such as the Quimby fees for parks. This measure was gutted-and-amended on April 9 and now puts new requirements on cities and counties related to environmental justice.	Neutral	2-Year Bill	No direct fiscal impact
ACA 1 (Aguiar-Curry)	New 55% Vote Threshold for Public Infrastructure and Affordable Housing	As amended 3/18/19: Provides for a new 55% voter threshold for local agencies to pass special taxes for certain infrastructure and housing projects. It also provides the same threshold for local governments to pass general obligation bonds for the same infrastructure and housing projects. There are strict accountability measures attached to these new mechanisms. CSDA requested that special districts be added to the bond portion and submitted draft amendments which were accepted and incorporated into the measure.	Support	2-Year Bill	Potentially significant revenue increase opportunities

		REVENUE			
BILL/ AUTHOR	ISSUE	DESCRIPTION	CSDA POSITION	STATUS	COST/COST- SAVINGS
SB 15 (Portantino)	Local-State Sustainable Investment Program	<p>As amended 4/24/19: Would have required a county auditor to decrease the amount of ad valorem property tax revenue that is allocated to the county Educational Revenue Augmentation Fund (ERAF) to instead be allocated to RDA the successor agencies for affordable housing.</p> <p>This bill was amended April 8 to create the Local-State Sustainable Investment Program. Special districts can participate indirectly by way of membership in a joint powers authority or enhanced infrastructure finance district and by committing revenues voluntarily, including tax increment financing revenue(s), in order to gain access to ERAF dollars for certain housing and infrastructure projects.</p>	Neutral	2-Year Bill	No costs; potential revenue opportunities in some cases
SB 83 (Senate Budget and Fiscal Review Committee)	CalPERS Supplemental Pension Payment Program	<p>As chaptered 6/27/19: Amongst other provisions, the trailer bill includes provisions related to Social Security Administration fee and penalties and Paid Family Leave extension.</p> <p>SSA: CalPERS will begin assessing two types of administrative fees to recover its annual expenses related to their administering on behalf of the state the Social Security Administration Program: (1) annual maintenance fees charged to all Social Security-covered public employers ranging from \$200/year for employers with four or less employees to \$2,500/year for employers with 1,000 or more employees; and (2) one-time assessments between \$600 and \$700 to establish or modify an existing contract with the Social Security Administration. Additionally, SB 83 will increase the penalties for not paying the fees from 7% to 50%.</p> <p>Paid Family Leave: Extends the duration of Paid Family Leave benefits from 6 weeks to 8 weeks beginning July 1, 2020 and reduces the reserve requirement for the Disability Insurance Fund from 45 percent to 30 percent beginning July 1, 2019. Adopts intent language to convene a task force to develop a proposal by November 2019 to extend the duration of Paid Family Leave benefits to six months by 2021-22, for parents to care for and bond with their newborn or newly adopted child. The proposal will also address job protections for workers and the goal of providing a 90 percent wage replacement rate for low-wage workers utilizing the Paid Family Leave program to bond with a child.</p>	Oppose	Signed into Law	Increased costs between \$250- \$2500 annually for employers whose employees are in the Social Security system

Item 10 - Page 26

		REVENUE			
BILL/ AUTHOR	ISSUE	DESCRIPTION	CSDA POSITION	STATUS	COST/COST- SAVINGS
SB 128 (Beall)	Santa Clara and Monterey Counties: Best Value Construction Contracting for Counties Pilot Program	As chaptered 10/3/19: This measure would have removed the requirement that Enhanced Infrastructure Finance Districts (EIFDs) go to the voters to bond against their tax increment. The current threshold is 55 percent. Instead there is a public protest process regarding the agency's financing plan that could overturn the plan (50+1 of affected adults protesting) or force an election (25% of affected adults protesting). The measure might have ended up being duplicative of the Governor's plan to incentivize use of EIFDs rather than use traditional RDAs to fund housing programs and projects. This bill has subsequently been gutted-and-amended, and no longer deals with EIFDs.	Neutral	Signed into Law	No direct fiscal impact
SB 532 (Portantino)	Redevelopment: City of Glendale: Bond Proceeds: Affordable Housing	As amended 9/5/19: This bill would have authorized all redevelopment successor agencies to use their remaining bond proceeds for affordable housing, instead of cancelling/defeating outstanding bonds. The author agreed in the Senate Governance and Finance committee to limit the measure to only the city of Glendale, further providing that bond proceeds spent on affordable housing be committed only to those projects where 100% of the units are classified as affordable housing, and included other narrowing and limiting changes.	Neutral	Vetoed	No known costs
SCA 3 (Hill)	Property Taxation: Change in Ownership: Inheritance Exclusion	As introduced 12/4/18: The California Constitution specifies certain transfers of real property that are not deemed to be a "purchase" or "change in ownership" of a property for the purpose of reassessment of property value and therefore ad valorem property tax. These exceptions include the transfer of a principal residence to children or grandchildren up to the first \$1,000,000 of value. SCA 3 would limit this exclusion to those properties that the recipient uses as their actual principal residence, potentially dramatically increasing local property tax revenues. The LAO has estimated the total revenue to be \$1.5 billion annually	Support	2-Year Bill	Likely significant revenue increase

REVENUE					
BILL/ AUTHOR	ISSUE	DESCRIPTION	CSDA POSITION	STATUS	COST/COST- SAVINGS
SCA 4 (Galgiani)	Property Tax Postponement	<p>As introduced 2/25/19: Limits the exclusion for the purchase or transfer of a principal residence between parents and their children and between grandparents and their grandchild or grandchildren to only those instances in which the residence continues as the principal residence of the transferee, resulting in some increased revenues.</p> <p>This amendment would also allow the base year value of property eligible for the homeowner's exemption of any person who is severely disabled or over 55 years of age to be transferred to any replacement dwelling, regardless of the number of prior transfers or the value of the replacement property or whether the replacement property is located within the same county. These provisions would likely result in diminished property tax revenues.</p>	Oppose	2-Year Bill	Likely significant revenue gains from one provision with likely significant revenue losses from the other
WATER, CONSERVATION AND OPEN SPACE					
BILL/ AUTHOR	ISSUE	DESCRIPTION	CSDA POSITION	STATUS	COST/COST- SAVINGS
AB 231 (Mathis)	CEQA: Exemption: Recycled Water	<p>As introduced 1/17/19: Exempts a project from CEQA to construct or expand a recycled water pipeline to mitigate drought conditions when a state of emergency has been proclaimed by the governor.</p> <p>Under AB 231, an exempted project would have to be located on or adjacent to a critically over-drafted groundwater basin or a project where the construction impacts are fully mitigated and does not affect wetlands or sensitive habitat.</p>	Support	2-Year Bill	Potential cost savings for drought mitigation projects in the event of an emergency declaration
AB 292 (Quirk)	Definition: Indirect Potable Reuse for Groundwater Recharge: Groundwater Augmentation	<p>As amended 6/20/19: Updates the definition of potable reuse of recycled water by including raw water augmentation, treated drinking water augmentation, groundwater augmentation, or reservoir water augmentation within the definition of recycled water and deletes direct and indirect potable reuse. California is a world leader in potable reuse, using highly purified recycled water for drinking water purposes. Potable reuse is currently used for groundwater recharge of drinking water supplies in many places in California and it will soon be used to augment surface water reservoirs that store drinking water supplies.</p>	Support	2-Year Bill	No direct fiscal impact
AB 405 (Rubio)	Sales and Use Taxes: Exemption: Water Treatment Chemicals	<p>As amended 4/25/19: Provides, until January 1, 2025, a sales and use tax (SUT) exemption for chemicals and other agents used by a city, county, public utility or sanitation district to treat water, recycled water or wastewater. This SUT exemption is available regardless of whether those chemicals or agents become a component of water and whether the treatment takes place before or after delivery to consumers.</p>	Support	2-Year Bill	Cost savings for public utility and sanitation districts

WATER, CONSERVATION AND OPEN SPACE					
BILL/ AUTHOR	ISSUE	DESCRIPTION	CSDA POSITION	STATUS	COST/COST- SAVINGS
AB 508 (Chu)	Consolidation and Extension of Service: Domestic Wells	As chaptered 9/27/19: Establishes a deadline of July 1, 2020, for the State Water Resources Control Board (SWRCB) to adopt a policy for members of a disadvantaged community to petition the SWRCB to consider ordering a consolidation, and updates the law allowing extension of service to a community with a failing domestic well.	Concerns	Signed into Law	No direct fiscal impact
AB 533 (Holden)	Income Taxes: Exclusion: Turf Removal Water Conservation Program	As amended 4/4/19: Extends the sunset date for a gross income exclusion for amounts received from a local water agency or supplier as part of a turf removal water conservation program. Currently, financial incentives on energy conservations are tax-exempt. This brings greater parity to encourage participation and public support for programs that fundamentally change long-standing water-use practices.	Support	2-Year Bill	No direct fiscal impact
AB 1180 (Friedman)	Updates: State Water Resources Control Board (SWRCB) Non-potable Recycled Water Regulations	As chaptered 10/2/19: Requires the State Water Resources Control Board (SWRCB) to update, by January 1, 2023, the uniform statewide criteria for nonpotable recycled water uses established in Title 22 of the California Code of Regulations.	Support	Signed into Law	No direct fiscal impact
AB 1204 (Rubio)	Public Water Systems: Primary Drinking Water Standards: Implementation Date	As introduced 2/21/19: Requires the adoption or amendment of a primary drinking water standard for a contaminant in drinking water not regulated by a federal primary drinking water standard or that is more stringent than a federal primary drinking water standard to take effect 3 years after the date on which the state board adopts or amends the primary drinking water standard. The bill also authorizes the state board to delay the effective date of the primary drinking water standard adoption or amendment by no more than 2 additional years as necessary for capital improvements to comply with a maximum contaminant level or treatment technique.	Support	2-Year Bill	No direct fiscal impact
AB 1588 (Gloria)	Drinking Water and Wastewater Operator Certification Programs	As chaptered 10/11/19: Establishes equivalence between specified military classifications and wastewater/drinking water treatment system operators relative to the State Water Resources Control Board (SWRCB) licensing requirements. Adds an active or former member of the US military with water treatment or distribution operator experience to the advisory committee on operator certificate program regulations.	Support	Signed into Law	No direct fiscal impact

WATER, CONSERVATION AND OPEN SPACE					
BILL/ AUTHOR	ISSUE	DESCRIPTION	CSDA POSITION	STATUS	COST/COST- SAVINGS
AB 1672 (Bloom)	Solid Waste: Non-Flushable Wipes	As amended 4/25/19: Establishes performance and labeling standards for flushable wipes and provides for the imposition of civil penalties on parties failing to conform to those standards. When wet wipes products are flushed into the sewer system, they can cause significant issues for private property owners, sewer collection systems, and wastewater treatment plants. Wet products that do not break down can catch on tree roots or other obstructions in residential sewer laterals and cause costly and dangerous backups for property owners. Wet wipes have been shown to cause significant damage to residential septic systems, resulting in expensive repairs and remediation for homeowners. AB 1672 presents a straightforward solution to helping combat the aforementioned problems caused by improperly flushing wet wipes. The bill prescribes clear and consistent consumer messaging for these products that indicates to consumers that either a wipe is “flushable,” or it is not. Under the provisions of AB 1672, wipes can be labeled as “flushable” if they do not cause harm to the sewer system, meaning that manufacturers can demonstrate that their wipes break down in the sewer system like dry toilet paper. For all other wipes that are not intended to be flushed, they must be conspicuously marked with “Do Not Flush” labeling. This measure is sponsored by the California Association of Sanitation Agencies.	Support	2-Year Bill	Potential cost savings for sanitary districts resulting reduced damage to equipment from flushable wipes
SB 1 (Atkins)	California Environmental, Public Health, and Workers Defense Act of 2019	As amended 9/10/19: Enacts the California Environmental, Public Health, and Workers Defense Act of 2019 (Act) with the purpose of ensuring that protections afforded to Californians under federal environmental and labor laws and regulations as of January 2017 remain in place in the event that the federal executive branch weakens or repeals any of those federal laws or regulations. This measure threatens the Voluntary Agreements and the prospect of a more collaborative approach to water management in the Sacramento and San Joaquin watershed.	Oppose	Vetoed	Potentially significant costs for water districts with interests in the San Joaquin watershed
SB 134 (Hertzberg)	Water Conservation: Water Losses: Enforcement	As chaptered 8/30/19: Prohibits the State Water Board from issuing an information order, written notice, or conservation order to an urban retail water supplier that does not meet its urban water use objective if the board determines the urban retail water supplier is not meeting its urban water use objective solely because the volume of water loss exceeds the urban retail water supplier’s standard for water loss and the board is taking enforcement action against the urban retail water supplier for not meeting the performance standards for the volume of water losses.	Support	Signed into Law	No direct fiscal impact

Item 10 - Page 30

WATER, CONSERVATION AND OPEN SPACE					
BILL/ AUTHOR	ISSUE	DESCRIPTION	CSDA POSITION	STATUS	COST/COST- SAVINGS
SB 307 (Roth)	Water Conveyance: Use of Facility with Unused Capacity	<p>As chaptered 7/31/19: Prohibits a transferor of water from using a water conveyance facility that has unused capacity to transfer water from a groundwater basin unless the State Lands Commission, in consultation with the Department of Fish and Wildlife, finds that the transfer of the water will not adversely affect the natural or cultural resources, including groundwater resources or habitat, of those federal and state lands.</p> <p>For this prohibition to apply, the groundwater basin must underlie desert lands that are in the vicinity of a national monument, a national preserve, a national park, a state or federal wilderness area, or state lands.</p> <p>“Desert lands” are defined as the portion of California located south of Interstate 15, east of State Highway 247, north of State Highway 62, west of Interstate 95, and west of the Nevada state line between Interstate 95 and Interstate 15. The only known project that this bill would affect is the Cadiz Water Project. This bill is substantially similar to AB 1000 (Friedman) of 2017, a bill that CSDA opposed, which died on the Assembly Floor.</p>	Oppose	Signed into Law	Impacts the Cadiz Water Project only
SB 332 (Hertzberg)	Wastewater Treatment: Recycled Water	As amended 4/30/19: Declares that the discharge of treated wastewater from ocean outfalls is a waste and unreasonable use of water. The bill requires each wastewater treatment facility and affiliated water suppliers that discharge to the ocean outfall to reduce the facility’s annual flow by at least 50% by January 1, 2030, and by at least 95% by January 1, 2040. The bill would subject the owner or operator of a wastewater treatment facility, as well as the affiliated water suppliers, to a civil penalty of \$2,000 per acre-foot of water above the required reduction for the failure to meet these deadlines.	Oppose	2-Year Bill	Potential infrastructure costs to wastewater facilities
SB 414 (Caballero)	Small System Water Authority Act of 2019	As amended 6/25/19: Creates the Small System Water Authority Act, which would allow county local agency formation commissions, in concert with the State Water Resources Board, to consolidate clusters of small water systems that have chronically failed to provide safe and affordable drinking to their customers. These small, failing systems would be reformed into a single Small System Water Authority, benefiting from economies of scale and improved governance and accountability.	Support	2-Year Bill	No direct fiscal impact

Item 10 - Page 31

WATER, CONSERVATION AND OPEN SPACE					
BILL/ AUTHOR	ISSUE	DESCRIPTION	CSDA POSITION	STATUS	COST/COST- SAVINGS
SB 669 (Caballero)	Safe Drinking Water Fund	As introduced 2/22/19: Creates the Safe and Affordable Drinking Water Fund to fund projects that expand access to safe drinking water in disadvantaged communities around the state. SB 669 proposes to fund these projects with interest generated by the Safe and Affordable Drinking Water Fund, which would also be created by the bill. At this time, SB 669 does not specify the initial investment in the fund.	Support	2-Year Bill	<i>Cost savings for infrastructure improvements to drinking water systems in disadvantaged communities</i>