

SOLANO COUNTY WATER AGENCY



BOARD OF DIRECTORS MEETING

BOARD OF DIRECTORS:

Chair:
Director John D. Kluge
Solano Irrigation District

Vice Chair:
Supervisor Skip Thomson
Solano County District 5

Mayor Elizabeth Patterson
City of Benicia

Mayor Thom Bogue
City of Dixon

Mayor Harry Price
City of Fairfield

Director Ryan Mahoney
Maine Prairie Water
District

Director Dale Crossley
Reclamation District No.
2068

Mayor Ron Kott
City of Rio Vista

Supervisor Erin Hannigan
Solano County District 1

Supervisor Monica Brown
Solano County District 2

Supervisor Jim Spering
Solano County District 3

Supervisor John Vasquez
Solano County District 4

Mayor Pete Sanchez
City of Suisun City

Mayor Len Augustine
City of Vacaville

Mayor Bob Sampayan
City of Vallejo

GENERAL MANAGER:

Roland Sanford
Solano County Water
Agency

DATE: Thursday, July 12, 2018

TIME: 6:30 P.M.

PLACE: Berryessa Room
Solano County Water Agency Office
810 Vaca Valley Parkway, Suite 203
Vacaville

1. **CALL TO ORDER**

2. **PLEDGE OF ALLEGIANCE**

3. **APPROVAL OF AGENDA**

4. **PUBLIC COMMENT**

Limited to 5 minutes for any one item not scheduled on the Agenda.

5. **CONSENT ITEMS** *(estimated time: 5 minutes)*

(A) **Minutes:** Approval of the Minutes of the Board of Directors meeting of June 14, 2018.

(B) **Expenditure Approvals:** Approval of the June 2018 checking account register.

(C) **Quarterly Financial Reports:** Approve the Income Statement and Balance Sheet of June, 2018.

(D) **Revised Appropriations Limit for Fiscal Year 2005-2005 through Fiscal Year 2017-2018:** Approve Resolution Number 2018-03 revising Appropriations Limit calculation for Fiscal Year 2004-2005 through Fiscal Year 2017-2018.

(E) **Appropriations Limit for Fiscal Year 2018-2019:** Approve Resolution Number 2018-04 setting Appropriations Limit for Fiscal Year 2018-2019.



6. **BOARD MEMBER REPORTS** *(estimated time: 5 minutes)*

RECOMMENDATION: For information only.

7. **GENERAL MANAGER'S REPORT** *(estimated time: 5 minutes)*

RECOMMENDATION: For information only.

8. **SOLANO WATER ADVISORY COMMISSION REPORT** *(estimated time: 5 minutes)*

RECOMMENDATION: For information only.

9. **ACCEPTANCE OF SWEENEY CREEK EASEMENTS FOR FLOOD CONTROL PURPOSES** *(estimated time: 10 minutes)*

RECOMMENDATION: Accept easement agreements for the following assessor parcel numbers; 106-023-010, 106-021-190, 106-021-200, 106-021-240, 106-021-290; and authorize General Manager to submit said easement agreements for recordation by the Solano County Recorder's Office.

10. **SUSTAINABLE GROUNDWATER MANAGEMENT ACT – DRAFT BASIN REPRIORITIZATION BY DEPARTMENT OF WATER RESOURCES** *(estimated time: 10 minutes)*

RECOMMENDATIONS:

1. Authorize General Manager to sign and submit letter of opposition to Department of Water Resources in response to the Department of Water Resources' proposed reprioritization of the Solano Subbasin.
2. Authorize General Manager to sign and submit letter of opposition to Department of Water Resources in response to the Department of Water Resources' proposed reprioritization of the Napa-Sonoma Lowlands Subbasin.

11. **LEGISLATIVE UPDATES** *(estimated time: 5 minutes)*

RECOMMENDATION:

1. Hear report from Committee Chair on activities of the SCWA Legislative Committee.

12. **WATER POLICY UPDATES** *(estimated time: 10 minutes)*

RECOMMENDATION:

1. Hear report from staff on current and emerging Delta and Water Policy issues and provide direction.
2. Hear status report from Committee Chair on activities of the SCWA Water Policy Committee.

3. Hear report from Supervisor Thomson on activities of the Delta Counties Coalition, Delta Protection Commission, and Delta Stewardship Council.
4. Hear report from Supervisor Vasquez on activities of the Delta Conservancy.
13. **CLOSED SESSION** Conference with Legal Counsel – Existing Litigation - Pursuant to Government Code § 54956.9)
Friends of Putah Creek v. Central Valley Flood Protection Board
Solano County Superior Court Case No. FCS051040
14. **TIME AND PLACE OF NEXT MEETING**

Thursday, August 9, 2018 at 6:30 p.m. at the SCWA offices.

The Full Board of Directors packet with background materials for each agenda item can be viewed on the Agency's website at www.scwa2.com.

Any materials related to items on this agenda distributed to the Board of Directors of Solano County Water Agency less than 72 hours before the public meeting are available for public inspection at the Agency's offices located at the following address: 810 Vaca Valley Parkway, Suite 203, Vacaville, CA 95688. Upon request, these materials may be made available in an alternative format to persons with disabilities.

CONSENT ITEMS

**SOLANO COUNTY WATER AGENCY
BOARD OF DIRECTORS MEETING MINUTES**

MEETING DATE: June 14, 2018

The Solano County Water Agency Board of Directors met this evening at the Solano County Water Agency office in Vacaville. Present were:

Mayor Elizabeth Patterson, City of Benicia
Mayor Thom Bogue, City of Dixon
Mayor Harry Price, City of Fairfield
Mayor Ronald Kott, City of Rio Vista
Mayor Pete Sanchez, Suisun City
Director Mitch Mashburn, City of Vacaville
Mayor Bob Sampayan, City of Vallejo
Supervisor Monica Brown, Solano County District 2
Supervisor John Vasquez, Solano County District 4
Supervisor Skip Thomson, Solano County District 5
Director Dale Crossley, Reclamation District 2068
Director John Kluge, Solano Irrigation District

CALL TO ORDER

The meeting was called to order by Chair Kluge at 6:33 pm.

APPROVAL OF AGENDA

On a motion by Mayor Sanchez and second by Supervisor Vasquez the Board unanimously approved the agenda. Following approval of the agenda, Chair Kluge requested a moment of silence in honor of recently deceased former Supervisor Barbara Kondylis. Mayor Patterson reflected on the kindness and generosity of Supervisor Kondylis and praised her environmental stewardship. Supervisor Brown stated that Supervisor Kondylis stayed true to her values.

PUBLIC COMMENT

There were no public comments.

CONSENT ITEMS

On a motion by Mayor Price and a second by Supervisor Brown the Board unanimously approved the following consent items:

- (A) Minutes
- (B) Expenditure Approvals
- (C) Employee Credit Cards
- (D) Pre-Approval of Fiscal Year 2018-2019 Payments
- (E) Statement of Investment Policy
- (F) Employee Handbook
- (G) SCWA Procurement Policy for Construction Projects

BOARD MEMBER REPORTS

There were no Board Member reports.

GENERAL MANAGER'S REPORT

There were no additions to the General Manager's written report included in the Board's June 14, 2018 meeting agenda packet.

SOLANO WATER ADVISORY COMMISSION

There was no verbal or written report, the minutes of the April 25, 2018 Solano Water Advisory Commission meeting were included in the Board's June 2018 meeting agenda packet.

SCWA BUDGET FOR FISCAL YEAR 2018-2019

General Manager Roland Sanford reported the Executive Committee, serving as the FY 2018-2019 Budget Review Committee, had met the prior week and reviewed the draft budget, and that both the Budget Review Committee and staff are recommending adoption of the FY 2018-2019 budget as presented in the Board agenda packet. Mr. Sanford then provided a brief review of the FY 2017-2018 budget, which he noted was designed to draw down reserves by approximately \$7,000,000 to fund certain one-time and short-term expenditures. Mr. Sanford explained that some of the major expenditures that were anticipated in FY 2017-2018 did not occur, and that as a result of reduced expenditures, and somewhat higher than anticipated revenues, FY 2017-2018 is now expected to close with a net increase of reserves. He further explained that the proposed FY 2018-2019 budget was crafted in the same manner as the FY 2017-2018 budget, again with the expectation that reserves would be drawn down by approximately \$6,500,000 to fund certain one-time and short-term expenditures, most of which are carryovers from FY 2017-2018. As proposed, total FY 2018-2019 expenditures (\$43,467,687) exceed total anticipated FY 2018-2019 revenues (\$36,933,018), with the difference (\$6,534,669), to be withdrawn from reserves.

Board members asked a variety of questions pertaining to the State Water Project tax, unfunded OPEB (Other Post Employment Benefits) and CalPERS pension liabilities, and the desired level of emergency reserves.

Mr. Sanford described the purpose of the State Water Project tax and noted that roughly 80 percent of the funds required to pay for Solano County's share of the costs to construct, operate and maintain the North Bay Aqueduct are obtained through the State Water Project tax levied each year. Water Agency Counsel Jeanne Zolezzi stated that the State Water Project tax predates Proposition 218 and therefore maintaining the current tax rate of \$0.02 per \$100 of assessed property valuation was not subject to Proposition 218. But that if the Agency were to eliminate or reduce the tax rate, and then seek to increase the tax rate in a subsequent year, the proposed increase would be subject to Proposition 218.

Mr. Sanford noted that the current unfunded OPEB liability will be paid off, if not by the close of FY 2018-2019 then certainly by FY 2019-2020. Several Board members asked whether the entire unfunded OPEB liability, and possibly a portion of the current unfunded CalPERS pension liability, should be paid off in FY 2018-2019 using available reserves. Mr. Sanford stated that staff could investigate the option of further accelerating the pay-off of unfunded liabilities.

Mayor Bogue questioned whether \$1,000,000 was sufficient for emergency reserves, and inquired as to how the amount of emergency reserves was determined. Mr. Sanford stated that the decision to allocate \$1,000,000 for emergency reserves predated his arrival as General Manager and has remained unchanged over the years. He stated that staff could investigate the option of increasing emergency reserves beyond the \$1,000,000 currently proposed for FY 2018-2019.

On a motion by Supervisor Vasquez and second by Mayor Bogue the Board unanimously approved the SCWA Budget for Fiscal Year 2018-2019 with the understanding staff, at a future Board meeting, will return with recommendations regarding the desired level of emergency reserves funds (presently set at \$1,000,000), and recommendations regarding whether to accelerate the buy down of unfunded OPEB and CalPERS pension liabilities.

BUDGET IMPLEMENTATION ACTIONS

State Water Project Tax Rate for Fiscal Year 2018-2019

On a motion from Supervisor Vasquez and second by Supervisor Brown the Board adopted a State Water Project Tax Rate of \$0.02 per \$100 of assessed valuation. Mayor Sanchez voted no.

Cost of living Adjustment for Water Agency Employees

The Board discussed the use of Consumer Price Indices as a metric for granting cost of living increases and noted that there are no specific Consumer Price Indices for Solano County, and to date no specific policy regarding how Consumer Price Indices are to be used in the determination of cost of living increases. General Manager Roland Sanford explained that cost of living increases are at the Board's discretion and that historically, Consumer Price Indices have been used as a benchmark by the Board when considering cost of living increases. After extensive discussion, Supervisor Thomson made a motion to approve the recommended Cost of Living Adjustment of 3.2%, Supervisor Vasquez seconded the motion. Mayor Bogue, Mayor Price, Mayor Sanchez, Councilmember Mashburn, Supervisor Vasquez, Supervisor Thomson and Director Crossley voted yes; Mayor Kott, Mayor Patterson, and Director Kluge voted no.

Consultant Services Contracts and Renewals

Mayor Bogue asked if the contract amounts for any given agreement change substantially from year to year. General Manager Roland Sanford explained that for the most part, contract amounts for any given agreement remain reasonably steady from year to year. Mayor Bogue requested that in future years staff provide a comparison of the prior year contract amount in relation to the proposed contract amount for the coming fiscal year. On a motion by Mayor Bogue and second by Supervisor Brown the Board unanimously authorized the General Manager to execute the consultant services agreements listed in agenda item 10C.

LEGISLATIVE UPDATES

Supervisor Thomson and General Manager Roland Sanford reported that the Legislative Committee had met on June 7 and is recommending the Board authorize submittal of a support letter for Senator Dodd's SB 919 bill. If passed by the legislature and signed by the Governor, the bill would direct DWR to develop a master plan for a statewide streamflow gaging network. On a motion by Mayor Patterson and second by Supervisor Brown the Board unanimously approved submittal of a support letter for SB 919.

WATER POLICY UPDATES

1. There was no report from staff on current and emerging Delta and Water Policy issues.
2. General Manager Roland Sanford reported that the Water Policy Committee has been meeting to discuss flood management policy and that after one or two more meetings, should be prepared to make flood management policy recommendations to the full Board
3. Supervisor Thomson reported that the Delta Plan Amendments were adopted by the Delta Stewardship Council last month. He noted that Metropolitan, Santa Clara Valley Water District and other State Water Contractors have formed a Joint Powers Authority to design and construct the twin tunnels project.
4. Supervisor Vasquez had nothing to report on activities from the Delta Conservancy.

Mayor Patterson, referring to the April 25, 2018 minutes of the Solano Advisory Commission meeting, asked about the discussion of water exchanges and transfers that took place, and expressed concern that the Board has not discussed or adopted any policies with respect water exchanges and transfers. General Manager Roland Sanford explained that the water exchanges currently under discussion are one-year water exchanges that would be implemented under current rules and protocols dictated by the Department of Water Resources, and that the Department of Water Resources and State Water Contractors are currently in negotiations regarding the scope and mechanism by which single and multi-year water exchanges and transfers will occur in the future, and that once those negotiations are completed and the new rules and protocols for water exchanges are established, it would be appropriate for the Board to discuss and adopt water exchange and water transfer policies.

CLOSED SESSION

The Board moved into Closed Session at 7:40 pm to conference with legal counsel regarding anticipated litigation: Significant exposure to litigation pursuant to Section 54956.9(b): One case – Friends of Putah Creek 60 Day Notice. The Board returned to open session at 7:55 pm. There were no reportable actions taken by the Board in Closed Session.

TIME AND PLACE OF NEXT MEETING

Thursday, July 12, 2018 at 6:30 p.m., at the SCWA offices in Vacaville

ADJOURNMENT

This meeting of the Solano County Water Agency Board of Directors was adjourned at 7:56 p.m.

Roland Sanford
General Manager & Secretary to the
Solano County Water Agency

**ACTION OF
SOLANO COUNTY WATER AGENCY**

DATE: July 12, 2018
SUBJECT: Expenditures Approval

RECOMMENDATIONS:

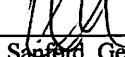
Approve expenditures from the Water Agency checking accounts for June, 2018.

FINANCIAL IMPACT:

All expenditures are within previously approved budget amounts.

BACKGROUND:

The Water Agency auditor has recommended that the Board of Directors approve all expenditures (in arrears). Attached is a summary of expenditures from the Water Agency's checking accounts for June, 2018. Additional backup information is available upon request.

Recommended: 
Roland Sanford, General Manager

☐

Approved as
recommended

☐

Other
(see below)

☐

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next page

Modification to Recommendation and/or other actions:

I, Roland Sanford, General Manager and Secretary to the Solano County Water Agency, do hereby certify that the foregoing action was regularly introduced, passed, and adopted by said Board of Directors at a regular meeting thereof held on July 12, 2018 by the following vote:

Ayes:

Noes:

Abstain:

Absent:

Roland Sanford
General Manager & Secretary to the
Solano County Water Agency

SOLANO COUNTY WATER AGENCY Cash Disbursements Journal

For the Period From Jun 1, 2018 to Jun 30, 2018

Filter Criteria includes: Report order is by Check Number. Report is printed in Detail Format.

Date	Check	Name	Account	Line Description	Debit Amo	Credit Am
6/7/18	31530	VERIZON WIRELESS	2020SC 1020SC	Invoice: 9802467497 VERIZON WIRELESS	2,262.77	2,262.77
6/7/18	31743	ALPHA MEDIA II LLC	2020SC 1020SC	Invoice: IN-1180489687 ALPHA MEDIA II LLC	3,040.00	3,040.00
6/6/18	31828	AMERICAN TOWER CORPORATION	2020SC 1020SC	Invoice: 2708174 AMERICAN TOWER CORPORATION	578.26	578.26
6/6/18	31829	THE REINALT-THOMAS CORP	2020SC 1020SC	Invoice: 1923101 THE REINALT-THOMAS CORP	397.18	397.18
6/6/18	31830	BEACH CAMERA	2020SC 1020SC	Invoice: BX7362554 BEACH CAMERA	1,499.00	1,499.00
6/6/18	31831	CHAVEZ TRUCKING	2020SC 1020SC	Invoice: 6183 CHAVEZ TRUCKING	218.50	218.50
6/6/18	31832	CITY OF NAPA WATER DIVISION	2020SC 1020SC	Invoice: PROP 84 RD2 Q12 CITY OF NAPA WATER DIVISION	297.00	297.00
6/6/18	31833	CLEAN TECH ADVOCATES	2020N 1020SC	Invoice: JUN 2018 CLEAN TECH ADVOCATES	8,600.00	8,600.00
6/6/18	31834	DEPT. OF INFORMATION TECHNOLOG	2020SC 1020SC	Invoice: 18-3700154 DEPT. OF INFORMATION TECHNOLOGY	14,430.17	14,430.17
6/6/18	31835	MICHAEL DOMITREK	2020SC 1020SC	Invoice: 05/21/18 MICHAEL DOMITREK	2,640.52	2,640.52
6/6/18	31836	EVERBANK COMMERCIAL FINANCE	2020SC 1020SC	Invoice: 5310803 EVERBANK COMMERCIAL FINANCE	1,135.17	1,135.17
6/6/18	31837	T.M. HARDESTY	2020SC 1020SC	Invoice: APR-MAY 2018 T.M. HARDESTY	1,555.78	1,555.78
6/6/18	31838	IRRIGATION KING	2020SC 1020SC	Invoice: 00002966 IRRIGATION KING	4,013.60	4,013.60
6/6/18	31839	JEFFREY J JANIK	2020N 1020SC	Invoice: 0518-3 JEFFREY J JANIK	600.00	600.00
6/6/18	31840	M&M SANITARY LLC	2020SC 1020SC	Invoice: 519159 M&M SANITARY LLC	157.50	157.50
6/6/18	31841	MANN, URRUTIA, NELSON, CPAS	2020SC 1020SC	Invoice: 15213 MANN, URRUTIA, NELSON, CPAS	6,300.00	6,300.00
6/6/18	31842	MECOM EQUIPMENT, LLC	2020SC 1020SC	Invoice: C57171 MECOM EQUIPMENT, LLC	661.10	661.10
6/6/18	31843	PBM SUPPLY AND MFG. INC	2020N 1020SC	Invoice: 773568 PBM SUPPLY AND MFG. INC	4,820.21	4,820.21
6/6/18	31844	PISANIS AUTO PARTS	2020SC 2020SC 2020SC 2020SC 2020SC 2020SC 2020SC 1020SC	Invoice: 793624 Invoice: 793748 Invoice: 794366 Invoice: 794652 Invoice: 794936 Invoice: 795758 Invoice: 796700 PISANIS AUTO PARTS	43.55 80.43 37.83 3.10 10.71 4.27 10.71	190.60
6/6/18	31845	ROCK STEADY JUGGLING	2020SC 1020SC	Invoice: 1297 ROCK STEADY JUGGLING	2,500.00	2,500.00
6/6/18	31846	SHANDAM CONSULTING	2020SC 1020SC	Invoice: 0531180229 SHANDAM CONSULTING	4,065.00	4,065.00
6/6/18	31847	SOLANO RESOURCE CONSERVATION	2020SC 1020SC	Invoice: 1225 SOLANO RESOURCE CONSERVATION DISTRICT	2,383.17	2,383.17
6/6/18	31848	SONOMA COUNTY WATER AGENCY	2020SC 1020SC	Invoice: PROP84 RD2 Q12 SONOMA COUNTY WATER AGENCY	1,524.81	1,524.81

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Date	Check	Name	Accoun	Line Description	Debit Amo	Credit Am
6/6/18	31849	SONOMA RESOURCE CONSERVATION	2020SC 1020SC	Invoice: PROP84 RD2 Q12 SONOMA RESOURCE CONSERVATION DISTRICT	20,460.70	20,460.70
6/6/18	31850	SOUTHWEST ENVIRONMENTAL	2020SC 1020SC	Invoice: 34980 SOUTHWEST ENVIRONMENTAL	21,030.00	21,030.00
6/6/18	31851	SUISUN VALLEY FRUIT GROWERS AS	2020SC 2020SC 2020SC 2020SC 2020SC 2020N 2020SC 2020SC 2020SC 2020SC 2020SC 2020SC 2020SC 2020SC 2020SC 1020SC	Invoice: 54677 Invoice: 54859 Invoice: 54858 Invoice: 55042 Invoice: 55059 Invoice: 55209 Invoice: 55257 Invoice: 55304 Invoice: 55305 Invoice: 55397 Invoice: 55463 Invoice: 55459 Invoice: 304151 SUISUN VALLEY FRUIT GROWERS AS	176.79 60.92 174.98 351.21 92.39 541.96 17.16 114.92 36.77 388.44 1.61 1.61 30.58	1,989.34
6/6/18	31852	THINKING GREEN CONSULTANTS	2020SC 2020SC 1020SC	Invoice: BAWMRP #15 Invoice: 10 THINKING GREEN CONSULTANTS	3,159.00 858.95	4,017.95
6/6/18	31853	JOSEPH GINGERICH	2020SC 1020SC	Invoice: JOSEPH GINGERICH JOSEPH GINGERICH	437.00	437.00
6/6/18	31854	KAREN JACOME	2020SC 1020SC	Invoice: KAREN JACOME KAREN JACOME	1,000.00	1,000.00
6/6/18	31855	LINDA MARTIN	2020SC 1020SC	Invoice: LINDA MARTIN LINDA MARTIN	375.00	375.00
6/6/18	31856	CARLA MURPHY	2020SC 1020SC	Invoice: CARLA MURPHY CARLA MURPHY	625.00	625.00
6/6/18	31857	SOLANO COUNTY	2020SC 1020SC	Invoice: SOLANO COUNTY SOLANO COUNTY	5,000.00	5,000.00
6/6/18	31858	REGINA WALKER	2020SC 1020SC	Invoice: REGINA WALKER REGINA WALKER	1,000.00	1,000.00
6/6/18	31859	VERIZON WIRELESS	2020SC 1020SC	Invoice: 9808015469 VERIZON WIRELESS	2,880.91	2,880.91
6/6/18	31860	WESTERN RANCH & PET SUPPLY	2020SC 1020SC	Invoice: 1444942 WESTERN RANCH & PET SUPPLY	138.31	138.31
6/6/18	31861	YELLOW SPRINGS INSTRUMENT CO.	2020SC 1020SC	Invoice: 733788 YELLOW SPRINGS INSTRUMENT CO.	2,717.27	2,717.27
6/6/18	31862	ZONE 7 WATER AGENCY	2020SC 1020SC	Invoice: PROP84 RD2 Q12 ZONE 7 WATER AGENCY	3,189.37	3,189.37
6/11/18	31863	ACWA JOINT POWERS INSURANCE A	2020SC 1020SC	Invoice: 0557123 ACWA JOINT POWERS INSURANCE AUTHORITY	1,615.02	1,615.02
6/11/18	31864	ALPHA MEDIA II LLC	2020SC 1020SC	Invoice: IN-1180489687 ALPHA MEDIA II LLC	3,040.00	3,040.00
6/11/18	31865	BLAKES HEATING & AIR CONDITIONI	2020SC 1020SC	Invoice: 5800 CHILES RD BLAKES HEATING & AIR CONDITIONING	380.00	380.00
6/11/18	31866	CENTRAL VALLEY EQUIPMENT REPA	2020SC 2020SC 1020SC	Invoice: 17532 Invoice: 17536 CENTRAL VALLEY EQUIPMENT REPAIR	424.47 1,059.83	1,484.30
6/11/18	31867	CHEVRON AND TEXACO	2020SC 1020SC	Invoice: 53476190 CHEVRON AND TEXACO	1,910.57	1,910.57

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6/11/18	31867	CHEVRON AND TEXACO	2020SC 1020SC	Invoice: 53476190 CHEVRON AND TEXACO	 1,910.57	1,910.57
6/11/18	31868	DALE CROSSLEY	2020SC 1020SC	Invoice: JUN 2018 LEG MTG DALE CROSSLEY	100.00 100.00	
6/11/18	31869	DAILY REPUBLIC, INC.	2020SC 2020SC 2020SC 2020SC 2020SC 2020SC 2020SC 1020SC	Invoice: 400011500 Invoice: 300024234 Invoice: 300024235 Invoice: 300023674 Invoice: 300024030 Invoice: 300024132 Invoice: 300024413 DAILY REPUBLIC, INC.	275.00 150.00 899.00 200.83 200.83 200.84 202.44 2,128.94	
6/11/18	31870	DEPARTMENT OF WATER RESOURCE	2020SC 2020SC 2020SC 1020SC	Invoice: 18-026-T JUN 2018 Invoice: 18-258-V APR 2018 Invoice: 18-024-O JUN 2018 DEPARTMENT OF WATER RESOURCES	448,562.00 592.00 438,427.00	10,727.00
6/11/18	31871	EYASCO, INC.	2020SC 2020SC 1020SC	Invoice: 4620 Invoice: 4627 EYASCO, INC.	27,633.97 14,859.58 42,493.55	
6/11/18	31872	FASTENAL COMPANY	2020SC 1020SC	Invoice: CAVAC60786 FASTENAL COMPANY	12.52 12.52	
6/11/18	31873	GFS CHEMICALS, INC.	2020SC 1020SC	Invoice: CINV-011664 GFS CHEMICALS, INC.	331.40 331.40	
6/11/18	31874	GHD, INC.	2020SC 1020SC	Invoice: 100869 GHD, INC.	1,519.00 1,519.00	
6/11/18	31875	HOME DEPOT CREDIT SERVICE	2020SC 2020SC 2020SC 2020SC 2020SC 1020SC	Invoice: 7022263 Invoice: 7022262 Invoice: 6592258 Invoice: 5025017 Invoice: 5025018 HOME DEPOT CREDIT SERVICE	12.94 164.26 13.40 291.30 19.42 501.32	
6/11/18	31876	JOHN D. KLUGE	2020SC 2020SC 1020SC	Invoice: JUN 2018 EXEC MTG Invoice: JUN 2018 LEG MTG JOHN D. KLUGE	100.00 100.00 200.00	
6/11/18	31877	LUHDORFF & SCALMANINI	2020SC 1020SC	Invoice: 33892 LUHDORFF & SCALMANINI	17,776.50 17,776.50	
6/11/18	31878	ORIT KALMAN	2020SC 1020SC	Invoice: 18-020 ORIT KALMAN	1,350.00 1,350.00	
6/11/18	31879	ELIZABETH PATTERSON	2020SC 1020SC	Invoice: JUN 2018 LEG MTG ELIZABETH PATTERSON	100.00 100.00	
6/11/18	31880	RECOLOGY HAY ROAD	2020SC 1020SC	Invoice: 01024595 RECOLOGY HAY ROAD	313.44 313.44	
6/11/18	31881	REGIONAL GOVERNMENT SERVICES	2020SC 2020SC 1020SC	Invoice: 8461 Invoice: 8481 REGIONAL GOVERNMENT SERVICES	312.50 671.50 984.00	
6/11/18	31881	REGIONAL GOVERNMENT SERVICES	2020SC 2020SC 1020SC	Invoice: 8461 Invoice: 8481 REGIONAL GOVERNMENT SERVICES	 984.00	312.50 671.50
6/11/18	31882	SOLANO IRRIGATION DISTRICT	2020SC 2020SC 1020SC	Invoice: 0006678 Invoice: 0006677 SOLANO IRRIGATION DISTRICT	63.99 14,601.19 14,665.18	
6/11/18	31883	STERLING MAY CO.	2020SC 2020SC 2020SC 2020SC 1020SC	Invoice: 105474 Invoice: 105849 Invoice: 105851 Invoice: 105847 STERLING MAY CO.	16.65 202.13 23.65 475.15 717.58	
6/11/18	31884	CRAIG D. THOMSEN	2020SC 1020SC	Invoice: MAR&APR 2018 CRAIG D. THOMSEN	2,397.65 2,397.65	

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6/11/18	31885	TRACTOR SUPPLY CREDIT PLAN	2020SC 2020SC 2020SC 1020SC	Invoice: 200409043 Invoice: 300304180 Invoice: 300304181 TRACTOR SUPPLY CREDIT PLAN	90.11 50.60 523.42	664.13
6/11/18	31886	MICHAEL AZZOLINO	2020SC 1020SC	Invoice: MICHAEL AZZOLINO MICHAEL AZZOLINO	936.00	936.00
6/11/18	31887	VERIZON WIRELESS	2020SC 1020SC	Invoice: 9802467497 VERIZON WIRELESS	2,262.77	2,262.77
6/12/18	31887	VERIZON WIRELESS	2020SC 1020SC	Invoice: 9802467497 VERIZON WIRELESS	2,262.77	2,262.77
6/11/18	31888	VISION TECHNOLOGY SOLUTIONS, L	2020SC 1020SC	Invoice: 36909 VISION TECHNOLOGY SOLUTIONS, LLC DBC	200.00	200.00
6/11/18	31889	WARREN'S WATER TRUCK SERVICE	2020SC 2020SC 2020SC 2020SC 1020SC	Invoice: 11185 Invoice: 11187 Invoice: 11194 Invoice: 11197 WARREN'S WATER TRUCK SERVICE	250.00 250.00 250.00 250.00	1,000.00
6/11/18	31890	REGIONAL GOVERNMENT SERVICES	2020SC 2020SC 1020SC	Invoice: 8461 Invoice: 8481 REGIONAL GOVERNMENT SERVICES	2,343.75 671.50	3,015.25
6/11/18	31891	SOLANO COUNTY FLEET MANAGEMEN	2020U 1020SC	Invoice: MAY 2018 SOLANO COUNTY FLEET MANAGEMENT	1,169.45	1,169.45
6/11/18	31892	THE ECOLOGY CENTER - GREYWATER	2020SC 1020SC	Invoice: 5/19/18 GREYWATER THE ECOLOGY CENTER - GREYWATER ACTION	900.00	900.00
6/21/18	31893	ALL SPORTS	2020SC 1020SC	Invoice: 10555 ALL SPORTS	76.73	76.73
6/21/18	31894	BROADBENT	2020SC 1020SC	Invoice: 80272 BROADBENT	12,193.29	12,193.29
6/21/18	31895	CALNET3	2020SC 2020SC 1020SC	Invoice: 000011495743 Invoice: 000011495698 CALNET3	165.13 253.55	418.68
6/21/18	31896	DALE CROSSLEY	2020SC 1020SC	Invoice: JUN 2018 BOD MTG DALE CROSSLEY	100.00	100.00
6/21/18	31897	DENNIS BOWKER	2020SC 1020SC	Invoice: MAY 2018 DENNIS BOWKER	960.00	960.00
6/21/18	31898	DEPARTMENT OF WATER RESOURCE	2020SC 1020SC	Invoice: 18-171-U DEPARTMENT OF WATER RESOURCES	2,075.43	2,075.43
6/21/18	31899	GFS CHEMICALS, INC.	2020SC 1020SC	Invoice: CINV-012218 GFS CHEMICALS, INC.	79.60	79.60
6/21/18	31900	HERUM \ CRABTREE \ SUNTAG	2020SC 1020SC	Invoice: 88658 HERUM \ CRABTREE \ SUNTAG	1,266.33	1,266.33
6/21/18	31901	HOLT OF CALIFORNIA	2020SC 2020SC 1020SC	Invoice: V48803011 Invoice: V4880302 HOLT OF CALIFORNIA	562.34 6,686.56	7,248.90
6/21/18	31902	INTERSTATE OIL COMPANY	2020SC 1020SC	Invoice: CL92550 INTERSTATE OIL COMPANY	817.19	817.19
6/21/18	31903	J & W LAWN & GARDEN EQUIPMENT,	2020SC 1020SC	Invoice: 248153 J & W LAWN & GARDEN EQUIPMENT, INC.	47.36	47.36
6/21/18	31904	J.T. MARTIN	2020U 1020SC	Invoice: 2005 J.T. MARTIN	200.00	200.00

SOLANO COUNTY WATER AGENCY
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6/21/18	31905	MITCH MASHBURN	2020SC 1020SC	Invoice: JUN 2018 BOD MTG MITCH MASHBURN	100.00	100.00
6/21/18	31906	M-FILES INC	2020SC 1020SC	Invoice: 178111 M-FILES INC	2,980.00	2,980.00
6/21/18	31907	NORMANDEAU ASSOCIATES, INC.	2020SC 1020SC	Invoice: 67246 NORMANDEAU ASSOCIATES, INC.	1,984.50	1,984.50
6/21/18	31908	OVIVO USA, LLC.	2020SC 1020SC	Invoice: 8473597 OVIVO USA, LLC.	22,424.14	22,424.14
6/22/18	31908	OVIVO USA, LLC.	2020SC 1020SC	Invoice: 8473597 OVIVO USA, LLC.	22,424.14	22,424.14
6/21/18	31909	ELIZABETH PATTERSON	2020SC 1020SC	Invoice: JUN 2018 BOD MTG ELIZABETH PATTERSON	133.25	133.25
6/21/18	31910	RECOLOGY VACAVILLE SOLANO	2020SC 1020SC	Invoice: 42752618 RECOLOGY VACAVILLE SOLANO	246.36	246.36
6/21/18	31911	BOB SAMPAYAN	2020SC 1020SC	Invoice: JUN 2018 BOD MTG BOB SAMPAYAN	127.25	127.25
6/21/18	31912	SOLANO IRRIGATION DISTRICT	2020SC 2020SC 1020SC	Invoice: 0006687 Invoice: 0006685 SOLANO IRRIGATION DISTRICT	200,144.32 84,577.11	284,721.43
6/21/18	31913	SOLANO RESOURCE CONSERVATION	2020SC 2020SC 1020SC	Invoice: 2018-2 Invoice: 2018-1 SOLANO RESOURCE CONSERVATION DISTRICT	5,295.33 51,626.54	56,921.87
6/21/18	31914	STANDARD INSURANCE COMPANY	2020SC 1020SC	Invoice: 006492990046JUL2018 STANDARD INSURANCE COMPANY	1,733.56	1,733.56
6/21/18	31915	SUSTAINABLE SOLANO	2020SC 2020SC 1020SC	Invoice: 2018SCWA RAIN BARREL Invoice: 2018-5 SCWA SUSTAINABLE SOLANO	973.28 14,354.12	15,327.40
6/21/18	31916	TERRA REALTY ADVISORS, INC.	2020SC 1020SC	Invoice: 201806-13298 TERRA REALTY ADVISORS, INC.	806.25	806.25
6/21/18	31917	DIANNE FERNANDEZ	2020N 1020SC	Invoice: DIANNE FERNANDEZ DIANNE FERNANDEZ	50.00	50.00
6/21/18	31918	CLAIRE FRY	2020N 1020SC	Invoice: CLAIRE FRY CLAIRE FRY	1,065.00	1,065.00
6/21/18	31919	MELISSA HUFF	2020SC 1020SC	Invoice: MELISSA HUFF MELISSA HUFF	412.00	412.00
6/21/18	31920	STEPHANIE ZARAGOZA	2020SC 1020SC	Invoice: STEPHANIE ZARAGOZA STEPHANIE ZARAGOZA	560.00	560.00
6/21/18	31921	VACAVILLE REPORTER	2020SC 1020SC	Invoice: 0001129612 VACAVILLE REPORTER	578.00	578.00
6/21/18	31922	JOHN VASQUEZ	2020SC 1020SC	Invoice: JUN 2018 BOD MTG JOHN VASQUEZ	100.00	100.00
6/21/18	31923	WILDLIFE SURVEY & PHOTO SERVIC	2020SC 2020SC 1020SC	Invoice: SCWA_FY2017-18_10 Invoice: LPCCC-FY2017-18_10 WILDLIFE SURVEY & PHOTO SERVICE	15,597.15 2,531.50	18,128.65
6/21/18	31924	WOOD RODGERS, INC.	2020SC 1020SC	Invoice: 118507 WOOD RODGERS, INC.	82,673.61	82,673.61
6/21/18	31925	BANK OF THE WEST	2020SC 1020SC	Invoice: PARKER MAY 2018 BANK OF THE WEST	10.79	10.79
6/26/18	31926	A & L WESTERN AGRICULTURAL LAB	2020SC 1020SC	Invoice: 210263 A & L WESTERN AGRICULTURAL LABS	106.00	106.00
6/26/18	31927	THE REINALT-THOMAS CORP	2020SC	Invoice: 1926155	86.16	

**SOLANO COUNTY WATER AGENCY
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			1020SC	THE REINALT-THOMAS CORP		86.16
6/26/18	31928	COUNTY OF YOLO	2020SC 1020SC	Invoice: 1189397 COUNTY OF YOLO	37.26	37.26
6/26/18	31929	FEDEX EXPRESS	2020N 1020SC	Invoice: 6-214-15388 FEDEX EXPRESS	91.00	91.00
6/26/18	31930	INTERSTATE OIL COMPANY	2020SC 1020SC	Invoice: CL93917 INTERSTATE OIL COMPANY	940.29	940.29
6/26/18	31931	NORMANDEAU ASSOCIATES, INC.	2020SC 1020SC	Invoice: 67271 NORMANDEAU ASSOCIATES, INC.	157.50	157.50
6/27/18	31931	NORMANDEAU ASSOCIATES, INC.	2020SC 1020SC	Invoice: 67271 NORMANDEAU ASSOCIATES, INC.	157.50	157.50
6/26/18	31932	OVIVO USA, LLC.	2020SC 1020SC	Invoice: 8473597 OVIVO USA, LLC.	32,596.84	32,596.84
6/26/18	31933	PACIFIC GAS & ELECTRIC CO,	2020SC 1020SC	Invoice: 5/10/18-6/10/18 PACIFIC GAS & ELECTRIC CO,	1,258.12	1,258.12
6/26/18	31934	PITNEY BOWES	2020SC 1020SC	Invoice: 3102239230 PITNEY BOWES	534.67	534.67
6/26/18	31935	SOUTHWEST ENVIRONMENTAL	2020SC 2020SC 2020SC 1020SC	Invoice: 34987 Invoice: 34988 Invoice: 34986 SOUTHWEST ENVIRONMENTAL	12,230.00 8,785.00 22,270.00	43,285.00
6/26/18	31936	STAPLES	2020SC 2020SC 2020SC 2020SC 2020SC 2020SC 2020SC 2020SC 2020SC 2020SC 2020SC 2020SC 2020SC 2020SC 1020SC	Invoice: 2090481521 Invoice: 2093296081 Invoice: 2099771291 Invoice: 2099764261 Invoice: 2099772081 Invoice: 2090469711 Invoice: 2103504221 Invoice: 2103496281 Invoice: 54662 Invoice: 2104192071 Invoice: 2107077411 STAPLES	61.36 54.38 81.06 37.98 37.97 123.25 144.97 162.08 20.40 44.58 102.71	870.74
6/26/18	31937	TERRAPHASE ENGINEERING	2020SC 1020SC	Invoice: 7060 TERRAPHASE ENGINEERING	12,496.06	12,496.06
6/26/18	31938	THE REGENTS OF THE UNIVERSITY OF CA	2020SC 1020SC	Invoice: 20902-44 THE REGENTS OF THE UNIVERSITY OF CA	38,536.77	38,536.77
6/26/18	31939	THE UPS STORE # 2579	2020SC 1020SC	Invoice: ZODIAC SHIPPING THE UPS STORE # 2579	547.24	547.24
6/26/18	31940	JOHN RANKIN	2020W 1020SC	Invoice: JOHN RANKIN JOHN RANKIN	8.08	8.08
6/26/18	31941	MATT TULSKY	2020W 1020SC	Invoice: MATT TULSKY MATT TULSKY	50.00	50.00
6/26/18	31942	ERIC TURNER	2020SC 1020SC	Invoice: ERIC TURNER ERIC TURNER	1,000.00	1,000.00
6/26/18	31943	WOODLAND IRRIGATION	2020W 1020SC	Invoice: INV-1458 WOODLAND IRRIGATION	269.83	269.83
6/26/18	31944	ZUNZUN	2020SC 1020SC	Invoice: 8006 ZUNZUN	3,450.00	3,450.00
6/6/18	COLIA	BANK OF THE WEST	6166SC 6166SC 6166SC 6166SC	INDEED - WRT POSITION POSTING APRONS AND SMOCKS - APRONS TRAILERPARTS SUPERSTORE - TRAILER JACK TOWN AND COUNTRY MARKET-MUFFINS FOR LBMP TRAINING	176.12 101.68 337.65 19.95	

SOLANO COUNTY WATER AGENCY
Cash Disbursements Journal
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Date	Check	Name	Account	Line Description	Debit Am	Credit Am
			6166SC	MICHAELS STORES - STICKERS FOR LBMP TRAINING	4.30	
			6041A	AMAZON -0 WATERPROOF CASE FOR I PHONE	87.57	
			6166SC	WM SUPERCENTER - CLIPBOARDS	240.92	
			2025SC	ACCRUED SALES TAX ON TRAILERPARTS SUPERSTORE		25.37
			1020SC	BANK OF THE WEST		942.82
6/1/18	EFT	CALPERS	2020SC	Invoice: HEALTH JUN 2018	19,353.06	
			1020SC	CALPERS		19,353.06
6/6/18	EFT	CALPERS	2020SC	Invoice: PPE 6.2.18	8,551.60	
			1020SC	CALPERS		8,551.60
6/6/18	EFT	CALPERS	2020SC	Invoice: PEPRA PPE 6.2.18	2,377.57	
			1020SC	CALPERS		2,377.57
6/6/18	EFT	CALPERS	2020SC	Invoice: SIP PPE 6.2.18	5,361.81	
			1020SC	CALPERS		5,361.81
6/2/18	EFT	PAYROLL TAXES	2024A	EMPLOYEE LIABILITIES PPE 6.2.18	15,866.71	
			6012A	EMPLOYER LIABILITIES PPE 6.2.18	3,015.48	
			1020SC	PAYROLL TAXES		18,882.19
6/8/18	EFT	PAYCHEX, INC.	2020SC	Invoice: 2018060601	239.85	
			1020SC	PAYCHEX, INC.		239.85
6/11/18	EFT	CHEVRON AND TEXACO	2020SC	Invoice: 53476190	1,910.57	
			1020SC	CHEVRON AND TEXACO		1,910.57
6/12/18	EFT	VERIZON WIRELESS	2020SC	Invoice: 9802467497	2,262.77	
			1020SC	VERIZON WIRELESS		2,262.77
6/15/18	EFT	PAYCHEX, INC.	6111A	FSA PARTICIPANT FEE - JUN 2018	115.75	
				STATEMENT #18191523		
			1020SC	PAYCHEX, INC.		115.75
6/20/18	EFT	CALPERS	2020SC	Invoice: PPE 6.16.18	8,551.60	
			1020SC	CALPERS		8,551.60
6/20/18	EFT	CALPERS	2020SC	Invoice: PEPRA PPE 6.16.18	2,362.57	
			1020SC	CALPERS		2,362.57
6/20/18	EFT	CALPERS	2020SC	Invoice: SIP PPE 6.16.18	5,361.81	
			1020SC	CALPERS		5,361.81
6/22/18	EFT	PAYCHEX, INC.	2020SC	Invoice: 2018062001	259.80	
			1020SC	PAYCHEX, INC.		259.80
6/16/18	EFT	PAYROLL TAXES	2024A	EMPLOYEE LIABILITIES PPE 6.16.18	16,296.85	
			6012A	EMPLOYER LIABILITIES PPE 6.16.18	3,313.50	
			1020SC	PAYROLL TAXES		19,610.35
6/6/18	HERR	BANK OF THE WEST	2023A	CHEVRON - FUEL	5.99	
			6148SC	CHEVRON - FUEL	38.92	
			6199SC	APL ITUNES-Theodolite App for GPS	5.99	
			6130SC	CHEVRON - FEUL	49.47	
			1020SC	BANK OF THE WEST		100.37
6/6/18	NGUY	BANK OF THE WEST	6197SC	WINDMILL FEED - SUPPLIES	343.20	
			6040A	STAPLES - SUPPLIES	108.11	
			6310A	CHEVRON - FUEL	78.42	
			1020SC	BANK OF THE WEST		529.73
6/11/18	PARK	BANK OF THE WEST	6166SC	LOWES - HOSE THREAD	10.79	
			1020SC	BANK OF THE WEST		10.79
Total					1,459,492.2	1,459,492.2

**ACTION OF
SOLANO COUNTY WATER AGENCY**

DATE: July 12, 2018

SUBJECT: Financial Report Approval

RECOMMENDATION:

Approve the quarterly Income Statement and Balance Sheet for the period ending June 30, 2018

FINANCIAL IMPACT:

All revenues and expenditures are reported within previously approved budget amounts.

BACKGROUND:

The Water Agency auditor has recommended that the Board of Directors receive quarterly financial reports. Attached are the Income Statement and the Balance Sheet of the Water Agency for the period ending June 30, 2018. Additional backup information is available upon request.

Recommended: _____


Roland Sanford, General Manager

☐

Approved as
recommended

☐

Other
(see below)

☐

Continued
on next page

Modification to Recommendation and/or other actions:

I, Roland Sanford, General Manager and Secretary to the Solano County Water Agency, do hereby certify that the foregoing action was regularly introduced, passed, and adopted by said Board of Directors at a regular meeting thereof held on July 12, 2018 by the following vote:

Ayes:

Noes:

Abstain:

Absent:

Roland Sanford
General Manager & Secretary to the
Solano County Water Agency

SOLANO COUNTY WATER AGENCY
Year to Date Income Statement
Compared with Budget and Last Year
For the Twelve Months Ending June 30, 2018

		Current Year Actual	Current Year Budget	Variance Amount	Variance Percent	Last Year Actual	Change from Lst year	Percent Change
Revenues								
4001G	SECURED	\$ 73,257.26	\$ 73,757.00	(499.74)	(0.68)	\$ 69,341.28	3,915.98	5.65
4001N	SECURED	13,801,254.30	12,400,000.00	1,401,254.30	11.30	11,847,634.56	1,953,619.74	16.49
4001SC	SECURED	7,215,072.11	6,941,137.00	273,935.11	3.95	6,642,089.30	572,982.81	8.63
4001U	SECURED	936,837.06	917,311.00	19,526.06	2.13	866,787.79	70,049.27	8.08
4002G	UNSECURED	5,824.47	5,462.00	362.47	6.64	5,090.95	733.52	14.41
4002N	UNSECURED	336,356.82	338,000.00	(1,643.18)	(0.49)	318,324.35	18,032.47	5.66
4002SC	UNSECURED	382,058.64	382,715.00	(656.36)	(0.17)	380,649.80	1,408.84	0.37
4002U	UNSECURED	52,248.29	54,478.00	(2,229.71)	(4.09)	53,763.10	(1,514.81)	(2.82)
4004G	CURRENT SUPPLEMENTAL	(7,218.06)	2,703.00	(9,921.06)	(367.04)	804.18	(8,022.24)	(997.57)
4004N	CURRENT SUPPLEMENTAL	250,167.36	220,000.00	30,167.36	13.71	220,591.00	29,576.36	13.41
4004SC	CURRENT SUPPLEMENTAL	180,602.55	130,000.00	50,602.55	38.93	166,317.87	14,284.68	8.59
4004U	CURRENT SUPPLEMENTAL	31,693.54	24,000.00	7,693.54	32.06	26,468.15	5,225.39	19.74
4100N	WATER SALES	1,487,100.00	1,560,101.00	(73,001.00)	(4.68)	1,538,979.17	(51,879.17)	(3.37)
4100SC	WATER SALES	65,148.00	65,000.00	148.00	0.23	67,734.00	(2,586.00)	(3.82)
4102N	COST OF POWER TO PUMP NBA	0.00	50,000.00	(50,000.00)	(100.00)	0.00	0.00	0.00
4103N	CONVEYANCE SETTLEMENT	0.00	100,000.00	(100,000.00)	(100.00)	0.00	0.00	0.00
4110N	NAPA MAKE WHOLE	312,000.00	312,000.00	0.00	0.00	312,000.00	0.00	0.00
4120N	SWP ADJUSTMENTS	569,852.79	525,000.00	44,852.79	8.54	532,676.00	37,176.79	6.98
4122N	PROP 84 INTAKE GRANT	0.00	0.00	0.00	0.00	140,560.00	(140,560.00)	(100.00)
4150SC	EQUIPMENT DISTRIBUTION REIMBUR	64,986.00	100,000.00	(35,014.00)	(35.01)	26,576.00	38,410.00	144.53
4150U	EQUIPMENT DISTRIBUTION REIM	22,212.00	0.00	22,212.00	0.00	0.00	22,212.00	0.00
4402WC	INTEREST - MONEY MGMT	1.28	5.00	(3.72)	(74.40)	2.45	(1.17)	(47.76)
4403SC	INTEREST - CHECKING	242.03	200.00	42.03	21.02	176.03	66.00	37.49
4404G	INTEREST - LAIF - GREEN VALLEY	359.70	0.00	359.70	0.00	0.00	359.70	0.00
4404N	INTEREST - LAIF - SWP	30,180.05	14,000.00	16,180.05	115.57	16,270.47	13,909.58	85.49
4404SC	INTEREST - LAIF - SP	46,436.34	25,000.00	21,436.34	85.75	26,838.33	19,598.01	73.02
4404U	INTEREST - LAIF - ULATIS	13,299.87	5,000.00	8,299.87	166.00	6,316.97	6,982.90	110.54
4405G	INTEREST - CAMP - GREEN VALLEY	1,028.34	0.00	1,028.34	0.00	0.00	1,028.34	0.00
4405N	INTEREST - CAMP - SWP	86,279.56	30,000.00	56,279.56	187.60	49,326.31	36,953.25	74.92
4405SC	INTEREST - CAMP - SP	132,753.57	50,000.00	82,753.57	165.51	73,305.75	59,447.82	81.10
4405U	INTEREST - CAMP - ULATIS	38,022.05	12,000.00	26,022.05	216.85	18,985.52	19,036.53	100.27
4406SC	INTEREST - OTHER	11,410.72	14,925.00	(3,514.28)	(23.55)	14,925.54	(3,514.82)	(23.55)
4407G	INTEREST INVESTMENT	266.56	0.00	266.56	0.00	0.00	266.56	0.00
4407N	INTEREST - INVESTMENTS	22,365.59	12,000.00	10,365.59	86.38	18,391.67	3,973.92	21.61
4407SC	INTEREST - INVESTMENTS	34,412.66	26,000.00	8,412.66	32.36	28,350.18	6,062.48	21.38
4407U	INTEREST - INVESTMENTS	9,856.14	6,500.00	3,356.14	51.63	7,043.28	2,812.86	39.94
4408N	INTEREST-CHANGE IN MARKET VAL	0.00	0.00	0.00	0.00	(18,421.02)	18,421.02	(100.00)

SOLANO COUNTY WATER AGENCY
Year to Date Income Statement
Compared with Budget and Last Year
For the Twelve Months Ending June 30, 2018

	Current Year Actual	Current Year Budget	Variance Amount	Variance Percent	Last Year Actual	Change from Lst year	Percent Change
4408SC INTEREST-CHANGE IN MARKET VALU	0.00	0.00	0.00	0.00	(28,715.12)	28,715.12	(100.00)
4408U INTEREST-CHANGE IN MRKET VALUE	0.00	0.00	0.00	0.00	(7,043.34)	7,043.34	(100.00)
4507G HOMEOWNER RELIEF	1,247.00	1,166.00	81.00	6.95	1,180.00	67.00	5.68
4507N HOMEOWNER RELIEF	80,608.00	70,000.00	10,608.00	15.15	80,710.00	(102.00)	(0.13)
4507SC HOMEOWNER RELIEF	72,639.00	70,865.00	1,774.00	2.50	72,735.00	(96.00)	(0.13)
4507U HOMEOWNER RELIEF	10,694.00	10,395.00	299.00	2.88	10,762.00	(68.00)	(0.63)
4600SC REDEVELOPMENT - DIX/RV	53,832.60	36,796.00	17,036.60	46.30	49,736.49	4,096.11	8.24
4601SC REDEVELOP - VACAVILLE	721,000.30	437,764.00	283,236.30	64.70	472,368.91	248,631.39	52.64
4601U REDEVELOP - VACAVILLE	413,135.46	251,042.00	162,093.46	64.57	270,936.27	142,199.19	52.48
4602G REDEVELOP - FAIRFIELD	54,586.55	46,619.00	7,967.55	17.09	43,649.60	10,936.95	25.06
4602SC REDEVELOP - FAIRFIELD	674,216.39	606,438.00	67,778.39	11.18	614,348.36	59,868.03	9.74
4603SC REDEVELOP - SUISUN CITY	229,416.44	249,280.00	(19,863.56)	(7.97)	207,860.28	21,556.16	10.37
4604SC REDEVELOP - VALLEJO	0.00	0.00	0.00	0.00	22,396.87	(22,396.87)	(100.00)
4605SC REDEVELOP - N. TEXAS	37,818.10	33,032.00	4,786.10	14.49	10,431.32	27,386.78	262.54
4702SC BOATING AND WATERWAYS	114,438.46	155,000.00	(40,561.54)	(26.17)	108,632.08	5,806.38	5.34
4703SC SOLANO CO OIL REIMBURSEMENT	0.00	24,000.00	(24,000.00)	(100.00)	24,000.00	(24,000.00)	(100.00)
4704SC USFWS (FISH & WILDLIFE)	0.00	38,250.00	(38,250.00)	(100.00)	0.00	0.00	0.00
4900AC MISCELLANEOUS INCOME	9,832.32	0.00	9,832.32	0.00	18.94	9,813.38	51,812.99
4900N MISC INCOME	17,240.73	35,000.00	(17,759.27)	(50.74)	17,241.73	(1.00)	(0.01)
4900SC MISCELLANEOUS INCOME	17,240.73	0.00	17,240.73	0.00	17,260.73	(20.00)	(0.12)
4900WC MISC INCOME	2.50	0.00	2.50	0.00	0.00	2.50	0.00
4922SC GREENHOUSE REVENUES	0.00	25,000.00	(25,000.00)	(100.00)	6,806.11	(6,806.11)	(100.00)
4930U O&M - OTHER AGENCIES	6,740.87	5,000.00	1,740.87	34.82	4,835.06	1,905.81	39.42
4940AC OVERHEAD DISTRIBUTION REIMB	3,216,259.34	3,590,730.00	(374,470.66)	(10.43)	3,053,599.18	162,660.16	5.33
4960WC WATERMASTER INCOME	2,531.01	4,600.00	(2,068.99)	(44.98)	3,444.40	(913.39)	(26.52)
4970AC WATER CONSERVATION REIMBURSE	0.00	170,000.00	(170,000.00)	(100.00)	289,153.93	(289,153.93)	(100.00)
4972AC BAY AREA IRWMP GRANT	50,641.03	400,000.00	(349,358.97)	(87.34)	401,949.47	(351,308.44)	(87.40)
4973AC OTHER GRANTS	77,708.43	660,000.00	(582,291.57)	(88.23)	138,115.03	(60,406.60)	(43.74)
4978SC LPCCC SERVICES	1,291.83	790,000.00	(788,708.17)	(99.84)	13,118.00	(11,826.17)	(90.15)
4981SC LPCCC EQUIPMENT RENTAL FEE	0.00	30,000.00	(30,000.00)	(100.00)	0.00	0.00	0.00
4987SC LPCCC - RIVER PARKWAY V	0.00	600,000.00	(600,000.00)	(100.00)	70,551.50	(70,551.50)	(100.00)
4993SC LPCCC-PROP I	0.00	300,000.00	(300,000.00)	(100.00)	205,051.04	(205,051.04)	(100.00)
4994SC LPCCC-COASTAL CONSERVANCY	0.00	50,000.00	(50,000.00)	(100.00)	0.00	0.00	0.00
4995SC LPCCC-IRWM	96,164.93	150,000.00	(53,835.07)	(35.89)	74,074.40	22,090.53	29.82
Total Revenues	32,165,653.61	33,238,271.00	(1,072,617.39)	(3.23)	29,707,107.22	2,458,546.39	8.28

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Cost of Sales							
Total Cost of Sales	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gross Profit	32,165,653.61	33,238,271.00	(1,072,617.39)	(3.23)	29,707,107.22	2,458,546.39	8.28
Expenses							
5500AC CAPITAL EXPENDITURES	98,109.81	161,000.00	(62,890.19)	(39.06)	89,458.21	8,651.60	9.67
5500N CAPITAL EXPENDITURES	27,126.00	40,000.00	(12,874.00)	(32.19)	3,468,985.59	(3,441,859.59)	(99.22)
5500SC CAPITAL EXPENDITURES	126,737.14	170,000.00	(43,262.86)	(25.45)	3,592,786.64	(3,466,049.50)	(96.47)
5500U CAPITAL EXPENDITURES	19,971.28	20,500.00	(528.72)	(2.58)	273,167.43	(253,196.15)	(92.69)
6010AC GROSS SALARIES	2,091,149.52	2,121,828.00	(30,678.48)	(1.45)	1,813,513.31	277,636.21	15.31
6011AC PERS RETIREMENT	284,036.56	302,709.00	(18,672.44)	(6.17)	262,852.84	21,183.72	8.06
6012AC PAYROLL TAXES	99,808.41	103,397.00	(3,588.59)	(3.47)	91,780.51	8,027.90	8.75
6013AC EMPLOYEE BENEFITS	206,934.78	1,002,249.00	(795,314.22)	(79.35)	931,267.52	(724,332.74)	(77.78)
6016AC OPEB EXPENSE	750,000.00	0.00	750,000.00	0.00	0.00	750,000.00	0.00
6030AC TELEPHONE	19,044.79	25,300.00	(6,255.21)	(24.72)	22,228.04	(3,183.25)	(14.32)
6040AC OFFICE EXPENSE	19,123.66	29,100.00	(9,976.34)	(34.28)	34,410.53	(15,286.87)	(44.42)
6041AC OFFICE EQUIPMENT	26,205.88	29,250.00	(3,044.12)	(10.41)	29,439.24	(3,233.36)	(10.98)
6042AC SAFETY TRAINING & EQUIPMENT	4,898.78	5,500.00	(601.22)	(10.93)	7,265.35	(2,366.57)	(32.57)
6043AC OFFICE HELP - TEMPORARY	0.00	10,000.00	(10,000.00)	(100.00)	4,757.95	(4,757.95)	(100.00)
6045AC LAUNDRY	1,133.70	0.00	1,133.70	0.00	0.00	1,133.70	0.00
6050AC POSTAGE	5,073.93	6,300.00	(1,226.07)	(19.46)	5,153.03	(79.10)	(1.54)
6060AC SID OFFICE EXPENSE	52,098.05	48,575.00	3,523.05	7.25	39,733.13	12,364.92	31.12
6090AC MEMBERSHIPS	47,612.93	48,745.00	(1,132.07)	(2.32)	46,479.29	1,133.64	2.44
6090N SWC DUES	70,396.00	118,700.00	(48,304.00)	(40.69)	127,874.00	(57,478.00)	(44.95)
6100G PPTY TAX ADMIN FEE	1,082.00	1,200.00	(118.00)	(9.83)	1,131.00	(49.00)	(4.33)
6100SC PPTY TAX ADMIN FEE	103,041.00	100,000.00	3,041.00	3.04	106,193.00	(3,152.00)	(2.97)
6100U PPTY TAX ADMIN FEE	13,645.00	15,000.00	(1,355.00)	(9.03)	13,972.00	(327.00)	(2.34)
6105N PETERSEN RANCH EXPENSES	22,447.42	55,000.00	(32,552.58)	(59.19)	42,708.23	(20,260.81)	(47.44)
6105SC PETERSEN RANCH EXPENSES	22,590.69	55,000.00	(32,409.31)	(58.93)	44,833.77	(22,243.08)	(49.61)
6111AC PS - PAYROLL SERVICES	7,848.03	8,700.00	(851.97)	(9.79)	7,563.55	284.48	3.76
6112AC PS - COMPUTER SERVICES	443,419.81	411,700.00	31,719.81	7.70	413,760.72	29,659.09	7.17
6115AC TALENT DECISION MONITORING	12,012.00	14,000.00	(1,988.00)	(14.20)	13,012.00	(1,000.00)	(7.69)
6128AC GOVERNMENTAL ADVOCACY	104,278.50	105,000.00	(721.50)	(0.69)	104,018.60	259.90	0.25
6128N GOVERNMENTAL ADVOCACY	28,009.77	90,000.00	(61,990.23)	(68.88)	0.00	28,009.77	0.00
6130SC LPCCC - VEGETATION	17,533.78	14,007.00	3,526.78	25.18	66,819.30	(49,285.52)	(73.76)
6140AC CONSULTANTS	242,110.63	255,000.00	(12,889.37)	(5.05)	353,159.79	(111,049.16)	(31.44)

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6140G CONSULTANTS	0.00	2,000.00	(2,000.00)	(100.00)	0.00	0.00	0.00
6140N CONSULTANTS	14,925.08	41,000.00	(26,074.92)	(63.60)	432,859.91	(417,934.83)	(96.55)
6140SC CONSULTANTS	474,087.90	1,683,405.00	(1,209,317.10)	(71.84)	292,771.67	181,316.23	61.93
6140U CONSULTANTS	0.00	10,000.00	(10,000.00)	(100.00)	2,687.70	(2,687.70)	(100.00)
6144AC HYDROLOGY STATIONS	27,572.64	29,000.00	(1,427.36)	(4.92)	13,673.07	13,899.57	101.66
6144N HYDROLOGY STATIONS	23,349.98	18,500.00	4,849.98	26.22	9,799.45	13,550.53	138.28
6144SC HYDROLOGY STATIONS	49,371.04	70,000.00	(20,628.96)	(29.47)	58,850.31	(9,479.27)	(16.11)
6144U HYDROLOGY STATIONS	1,468.42	3,000.00	(1,531.58)	(51.05)	462.16	1,006.26	217.73
6148SC LPCCC - WILDLIFE	77,074.92	77,036.00	38.92	0.05	20,814.51	56,260.41	270.29
6149SC LPCCC - FISHERIES	66,604.77	77,036.00	(10,431.23)	(13.54)	89,440.89	(22,836.12)	(25.53)
6151SC USFWS (FISH & WILDLIFE)	0.00	76,500.00	(76,500.00)	(100.00)	0.00	0.00	0.00
6161N WATERSHED PROGRAM	44,441.14	209,500.00	(165,058.86)	(78.79)	43,249.32	1,191.82	2.76
6161SC SOLANO PROJECT WQ MONITORING	27,751.46	30,000.00	(2,248.54)	(7.50)	10,361.14	17,390.32	167.84
6164SC SOLANO PROJECT INVASIVES	143,673.42	210,913.00	(67,239.58)	(31.88)	175,225.65	(31,552.23)	(18.01)
6165N Yolo Bypass/Cache Slough Progr	94,312.60	300,000.00	(205,687.40)	(68.56)	0.00	94,312.60	0.00
6166SC UPPER PUTAH CREEK CREEK MGMT	99,378.68	242,500.00	(143,121.32)	(59.02)	128,661.73	(29,283.05)	(22.76)
6170N NBA RELIABILITY PROGRAM	2,625.00	241,500.00	(238,875.00)	(98.91)	0.00	2,625.00	0.00
6170SC INTER-DAM REACH MANAGEMENT	0.00	75,000.00	(75,000.00)	(100.00)	7,237.97	(7,237.97)	(100.00)
6170WC MBK	30,860.00	35,000.00	(4,140.00)	(11.83)	13,400.45	17,459.55	130.29
6179SC LPCCC SERVICES	55,465.23	790,000.00	(734,534.77)	(92.98)	36,947.35	18,517.88	50.12
6181SC LPCCC EQUIPMENT	81,989.66	50,000.00	31,989.66	63.98	53,510.28	28,479.38	53.22
6183SC LPCCC NURSERY	33,741.04	30,000.00	3,741.04	12.47	55,459.93	(21,718.89)	(39.16)
6193SC LPCCC-PROP I	300,361.28	300,000.00	361.28	0.12	207,316.37	93,044.91	44.88
6195SC LPCCC-CA RIVER PRKWY V	199,528.13	600,000.00	(400,471.87)	(66.75)	70,551.50	128,976.63	182.81
6196SC LPCCC-COASTAL CONSERVANCY	6,466.41	50,000.00	(43,533.59)	(87.07)	0.00	6,466.41	0.00
6197SC LPCCC-IRWM	186,416.19	150,000.00	36,416.19	24.28	101,499.01	84,917.18	83.66
6199SC LPCCC MISC. SUPPLIES	23,749.62	22,000.00	1,749.62	7.95	16,757.34	6,992.28	41.73
6210AC BOARD EXPENSES	26,716.26	33,000.00	(6,283.74)	(19.04)	24,404.16	2,312.10	9.47
6230SC FIELD SUPPLIES	39,145.18	55,000.00	(15,854.82)	(28.83)	53,705.79	(14,560.61)	(27.11)
6230WC MISC WTRMASTER EXP	220.00	240.00	(20.00)	(8.33)	200.00	20.00	10.00
6250SC HCP PLANNING	397,526.91	3,462,000.00	(3,064,473.09)	(88.52)	343,054.02	54,472.89	15.88
6300AC CAR MAINTENANCE	14,402.94	27,000.00	(12,597.06)	(46.66)	15,090.70	(687.76)	(4.56)
6310AC FUEL	23,671.52	26,000.00	(2,328.48)	(8.96)	21,341.31	2,330.21	10.92
6320U GARAGE SERVICES	4,729.17	10,000.00	(5,270.83)	(52.71)	9,604.54	(4,875.37)	(50.76)
6330AC TRAVEL	10,021.15	5,000.00	5,021.15	100.42	10,224.96	(203.81)	(1.99)
6340AC EMPLOYEE REIMBURSEMENTS	7,634.48	12,000.00	(4,365.52)	(36.38)	9,261.84	(1,627.36)	(17.57)
6350AC INSURANCE	60,098.90	58,150.00	1,948.90	3.35	56,559.67	3,539.23	6.26
6360AC EDUCATION & TRAINING	22,380.82	20,000.00	2,380.82	11.90	13,297.21	9,083.61	68.31

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6410AC COMP SOFTWARE/EQUIP	60,724.95	103,308.00	(42,583.05)	(41.22)	49,047.22	11,677.73	23.81
6550AC SCWA Water Mgt Planning	0.00	250,500.00	(250,500.00)	(100.00)	0.00	0.00	0.00
6551AC WATER CONSERVATION	947,615.02	1,269,000.00	(321,384.98)	(25.33)	946,361.48	1,253.54	0.13
6551N WATER CONSERVATION	0.00	604,000.00	(604,000.00)	(100.00)	232,662.05	(232,662.05)	(100.00)
6554AC MISC. WATER CONSERVATION GRAN	86,176.19	0.00	86,176.19	0.00	77,469.50	8,706.69	11.24
6600AC MELLON LEVEE	1,137.65	15,000.00	(13,862.35)	(92.42)	5,408.69	(4,271.04)	(78.97)
6600SC PSC MAINTENANCE	619,355.32	1,154,000.00	(534,644.68)	(46.33)	612,291.11	7,064.21	1.15
6610AC FLOOD CONTROL	82,035.85	1,862,500.00	(1,780,464.15)	(95.60)	79,697.96	2,337.89	2.93
6611AC GROUND WATER MANAGEMENT	92,243.70	195,373.00	(103,129.30)	(52.79)	77,890.43	14,353.27	18.43
6612AC PUBLIC EDUCATION	74,538.58	95,000.00	(20,461.42)	(21.54)	71,909.07	2,629.51	3.66
6614AC SOLANO SUB-BASIN GSA	3,476.16	0.00	3,476.16	0.00	0.00	3,476.16	0.00
6620G LABOR	4,819.79	45,000.00	(40,180.21)	(89.29)	16,562.05	(11,742.26)	(70.90)
6620SC LOWER PUTAH CREEK(NON-ACCORD)	2,091.47	25,000.00	(22,908.53)	(91.63)	0.00	2,091.47	0.00
6620U LABOR	229,016.68	315,000.00	(85,983.32)	(27.30)	287,997.66	(58,980.98)	(20.48)
6630SC SP ADMINISTRATION	1,053,000.60	1,092,000.00	(38,999.40)	(3.57)	1,085,410.18	(32,409.58)	(2.99)
6640SC PSC OPERATIONS	222,669.66	322,000.00	(99,330.34)	(30.85)	192,895.11	29,774.55	15.44
6645SC DAM MAINTENANCE	6,086.94	64,000.00	(57,913.06)	(90.49)	11,029.50	(4,942.56)	(44.81)
6646SC DAM OPERATIONS	222,972.60	286,500.00	(63,527.40)	(22.17)	250,370.90	(27,398.30)	(10.94)
6650G WEED CONTROL	3,804.00	5,500.00	(1,696.00)	(30.84)	5,250.00	(1,446.00)	(27.54)
6650U SP PEST MANAGEMENT	91,240.44	90,000.00	1,240.44	1.38	59,517.67	31,722.77	53.30
6660G EQUIP - TRANS DEPT	381.70	8,000.00	(7,618.30)	(95.23)	2,432.11	(2,050.41)	(84.31)
6660U EQUIP - TRANS DEPT	45,172.59	75,000.00	(29,827.41)	(39.77)	74,974.16	(29,801.57)	(39.75)
6670G SUPPLIES	0.00	1,500.00	(1,500.00)	(100.00)	0.00	0.00	0.00
6670U SUPPLIES	32,001.48	53,000.00	(20,998.52)	(39.62)	14,575.32	17,426.16	119.56
6675G CONTRACT WORK	17,000.00	15,000.00	2,000.00	13.33	0.00	17,000.00	0.00
6675U CONTRACT WORK	4,775.00	40,000.00	(35,225.00)	(88.06)	1,420.00	3,355.00	236.27
6680G TRANS DEPT OVERHEAD	1,393.42	10,000.00	(8,606.58)	(86.07)	5,299.89	(3,906.47)	(73.71)
6680U TRANS DEPT OVERHEAD	66,209.13	115,000.00	(48,790.87)	(42.43)	92,159.42	(25,950.29)	(28.16)
6690G REHAB & BETTERMENT	0.00	40,000.00	(40,000.00)	(100.00)	0.00	0.00	0.00
6690N NBA REHAB & BETTERMENT	34,000.00	93,000.00	(59,000.00)	(63.44)	0.00	34,000.00	0.00
6690SC REHAB & BETTERMENT	247,755.97	830,000.00	(582,244.03)	(70.15)	19,499.90	228,256.07	1,170.55
6690U REHAB & BETTERMENT	0.00	20,000.00	(20,000.00)	(100.00)	0.00	0.00	0.00
6700N WATER PURCHASES	10,669,077.43	12,171,955.00	(1,502,877.57)	(12.35)	11,196,929.43	(527,852.00)	(4.71)
6700SC USBR ADMINISTRATION	69,800.00	75,000.00	(5,200.00)	(6.93)	0.00	69,800.00	0.00
6701SC WATER RIGHTS FEE	71,676.05	85,000.00	(13,323.95)	(15.68)	68,588.56	3,087.49	4.50
6710N NAPA MAKE WHOLE	312,000.00	312,000.00	0.00	0.00	312,000.00	0.00	0.00
6950AC LABOR COSTS	280,155.94	287,135.00	(6,979.06)	(2.43)	231,500.68	48,655.26	21.02
6950G LABOR COSTS	5,163.54	29,975.00	(24,811.46)	(82.77)	3,483.42	1,680.12	48.23

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6950N	LABOR COSTS	195,464.61	437,675.00	(242,210.39)	(55.34)	319,841.52	(124,376.91)	(38.89)
6950SC	LABOR COSTS	624,066.01	935,985.00	(311,918.99)	(33.33)	740,143.15	(116,077.14)	(15.68)
6950U	LABOR COSTS	49,182.58	81,875.00	(32,692.42)	(39.93)	47,153.88	2,028.70	4.30
6951AC	INTRA-FUND TRANSFER	(665,588.86)	(660,411.00)	(5,177.86)	0.78	(561,727.49)	(103,861.37)	18.49
6952AC	OVERHEAD EXPENSES	385,432.97	373,276.00	12,156.97	3.26	330,226.80	55,206.17	16.72
6952G	OVERHEAD EXPENSES	9,786.08	38,968.00	(29,181.92)	(74.89)	5,427.06	4,359.02	80.32
6952N	OVERHEAD EXPENSES	403,576.91	568,978.00	(165,401.09)	(29.07)	450,727.32	(47,150.41)	(10.46)
6952SC	OVERHEAD EXPENSES	1,634,208.07	1,390,838.00	243,370.07	17.50	1,253,256.03	380,952.04	30.40
6952U	OVERHEAD EXPENSES	102,398.59	106,438.00	(4,039.41)	(3.80)	69,562.72	32,835.87	47.20
6990AC	CONTINGENCY	0.00	100,000.00	(100,000.00)	(100.00)	0.00	0.00	0.00
6990G	CONTINGENCY	0.00	1,000.00	(1,000.00)	(100.00)	0.00	0.00	0.00
6990N	CONTINGENCY	0.00	25,000.00	(25,000.00)	(100.00)	0.00	0.00	0.00
6990SC	CONTINGENCY	0.00	100,000.00	(100,000.00)	(100.00)	0.00	0.00	0.00
6990U	CONTINGENCY	0.00	50,000.00	(50,000.00)	(100.00)	0.00	0.00	0.00
Total Expenses		<u>26,037,336.60</u>	<u>40,104,908.00</u>	<u>(14,067,571.40)</u>	<u>(35.08)</u>	<u>33,145,850.94</u>	<u>(7,108,514.34)</u>	<u>(21.45)</u>
Net Income		<u>\$ 6,128,317.01</u>	<u>(\$ 6,866,637.00)</u>	<u>12,994,954.01</u>	<u>(189.25)</u>	<u>(\$ 3,438,743.72)</u>	<u>9,567,060.73</u>	<u>(278.21)</u>

SOLANO COUNTY WATER AGENCY
Balance Sheet
June 30, 2018

ASSETS

Current Assets

			ADMIN/SP/W	SWP(N)	U	GV
1000SC	PERSHING	\$ 0.00	\$ 0.00			
1010WC	MONEY MGMT - WATERMASTER	17,730.17	17,730.17			
1020G	CHECKING	1,194,697.97	(2,557,740.89)	3,294,196.09	244,683.06	213,559.71
1030N	LAIF -	7,729,474.82	4,019,803.46	2,553,860.57	1,125,406.78	30,404.01
1040N	CAMP - SWP	30,096,790.21	18,272,610.89	8,140,156.48	3,587,113.32	96,909.52
1050N	CERTIFICATES OF DEPOSIT - SWP	5,176,649.40	2,659,974.09	1,732,562.60	763,486.35	20,626.36
1210N	ACCOUNTS RECEIVABLE-SWP	635,699.13	635,699.13			
1211SC	INTEREST RECEIVABLE-SP	14,926.00	14,926.00			
1225AC	RETENTION RECEIVABLE	84,224.93	84,224.93			
1400AC	PREPAID	26,582.63	26,582.63			
1415AC	INVENTORY-WATER CONSERVATION S	39,831.89	39,831.89			
Total Current Assets		\$ 45,016,607.15	\$ 23,213,642.30	\$ 15,720,775.74	\$ 5,720,689.51	\$ 361,499.60

Other Assets

1300SC	NOTE RECEIVABLE	281,752.85	281,752.85			
Total Other Assets		281,752.85	281,752.85	0.00	0.00	0.00
Total Assets		\$ 45,298,360.00	\$ 23,495,395.15	\$ 15,720,775.74	\$ 5,720,689.51	\$ 361,499.60

LIABILITIES AND CAPITAL

Current Liabilities

			ADMIN/SP/W	SWP(N)	U	GV
2010N	UNEARNED INCOME-SWP	554,408.71	123,908.71	430,500.00		
2020N	ACCOUNTS PAYABLE-SWP	258,492.79	76,177.00	119,216.63	52,371.34	10,727.82
2023AC	EMPLOYEE BENEFITS PAYABLE	5,564.69	5,564.69			
2025SC	SALES TAX PAYABLE	3,939.55	3,939.55			
2027AC	ACCOUNTS PAYABLE-GARNISHMENT	0.00	0.00			
2100SC	BENICIA PREFUNDED LAWN REBATES	24,155.25	24,155.25			
2110SC	WESTSIDE IRWMP PREFUNDED ADMIN	76,053.53	76,053.53			
2111SC	GSA PREFUNDED ADMIN COSTS	46,537.91	46,537.91			
Total Current Liabilities		\$ 969,152.43	\$ 356,336.64	\$ 549,716.63	\$ 52,371.34	\$ 10,727.82

Long-Term Liabilities

2310G	SOLANO PROJECT LOAN	0.00				
2330SC	DEFERRED OUTFLOW OF CASH	373,138.25	373,138.25			
Total Long-Term Liabilities		\$ 373,138.25	\$ 373,138.25	\$ -	\$ -	\$ -
Total Liabilities		1,342,290.68	729,474.89	549,716.63	52,371.34	10,727.82

Capital

3150SC	OTHER FLD CTRL CAPITAL PROJ.	200,000.00	200,000.00			
3155SC	OTHER CAPITAL PROJ/EMERG RESER	1,000,000.00	1,000,000.00			
3200G	GREEN VALLEY OPERATING RESERVE	44,100.00				44,100.00
3200N	SWP OPERATING RESERVE	7,140,077.50		7,140,077.50		
3200SC	DESIGNATED REHAB & BETTERMENT	2,000,000.00	2,000,000.00			
3200U	ULATIS OPERATING RESERVE	388,000.00			388,000.00	
3250G	GV OPERATING RESERVE	106,671.78				106,671.78
3250N	DESIGNATED SWP FACILITIES RESE	5,509,818.22		5,509,818.22		
3250SC	SP FUTURE REPLACEMENT CAPITAL	8,895,024.31	8,895,024.31			
3250U	ULATIS OPERATING RESERVE	5,186,608.84			5,186,608.84	
3350SC	DESIGNATED OPERATING RESERVES	7,368,660.56	7,368,660.56			
	Net Income	6,117,108.11	104,604.64	5,051,653.26	874,928.92	85,921.29
Total Capital		43,956,069.32	19,568,289.51	17,701,548.98	6,449,537.76	236,693.07
Total Liabilities & Capital		\$ 45,298,360.00	\$ 20,297,764.40	\$ 18,251,265.61	\$ 6,501,909.10	\$ 247,420.89

ACTION OF
SOLANO COUNTY WATER AGENCY

DATE: July 12, 2018

SUBJECT: REVISE PROPOSITION 4 APPROPRIATIONS LIMIT FOR FISCAL YEAR 2004-2005
THROUGH FISCAL YEAR 2017-2018

RECOMMENDATION:

Approve Resolution Number 2018-03 of the Solano County Water Agency revising the appropriations limit calculation for fiscal year 2004-2005 through fiscal year 2017-2018.

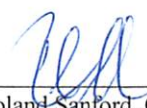
FINANCIAL IMPACT:

None

BACKGROUND:

California's state appropriation limit, established by Proposition 4 in 1979, places an "upper bound" each year on the amount of monies that can be spent from state tax proceeds. The original Proposition's intent was to limit the growth of government spending and applies to all local governments including special districts. The state appropriation limit is based on actual appropriations during the base year (1986-87) and increases each year using specified growth factors and calculations provided annually by the California Department of Finance (DOF). Certain revenues and expenses – such as water purchases and sales - are exempt and outside of the annual Appropriations Limit. Accordingly, only a portion of the Water Agency's budget is subject to the annual Appropriations Limit.

The Agency's financial consultants, Regional Government Services, have concluded that the Agency has incorrectly calculated the annual Appropriations Limit every year since 2004, and therefore, on behalf of the Agency, recalculated the Appropriations Limit for fiscal year 2004-2005 through fiscal year 2017-2018 (see Resolution 2018-03). Fortunately, the errors have no material impact in that, even with the corrected Appropriations Limit data, there are no instances when the Agency exceeded its statutory Appropriations Limit.

Recommended: 

Roland Sanford, General Manager

☐ Approved as
recommended

☐ Other
(see below)

☐ Continued on
next page

Modification to Recommendation and/or other actions:

I, Roland Sanford, General Manager and Secretary to the Solano County Water Agency, do hereby certify that the foregoing action was regularly introduced, passed, and adopted by said Board of Directors at a regular meeting thereof held on July 12, 2018 by the following vote:

Ayes:

Noes:

Abstain:

Absent:

Roland Sanford
General Manager & Secretary to the
Solano County Water Agency

RESOLUTION NUMBER 2018-03

**A RESOLUTION OF THE SOLANO COUNTY WATER AGENCY REVISING THE
APPROPRIATIONS LIMIT CALCULATION FOR FISCAL YEAR 2004-2005
THROUGH FISCAL YEAR 2017-18**

WHEREAS, on November 6, 1979 the people of California added Article XIII-B to the State Constitution, placing various limitations – Appropriations Limit - on State and local government appropriations; and

WHEREAS, on June 5, 1990 the people of California amended Article XIII-B of the State Constitution and California Government Code sections 7900, *et seq.* to include additional guidance regarding the calculation of an Appropriations Limit, and to require local governments to adopt a resolution setting their respective annual Appropriations Limit; and

WHEREAS, the Appropriations Limit is required to be established each fiscal year and may be amended in subsequent years to make corrections; and

WHEREAS, The Agency's consultants, RGS, have determined the Agency, by using incorrect annual growth factors, incorrectly calculated the annual Appropriations Limit for each fiscal year since FY 2004-05; and

WHEREAS, The Agency has made the necessary corrections to the Appropriations Limits previously reported for FY 2004-05 through FY 2017-18.

NOW, THEREFORE, the Board of the Solano County Water Agency does hereby resolve as follows:

In accordance with Article XIIIB of the California Constitution and Government Code sections 7900 *et seq.*, the revised Appropriations Limits from FY 2004-05 through FY 2017-18 are as set forth in Exhibit A, attached hereto, and;

The annual adjustment growth factors to recalculate the Fiscal Year 2017-18 Appropriations Limit of \$14,720,779 shall be the change by the State wide per capita personal income percentage and State Department of Finance estimated change in County population as shown in Exhibit B, attached hereto.

I, ROLAND SANFORD, General Manager and Secretary to the Board of Directors of the Solano County Water Agency, do hereby certify that the foregoing resolution was regularly introduced, passed and adopted by said Board of Directors, at a regular meeting thereof held on the 12th day of July 2018, by the following vote:

Ayes:

Noes:

Abstain:

Absent:

Roland Sanford
General Manager & Secretary to the
Solano County Water Agency

Attachment: **Exhibit A** – Annual Appropriations Limit Calculation Summary for Fiscal Year
2004-05 through Fiscal Year 2017-18
Exhibit B – Appropriations Limit Calculation Summary for FY 2017-18

Solano County Water Agency
APPROPRIATIONS LIMIT CALCULATION SUMMARY
For Fiscal Year 2004-05 through Fiscal Year 2017-18

Exhibit A

**Appropriation Growth Factors -
Population & Cost of Living**

Fiscal Year	Change Cost of Living Indices [1]		Population	Growth Factor	REVISED Current Year Appropriations Limit [5]		Prior Period Adjustments to Annual Appropriations Limit from FY 04/05 to FY	
Appropriation Limit Fiscal Year	Per Capita Personal Income (PCPI) [2]	Annual Non- Residential Assessed Valuation Growth to Total Growth [3]	Solano County [4]	Allowed Annual Percent Growth in Appropriations Limit				
Apply Highest Factor				[Highest Cost of Living times Population]			Growth Factor times Prior Year Limit	
03/04 [6]						\$ 8,187,592	\$ 8,187,592	\$ -
04/05	3.280	NA	1.120	1.044370	\$ 8,187,592	\$ 8,550,875	\$ 8,550,854	\$ 21
05/06	5.260	4.8300	1.320	1.066490	\$ 8,550,875	\$ 9,119,423	\$ 9,117,437	\$ 1,986
06/07	3.960	3.6500	1.150	1.051560	\$ 9,119,423	\$ 9,589,621	\$ 9,587,897	\$ 1,724
07/08	4.420	5.2700	1.190	1.065230	\$ 9,589,621	\$ 10,215,152	\$ 10,130,572	\$ 84,580
08/09	4.290	0.1100	0.620	1.049370	\$ 10,215,152	\$ 10,719,474	\$ 10,631,022	\$ 88,452
09/10	0.620	(2.6200)	0.940	1.015660	\$ 10,719,474	\$ 10,887,341	\$ 10,797,485	\$ 89,856
10/11	(2.540)	(0.0500)	0.760	1.007100	\$ 10,887,341	\$ 10,964,641	\$ 10,797,485	\$ 167,156
11/12	2.510	(0.0900)	0.220	1.027360	\$ 10,964,641	\$ 11,264,633	\$ 10,913,624	\$ 351,009
12/13	3.770	(0.0300)	0.230	1.040090	\$ 11,264,633	\$ 11,716,232	\$ 11,351,115	\$ 365,117
13/14	5.120	(0.0100)	0.780	1.059400	\$ 11,716,232	\$ 12,412,177	\$ 12,025,360	\$ 386,817
14/15	(0.230)	0.0100	1.020	1.010300	\$ 12,412,177	\$ 12,540,022	\$ 13,209,858	\$ (669,836)
15/16	3.820	0.0100	1.170	1.050350	\$ 12,540,022	\$ 13,171,412	\$ 13,874,314	\$ (702,902)
16/17	5.370	0.0500	1.080	1.065080	\$ 13,171,412	\$ 14,028,608	\$ 14,777,254	\$ (748,646)
17/18	3.690	0.0608	1.200	1.049340	\$ 14,028,608	\$ 14,720,779	\$ 15,508,554	\$ (787,775)

[1] From State Department of Finance per Article XIII B of the California Constitution every May 1st for following Fiscal Year Appropriations Calculation. A 1991 amendment to Article XIII-B dropped use of the Consumer Price Index (CPI) and allowed for revising limit with Per Capita Personal Income (PCPI) or Growth in non-residential assessed valuation multiplied by the higher of City or County population growth factors back to FY 87-88. The Agency may selection by resolution the growth factors to be used to calculate the annual Appropriations Limit. The shaded area indicate the highest factor used in calculation for the individual Fiscal Year.

[2] Per Capita Personal Income (PCPI) - California 4th Quarter - Calculated by State Department of Finance

[3] Determination of the annual growth in non-residential assessed valuation is calculated by the Solano County Auditor-Controller's Office for the County Appropriation Limit and released in August of each year and is applied to the following fiscal year for the appropriations limit calculation purposes. The SCWA jurisdiction is the entire county and the growth in the entire county assessed valuation is applicable. See worksheet 6.1 for details.

[4] Population changes are from the State Department of Finance Demographic unit and updated as of January of each year. The Countywide population growth is applicable to the Agency.

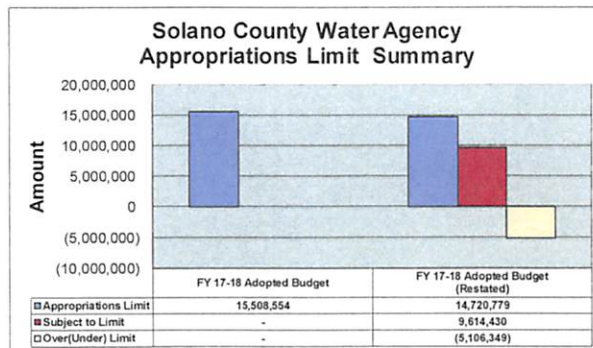
[5] Current Year Appropriations Limit has been adjusted due to prior year incorrect calculations in multiple years and application of non-residential assessed valuation change, as appropriate.

[6] Prior to FY 04-05 Solano County Auditor-Controller's Office calculated the Appropriations Limit for the Solano County Water Agency and only provided the PCPI growth factor.

Solano County Water Agency
Appropriations Limit Calculation Summary
Fiscal Year 2017-18 Adopted Budget (Revised)

Exhibit B

Prior Year Revised Appropriation Limit ^[4]	\$ 14,028,608
Allowed Compounded Percentage Increase from Prior Year ^[1]	
Statewide Per Capita Personal Income	3.690%
County Population Growth From State Dept of Finance	1.200%
Compounded Percentage as an Adjustment Factor	4.934%
Growth Factor Adjustment Amount to Appropriation Limit	692,172
Current Year Appropriation Limit From Growth Factors	14,720,779
Annual Other Adjustments to Limit ^[1]	-
Current Year Appropriations Limit	14,720,779
Current Year Adopted Budget Appropriations From Proceeds of Taxes ^[2]	
Proceeds of Taxes From Adopted Budget ^[3]	23,359,216
Less Allowable Exclusion of Certain Appropriations ^[3]	(13,744,786)
Current Year Appropriations Subject to Appropriation Limit	9,614,430
Current Year Appropriations Over or (Under) the Appropriation Limit	\$ (5,106,349)
Percentage Over or (Under) the Limit	-35%



(1) Article XIIIb allowed annual adjustments to the Appropriations Limit after calculation of annual growth factors

(2) Proceeds of Taxes are certain revenues as defined by State Law and League of California Cities Article XIII Appropriations Limit Uniform Guidelines. See Worksheets for details.

(3) Summary of worksheets for above calculations of Appropriations Limit and Appropriations Subject to Limit

Summary of Appropriations From Proceeds of Taxes	From Non Proceeds of Taxes	From Proceeds of Taxes	Total Appropriations
Admin-Solano Project-Watermaster	7,235,315	8,921,422	16,156,737
State Water Project	2,621,997	13,044,104	15,666,101
Utatis Flood Control	21,742	1,253,964	1,285,726
Green Valley Flood Control	-	129,707	129,707
Total Proceeds and Non Proceeds of Taxes	9,879,055	23,359,216	33,238,271
Summary of Exclusions			
Court Order Costs	2,198,040		
Federal Mandates	125,701		
Qualified Capital Outlay Over \$100,000 and 10+ year life	-		
Qualified Debt Service	11,423,045		
Total Exclusions to Appropriations Subject to Limit	13,744,786		

(4) Adjustments to prior year calculation of Appropriations Limit due use of appropriate growth factors and calculations from FY 04-05 to FY 15-17. See worksheet details.

ACTION OF
SOLANO COUNTY WATER AGENCY

DATE: July 12, 2018

SUBJECT: SET PROPOSITION 4 APPROPRIATIONS LIMIT FOR FISCAL YEAR 2018-2019

RECOMMENDATION:

Approve Resolution Number 2018-04 of the Solano County Water Agency establishing the fiscal year 2018-2019 state appropriations limit.

FINANCIAL IMPACT:

None

BACKGROUND:

California's state appropriation limit, established by Proposition 4 in 1979, places an "upper bound" each year on the amount of monies that can be spent from state tax proceeds. The original Proposition's intent was to limit the growth of government spending and applies to all local governments including special districts. The state appropriation limit is based on actual appropriations during the base year (1986-87) and increases each year using specified growth factors and calculations provided annually by the California Department of Finance (DOF).

The state appropriation limit for the Solano County Water Agency for fiscal year 2018-2019 is \$15,392,341.

Recommended: 
Roland Sanford, General Manager

☐

Approved as
recommended

☐

Other
(see below)

☐

Continued on
next page

Modification to Recommendation and/or other actions:

I, Roland Sanford, General Manager and Secretary to the Solano County Water Agency, do hereby certify that the foregoing action was regularly introduced, passed, and adopted by said Board of Directors at a regular meeting thereof held on July 12, 2018 by the following vote:

Ayes:

Noes:

Abstain:

Absent:

Roland Sanford
General Manager & Secretary to the
Solano County Water Agency

RESOLUTION NUMBER 2018-04

**A RESOLUTION OF THE SOLANO COUNTY WATER AGENCY ADOPTING THE
FISCAL YEAR 2018-19 APPROPRIATIONS LIMIT**

WHEREAS, on November 6, 1979 the people of California added Article XIII-B to the State Constitution, placing various limitations – Appropriations Limit - on State and local government appropriations; and

WHEREAS, on June 5, 1990 the people of California amended Article XIII-B of the State Constitution and California Government Code sections 7900, *et seq.* to include additional guidance regarding the calculation of an Appropriations Limit, and to require local governments to adopt a resolution setting their respective annual Appropriations Limit; and

WHEREAS, the Appropriations Limit is required to be established each fiscal year and may be amended in subsequent years to make corrections; and

WHEREAS, the Agency has complied with the provisions of Article XIII-B of the State Constitution and California Government Code sections 7900, *et seq.* in determining the Appropriations Limit for Fiscal Year 2018-19.

NOW, THEREFORE, the Board of the Solano County Water Agency does hereby resolve as follows:

In accordance with Article XIII-B of the California Constitution and Government Code sections 7900 *et seq.*, the annual adjustment growth factors to calculate the Fiscal Year 2018-19 Appropriations Limit of \$15,392,341 shall be the change by the Statewide per capita personal income percentage and State Department of Finance estimated change in County population as shown in Exhibit A, attached hereto.

I, ROLAND SANFORD, General Manager and Secretary to the Board of Directors of the Solano County Water Agency, do hereby certify that the foregoing resolution was regularly introduced, passed and adopted by said Board of Directors, at a regular meeting thereof held on the 12th day of July 2018, by the following vote:

Ayes:

Noes:

Abstain:

Absent:

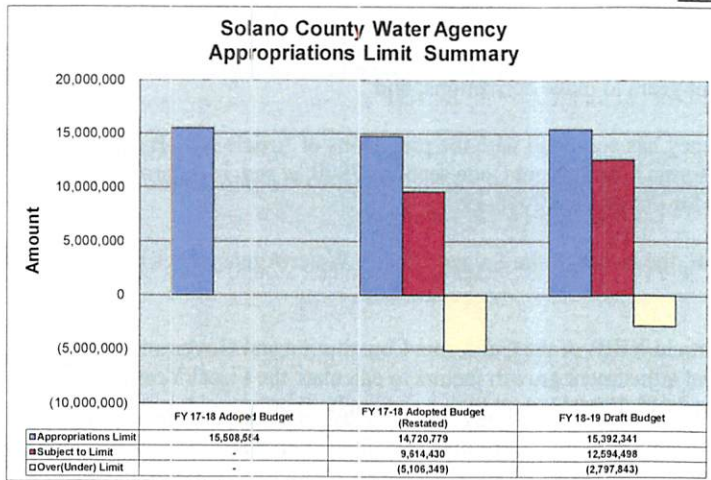
Roland Sanford
General Manager & Secretary to the
Solano County Water Agency

Attachment: **Exhibit A** – Appropriations Limit Calculation Summary for FY 2018-19

Solano County Water Agency
Appropriations Limit Calculation Summary
Fiscal Year 2018-19 Adopted Budget

EXHIBIT A

Prior Year Appropriation Limit ^[4]	\$ 14,720,779
Allowed Compounded Percentage Increase from Prior Year ^[1]	
Statewide Per Capita Personal Income	3.670%
County Population Growth From State Dept of Finance	0.860%
Compounded Percentage as an Adjustment Factor	4.562%
Growth Factor Adjustment Amount to Appropriation Limit	671,562
Current Year Appropriation Limit From Growth Factors	15,392,341
Annual Other Adjustments to Limit ^[1]	-
Current Year Appropriations Limit	15,392,341
Current Year Adopted Budget Appropriations From Proceeds of Taxes ^[2]	
Proceeds of Taxes From Adopted Budget ^[3]	26,579,036
Less Allowable Exclusion of Certain Appropriations ^[3]	(13,984,538)
Current Year Appropriations Subject to Appropriation Limit	12,594,498
Current Year Appropriations Over or (Under) the Appropriation Limit	\$ (2,797,843)
Percentage Over or (Under) the Limit	-18%



(1) Article XIIIb allowed annual adjustments to the Appropriations Limit after calculation of annual growth factors. See worksheet for details.

(2) Proceeds of Taxes are certain revenues as defined by State Law and League of California Cities Article XIIIb Appropriations Limit Uniform Guidelines. See Worksheets for details.

(3) Summary of worksheets for above calculations of Appropriations Limit and Appropriations Subject to Limit

Summary of Appropriations From Proceeds of Taxes	From Non Proceeds of Taxes	From Proceeds of Taxes	Total Appropriations
Total Proceeds and Non Proceeds of Taxes	10,353,982	26,579,036	36,933,018
Summary of Exclusions	From Proceeds of Taxes		
Court Order Costs	1,892,352		
Federal Mandates	180,556		
Qualified Capital Outlay Over \$100,000 and 10+ year life	130,000		
Qualified Debt Service for Capital Improvements	11,781,630		
Total Exclusions to Appropriations Subject to Limit	13,984,538		
		Pajaro Creek and Lake Berryessa FICA/Medicare/Unemployment Capital Improvements State Water Project	

(4) In FY 17-18, corrections were made to prior year calculation of Appropriations Limit from FY 04-05 to FY 17-18. See worksheet details.

SOLANO COUNTY WATER AGENCY



MEMORANDUM

TO: Board of Directors

FROM: Roland Sanford, General Manager

DATE: July 6, 2018

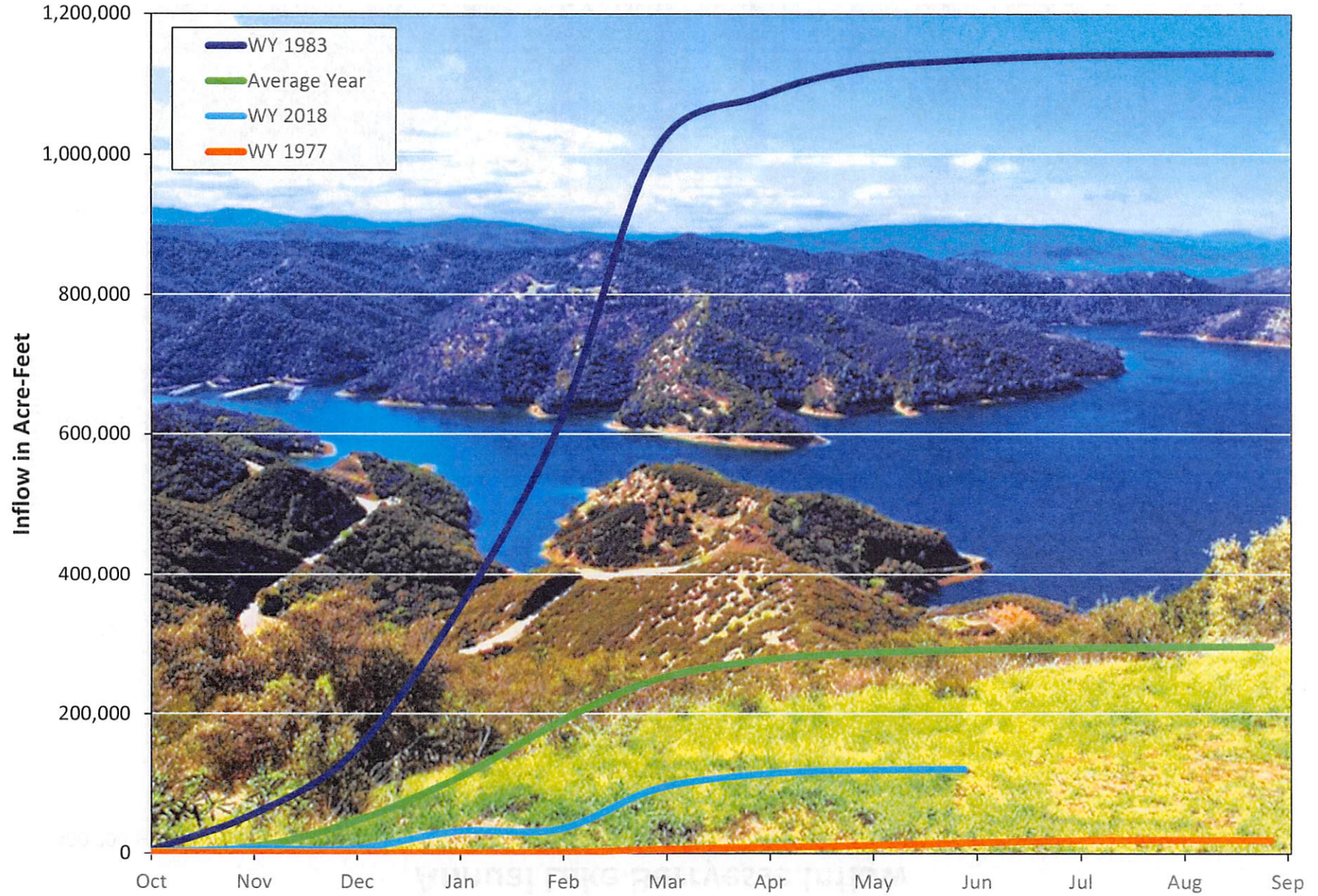
SUBJECT: July 2018 General Manager's Report

It has been an uncharacteristically quiet month. Other than the County Fire and the “whisperings” of drought, there is little to report. As of this writing the County Fire remains largely uncontained and has burned portions of the Lake Berryessa watershed, at and to the east of Lake Berryessa. Later this month we should have a better idea as to the extent and possible water quality impacts to the lake. Remarkably, despite the fact that major portions of the Lake Berryessa watershed have burned over the last five years, we continue to see little or no impact on lake water quality.

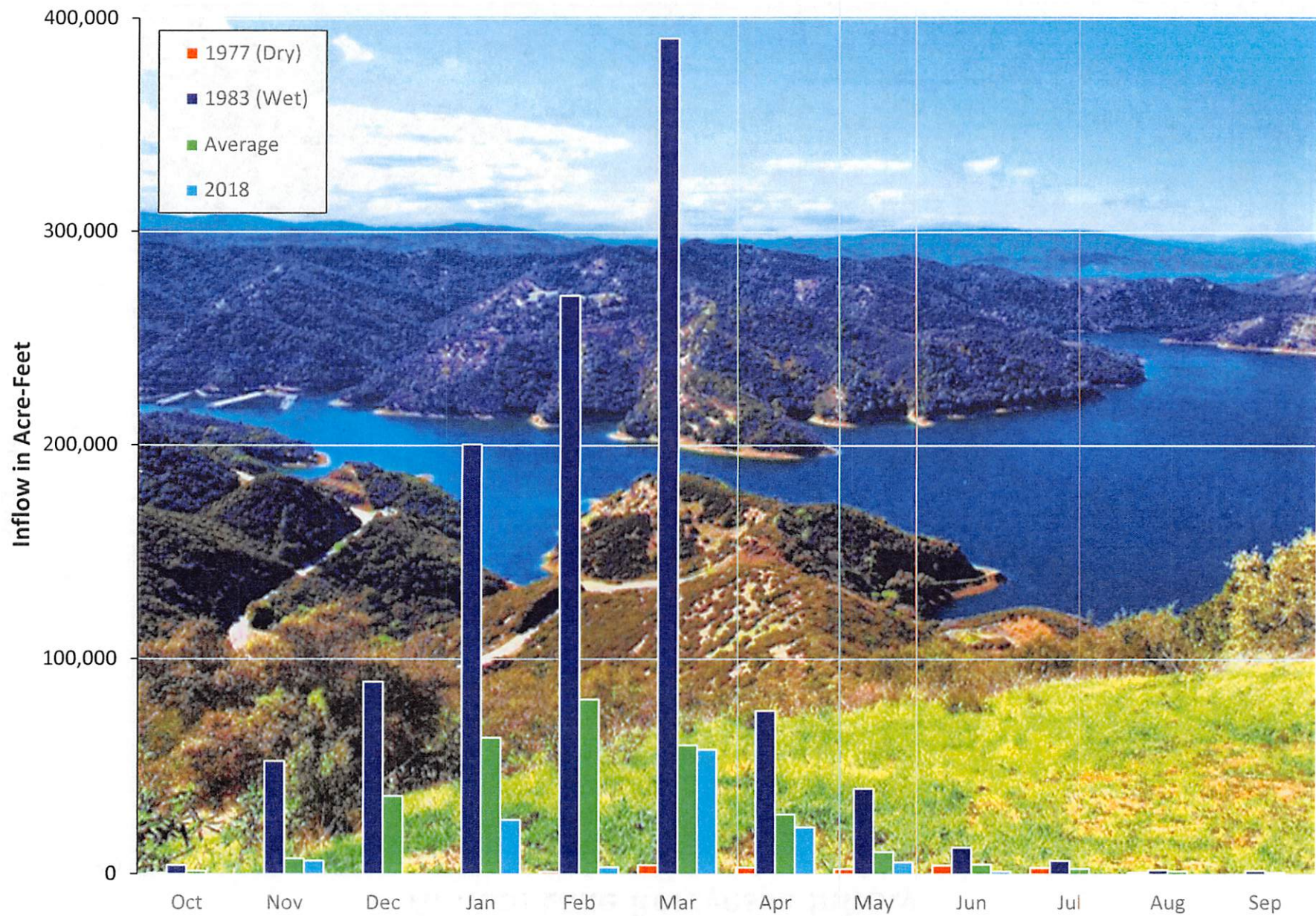
Just one year removed from one of the wettest years on record – water year 2017 – and talk of another drought has begun. At the moment much of Northern California is classified as “abnormally dry”, and will remain so until next winter. At least some of the long range forecasts are suggesting that El Nino conditions will prevail next winter, which generally, but not always, results in above normal precipitation. A dry 2019 winter will not appreciably impact the Lake Berryessa water supply– the lake remains nearly full. However, with Lake Oroville drawn down to accommodate the ongoing spillway repair work, a dry winter would likely result in substantially reduced water supply allocations from the State Water Project.



Annual Lake Berryessa Inflow



Annual Lake Berryessa Inflow



**REPORT OF CONSTRUCTION CHANGE ORDERS AND
CONTRACTS APPROVED BY GENERAL MANAGER UNDER
DELEGATED AUTHORITY**

Construction Contract Change Orders (15% of original project costs or \$50,000, whichever is less) - none

Construction Contracts (\$30,000 and less) - none

Professional Service Agreements (\$30,000 and less) - none

Non-Professional Service Agreements (\$30,000 and less) –

Construction contracts resulting from informal bids authorized by SCWA Ordinance- none

Note: Cumulative change orders or amendments resulting in exceeding the dollar limit need Board approval.

NEWS ARTICLES

Canal System That Serves 500K Residents Could Change Hands

Bay City News Service

Published 2:26 pm, Monday, June 11, 2018

Ownership of the 81-year-old canal system that serves as the water lifeline for a half-million Contra Costa County residents could be transferred to the Contra Costa Water District under recently introduced legislation.

The proposed legislation would transfer ownership of the Contra Costa Canal System from the federal government to the water district. U.S. Sens. Dianne Feinstein and Kamala Harris introduced the legislation along with Rep. Mark DeSaulnier, D-Concord.

The aging canal system is the primary water delivery system for about 500,000 people in central and eastern Contra Costa County. The main Contra Costa Canal between Oakley and Concord springs leaks, has water evaporate on hot days and poses a danger to the public, with 75 drownings in its lifetime.

Transferring ownership would mean the district could operate and maintain the system more efficiently, reducing federal administrative costs and investing money in modernizing the system, according to the water district.

"If we don't own the canal, we are less likely to invest hundreds of millions of dollars to modernize it," said Jennifer Allen, a spokeswoman for the water district. "An analogy is, when you are renting a home, are you going to do a full upgrade of the kitchen? You are more likely to invest when you are the owner of a facility."

Allen estimated the cost of modernizing the Contra Costa Canal, which is just one component of the system, at around \$500 million.

Because the federal government owns the canal system, transferring the title requires an act of Congress.

BREAKING Supreme Court makes no definitive ruling in resolving partisan redistricting cases

^ Close

https://napavalleyregister.com/news/local/napa-land-trust-protects-more-lake-berryessa-land-from-development/article_b2bb89ce-dd7e-510a-9b65-dd06c1d0cfc4.html

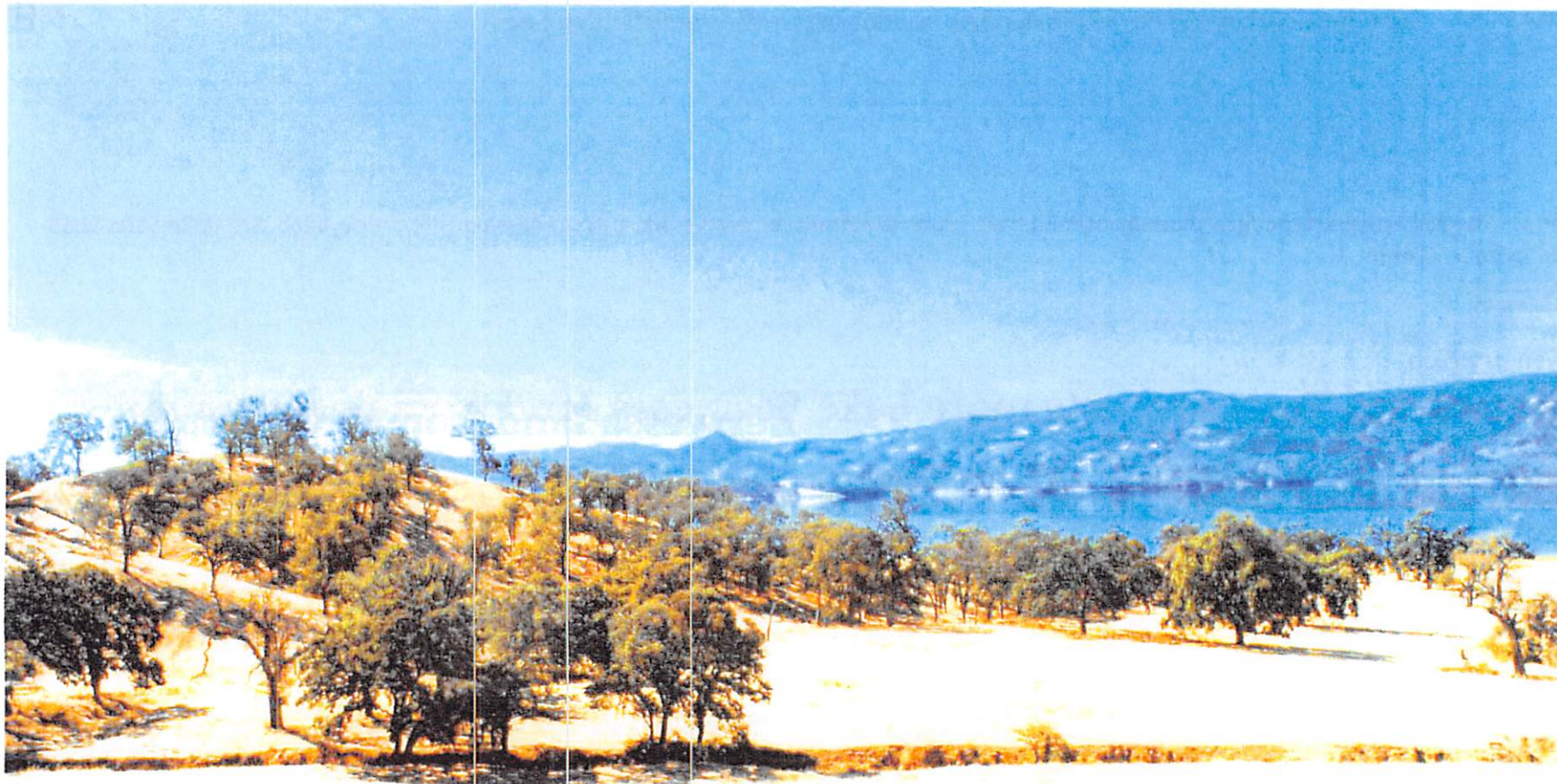
TOP STORY

Conservation

Napa Land Trust protects more Lake Berryessa land from development

BARRY EBERLING beberling@napanews.com Jun 17, 2018 Updated 12 hrs ago

SUBSCRIBE FOR 33¢ / DAY



The Land Trust of Napa and the state have teamed to secure a conservation easement to protect the 732-acre Webber Ranch along Lake Berryessa from being developed.

Courtesy of Land Trust of Napa County

The Land Trust of Napa County and the state of California have preserved another 722 acres along east Lake Berryessa, bringing the total amount of protected land there by this partnership in two years to more than 6,700 acres.

A conservation easement will keep the Webber Ranch in private ownership while stripping it of development rights. A state grant of \$330,000 is paying for the easement from owner Pete Craig, according to the state Department of Conservation.

“He gave up a lot of value,” Land Trust CEO Doug Parker said. “He sold (the easement) for below the appraised value, quite a bit below.”

Webber Ranch has grasslands, oak woodlands and mixed manzanita chaparral. It extends from a federal strip of land along U.S. Bureau of Reclamation’s Lake Berryessa reservoir east to the ridge that forms the Napa/Yolo counties line, to Bureau of Land Management land that is part of Berryessa Snow Mountain National Monument.

Napa County is famous for grapes, but also has cattle ranches, particularly in the east county. Livestock is listed second in value to fruit-and-nut crops in the 2017 Napa County crop report, though a distant second – the fruit-and-nut crops category that includes grapes had a \$751 million value and livestock \$3.4 million.

Parker said the Webber Ranch easement and the other three easements the Land Trust has secured along the eastern lake are contiguous. The land is part of a wildlife corridor that extends north to the Oregon border.

Webber Ranch is in a remote area away from well-traveled roads along the massive federal reservoir. The Greenbelt Alliance rates this part of the county at low risk for development. Still, the Land Trust and state officials say eastern Lake Berryessa could be attractive for ranchettes, estate homes and recreational homes.

The state funding came from the Sustainable Agricultural Lands Conservation Program, which uses state cap-and-trade money for projects deemed to reduce greenhouse gas emissions, preserve farmland and support the state’s food security.

Keeping the Webber Ranch in ranching will prevent the property from having greenhouse gas emissions associated with housing developments, said a press release from the state and Land Trust. It will protect trees that sequester carbon. It will protect scenic views for Lake Berryessa visitors and a watershed that feeds the reservoir.

Last year, Craig, along with vintners Robin and Michelle Baggett of Alpha Omega winery, put a conservation easement on the 4,461-acre Monticello Ranch along eastern Lake Berryessa. A state grant paid \$2 million for an easement valued at \$2.7 million.

In 2016, the Land Trust worked with the state Department of Conservation and Gordon and Betty Moore Foundation to secure easements on the 840-acre Smitty Ranch and 716-acre Gunn Ranch along eastern Lake Berryessa.

In 42 years, the Land Trust has protected more than 70,000 acres of land – more than 109 square miles – and last year protected an organization record of 12,300 acres for one year.

Barry Eberling

Napa County Reporter

Barry Eberling covers Napa County government, transportation, the environment and general assignments. He was worked for the Napa Valley Register since fall 2014 and previously worked 27 years for the Daily Republic of Fairfield. He is a graduate of UC Sa

ADVISORY COMMISSION UPDATES

**Solano Water Advisory Commission
Meeting Minutes
June 27, 2018**

Present: Roland Sanford, Chris Lee and Alex Rabidoux, SCWA; Felix Riesenbergs, Fairfield; Steve Sawyer, Vacaville; William Tarbox and Leo Larkin, Benicia; Stuart Cole and Richard Wilson, Vallejo; Kevin King, SID; Bryan Busch, RD 2068; Don Holdener, MPWD; Misty Kaltreider, Solano County; Kevin Westad, Travis AFB; and Rick Wood.

The meeting was called to order at 12:35 PM.

1. Approval of Minutes

The minutes of the April 25, 2018 meeting were approved.

2. SCWA General Manager's Report

For the Water Supply-Demand Analysis Working Group, Roland informed the Commission that an initial memo was completed that summarized the existing GIS information. The Agency will be putting together a draft RFP primarily focusing on the Agricultural Water Supply-Demand, and will meet again once the RFP is complete. On the Ulatis Channels Working Group, the group will be meeting at the end of the SWAC meeting, to discuss permitting issues and how to strategically utilize the Ulatis Flood Control Project. Funds have also been placed in the FY18-19 budget for wildlife monitoring that will likely be done this year. For Board Items, the agenda for July is expected to be light, and the August Board Meeting will likely be cancelled.

On NBA issues, the Agency is continuing to work on the Dudley Ridge and Santa Clara Valley Water District water exchanges. The exchanges have already been discussed with the State Water Contractors, with no apparent concerns. The agreements still need to go through DWR and the SCWA Board. There is a risk that the Dudley Ridge agreement may go stale due to the end of the irrigation season and decreasing demand. For Dudley Ridge, Notice of Exemptions have already been filed in Solano & Kings County. Several of the Commission members expressed concern with the SCWA Board making decisions in regards to each city's water supply. The Commission believes there is a real need to educate the Board, as SCWA is simply a facilitator for the water exchanges.

There were no updates for the Solano Project. For Bay-Delta Planning Issues, Feather River negotiations in regards to the Bay-Delta Plan are not going well. There appears to be no urgency as there will likely be a new State Administration change with new Directors of DWR, DFW and other state agencies. For other regional issues, several cities expressed concern with the new water conservation legislation. For Vallejo, the legislation would likely mean a 15% cut in revenue which would have to be shifted to rate payers. The legislation would also require additional reporting to the SWRCB with a focus on leakage.

3. Groundwater Planning

Chris informed the Commission that DWR will be finalizing the \$1M grant with the Solano GSA for development of the Solano Subbasin Groundwater Sustainability Plan. There are also boundary modifications taking place, with 17 Reclamation Districts signing up to form a GSA, primarily because they do not utilize groundwater. The Basins are also being reprioritized by DWR, with the Solano Subbasin upgraded from Medium to High and the

Napa-Sonoma Lowlands upgraded from Low to Medium. The Agency is having the groundwater consultant Luhdorff & Scalmanini conduct a peer review of DWR's analysis for both basins, as DWR's action appears to be flawed. The Agency will be asking the various GSAs and impacted cities to submit letters of opposition to DWR. The Solano County Board of Supervisors have already sent a letter to DWR against the timing of the boundary modifications, and will be sending another letter opposing the Basin upgrades as well.

4. Solano County Report
None

5. PSC/NBA Maintenance
Alex informed the Commission that the planned NBA outage in August will be shifted by 1-day to meet the Napa NBA users. Details will be sent out once confirmed by PG&E and DWR.

6. Solano Water Authority Report
None

7. Water Conservation
None

8. Legislative/Initiative/Court Decision Issues Not Discussed Above
None

9. New Business
None

10. Public Comments
None

The next meeting will be July 25, 2018 at 12:30 PM.

The meeting adjourned at 2:00 PM.

**ACTION OF
SOLANO COUNTY WATER AGENCY**

DATE: July 12, 2018

SUBJECT: Acceptance of Sweeney Creek Easement Agreements for Flood Control Purposes

RECOMMENDATION:

Accept easement agreements for the following assessor parcel numbers; 106-023-010, 106-021-190, 106-021-200, 106-021-240, 106-021-290; and authorize General Manager to submit said easement agreements for recordation by the Solano County Recorder's Office.

FINANCIAL IMPACT:

None. The Solano County Water Agency (Agency) is exempt from filings fees per California Government Code Section 6103.

BACKGROUND:

Sweeney Creek originates in the hills west of Allendale and flows easterly, crossing the Putah South Canal, highway 505, and emptying into the Sweeney Creek unit of the Ulatis Flood Control Project, at Leisure Town Road. The stream segment between the Putah South Canal and Leisure Town Road is particularly prone to flooding, due in part to the periodic accumulation of debris and excessive in-channel vegetation. The Water Agency currently maintains the Sweeney Creek unit, beginning at Leisure Town Road and continuing downstream, but not the aforementioned upstream segment, between the Putah South Canal and Leisure Town Road.

Permanent right-of-way easements are needed to reliably maintain the stream segment between the Putah South Canal and Leisure Town Road. Since the 1990's, the Water Agency has sought the necessary right-of-way easements and over the years some but not all of the affected landowners have periodically expressed a willingness to grant permanent right-of-way easements. In 2003 the Water Agency, as a compromise, accepted temporary 10-year easements (TEAs) in the hopes that all nine landowners would eventually be willing to grant permanent right-of-way easements (PEAs). The TEAs have since expired. However, five of the nine landowners have agreed to grant PEAs to the Water Agency (see attached).

Recommended: 
Roland Sanford, General Manager

<input type="checkbox"/> Approved as recommended	<input type="checkbox"/> Other (see below)	<input checked="" type="checkbox"/> Continued on next page
--	--	--

Modification to Recommendation and/or other actions:

I, Roland Sanford, General Manager and Secretary to the Solano County Water Agency, do hereby certify that the foregoing action was regularly introduced, passed, and adopted by said Board of Directors at a regular meeting thereof held on July 12, 2018 by the following vote:

Ayes:

Noes:

Abstain:

Absent:

Roland Sanford
General Manager & Secretary to the
Solano County Water Agency

Although not ideal, the five PEAs would at least provide sufficient access to maintain the majority of the stream channel in question and thereby, at least minimize the frequency of flooding in what has historically been a flood prone area. The five PEAs have been signed and the final step, in order for the easements to be recorded by the Solano County Recorder's Office, is for the Water Agency Board of Directors to formally accept the easements, and authorize the General Manager to submit the five easements for recordation.

RELEVANCE TO 2016-2025 SCWA STRATEGIC PLAN:

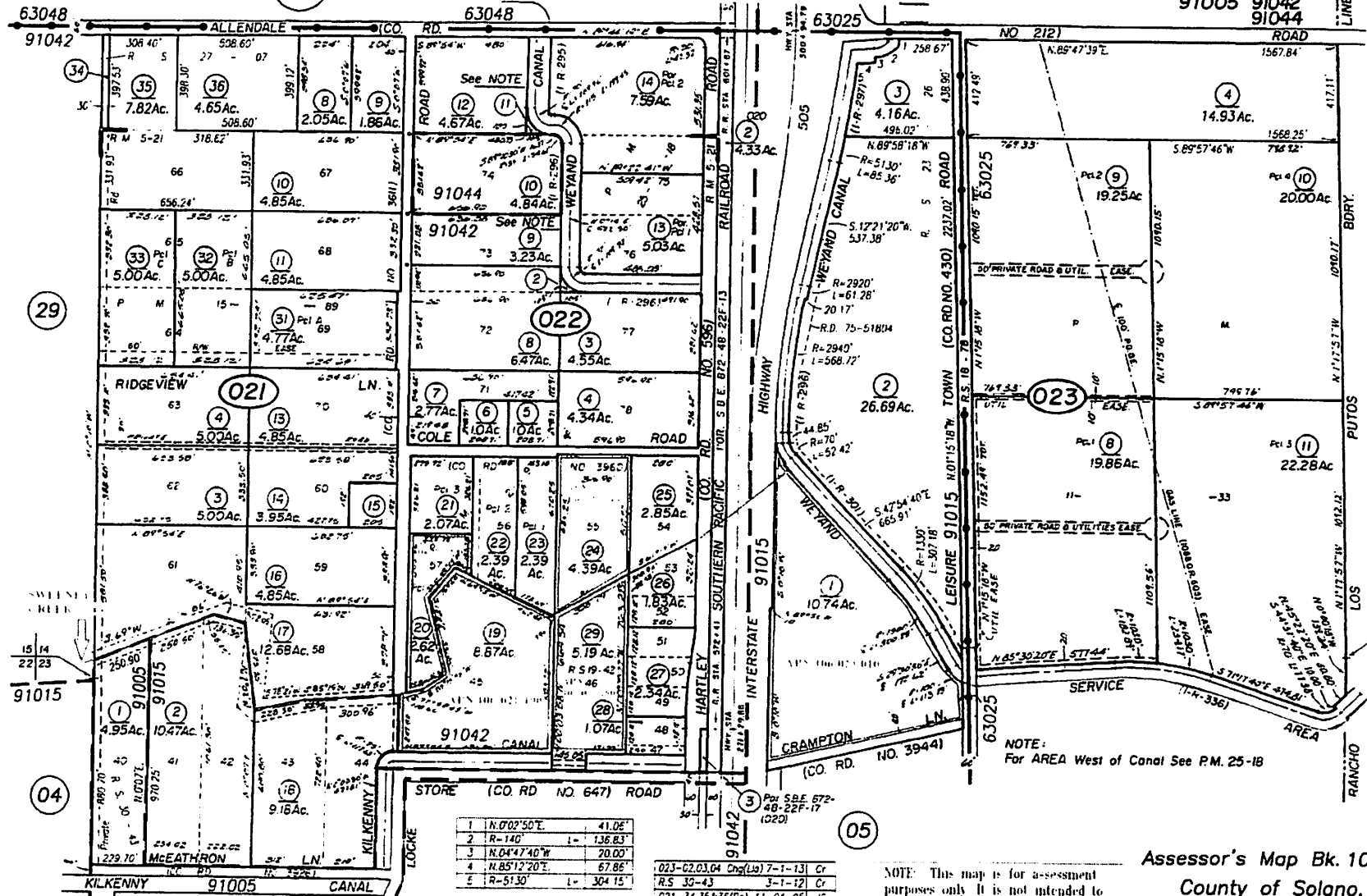
The Agency's acceptance of these easement agreements is consistent with Goal # 3 of the 2016-2025 Strategic Plan (*Flood Management: Implement SCWA's role in flood management*).

**SWEENEY CREEK EASEMENT
PARCEL LOCATIONS**

**POR. LOT 38, RANCHO LOS PUTOS
POR. SEC'S 14 & 23, T. 7 N., R. 1 W., M.D.B. & M. EXT.**

Tax Area Code
63025 91015
91005 91042
91044

106-02



C. Locke-Paddon Col. No. 11, R.M. Bk. 5 Pg. 21
Assessor's Block Numbers Shown in Ellipses, Assessor's Parcel Numbers Shown in Circles

023-02,03,04 Chg(Lia) 7-1-13	Cr
R.S. 30-43	3-1-12
021-34,35,36(Rs) 11-04-05	JS
021-34(Rs) 36 (Dd) 8-17-04	SE
REVISION	DATE BY

**Assessor's Map Bk. 106 Pg. 02
County of Solano, Calif.**

14-15

SOLANO COUNTY WATER AGENCY



PUBLIC AGENCY DEED ACCEPTANCE

Solano County Assessor Parcel: 106-023-010

This is to certify that the interest in real property conveyed by the deed or grant deed dated February 2, 2017 from William N. Hendrix and Virginia L. Hendrix to Solano County Water Agency, a political corporation and/or governmental agency is hereby accepted by order of the Solano County Water Agency Board of Directors on July 12, 2018 and the grantee consents to recordation thereof by its duly authorized officer.

Dated: _____

By: _____
Roland A. Sanford
Secretary to the Solano County
Water Agency Board of Directors

Dated: _____

By: _____
John B. Kluge
Chair, Solano County Water
Agency Board of Directors

810 Vaca Valley Parkway, Suite 203
Vacaville, CA 95688
(707) 451-6090
Fax (707) 451-6099
Scwa2.com



SOLANO COUNTY WATER AGENCY



PUBLIC AGENCY DEED ACCEPTANCE

Solano County Assessor Parcel: 106-021-024

This is to certify that the interest in real property conveyed by the deed or grant deed dated September 27, 2017 from Raymond Godbeer to Solano County Water Agency, a political corporation and/or governmental agency is hereby accepted by order of the Solano County Water Agency Board of Directors on July 12, 2018 and the grantee consents to recordation thereof by its duly authorized officer.

Dated: _____

By: _____
Roland A. Sanford
Secretary to the Solano County
Water Agency Board of Directors

Dated: _____

By: _____
John B. Kluge
Chair, Solano County Water
Agency Board of Directors

810 Vaca Valley Parkway, Suite 203
Vacaville, CA 95688
(707) 451-6090
Fax (707) 451-6099
Scwa2.com



SOLANO COUNTY WATER AGENCY



PUBLIC AGENCY DEED ACCEPTANCE

Solano County Assessor Parcel: 106-021-200

This is to certify that the interest in real property conveyed by the deed or grant deed dated September 27, 2017 from Edward Kiebel and Tricia Kiebel to Solano County Water Agency, a political corporation and/or governmental agency is hereby accepted by order of the Solano County Water Agency Board of Directors on July 12, 2018 and the grantee consents to recordation thereof by its duly authorized officer.

Dated: _____

By: _____
Roland A. Sanford
Secretary to the Solano County
Water Agency Board of Directors

Dated: _____

By: _____
John B. Kluge
Chair, Solano County Water
Agency Board of Directors

810 Vaca Valley Parkway, Suite 203
Vacaville, CA 95688
(707) 451-6090
Fax (707) 451-6099
Scwa2.com



SOLANO COUNTY WATER AGENCY



PUBLIC AGENCY DEED ACCEPTANCE

Solano County Assessor Parcel: 106-021-290

This is to certify that the interest in real property conveyed by the deed or grant deed dated September 10, 2017 from Samual W. Carroll to Solano County Water Agency, a political corporation and/or governmental agency is hereby accepted by order of the Solano County Water Agency Board of Directors on July 12, 2018 and the grantee consents to recordation thereof by its duly authorized officer.

Dated: _____

By: _____
Roland A. Sanford
Secretary to the Solano County
Water Agency Board of Directors

Dated: _____

By: _____
John B. Kluge
Chair, Solano County Water
Agency Board of Directors

810 Vaca Valley Parkway, Suite 203
Vacaville, CA 95688
(707) 451-6090
Fax (707) 451-6099
Scwa2.com



SOLANO COUNTY WATER AGENCY



PUBLIC AGENCY DEED ACCEPTANCE

Solano County Assessor Parcel: 106-021-19

This is to certify that the interest in real property conveyed by the deed or grant deed dated September 27, 2017 from John and Tanya Tuck to Solano County Water Agency, a political corporation and/or governmental agency is hereby accepted by order of the Solano County Water Agency Board of Directors on July 12, 2018 and the grantee consents to recordation thereof by its duly authorized officer.

Dated: _____

By: _____
Roland A. Sanford
Secretary to the Solano County
Water Agency Board of Directors

Dated: _____

By: _____
John B. Kluge
Chair, Solano County Water
Agency Board of Directors

810 Vaca Valley Parkway, Suite 203
Vacaville, CA 95688
(707) 451-6090
Fax (707) 451-6099
Scwa2.com



No Recording Fee Per G.C. 6103

Recording Requested by and
When Recorded Mail To:

Solano County Water Agency
810 Vaca Valley Parkway, Suite 203
Vacaville, California 95688

DOCUMENT TRANSFER TAX: 0
(Public Agency is grantee pursuant to R&T Sec. 11922)

Agent of Party determining Tax

EASEMENT AGREEMENT

PROJECT: Sweeney Creek Flood Control Channel
APN: 106-021-24

This Easement Agreement is ("Agreement") is entered into this 27th day of September, 2017, by and between **RAYMOND GODBEER** ("Owner"), and **SOLANO COUNTY WATER AGENCY**, ("Agency").

A. Owner is the owner of certain real property situated in Solano County, California, hereinafter referred to as the "Property", and more particularly described in Exhibit "A", which is attached to this Agreement and is incorporated herein by reference.

B. Agency desires to acquire certain rights in the Property.

GRANT OF EASEMENT

1. Grant. For good and valuable consideration, receipt of which is hereby acknowledged, Owner grants to Agency an easement in the Property, subject to and on the terms of this Agreement.

2. Easement in Gross. The easement granted herein is an easement in gross in favor the Agency.

3. Access Easement. Owner hereby grants to Agency a perpetual easement and right of ingress and egress over the Property for the purpose of obtaining access to the watercourse/flood control channel on the Property known as Sweeney Creek ("Creek"), for the purpose of, and in connection with, the work necessary to construct, improve, relocate, widen, deepen and/or straighten the Creek; and the operation, maintenance and inspection of the Creek and all works appurtenant thereto, including, but not limited to, the location, construction, and maintenance of roads, fencing and/or gates, and/or levees, and the removal of vegetation, except as specifically provided below; and, the flowage of water in, over, upon, and through the Creek; all for the purpose of flood control, flood protection improvements and water supply delivery ("Easement"). The

existing location of the Creek in relation to the Property is shown on the Map attached as Exhibit "B" to this Agreement.

4. No Public Access. By this grant Owner does not grant to the public any rights to access the Easement, and Agency hereby covenants that it will not grant any public access to the Property through the Easement.

5. Routine Activities. The Agency will perform inspections and maintenance work annually at some or all locations within Sweeney Creek from the Putah South Canal to the Sweeney Creek Unit of the Ulatis Project at Agency's discretion. While Agency shall accept and consider Owner's comments on planned work, such comment shall not in any way restrict the Agency's rights to perform the work identified, and permitted under this Agreement.

6. Restrictions on Use of Easement.

- a. Fencing/Gates. The Agency shall not install fencing or gates on the Property without the prior written permission of Owner.
- b. Roads. Agency shall not install paved or graveled roads on the Property without the prior written permission of Owner, but this provision shall in no way restrict Agency's access to the Property.
- c. Work Hours. No work will be performed pursuant to this Easement before seven (7) a.m., nor after seven (7) p.m. Emergency work is allowed without restriction. An emergency is defined as a situation where the Agency determines that without immediate completion of the work there is danger to property or persons.

7. Exclusive. The Easement is exclusive to the Agency. Notwithstanding the exclusive nature of the Easement, Owner specifically reserves the right to use that portion of the Property subject to the Easement provided such use does not unreasonably interfere with the Agency's use of the Easement.

8. Attorney's Fees. In the event of any controversy, claim, or dispute, relating to this Agreement or the breach thereof, the prevailing party shall be entitled to recover from the losing party reasonable expenses, attorney's fees and costs.

9. Waste, Nuisance or Unlawful Use. Agency agrees that it will not commit waste on the Property, nor maintain a nuisance thereon, nor use, or permit the Property to be used in an unlawful manner. Agency will obtain all state, federal and local permits required to perform maintenance and construction in the Easement.

10. Noninterference. Agency shall use the rights granted by this Easement with due regard to the rights of Owner, and shall not use the Easement in any way that

will impair the Property and reasonable use of the Property through which the rights are granted. Upon utilization of its right to access the Creek over the Property, Agency agrees to leave the Property and any roadways thereon in as reasonably good a condition as upon entering.

11. Indemnification.

a. **Agency Not Liable for Flood Damages.** The parties acknowledge that Agency is undertaking the work outlined in this Agreement in an attempt to reduce flooding of the Property. As an inducement to Agency to undertake such work, Owner understands and acknowledges that Agency is not, and shall not be liable to Owner for injuries to, or death of persons, or damage to, or destruction of property caused by flooding of the property.

b. **Agency to Indemnify Owner for Third Party Actions.** With regard to actions of third parties hired by Agency to undertake work on the Property within the Easement, to the fullest extent permitted by law, Agency shall indemnify, defend, protect and hold Owner harmless from and against any and all claims, demands, losses, proceedings, damages, causes of action, liabilities, costs or expenses (including, but not limited to, attorney's fees) arising out of or in connection with or caused in part by the negligence of Agency's agents, representatives, employees, servants, contractors, subcontractors, sub-subcontractors, suppliers, licensees, invitees or anyone directly or indirectly employed by any of them or anyone for whose acts they may be liable wheresoever the same may occur while working on the Property.

12. Existing Gates. Gates across the Easement, existing at the time of execution of this agreement, shall be allowed to remain providing they provide adequate access, as determined by the Agency, for movement of equipment to maintain the channel. If the gate does not provide adequate access, as determined by the Agency, Agency shall remove the gate and any fencing in the Easement to provide adequate access.

13. Entire Agreement. This Agreement constitutes the entire agreement between Owner and Agency relating to the Easement. Any prior agreement, promises, negotiations, or representations not expressly set forth in this Agreement is of no force and effect. Any amendment to this Agreement shall be of no force and effect unless it is in writing and signed by Owner and Agency.

14. Binding on Heirs. This Agreement shall be binding on and shall inure to the benefit of the heirs, executors, administrators, successors and assigns of Owner and Agency.

15. Notices. All notices, requests, demands, and other communications which either party may require or desire to serve on the other under this Agreement shall be in writing and shall be served (as an alternative to personal service) by registered or certified mail, with postage thereon fully prepaid, and addressed to the party so to be served, as follows:

AGENCY: SOLANO COUNTY WATER AGENCY
Attn: General Manager
810 Vaca Valley Parkway, Suite 203
Vacaville, California 95688

OWNER: RAYMOND GODBEER

4864 Cole Road
Vacaville, CA 95688

The parties may change their address for purposes of this paragraph by giving the other parties written notice of the new address in the manner set forth above. All notices and other communication shall be deemed communicated as of actual receipt or after the second day after deposit in the United States mail.

OWNER

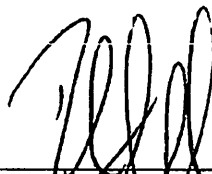
RAYMOND GODBEER

PARCEL: 106-021-24

By: 
Raymond Godbeer

AGENCY

SOLANO COUNTY WATER AGENCY

By: 
~~David B. O'Keefe~~ Roland Sanford
General Manager

ACKNOWLEDGMENTS

State of California)
County of SOLANO)

On Oct 4, 2013, before me, CHRISTINA PIMENTAL, Notary Public,
personally appeared RAFAEL GONZALEZ, personally known to
me, - OR - proved to me on the basis of satisfactory evidence to be the persons whose names are
subscribed to the within instrument and acknowledged to me that they executed the same in their
authorized capacities and that by their signatures on the instrument the persons or the entity upon
behalf of which the persons acted, executed the instrument.



WITNESS my hand and official seal.

CHRISTINA PIMENTAL, Notary Public

State of California)
County of _____)

On _____, 2013, before me, _____, Notary Public,
personally appeared _____, personally known
to me, - OR - proved to me on the basis of satisfactory evidence to be the persons whose names
are subscribed to the within instrument and acknowledged to me that they executed the same in
their authorized capacities and that by their signatures on the instrument the persons or the entity
upon behalf of which the persons acted, executed the instrument.

WITNESS my hand and official seal.

_____, Notary Public

CERTIFICATE OF ACKNOWLEDGEMENT OF NOTARY PUBLIC

State of California

County of Solano

This document was acknowledged on Oct 11, 2013 before me, **Christina Pimental, Notary Public**, personally appeared Rafaela Goddard [name(s) of principal],

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledgement to me that ~~he~~ she/they executed the same in ~~his~~ her/their authorized capacity (ies), and that by ~~his~~ her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed this instrument

I certify under PENALTY OF PERJURY under the laws of the State of California, that the foregoing is true and correct.

WITNESS my hand and official seal

(Signature of Notarial Officer)

Christina Pimental: Notary Public

PH: 707.430.1048

Commission expires: 03.23.2017

Commission Number: 2014193

(Seal)



Optional Information

Although the information in this section is not required by law, it could prevent fraudulent removal of attached acknowledgment to an unauthorized document and may prove useful to persons relying on the attached document.

Description of Attached Document

The preceding Certificate of Acknowledgement is attached to a document/for the purpose of EASEMENT AGREEMENT containing 5 pages, and dated 10.4.13

The Capacity Claimed by Signer or authority is/are as:

☒ Individual(s)

Attorney in Fact

Corporate officer(s)

1) _____

2) _____

(Title)

Guardian

Partner- Limited | General

Trustee

Other: _____

Representing: _____

Additional Information

Method of Signer Identification

Proved to me on the basis of satisfactory evidence.



Form(s) of identification



Credible witness

Notarial event detailed in notary Journal on:

Page# _____ Entry# _____

Notary contact: *Christina Pimental 707-430-1048*

Other



Additional signer(s)



Signer(s) Thumbprint(s)

LEGAL DESCRIPTION
for
SOLANO COUNTY WATER AGENCY

GODBEER PARCEL

An Easement for maintenance purposes over a portion of that real property situate in the County of Solano, State of California, and being a portion of projected Section 14, Township 7 North, Range 1 West, Mount Diablo Base and Meridian, in Rancho Los Putos Lot No. 38, also being a portion of Lot 55 of that certain map entitled "C. LOCKE-PADDON COLONY NO. 11", filed in the Solano County Recorder's Office on October 10, 1918, in Book 5 of Maps, at Page 21, more particularly described as follows:

BEGINNING at the Southeast corner of said Lot 55; thence, along the South line of said Lot 55, South 61°14'08" West 361.74 feet to the Southwest corner of said Lot 55; thence, along the West line of said Lot 55, North 00°04'08" East 42.27 feet; thence, leaving said West line, the following three (3) courses: (1) North 68°02'42" East 148.35 feet; (2) North 62°04'09" East 81.03 feet; and (3) North 57°02'54" East 128.60 feet to a point on the East line of said Lot 55; thence, along said East line, South 00°04'08" West 31.57 feet to the POINT OF BEGINNING.

Containing 8,798 square feet (0.202 acres) of land, more or less.

The Basis of Bearings for this description is the California Coordinate System of 1983, Zone 2. Distances shown hereon are ground. To obtain grid distances, multiply ground distances by 0.9999799145.

End of description.

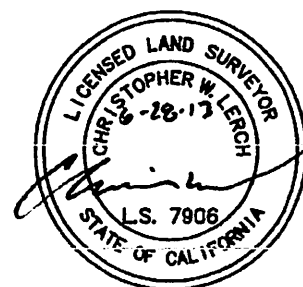



Christopher W. Lerch

6-28-13
Date

COLE ROAD

LINE TABLE		
LINE	BEARING	LENGTH
L1	S61°14'08"W	361.74
L2	N00°04'08"E	42.27
L3	N68°02'42"E	148.35
L4	N62°04'09"E	81.03
L5	N57°02'54"E	128.60
L6	S00°04'08"W	31.57



SCALE 1" = 100'

LANDS OF
RAYMOND GODBEER
APN 106-021-24
2005-00123722-00

LOT 54

LOT 55

5 MAPS 21

2 PM 9

PARCEL 1

L6

P.O.B.

LOT 53

LOT 46

LOT 45

SWEENEY CREEK

**SWEENEY CREEK
MAINTENANCE EASEMENT**
EXHIBIT TO ACCOMPANY DESCRIPTION
SOLANO COUNTY WATER AGENCY
A PORTION OF PROJECTED SECTION 14,
TOWNSHIP 7 NORTH, RANGE 1 WEST,
MOUNT DIABLO BASE AND MERIDIAN,
IN RANCHO LOS PUTOS LOT NO. 38.

LM

CIVIL ENGINEERING

LAND SURVEYING

PLANNING

LAUGENOUR AND MEIKLE

608 COURT STREET, WOODLAND, CA 95695

PHONE: (530) 662-1755

FAX: (530) 662-4602

SOLANO COUNTY, CALIFORNIA
SHEET 1 OF 1
JUNE 28, 2013

42344-3

CALIFORNIA CERTIFICATE OF ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)

County of Solano)

On 9/27/17 before me, Katherine Ashley,
(here insert name and title of the officer)

personally appeared Roland Sanford

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Katherine Ashley



(Seal)

Optional Information

Although the information in this section is not required by law, it could prevent fraudulent removal and reattachment of this acknowledgment to an unauthorized document and may prove useful to persons relying on the attached document.

Description of Attached Document

The preceding Certificate of Acknowledgment is attached to a document titled/for the purpose of Easement Agreement for
APN: 106-021-24

containing 9 pages, and dated _____

The signer(s) capacity or authority is/are as:

- ☐ Individual(s)
☐ Attorney-in-Fact
☐ Corporate Officer(s) _____
Title(s)

- ☐ Guardian/Conservator
☐ Partner - Limited/General
☐ Trustee(s)
☐ Other: _____

representing: _____
Name(s) of Person(s) or Entity(ies) Signer Is Representing

Additional Information

Method of Signer Identification

Proved to me on the basis of satisfactory evidence:

- ☐ form(s) of identification ☐ credible witness(es)

Notarial event is detailed in notary journal on:

Page # _____ Entry # _____

Notary contact: _____

Other

- ☐ Additional Signer(s) ☐ Signer(s) Thumbprint(s)
☐

No Recording Fee Per G.C. 6103

Recording Requested by and
When Recorded Mail To:

Solano County Water Agency
810 Vaca Valley Parkway, Suite 203
Vacaville, California 95688

DOCUMENT TRANSFER TAX: 0
(Public Agency is grantee pursuant to R&T Sec. 11922)

Agent of Party determining Tax

EASEMENT AGREEMENT

PROJECT: Sweeney Creek Flood Control Channel
APN: 106-021-200

This Easement Agreement is ("Agreement") is entered into this 27th day of September, 2017, by and between **EDWARD AND TRICIA KIEBEL** ("Owner"), and **SOLANO COUNTY WATER AGENCY**, ("Agency").

A. Owner is the owner of certain real property situated in Solano County, California, hereinafter referred to as the "Property", and more particularly described in Exhibit "A", which is attached to this Agreement and is incorporated herein by reference.

B. Agency desires to acquire certain rights in the Property.

GRANT OF EASEMENT

1. Grant. For good and valuable consideration, receipt of which is hereby acknowledged, Owner grants to Agency an easement in the Property, subject to and on the terms of this Agreement.

2. Easement in Gross. The easement granted herein is an easement in gross in favor the Agency.

3. Access Easement. Owner hereby grants to Agency a perpetual easement and right of ingress and egress over the Property for the purpose of obtaining access to the watercourse/flood control channel on the Property known as Sweeney Creek ("Creek"), for the purpose of, and in connection with, the work necessary to construct, improve, relocate, widen, deepen and/or straighten the Creek; and the operation, maintenance and inspection of the Creek and all works appurtenant thereto, including, but not limited to, the location, construction, and maintenance of roads, fencing and/or gates, and/or levees, and the removal of vegetation, except as specifically provided below; and, the flowage of water in, over, upon, and through the Creek; all for the purpose of flood control, flood protection improvements and water supply delivery ("Easement"). The

existing location of the Creek in relation to the Property is shown on the Map attached as Exhibit "B" to this Agreement.

4. No Public Access. By this grant Owner does not grant to the public any rights to access the Easement, and Agency hereby covenants that it will not grant any public access to the Property through the Easement.

5. Routine Activities. The Agency will perform inspections and maintenance work annually at some or all locations within Sweeney Creek from the Putah South Canal to the Sweeney Creek Unit of the Ulati Project at Agency's discretion. While Agency shall accept and consider Owner's comments on planned work, such comment shall not in any way restrict the Agency's rights to perform the work identified, and permitted under this Agreement.

6. Restrictions on Use of Easement.

a. Fencing/Gates. The Agency shall not install fencing or gates on the Property without the prior written permission of Owner.

b. Roads. Agency shall not install paved or graveled roads on the Property without the prior written permission of Owner, but this provision shall in no way restrict Agency's access to the Property.

c. Work Hours. No work will be performed pursuant to this Easement before seven (7) a.m., nor after seven (7) p.m. Emergency work is allowed without restriction. An emergency is defined as a situation where the Agency determines that without immediate completion of the work there is danger to property or persons.

7. Exclusive. The Easement is exclusive to the Agency. Notwithstanding the exclusive nature of the Easement, Owner specifically reserves the right to use that portion of the Property subject to the Easement provided such use does not unreasonably interfere with the Agency's use of the Easement.

8. Attorney's Fees. In the event of any controversy, claim, or dispute, relating to this Agreement or the breach thereof, the prevailing party shall be entitled to recover from the losing party reasonable expenses, attorney's fees and costs.

9. Waste, Nuisance or Unlawful Use. Agency agrees that it will not commit waste on the Property, nor maintain a nuisance thereon, nor use, or permit the Property to be used in an unlawful manner. Agency will obtain all state, federal and local permits required to perform maintenance and construction in the Easement.

10. Noninterference. Agency shall use the rights granted by this Easement with due regard to the rights of Owner, and shall not use the Easement in any way that will impair the Property and reasonable use of the Property through which the rights are

granted. Upon utilization of its right to access the Creek over the Property, Agency agrees to leave the Property and any roadways thereon in as reasonably good a condition as upon entering.

11. Indemnification.

a. **Agency Not Liable for Flood Damages.** The parties acknowledge that Agency is undertaking the work outlined in this Agreement in an attempt to reduce flooding of the Property. As an inducement to Agency to undertake such work, Owner understands and acknowledges that Agency is not, and shall not be liable to Owner for injuries to, or death of persons, or damage to, or destruction of property caused by flooding of the property.

b. **Agency to Indemnify Owner for Third Party Actions.** With regard to actions of third parties hired by Agency to undertake work on the Property within the Easement, to the fullest extent permitted by law, Agency shall indemnify, defend, protect and hold Owner harmless from and against any and all claims, demands, losses, proceedings, damages, causes of action, liabilities, costs or expenses (including, but not limited to, attorney's fees) arising out of or in connection with or caused in part by the negligence of Agency's agents, representatives, employees, servants, contractors, subcontractors, sub-subcontractors, suppliers, licensees, invitees or anyone directly or indirectly employed by any of them or anyone for whose acts they may be liable wheresoever the same may occur while working on the Property.

12. Existing Gates. Gates across the Easement, existing at the time of execution of this agreement, shall be allowed to remain providing they provide adequate access, as determined by the Agency, for movement of equipment to maintain the channel. If the gate does not provide adequate access, as determined by the Agency, Agency shall remove the gate and any fencing in the Easement to provide adequate access.

13. Entire Agreement. This Agreement constitutes the entire agreement between Owner and Agency relating to the Easement. Any prior agreement, promises, negotiations, or representations not expressly set forth in this Agreement is of no force and effect. Any amendment to this Agreement shall be of no force and effect unless it is in writing and signed by Owner and Agency.

14. Binding on Heirs. This Agreement shall be binding on and shall inure to the benefit of the heirs, executors, administrators, successors and assigns of Owner and Agency.

15. Notices. All notices, requests, demands, and other communications which either party may require or desire to serve on the other under this Agreement shall be in writing and shall be served (as an alternative to personal service) by registered or certified mail, with postage thereon fully prepaid, and addressed to the party so to be served, as follows:

AGENCY: SOLANO COUNTY WATER AGENCY

Attn: General Manager
810 Vaca Valley Parkway, Suite 203
Vacaville, California 95688

OWNER: EDWARD AND TRICIA KIEBEL

7844 North Locke Road
Vacaville, California 95688

The parties may change their address for purposes of this paragraph by giving the other parties written notice of the new address in the manner set forth above. All notices and other communication shall be deemed communicated as of actual receipt or after the second day after deposit in the United States mail.

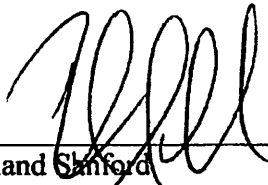
OWNER

AGENCY

EDWARD KIEBEL AND
TRICIA KIEBEL
PARCEL: 106-021-200

SOLANO COUNTY WATER AGENCY

By: 
Edward Kiebel

By: 
Roland Sanford
General Manager


Tricia Kiebel

ACKNOWLEDGMENTS

State of California)
County of Solano)

On August 24, 2017, before me, N. Dang, Notary Public,
personally appeared Edward Kiebel, personally known to
me, - OR - proved to me on the basis of satisfactory evidence to be the persons whose names are
subscribed to the within instrument and acknowledged to me that they executed the same in their
authorized capacities and that by their signatures on the instrument the persons or the entity upon
behalf of which the persons acted, executed the instrument.

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California County of Solano) ss.
On 8/24/17 before me, N. Dang, Notary Public,
personally appeared Edward Kiebel,
who proved to me on the basis of satisfactory evidence to be the person(s) whose
name(s) are subscribed to the within instrument and acknowledged to me that
he/she/they executed the same in his/her/their authorized capacity(ies), and that by
his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of
which the person(s) acted, executed the instrument. I certify under PENALTY OF
PERJURY under the laws of the State of California that the foregoing paragraph is true
and correct. WITNESS my hand and official seal.

WITNESS my hand and official seal.

[Signature]

N. Dang, Notary Public

State of California)
County of Solano) [Signature]

N. DANG
NOTARY PUBLIC - CALIFORNIA
COMMISSION # 2087225
SOLANO COUNTY
My Comm. Exp. October 23, 2018

On August 24, 2017, before me, N. Dang, Notary Public,
personally appeared Tricia Kiebel, personally known
to me, - OR - proved to me on the basis of satisfactory evidence to be the persons whose names
are subscribed to the within instrument and acknowledged to me that they executed the same in
their authorized capacities and that by their signatures on the instrument the persons or the entity
upon behalf of which the persons acted, executed the instrument.

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California County of Solano) ss.
On 8/24/17 before me, N. Dang, Notary Public,
personally appeared Tricia Kiebel,
who proved to me on the basis of satisfactory evidence to be the person(s) whose
name(s) are subscribed to the within instrument and acknowledged to me that
he/she/they executed the same in his/her/their authorized capacity(ies), and that by
his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of
which the person(s) acted, executed the instrument. I certify under PENALTY OF
PERJURY under the laws of the State of California that the foregoing paragraph is true
and correct. WITNESS my hand and official seal.

WITNESS my hand and official seal.

[Signature]

N. Dang, Notary Public

N. DANG
NOTARY PUBLIC - CALIFORNIA
COMMISSION # 2087225
SOLANO COUNTY
My Comm. Exp. October 23, 2018

CALIFORNIA ALL- PURPOSE CERTIFICATE OF ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California }

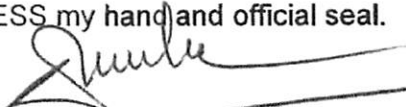
County of Solano }

On August 24, 2017 before me, N. Dang, Notary Public
(Here insert name and title of the officer)

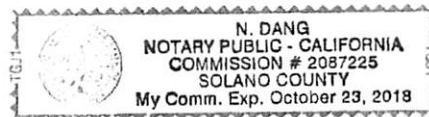
personally appeared Edward Kiebel and Tricia Kiebel ----,
who proved to me on the basis of satisfactory evidence to be the person(s) whose
name(s) is/are subscribed to the within instrument and acknowledged to me that
he/she/they executed the same in his/her/their authorized capacity(ies), and that by
his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of
which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that
the foregoing paragraph is true and correct.

WITNESS my hand and official seal.


Notary Public Signature

(Notary Public Seal)



ADDITIONAL OPTIONAL INFORMATION

DESCRIPTION OF THE ATTACHED DOCUMENT

Easement Agreement -----

(Title or description of attached document)

APN: 106-021-200 -----

(Title or description of attached document continued)

Number of Pages 16 Document Date 8/24/17

CAPACITY CLAIMED BY THE SIGNER

- ☐ Individual (s)
☐ Corporate Officer

(Title)

- ☐ Partner(s)
☐ Attorney-in-Fact
☐ Trustee(s)
☐ Other _____

INSTRUCTIONS FOR COMPLETING THIS FORM

This form complies with current California statutes regarding notary wording and, if needed, should be completed and attached to the document. Acknowledgments from other states may be completed for documents being sent to that state so long as the wording does not require the California notary to violate California notary law.

- State and County information must be the State and County where the document signer(s) personally appeared before the notary public for acknowledgment.
- Date of notarization must be the date that the signer(s) personally appeared which must also be the same date the acknowledgment is completed.
- The notary public must print his or her name as it appears within his or her commission followed by a comma and then your title (notary public).
- Print the name(s) of document signer(s) who personally appear at the time of notarization.
- Indicate the correct singular or plural forms by crossing off incorrect forms (i.e. he/she/they- is /are) or circling the correct forms. Failure to correctly indicate this information may lead to rejection of document recording.
- The notary seal impression must be clear and photographically reproducible. Impression must not cover text or lines. If seal impression smudges, re-seal if a sufficient area permits, otherwise complete a different acknowledgment form.
- Signature of the notary public must match the signature on file with the office of the county clerk.
 - ❖ Additional information is not required but could help to ensure this acknowledgment is not misused or attached to a different document.
 - ❖ Indicate title or type of attached document, number of pages and date.
 - ❖ Indicate the capacity claimed by the signer. If the claimed capacity is a corporate officer, indicate the title (i.e. CEO, CFO, Secretary).
- Securely attach this document to the signed document with a staple.

CALIFORNIA CERTIFICATE OF ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)

County of Solano)

On 9/27/12 before me, Katherine Ashley
(here insert name and title of the officer)

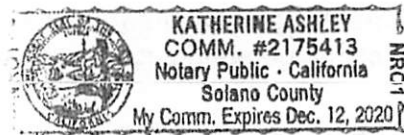
personally appeared Roland Sanford

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Katherine Ashley



(Seal)

Optional Information

Although the information in this section is not required by law, it could prevent fraudulent removal and reattachment of this acknowledgment to an unauthorized document and may prove useful to persons relying on the attached document.

Description of Attached Document

The preceding Certificate of Acknowledgment is attached to a document

titled/for the purpose of Easement Agreement

Apr: 100-021-200

containing 16 pages, and dated _____

The signer(s) capacity or authority is/are as:

- ☐ Individual(s)
☐ Attorney-in-Fact
☐ Corporate Officer(s)

- ☐ Guardian/Conservator
☐ Partner - Limited/General
☐ Trustee(s)
☐ Other:

representing:

Name(s) of Person(s) or Entity(ies) Signer is Representing

Additional Information

Method of Signer Identification

Proved to me on the basis of satisfactory evidence:

- ☐ form(s) of identification ☐ credible witness(es)

Notarial event is detailed in notary journal on:

Page # _____ Entry # _____

Notary contact: _____

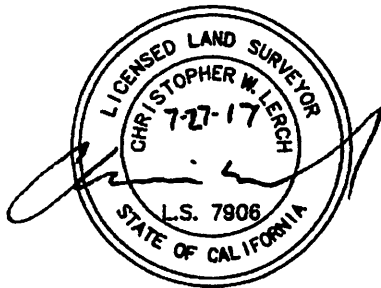
Other

- ☐ Additional Signer(s) ☐ Signer(s) Thumbprint(s)
☐

LINE TABLE		
LINE	BEARING	LENGTH
L1	N64°15'52"W	80.14
L2	S77°55'53"W	79.91
L3	N00°04'08"E	20.13
L4	N79°16'07"E	46.46
L5	N75°12'28"E	65.87
L6	N59°02'00"E	23.89
L7	N15°56'55"E	45.95
L8	N16°34'15"W	95.75
L9	N06°51'31"W	42.96
L10	N10°25'15"W	50.10
L11	N02°46'46"E	56.51
L12	N13°29'51"E	33.17
L13	N25°18'15"E	43.91
L14	N46°50'02"E	54.09
L15	N58°37'37"E	23.14
L16	N75°21'37"E	65.64
L17	S89°02'07"E	62.55
L18	S69°34'14"E	4.16
L19	S00°04'08"W	87.84



SCALE 1" = 100'



LM

CIVIL ENGINEERING

LAND SURVEYING

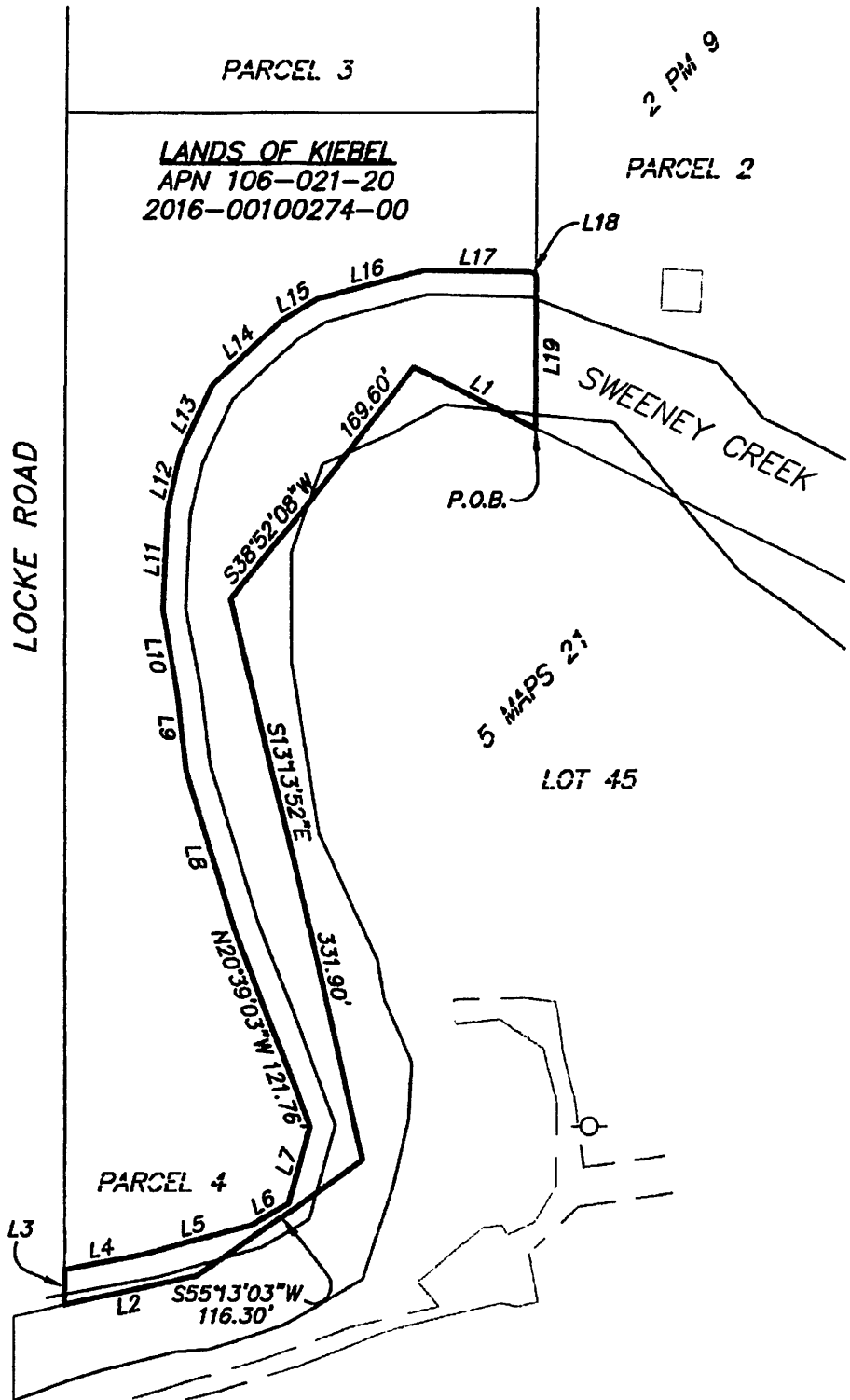
PLANNING

LAUGENOUR AND MEIKLE

808 COURT STREET, WOODLAND, CA 95695

PHONE: (530) 662-1755

FAX: (530) 662-4602



**SWEENEY CREEK
MAINTENANCE EASEMENT**
EXHIBIT TO ACCOMPANY DESCRIPTION
SOLANO COUNTY WATER AGENCY
A PORTION OF PROJECTED SECTION 14,
TOWNSHIP 7 NORTH, RANGE 1 WEST,
MOUNT DIABLO BASE AND MERIDIAN,
IN RANCHO LOS PUTOS LOT NO. 38.

SOLANO COUNTY, CALIFORNIA
SHEET 1 OF 1
JULY 27, 2017

**LEGAL DESCRIPTION
for
SOLANO COUNTY WATER AGENCY**

KIEBEL PARCEL

An Easement for maintenance purposes over a portion of that real property situate in the County of Solano, State of California, and being a portion of projected Section 14, Township 7 North, Range 1 West, Mount Diablo Base and Meridian, in Rancho Los Puntos Lot No. 38, also being a portion of that parcel of land described in Document No. 2004-000143753-00, Solano County Records, more particularly described as follows:

BEGINNING at the Southeast corner of Parcel 4 as shown on that Parcel Map filed in the Solano County Recorder's Office on July 27, 1967, in Book 2 of Parcel Maps, at Page 9; thence, along the South line of said Parcel 4 the following five (5) courses: (1) North 64°15'52" West 80.14 feet; (2) South 38°52'08" West 169.60 feet; (3) South 13°13'52" East 331.90 feet; (4) South 55°13'03" West 116.30 feet; and (5) South 77°55'53" West 79.91 feet to the Southwest corner of said Parcel 4; thence, along the West line of said Parcel 4, North 00°04'08" East 20.13 feet; thence, leaving said West line, North 79°16'07" East 46.46 feet; thence North 75°12'28" East 65.87 feet; thence North 59°02'00" East 23.89 feet; thence North 15°56'55" East 45.95 feet; thence North 20°39'03" West 121.76 feet; thence North 16°34'15" West 95.75 feet; North 06°51'31" West 42.96 feet; thence North 10°25'15" West 50.10 feet; thence North 02°46'46" East 56.51 feet; thence North 13°29'51" East 33.17 feet; thence North 25°18'15" East 43.91 feet; thence North 46°50'02" East 54.09 feet; thence North 58°37'37" East 23.14 feet; thence North 75°21'37" East 65.64 feet; thence South 89°02'07" East 62.55 feet; thence South 69°34'14" East 4.16 feet to a point on the East line of said Parcel 4; thence, along said East line, South 00°04'08" West 87.84 feet to the POINT OF BEGINNING.

Containing 35,544 square feet (0.816± acres) of land, more or less.

The Basis of Bearings for this description is the California Coordinate System of 1983, Zone 2. Distances shown hereon are ground. To obtain grid distances, multiply ground distances by 0.9999799145.



End of description.


Christopher W. Lerch 7-27-17
Date

No Recording Fee Per G.C. 6103
Recording Requested by and
When Recorded Mail To:

Solano County Water Agency
810 Vaca Valley Parkway, Suite 203
Vacaville, California 95688

RECEIVED
SEP 18 2017

SOLANO COUNTY WATER AGENCY

DOCUMENT TRANSFER TAX: 0
(Public Agency is grantee pursuant to R&T Sec. 11922)

Agent of Party determining Tax

EASEMENT AGREEMENT

PROJECT: Sweeney Creek Flood Control Channel
APN: 106-021-290

This Easement Agreement is ("Agreement") is entered into this 10th day of day, 2017, by and between **SAMUAL W. CARROLL** ("Owner"), and **SOLANO COUNTY WATER AGENCY**, ("Agency").

A. Owner is the owner of certain real property situated in Solano County, California, hereinafter referred to as the "Property", and more particularly described in Exhibit "A", which is attached to this Agreement and is incorporated herein by reference.

B. Agency desires to acquire certain rights in the Property.

GRANT OF EASEMENT

1. Grant. For good and valuable consideration, receipt of which is hereby acknowledged, Owner grants to Agency an easement in the Property, subject to and on the terms of this Agreement.

2. Easement in Gross. The easement granted herein is an easement in gross in favor the Agency.

3. Access Easement. Owner hereby grants to Agency a perpetual easement and right of ingress and egress over the Property for the purpose of obtaining access to the watercourse/flood control channel on the Property known as Sweeney Creek ("Creek"), for the purpose of, and in connection with, the work necessary to construct, improve, relocate, widen, deepen and/or straighten the Creek; and the operation, maintenance and inspection of the Creek and all works appurtenant thereto, including, but not limited to, the location, construction, and maintenance of roads, fencing and/or gates, and/or levees, and the removal of vegetation, except as specifically provided below; and, the flowage of water in, over, upon, and through the Creek; all for the purpose of flood control, flood protection improvements and water supply delivery ("Easement"). The

existing location of the Creek in relation to the Property is shown on the Map attached as Exhibit "B" to this Agreement.

4. No Public Access. By this grant Owner does not grant to the public any rights to access the Easement, and Agency hereby covenants that it will not grant any public access to the Property through the Easement.

5. Routine Activities. The Agency will perform inspections and maintenance work annually at some or all locations within Sweeney Creek from the Putah South Canal to the Sweeney Creek Unit of the Ulatis Project at Agency's discretion. While Agency shall accept and consider Owner's comments on planned work, such comment shall not in any way restrict the Agency's rights to perform the work identified, and permitted under this Agreement.

6. Restrictions on Use of Easement.

a. **Fencing/Gates.** The Agency shall not install fencing or gates on the Property without the prior written permission of Owner.

b. **Roads.** Agency shall not install paved or graveled roads on the Property without the prior written permission of Owner, but this provision shall in no way restrict Agency's access to the Property.

c. **Work Hours.** No work will be performed pursuant to this Easement before seven (7) a.m., nor after seven (7) p.m. Emergency work is allowed without restriction. An emergency is defined as a situation where the Agency determines that without immediate completion of the work there is danger to property or persons.

7. Exclusive. The Easement is exclusive to the Agency. Notwithstanding the exclusive nature of the Easement, Owner specifically reserves the right to use that portion of the Property subject to the Easement provided such use does not unreasonably interfere with the Agency's use of the Easement.

8. Attorney's Fees. In the event of any controversy, claim, or dispute, relating to this Agreement or the breach thereof, the prevailing party shall be entitled to recover from the losing party reasonable expenses, attorney's fees and costs.

9. Waste, Nuisance or Unlawful Use. Agency agrees that it will not commit waste on the Property, nor maintain a nuisance thereon, nor use, or permit the Property to be used in an unlawful manner. Agency will obtain all state, federal and local permits required to perform maintenance and construction in the Easement.

10. Noninterference. Agency shall use the rights granted by this Easement with due regard to the rights of Owner, and shall not use the Easement in any way that will impair the Property and reasonable use of the Property through which the rights are

granted. Upon utilization of its right to access the Creek over the Property, Agency agrees to leave the Property and any roadways thereon in as reasonably good a condition as upon entering.

11. Indemnification.

a. **Agency Not Liable for Flood Damages.** The parties acknowledge that Agency is undertaking the work outlined in this Agreement in an attempt to reduce flooding of the Property. As an inducement to Agency to undertake such work, Owner understands and acknowledges that Agency is not, and shall not be liable to Owner for injuries to, or death of persons, or damage to, or destruction of property caused by flooding of the property.

b. **Agency to Indemnify Owner for Third Party Actions.** With regard to actions of third parties hired by Agency to undertake work on the Property within the Easement, to the fullest extent permitted by law, Agency shall indemnify, defend, protect and hold Owner harmless from and against any and all claims, demands, losses, proceedings, damages, causes of action, liabilities, costs or expenses (including, but not limited to, attorney's fees) arising out of or in connection with or caused in part by the negligence of Agency's agents, representatives, employees, servants, contractors, subcontractors, sub-subcontractors, suppliers, licensees, invitees or anyone directly or indirectly employed by any of them or anyone for whose acts they may be liable wheresoever the same may occur while working on the Property.

12. Existing Gates. Gates across the Easement, existing at the time of execution of this agreement, shall be allowed to remain providing they provide adequate access, as determined by the Agency, for movement of equipment to maintain the channel. If the gate does not provide adequate access, as determined by the Agency, Agency shall remove the gate and any fencing in the Easement to provide adequate access.

13. Entire Agreement. This Agreement constitutes the entire agreement between Owner and Agency relating to the Easement. Any prior agreement, promises, negotiations, or representations not expressly set forth in this Agreement is of no force and effect. Any amendment to this Agreement shall be of no force and effect unless it is in writing and signed by Owner and Agency.

14. Binding on Heirs. This Agreement shall be binding on and shall inure to the benefit of the heirs, executors, administrators, successors and assigns of Owner and Agency.

15. Notices. All notices, requests, demands, and other communications which either party may require or desire to serve on the other under this Agreement shall be in writing and shall be served (as an alternative to personal service) by registered or certified mail, with postage thereon fully prepaid, and addressed to the party so to be served, as follows:

AGENCY: SOLANO COUNTY WATER AGENCY

Attn: General Manager
810 Vaca Valley Parkway, Suite 203
Vacaville, California 95688

OWNER: SAMUAL W. CARROLL

4853 Store Road
Vacaville, California 95688

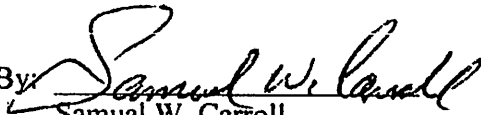
The parties may change their address for purposes of this paragraph by giving the other parties written notice of the new address in the manner set forth above. All notices and other communication shall be deemed communicated as of actual receipt or after the second day after deposit in the United States mail.

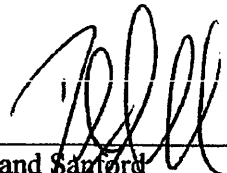
OWNER

AGENCY

SAMUAL W. CARROLL
PARCEL: 106-021-290

SOLANO COUNTY WATER AGENCY

By: 
Samual W. Carroll

By: 
Roland Sanford
General Manager

ACKNOWLEDGMENTS

State of California)
County of _____)

On _____, 2017, before me, _____, Notary Public,
personally appeared _____, personally known to
me, - OR - proved to me on the basis of satisfactory evidence to be the persons whose names are
subscribed to the within instrument and acknowledged to me that they executed the same in their
authorized capacities and that by their signatures on the instrument the persons or the entity upon
behalf of which the persons acted, executed the instrument.

WITNESS my hand and official seal.

**ATTACHED
NOTARY CERTIFICATE**

_____, Notary Public

State of California)
County of _____)

On _____, 2017, before me, _____, Notary Public,
personally appeared _____, personally known
to me, - OR - proved to me on the basis of satisfactory evidence to be the persons whose names
are subscribed to the within instrument and acknowledged to me that they executed the same in
their authorized capacities and that by their signatures on the instrument the persons or the entity
upon behalf of which the persons acted, executed the instrument.

WITNESS my hand and official seal.

_____, Notary Public

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**CIVIL CODE § 1189**

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)

County of Solano)

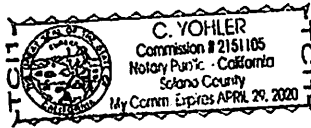
On September 13, 2017 before me, C. Yohler Notary Public.
Date Here Insert Name and Title of the Officer

Personally appeared Samuel W. Carroll
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature

C. Yohler
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached DocumentTitle or Type of Document: Easement AgreementDocument Date: September 13, 2017 Number of Pages: 1

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

☐ Corporate Officer - Title(s): _____☐ Partner ☐ Limited ☐ General☐ Individual ☐ Attorney in Fact☐ Trustee ☐ Guardian or Conservator☐ Other _____

Signer is representing: _____

Signer's Name: _____

☐ Corporate Officer Title(s): _____☐ Partner ☐ Limited ☐ General☐ Individual ☐ Attorney in Fact☐ Trustee ☐ Guardian or Conservator☐ Other _____

Signer is representing: _____

CALIFORNIA CERTIFICATE OF ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)

County of Solano)

On 9/27/17 before me, Katherine Ashley,
(here insert name and title of the officer)

personally appeared Roland Sanford

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Katherine Ashley



(Seal)

Optional Information

Although the information in this section is not required by law, it could prevent fraudulent removal and reattachment of this acknowledgment to an unauthorized document and may prove useful to persons relying on the attached document.

Description of Attached Document

The preceding Certificate of Acknowledgment is attached to a document

titled/for the purpose of Easement Agreement

APN: 104-021-290

containing 7 pages, and dated 9/13/2017

The signer(s) capacity or authority is/are as:

- ☐ Individual(s)
☐ Attorney-in-Fact
☐ Corporate Officer(s)

- ☐ Guardian/Conservator
☐ Partner - Limited/General
☐ Trustee(s)
☐ Other:

representing:

Name(s) of Person(s) or Entity(ies) Signer is Representing

Additional Information

Method of Signer Identification

Proved to me on the basis of satisfactory evidence:

- ☐ form(s) of identification ☐ credible witness(es)

Notarial event is detailed in notary journal on:

Page # Entry #

Notary contact:

Other

- ☐ Additional Signer(s) ☐ Signer(s) Thumbprint(s)

☐

No Recording Fee Per G.C. 6103
Recording Requested by and
When Recorded Mail To:

Solano County Water Agency
810 Vaca Valley Parkway, Suite 203
Vacaville, California 95688

DOCUMENT TRANSFER TAX: 0
(Public Agency is grantee pursuant to R&T Sec. 11922)

Agent of Party determining Tax

EASEMENT AGREEMENT

PROJECT: Sweeney Creek Flood Control Channel
APN: 106-021-19

This Easement Agreement is ("Agreement") is entered into this 27th day of September, 2017, by and between **JOHN AND TANYA TUCK**, ("Owner"), and **SOLANO COUNTY WATER AGENCY**, ("Agency").

A. Owner is the owner of certain real property situated in Solano County, California, hereinafter referred to as the "Property", and more particularly described in Exhibits "A1 and A2", which is attached to this Agreement and is incorporated herein by reference.

B. Agency desires to acquire certain rights in the Property.

GRANT OF EASEMENT

1. Grant. For good and valuable consideration, receipt of which is hereby acknowledged, Owner grants to Agency an easement in the Property, subject to and on the terms of this Agreement.

2. Easement in Gross. The easement granted herein is an easement in gross in favor the Agency.

3. Access Easement. Owner hereby grants to Agency a perpetual easement and right of ingress and egress over the Property for the purpose of obtaining access to the watercourse/flood control channel on the Property known as Sweeney Creek ("Creek"), for the purpose of, and in connection with, the work necessary to construct, improve, relocate, widen, deepen and/or straighten the Creek; and the operation, maintenance and inspection of the Creek and all works appurtenant thereto, including, but not limited to, the location, construction, and maintenance of roads, fencing and/or gates, and/or levees, and the removal of vegetation, except as specifically provided below; and,

the flowage of water in, over, upon, and through the Creek; all for the purpose of flood control, flood protection improvements and water supply delivery ("Easement"). The existing location of the Creek in relation to the Property is shown on the Map attached as Exhibits "B1 and B2" to this Agreement.

4. No Public Access. By this grant Owner does not grant to the public any rights to access the Easement, and Agency hereby covenants that it will not grant any public access to the Property through the Easement.

5. Routine Activities. The Agency will perform inspections and maintenance work annually at some or all locations within Sweeney Creek from the Putah South Canal to the Sweeney Creek Unit of the Ulatis Project at Agency's discretion. While Agency shall accept and consider Owner's comments on planned work, such comment shall not in any way restrict the Agency's rights to perform the work identified, and permitted under this Agreement.

6. Restrictions on Use of Easement.

- a. **Fencing/Gates.** The Agency shall not install fencing or gates on the Property without the prior written permission of Owner.
- b. **Roads.** Agency shall not install paved or graveled roads on the Property without the prior written permission of Owner, but this provision shall in no way restrict Agency's access to the Property.
- c. **Work Hours.** No work will be performed pursuant to this Easement before seven (7) a.m., nor after seven (7) p.m. Emergency work is allowed without restriction. An emergency is defined as a situation where the Agency determines that without immediate completion of the work there is danger to property or persons.

7. Exclusive. The Easement is exclusive to the Agency. Notwithstanding the exclusive nature of the Easement, Owner specifically reserves the right to use that portion of the Property subject to the Easement provided such use does not unreasonably interfere with the Agency's use of the Easement.

8. Attorney's Fees. In the event of any controversy, claim, or dispute, relating to this Agreement or the breach thereof, the prevailing party shall be entitled to recover from the losing party reasonable expenses, attorney's fees and costs.

9. Waste, Nuisance or Unlawful Use. Agency agrees that it will not commit waste on the Property, nor maintain a nuisance thereon, nor use, or permit the Property to be used in an unlawful manner. Agency will obtain all state, federal and local permits required to perform maintenance and construction in the Easement.

10. Noninterference. Agency shall use the rights granted by this Easement with due regard to the rights of Owner, and shall not use the Easement in any way that will impair the Property and reasonable use of the Property through which the rights are granted. Upon utilization of its right to access the Creek over the Property, Agency agrees to leave the Property and any roadways thereon in as reasonably good a condition as upon entering.

11. Indemnification.

a. **Agency Not Liable for Flood Damages.** The parties acknowledge that Agency is undertaking the work outlined in this Agreement in an attempt to reduce flooding of the Property. As an inducement to Agency to undertake such work, Owner understands and acknowledges that Agency is not, and shall not be liable to Owner for injuries to, or death of persons, or damage to, or destruction of property caused by flooding of the property.

b. **Agency to Indemnify Owner for Third Party Actions.** With regard to actions of third parties hired by Agency to undertake work on the Property within the Easement, to the fullest extent permitted by law, Agency shall indemnify, defend, protect and hold Owner harmless from and against any and all claims, demands, losses, proceedings, damages, causes of action, liabilities, costs or expenses (including, but not limited to, attorney's fees) arising out of or in connection with or caused in part by the negligence of Agency's agents, representatives, employees, servants, contractors, subcontractors, sub-subcontractors, suppliers, licensees, invitees or anyone directly or indirectly employed by any of them or anyone for whose acts they may be liable wheresoever the same may occur while working on the Property.

12. Existing Gates. Gates across the Easement, existing at the time of execution of this agreement, shall be allowed to remain providing they provide adequate access, as determined by the Agency, for movement of equipment to maintain the channel. If the gate does not provide adequate access, as determined by the Agency, Agency shall remove the gate and any fencing in the Easement to provide adequate access.

13. Entire Agreement. This Agreement constitutes the entire agreement between Owner and Agency relating to the Easement. Any prior agreement, promises, negotiations, or representations not expressly set forth in this Agreement is of no force and effect. Any amendment to this Agreement shall be of no force and effect unless it is in writing and signed by Owner and Agency.

14. Binding on Heirs. This Agreement shall be binding on and shall inure to the benefit of the heirs, executors, administrators, successors and assigns of Owner and Agency.

15. Notices. All notices, requests, demands, and other communications which either party may require or desire to serve on the other under this Agreement shall be in

writing and shall be served (as an alternative to personal service) by registered or certified mail, with postage thereon fully prepaid, and addressed to the party so to be served, as follows:

AGENCY: SOLANO COUNTY WATER AGENCY
Attn: General Manager
810 Vaca Valley Parkway, Suite 203
Vacaville, California 95688

OWNER: JOHN AND TANYA TUCK

7838 Locke Road
Vacaville, California 95688

The parties may change their address for purposes of this paragraph by giving the other parties written notice of the new address in the manner set forth above. All notices and other communication shall be deemed communicated as of actual receipt or after the second day after deposit in the United States mail.

OWNER


AGENCY

JOHN AND TANYA TUCK


SOLANO COUNTY WATER AGENCY

PARCEL: 106-021-19

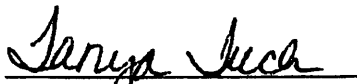
By:


John Tuck

By:


~~David E. Olita~~ Roland Sanford
General Manager

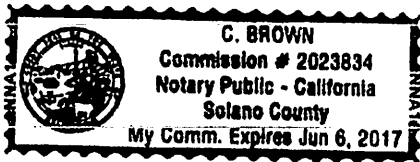
By:


Tanya Tuck

ACKNOWLEDGMENTS

State of California)
County of Solano)

On 2/27/, 2014, before me, CBrown, Notary Public,
personally appeared John Tuck and Tanya Tuck, personally known to
me, - OR - proved to me on the basis of satisfactory evidence to be the persons whose names are
subscribed to the within instrument and acknowledged to me that they executed the same in their
authorized capacities and that by their signatures on the instrument the persons or the entity upon
behalf of which the persons acted, executed the instrument.



WITNESS my hand and official seal.

CBrown, Notary Public

State of California)
County of _____)

On _____, 2014, before me, _____, Notary Public,
personally appeared _____, personally known
to me, - OR - proved to me on the basis of satisfactory evidence to be the persons whose names
are subscribed to the within instrument and acknowledged to me that they executed the same in
their authorized capacities and that by their signatures on the instrument the persons or the entity
upon behalf of which the persons acted, executed the instrument.

WITNESS my hand and official seal.

_____, Notary Public

**LEGAL DESCRIPTION
for
SOLANO COUNTY WATER AGENCY**

TUCK PARCEL

An Easement for maintenance purposes over a portion of that real property situate in the County of Solano, State of California, and being a portion of projected Section 14, Township 7 North, Range 1 West, Mount Diablo Base and Meridian, in Rancho Los Puntos Lot No. 38, also being a portion of Lot 45 of that certain map entitled "C. LOCKE-PADDON COLONY NO. 11", filed in the Solano County Recorder's Office on October 10, 1918 in Book 5 of Maps, at Page 21, more particularly described as follows:

BEGINNING at the Northeast corner of said Lot 45; thence, along the North line of said Lot 45 the following six (6) courses: (1) South 61°14'08" West 7.56 feet; (2) North 64°15'52" West 462.40 feet; (3) South 38°52'08" West 169.60 feet; (4) South 13°13'52" East 331.90 feet; (5) South 55°13'03" West 116.30 feet; and (6) South 77°55'53" West 110.60 feet to the most Easterly Northeast corner of said Lot 45; thence, along the West line of said Lot 45, South 00°04'08" West 63.59 feet; thence, leaving said West line, North 70°34'05" East 36.18 feet; thence North 73°18'08" East 10.90 feet; thence North 81°21'11" East 78.73 feet; thence North 75°28'38" East 28.69 feet; thence North 62°52'42" East 47.71 feet; thence North 49°55'57" East 29.63 feet; thence North 18°37'27" East 61.98 feet; thence North 73°58'03" West 14.01 feet to a point on the South bank of Sweeney Creek; thence, along said South bank the following four (4) courses: (1) North 13°26'28" East 39.27 feet; (2) North 03°07'57" East 33.28 feet; (3) North 23°53'44" West 39.58 feet; and (4) North 09°51'14" West 23.08 feet; thence, leaving said South bank, North 72°20'31" East 14.13 feet; thence North 09°38'44" West 51.79 feet; thence North 53°56'44" West 31.55 feet; thence North 09°09'43" West 98.02 feet; thence North 00°32'06" West 62.08 feet; thence North 22°38'49" East 46.42 feet; thence North 67°18'28" East 36.08 feet; thence North 61°17'25" East 31.19 feet; thence South 79°35'58" East 88.82 feet; thence South 39°26'58" East 73.28 feet; thence South 56°00'03" East 77.85 feet; thence South 53°09'35" East




Christopher W. Lerch

6-28-13
Date

67.99 feet; thence South 41°34'07" East 59.52 feet; thence South 61°43'08" East 49.92 feet; thence South 88°35'28" East 66.77 feet to a point on the East line of said Lot 45; thence, along said East line, North 00°04'08" East 65.31 feet to the POINT OF BEGINNING.

Containing 1.187 acres of land, more or less.

The Basis of Bearings for this description is the California Coordinate System of 1983, Zone 2. Distances shown hereon are ground. To obtain grid distances, multiply ground distances by 0.9999799145.

End of description.

LANDS OF TUCK
 APN 106-021-19
 2008-00060353-00

LINE TABLE		
LINE	BEARING	LENGTH
L1	S61°14'08"W	7.56
L2	S00°04'08"W	63.59
L3	N70°34'05"E	36.18
L4	N73°18'08"E	10.90
L5	N81°21'11"E	78.73
L6	N75°28'38"E	28.69
L7	N62°52'42"E	47.71
L8	N49°55'57"E	29.63
L9	N18°37'27"E	61.98
L10	N73°58'03"W	14.01
L11	N13°26'28"E	39.27
L12	N03°07'57"E	33.28
L13	N23°53'44"W	39.58
L14	N09°51'14"W	23.08
L15	N72°20'31"E	14.13
L16	N09°38'44"W	51.79
L17	N53°56'44"W	31.55
L18	N09°09'43"W	98.02
L19	N00°32'06"W	62.08
L20	N22°38'49"E	46.42
L21	N67°18'28"E	36.08
L22	N61°17'25"E	31.19
L23	S79°35'58"E	88.82
L24	S39°26'58"E	73.28
L25	S56°00'03"E	77.85
L26	S53°09'35"E	67.99
L27	S41°34'07"E	59.52
L28	S61°43'08"E	49.92
L29	S88°35'28"E	66.77
L30	N00°04'08"E	65.31



SCALE 1" = 100'

**SWEENEY CREEK
 MAINTENANCE EASEMENT**
 EXHIBIT TO ACCOMPANY DESCRIPTION
 SOLANO COUNTY WATER AGENCY
 A PORTION OF PROJECTED SECTION 14,
 TOWNSHIP 7 NORTH, RANGE 1 WEST,
 MOUNT DIABLO BASE AND MERIDIAN,
 IN RANCHO LOS PUTOS LOT NO. 38.

LM

CIVIL ENGINEERING
 LAND SURVEYING

PLANNING

LAUGENOUR AND MEIKLE

608 COURT STREET, WOODLAND, CA 95695
 PHONE: (530) 662-1755
 FAX: (530) 662-4602

SOLANO COUNTY, CALIFORNIA
 SHEET 1 OF 1
 JUNE 28, 2013

2344-3

CALIFORNIA CERTIFICATE OF ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)

County of Solano)

On 9/27/17 before me, Katherine Ashley
(here insert name and title of the officer)

personally appeared Roland Sanford

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature

Katherine Ashley



(Seal)

Optional Information

Although the information in this section is not required by law, it could prevent fraudulent removal and reattachment of this acknowledgment to an unauthorized document and may prove useful to persons relying on the attached document.

Description of Attached Document

The preceding Certificate of Acknowledgment is attached to a document titled/for the purpose of Easement Agreement

APN: 100-021-19

containing 9 pages, and dated

The signer(s) capacity or authority is/are as:

- ☐ Individual(s)
☐ Attorney-in-Fact
☐ Corporate Officer(s)

- ☐ Guardian/Conservator
☐ Partner - Limited/General
☐ Trustee(s)
☐ Other:

representing:

Name(s) of Person(s) or Entity(ies) Signer is Representing

Additional Information

Method of Signer Identification

Proved to me on the basis of satisfactory evidence:

- ☐ form(s) of identification ☐ credible witness(es)

Notarial event is detailed in notary journal on

Page # Entry #

Notary contact:

Other

- ☐ Additional Signer(s) ☐ Signer(s) Thumbprint(s)

☐

No Recording Fee Per G.C. 6103

Recording Requested by and
When Recorded Mail To:

Solano County Water Agency
810 Vaca Valley Parkway, Suite 203
Vacaville, California 95688

DOCUMENT TRANSFER TAX: 0
(Public Agency is grantee pursuant to R&T Sec. 11922)

Agent of Party determining Tax

EASEMENT AGREEMENT

PROJECT: Sweeney Creek Flood Control Channel
APN: 106-023-010

This Easement Agreement is ("Agreement") is entered into this 2nd day of FEBRUARY, 2017, by and between **WILLIAM N. AND VIRGINIA L. HENDRIX, TR.** ("Owner"), and **SOLANO COUNTY WATER AGENCY**, ("Agency").

A. Owner is the owner of certain real property situated in Solano County, California, hereinafter referred to as the "Property", and more particularly described in Exhibit "A", which is attached to this Agreement and is incorporated herein by reference.

B. Agency desires to acquire certain rights in the Property.

GRANT OF EASEMENT

1. Grant. For good and valuable consideration, receipt of which is hereby acknowledged, Owner grants to Agency an easement in the Property, subject to and on the terms of this Agreement.

2. Easement in Gross. The easement granted herein is an easement in gross in favor of the Agency.

3. Access Easement. Owner hereby grants to Agency a perpetual easement and right of ingress and egress over the Property for the purpose of obtaining access to the watercourse/flood control channel on the Property known as Sweeney Creek ("Creek"), for the purpose of, and in connection with, the work necessary to construct, improve, relocate, widen, deepen and/or straighten the Creek; and the operation, maintenance and inspection of the Creek and all works appurtenant thereto, including, but not limited to, the location, construction, and maintenance of roads, fencing and/or gates, and/or levees, and the removal of vegetation, except as specifically provided below; and, the flowage of water in, over, upon, and through the Creek; all for the purpose of flood control, flood protection improvements and water supply delivery ("Easement"). The

existing location of the Creek in relation to the Property is shown on the Map attached as Exhibit "B" to this Agreement.

4. No Public Access. By this grant Owner does not grant to the public any rights to access the Easement, and Agency hereby covenants that it will not grant any public access to the Property through the Easement.

5. Routine Activities. The Agency will perform inspections and maintenance work annually at some or all locations within Sweeney Creek from the Putah South Canal to the Sweeney Creek Unit of the Ulati Project at Agency's discretion. While Agency shall accept and consider Owner's comments on planned work, such comment shall not in any way restrict the Agency's rights to perform the work identified, and permitted under this Agreement.

6. Restrictions on Use of Easement.

- a. Fencing/Gates. The Agency shall not install fencing or gates on the Property without the prior written permission of Owner.
- b. Roads. Agency shall not install paved or graveled roads on the Property without the prior written permission of Owner, but this provision shall in no way restrict Agency's access to the Property.
- c. Work Hours. No work will be performed pursuant to this Easement before seven (7) a.m., nor after seven (7) p.m. Emergency work is allowed without restriction. An emergency is defined as a situation where the Agency determines that without immediate completion of the work there is danger to property or persons.

7. Exclusive. The Easement is exclusive to the Agency. Notwithstanding the exclusive nature of the Easement, Owner specifically reserves the right to use that portion of the Property subject to the Easement provided such use does not unreasonably interfere with the Agency's use of the Easement.

8. Attorney's Fees. In the event of any controversy, claim, or dispute, relating to this Agreement or the breach thereof, the prevailing party shall be entitled to recover from the losing party reasonable expenses, attorney's fees and costs.

9. Waste, Nuisance or Unlawful Use. Agency agrees that it will not commit waste on the Property, nor maintain a nuisance thereon, nor use, or permit the Property to be used in an unlawful manner. Agency will obtain all state, federal and local permits required to perform maintenance and construction in the Easement.

10. Noninterference. Agency shall use the rights granted by this Easement with due regard to the rights of Owner, and shall not use the Easement in any way that will impair the Property and reasonable use of the Property through which the rights are

granted. Upon utilization of its right to access the Creek over the Property, Agency agrees to leave the Property and any roadways thereon in as reasonably good a condition as upon entering.

11. Indemnification.

a. **Agency Not Liable for Flood Damages.** The parties acknowledge that Agency is undertaking the work outlined in this Agreement in an attempt to reduce flooding of the Property. As an inducement to Agency to undertake such work, Owner understands and acknowledges that Agency is not, and shall not be liable to Owner for injuries to, or death of persons, or damage to, or destruction of property caused by flooding of the property.

b. **Agency to Indemnify Owner for Third Party Actions.** With regard to actions of third parties hired by Agency to undertake work on the Property within the Easement, to the fullest extent permitted by law, Agency shall indemnify, defend, protect and hold Owner harmless from and against any and all claims, demands, losses, proceedings, damages, causes of action, liabilities, costs or expenses (including, but not limited to, attorney's fees) arising out of or in connection with or caused in part by the negligence of Agency's agents, representatives, employees, servants, contractors, subcontractors, sub-subcontractors, suppliers, licensees, invitees or anyone directly or indirectly employed by any of them or anyone for whose acts they may be liable wheresoever the same may occur while working on the Property.

12. Existing Gates. Gates across the Easement, existing at the time of execution of this agreement, shall be allowed to remain providing they provide adequate access, as determined by the Agency, for movement of equipment to maintain the channel. If the gate does not provide adequate access, as determined by the Agency, Agency shall remove the gate and any fencing in the Easement to provide adequate access.

13. Entire Agreement. This Agreement constitutes the entire agreement between Owner and Agency relating to the Easement. Any prior agreement, promises, negotiations, or representations not expressly set forth in this Agreement is of no force and effect. Any amendment to this Agreement shall be of no force and effect unless it is in writing and signed by Owner and Agency.

14. Binding on Heirs. This Agreement shall be binding on and shall inure to the benefit of the heirs, executors, administrators, successors and assigns of Owner and Agency.

15. Notices. All notices, requests, demands, and other communications which either party may require or desire to serve on the other under this Agreement shall be in writing and shall be served (as an alternative to personal service) by registered or certified mail, with postage thereon fully prepaid, and addressed to the party so to be served, as follows:

AGENCY: SOLANO COUNTY WATER AGENCY
Attn: General Manager
810 Vaca Valley Road, Suite 203
Vacaville, California 95688

OWNER: WILLIAM N. AND VIRGINIA L. HENDRIX

7804 Leisure Town Rd.
Vacaville, CA 95688

The parties may change their address for purposes of this paragraph by giving the other parties written notice of the new address in the manner set forth above. All notices and other communication shall be deemed communicated as of actual receipt or after the second day after deposit in the United States mail.

OWNER

AGENCY

WILLIAM N. HENDRIX AND
VIRGINIA L. HENDRIX
PARCEL: 1064023-010

SOLANO COUNTY WATER AGENCY

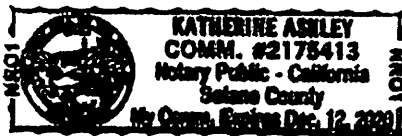
By:


William N. Hendrix

By:


Roland Sanford
General Manager


Virginia L. Hendrix

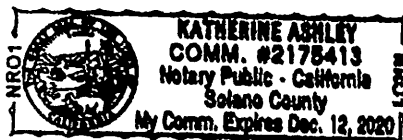




ACKNOWLEDGMENTS

State of California)
 County of Solano)

On Feb 1, 2017, before me, Katherine Ashley, Notary Public,
 personally appeared William Hendrix, personally known to
 me, - OR - proved to me on the basis of satisfactory evidence to be the persons whose names are
 subscribed to the within instrument and acknowledged to me that they executed the same in their
 authorized capacities and that by their signatures on the instrument the persons or the entity upon
 behalf of which the persons acted, executed the instrument.



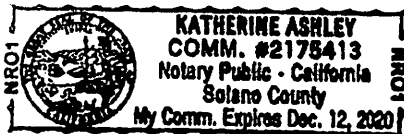
WITNESS my hand and official seal.

Katherine Ashley, Notary Public

State of California)
 County of Solano)

On Feb 1, 2017, before me, Katherine Ashley, Notary Public,
 personally appeared Virginia Hendrix, personally known
 to me, - OR - proved to me on the basis of satisfactory evidence to be the persons whose names
 are subscribed to the within instrument and acknowledged to me that they executed the same in
 their authorized capacities and that by their signatures on the instrument the persons or the entity
 upon behalf of which the persons acted, executed the instrument.

WITNESS my hand and official seal.



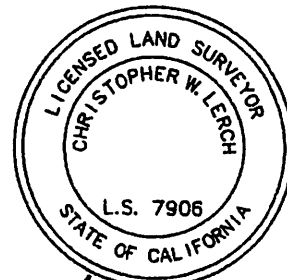
Katherine Ashley, Notary Public

LEGAL DESCRIPTION
for
SOLANO COUNTY WATER AGENCY

HENDRIX PARCEL

An Easement for maintenance purposes over a portion of that real property situate in the County of Solano, State of California, and being a portion of projected Section 14, Township 7 North, Range 1 West, Mount Diablo Base and Meridian, in Rancho Los Puntos Lot No. 38, also being a portion of that parcel of land described in Document No. 201300111272, Solano County Records, more particularly described as follows:

BEGINNING at a point on the East line of that parcel of land described in said Document No. 201300111272, said point being distant South 01°25'42" East 86.81 feet from the Northeast corner of that parcel of land described in said Document No. 201300111272; thence, from said POINT OF BEGINNING and along said East line, North 01°25'42" West 86.81 feet to said Northeast corner, said point being the intersection of the West line of Leisure Town Road (County Road No. 430) and the Southwesterly line of Weyand Canal as described in Book 992 of Official Records, at Page 419, Solano County Records, said point also being the beginning of a non-tangent curve concave Northeasterly with a radius of 140.00 feet, radius point bears North 27°57'40" East; thence, along said Southwesterly line of Weyand Canal through a central angle of 32°11'16" an arc distance of 78.65 feet; thence, continuing along said Southwesterly line, North 29°51'04" West 61.92 feet; thence, leaving said Southwesterly line, North 53°48'32" West 24.70 feet; thence North 79°31'43" West 41.97 feet; thence North 58°16'15" West 93.25 feet; thence North 23°01'10" West 119.74 feet; thence North 01°49'44" East 52.24 feet; North 07°06'51" West 43.22 feet; North 17°20'35" West 19.71 feet to a point on said Southwesterly line of Weyand Canal, said point being the beginning of a non-tangent curve concave Southwesterly with a radius of 1,260.00 feet, radius point bears South 49°00'22" West; thence, along said Southwesterly line through a central angle of 02°05'26" an arc distance




Christopher W. Lerch

11-07-14
Date

CALIFORNIA CERTIFICATE OF ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)

County of Solano)

On 9/27/2017 before me, Katherine Ashley,
(here insert name and title of the officer)

personally appeared Roland Sanford

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Katherine Ashley



(Seal)

Optional Information

Although the information in this section is not required by law, it could prevent fraudulent removal and reattachment of this acknowledgment to an unauthorized document and may prove useful to persons relying on the attached document.

Description of Attached Document

The preceding Certificate of Acknowledgment is attached to a document titled/for the purpose of Easement Agreement

APN: 106-023-010

containing 8 pages, and dated

The signer(s) capacity or authority is/are as:

- ☐ Individual(s)
☐ Attorney-in-Fact
☐ Corporate Officer(s)

- ☐ Guardian/Conservator
☐ Partner - Limited/General
☐ Trustee(s)
☐ Other:

representing:

Name(s) of Person(s) or Entity(ies) Signer is Representing

Additional Information

Method of Signer Identification

Proved to me on the basis of satisfactory evidence:

☒ form(s) of identification ☐ credible witness(es)

Notarial event is detailed in notary journal on:

Page # Entry #

Notary contact:

Other

☐ Additional Signer(s) ☐ Signer(s) Thumbprint(s)

☐

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

County of Solano

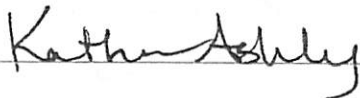
On 2/1/17 before me, Katherine Ashley, notary public
(here insert name and title of the officer)

personally appeared William and Virginia Hendrix

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature



(Seal)

Although the information in this section is not required by law, it could prevent fraudulent removal and reattachment of this acknowledgment to an unauthorized document and may prove useful to persons relying on the attached document.

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**ACTION OF
SOLANO COUNTY WATER AGENCY**

DATE: July 12, 2018

SUBJECT: Sustainable Groundwater Management Act - Draft Basin Reprioritization by Department of Water Resources

RECOMMENDATION:

1. Authorize General Manager to sign and submit letter of opposition to Department of Water Resources in response to the Department of Water Resources' proposed reprioritization of the Solano Subbasin.
2. Authorize the General Manager to sign and submit letter of opposition to Department of Water Resources in response to the Department of Water Resources' proposed reprioritization of the Napa-Sonoma Lowlands Subbasin.


FINANCIAL IMPACT:

None.

BACKGROUND:

The Department of Water Resources categorizes California's 517 groundwater basins and subbasins into priorities – "low", "medium", "high", etc. - based on criteria specified in the California Water Code. The assigned priority of a basin or subbasin determines whether and which California Statewide Groundwater Elevation Monitoring (CASGEM) and the Sustainable Groundwater Management Act (SGMA) provisions apply to the basin or subbasin in question.

The Department of Water Resources recently proposed revising the prioritization of two groundwater basins relevant to Solano County – the Solano Subbasin in eastern Solano County, and the Napa-Sonoma Lowlands Subbasin that encompasses part of western Solano County, including portions of the City of Vallejo. The Department of Water Resources is proposing to elevate the priority of the Solano Subbasin, from medium to high, and the priority of the Napa-Sonoma Lowlands Subbasin from low to medium.

Recommended: 
Roland Sanford, General Manager

<input type="checkbox"/> Approved as recommended	<input type="checkbox"/> Other (see below)	<input checked="" type="checkbox"/> Continued on next page
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Modification to Recommendation and/or other actions:

I, Roland Sanford, General Manager and Secretary to the Solano County Water Agency, do hereby certify that the foregoing action was regularly introduced, passed, and adopted by said Board of Directors at a regular meeting thereof held on July 12, 2018 by the following vote:

Ayes:

Noes:

Abstain:

Absent:

Roland Sanford
General Manager & Secretary to the
Solano County Water Agency

Elevating the priority of the Solano Subbasin from medium to high would have no significant impact with regard to ongoing CASGEM or SGMA compliance – at least for now. Pursuant to SGMA, Groundwater Sustainability Agencies for the Solano Subbasin have been formed and preparation of a Groundwater Sustainability Plan is in progress. The level of effort and ultimately the cost of these activities is essentially the same, whether the Solano Subbasin is characterized as a medium or high priority basin. However, staff is concerned that future legislation could impose additional regulatory requirements on high priority basins.

Elevating the priority of the Napa-Sonoma Lowlands Subbasin from low to medium has significant cost implications because it would necessitate formation of a Groundwater Sustainability Agency and preparation of a Groundwater Sustainability Plan (neither is currently required for low priority basins).

Staff has reviewed the criteria and supporting information the Department of Water Resources used to develop their recommended reprioritizations of the Solano Subbasin, as well as the Napa-Sonoma Lowlands Subbasin, and has concluded that in both instances the Department of Water Resources relied on incomplete if not questionable information in making the respective determinations. Given the potentially significant financial and regulatory implications of the proposed reprioritizations, staff strongly recommends the Board authorize the General Manager to sign and submit letters of opposition to the Department of Water Resources, in response to the Department of Water Resources' proposed reprioritizations of the two subbasins.

SOLANO COUNTY WATER AGENCY



July 13, 2018

California Department of Water Resources

P.O. Box 942836

Sacramento, CA 94236-0001

Attn: Bill Brewster

Submitted electronically through:

<https://www.water.ca.gov/Programs/Groundwater-Management/Basin-Prioritization>

SUBJECT: Comments on Draft 2018 Basin Prioritization – Solano Subbasin (Basin ID 5-021.66)

Dear Mr. Brewster:

The Solano County Water Agency (SCWA) has reviewed the Draft 2018 SGMA¹ Basin Prioritization (Draft Prioritization) and supporting information provided by the Department of Water Resources (DWR). We appreciate the efforts that you and others at DWR have made to provide additional information about the Draft Prioritization since its publication on May 18. This letter transmits comments from SCWA regarding the Draft Prioritization for the Solano Subbasin (Basin ID 5-021.66) (**Figure A**).

While the online 2018 Basin Prioritization Dashboard and the “2018 SGMA Basin Prioritization Process and Draft Results” (Process and Draft Results) document provide some clarity as to the Department’s approach to the Draft Prioritization, SCWA believes that the prioritization process should be improved by closer adherence to the requirements of Water Code §10933 and consistent application of prioritization scoring methods between basins. Based on our review of the supporting documentation and data provided by DWR and alternative, equivalent data obtained in lieu of data from DWR, we find that the total Draft Priority Point score for the Solano Subbasin is greater than is supported by available data. Revisions to the Priority Point scores for Components 7 and 8, as described in the following paragraphs, result in score that is more consistent with the methods described in the Draft Process and Results document and more consistent with Water Code §10933.

The paragraphs that follow focus on components of particular concern with respect to the Draft Prioritization of the Solano Subbasin. **Table 1** summarizes the Basin Priority scoring applied in 2014, the Draft 2018 scoring, and a modified 2018 scoring based on

¹ Sustainable Groundwater Management Act



the review presented in this letter. The modified 2018 scoring results in a Total Priority Point score of 16.5, within the range defined as Medium Priority. As applicable, additional data referenced in the discussion below will accompany this letter as part of the submittal to the DWR Basin Prioritization webpage.

SACRAMENTO VALLEY – SOLANO SUBBASIN (05-021.66)

**TABLE 1 - Basin Priority Comparison and Review
SACRAMENTO VALLEY - SOLANO SUBBASIN**

	2014	2018 DWR Draft	2018 Peer Review
COMPONENT 1 - POPULATION			
PRIORITY POINTS	1	1	1
COMPONENT 2 - POPULATION GROWTH			
PRIORITY POINTS	3	4	4
COMPONENT 3 - PUBLIC SUPPLY WELLS			
PRIORITY POINTS	2	2	2
COMPONENT 4 - TOTAL WELLS			
PRIORITY POINTS	3	3	3
COMPONENT 5 - IRRIGATED ACRES			
PRIORITY POINTS	5	4	4
COMPONENT 6 - GROUNDWATER RELIANCE			
PRIORITY POINTS	1.5	2.5	2.5
COMPONENT 7 – DOCUMENTED IMPACTS*			
OVERDRAFT (DECLINING GROUNDWATER LEVELS) IMPACT POINTS*		7.5	0
SALINE INTRUSION IMPACT POINTS*		5	0
SUBSIDENCE IMPACT POINTS*		0	0
WATER QUALITY IMPACT POINTS*		2	1
PRIORITY POINTS	0	3	0
COMPONENT 8 A&B - HABITAT AND OTHER INFO.*			
PRIORITY POINTS	0	2	0
TOTAL PRIORITY POINTS			
	15.5	21.5	16.5
PRIORITY CLASSIFICATION			
	Medium	High	Medium
* See comments provided below.			

Component 7.a - Documented Overdraft (Groundwater Levels)

Component 7a of the DWR documented impact analyses states:

"The assessment of whether a basin is in overdraft required information that was not available for most basins, resulting in the reporting of trends that indicated declining groundwater levels...."
"Water Code Section 10933(a)(7) identifies overdraft as one of the four documented impacts DWR needs to consider under Basin Prioritization." *"Other factors that would be needed to determine overdraft include recharge information and water balance/budget details that are not available for all basins. DWR evaluated declining groundwater levels as a key indicator of overdraft. After reviewing hydrographs or similar data for each basin, groundwater levels were documented as being stable, rising, or declining. To make this determination, each piece of data was viewed back in time as far as possible."* ... *"No determination was made to differentiate between the severity of individual groundwater level impacts because there are too many variables to consider, and this differentiation is beyond the scope of basin prioritization, which only requires DWR to identify if the condition exists. As such, 7.5 points were assigned to any basin that exhibited declining groundwater levels."*

For the Solano Subbasin, DWR concludes that groundwater levels declines have occurred and comments as follows:

"1) CASGEM/WDL/GWIDS: Longterm hydrographs show groundwater level decline. Source: DWR

2) The Solano Project was developed to help mitigate the declining groundwater elevations in Solano County. Source:
<http://www.scwa2.com/resources-management/local-conditions> pg. 1

SCWA has produced reports relating to groundwater conditions in Solano County, including Solano Subbasin, for several years. The most recent of these reports was produced in June 2017 (LSCE, 2017). That report describes historical groundwater level declines in the Quaternary Alluvium and upper zone of the Tehama Formation from the 1940s to the early 1960s followed by a rise in groundwater levels as a result of surface water deliveries and a reduction in pumping. In the deep, highly confined part of the groundwater system, i.e. the basal zone of the Tehama Formation), a cone of depression exists in the northern Solano County area. The location of this cone of

depression has shifted somewhat with broader distribution of the City of Vacaville wells in the northern county area. The depth of the cone of depression has also decreased in response to the broader distribution of wells pumping from the basal zone of the Tehama Formation.

“Water levels in wells completed in Quaternary alluvium and the upper zone of the Tehama Formation (Figures 4□2, 4□3 and 4□4) show similar trends. Water levels in those zones generally show declining levels from the 1940s to the early 1960s as a result of increasing groundwater pumpage. Beginning in the 1960s, water levels rose following the delivery of surface water from the Solano Project and corresponding reductions in groundwater pumpage. Water levels have remained relatively high since the late 1960s, largely unaffected by wet or dry climatic periods, with depths to water typically less than 10 feet. Several wells show some declines in the early 2010s, associated with the recent drought, followed by recent recoveries in 2015.

Groundwater levels in the Quaternary alluvium and upper zone of the Tehama Formation show small seasonal effects with slightly higher groundwater levels in the spring. Water levels in these relatively shallow aquifers appear to be unaffected by basal zone pumpage.”

“Groundwater elevations in the basal zone of the Tehama Formation are much lower than in the upper zone in the northern Solano County area, ranging from about 20 feet above sea level in RNVWD to 70 to 80 feet below sea level (spring and fall 2016, respectively) in the vicinity of the City of Vacaville (Figures 4□10 and 4□11). A pumping depression in the basal zone exists in the Vacaville area (Figures 4□10 and 4□11), and the gradient for groundwater flow is southerly toward this depression. North of the City of Vacaville, the gradient has a magnitude of approximately 35 feet per mile which is much steeper than the gradient in the Quaternary alluvium (Figures 4□5 and 4□6). The gradient in the basal zone becomes less steep in the Elmira Road area, e.g., the gradient between City of Vacaville’s Well 14 and the Elmira Road wells is only about 9 feet per mile. This is due to the northerly expansion of the cone of depression in the Elmira Road area as more Vacaville City pumpage has been shifted to Wells 14 and 15 in the northeast sector.”

Comments

- The ongoing groundwater monitoring in the Solano Subbasin shows that groundwater levels are generally stable with the exception of some water level decline due to drought conditions.

- Historical groundwater levels in the Quaternary Alluvium and upper zone of the Tehama Formation stabilized decades ago in response to increased surface water deliveries and reduced groundwater pumping.
- Groundwater level trends in the Solano Subbasin are not indicative of overdraft.
- DWR's assignment of 7.5 points "to any basin that exhibited declining groundwater levels" appears to overreach and result in an inconsistency with the purpose of identifying overdraft conditions.
- The Solano Subbasin should not be classified as having "declining groundwater levels" at the Subbasin scale and should receive 0 impact points for this subcomponent.

Component 7.b - Documented Subsidence

DWR evaluated component 7 b by:

.... "Reviewing hydrographs, extensometer data, land use data, groundwater management plans, annual reports, grant applications, professional studies from the NASA Jet Propulsion Laboratory and United State Geological Survey (USGS), Interferometric synthetic aperture radar (InSAR) via Sentinel-1A satellite, UNAVCO Plate Boundary Observatory, Bulletin 118 – Update 2003, California Water Plan Update 2013, Alternative Plans submitted pursuant to SGMA, environmental documents, and professional correspondence." "When reviewing the subsidence data, data that were related to groundwater extractions were focused on and evaluated to determine if subsidence was current or historical." ... "No determination was made to differentiate between the severity of the individual subsidence impacts because there are too many variables to consider, and this differentiation is beyond the scope of basin prioritization, which only requires DWR to identify that the condition exists in the basin. As such, 10.0 points were assigned to any basin that exhibited current subsidence, and 3.75 points were assigned to any basin where subsidence occurred in the past and there was no evidence that subsidence was still occurring."

SCWA has produced reports relating to groundwater conditions in Solano County, including Solano Subbasin, for several years. The most recent of these reports was produced in June 2017 (LSCE, 2017). That report describes land surface elevations being monitored at two CGPS stations (Dixon and City of Vacaville sites) and also other nearby CGPS stations. Over the last almost five years of available record at these two sites, land subsidence at DIXN totaled 0.050 feet (0.60 inches) and 0.035 feet (0.42 inches) at VCVL. Throughout the period of record, DIXN experienced an average yearly

rate of [downward] land subsidence of 0.0103 feet/year (or 0.123 inches/year) and VCVL experienced an average yearly rate of subsidence of 0.00727 feet/year (or 0.087 inches/year). The report also states (LSCE, 2017): Further evaluation would be needed to determine:

“a) whether this subsidence is elastic or inelastic, and

b) which subsurface unit or units are responsible for the minimal amount of ongoing compaction.

Additional investigation will also help assess what affects groundwater pumping activities are having on land subsidence. Continuous monitoring at SCWA's DLXN and VCVL subsidence monitoring stations provide a local source of data for management of the groundwater resource (in the Solano Subbasin). Nearby CGPS stations also provide useful land surface displacement (data), and an extensometer in nearby Yolo County provides further information on localized land subsidence and relationships between land surface displacement and groundwater levels.”

Comments

- DWR assigned an impact score of 0 for subsidence for the Solano Subbasin.
- Based on DWR's scoring approach, where any amount of current subsidence results in a score of 10, theoretically the Solano Subbasin should receive a score of 10, even though the measured amount of land subsidence is very small.
- It would be appropriate for DWR to give some credit to those subbasins that are monitoring and evaluating whether or not land subsidence is occurring and to consider some threshold that, at least in the interim (prior to GSP submittals), represents an amount of subsidence that is considered to be less than significant.

Component 7.c - Documented Salt Water Intrusion

For this Impact component (7c), DWR states:

“Saline intrusion was evaluated by reviewing available data published over the last 20 years. Evaluation consisted of reviewing hydrographs, groundwater management plans, annual reports, grant applications, professional studies by USGS, Bulletin 118 – Update 2003, California Water Plan Update 2013, Alternative Plans submitted pursuant to SGMA, county hazards reports, and environmental documents.”

“Saline intrusion in the coastal and Delta groundwater basins, as defined in Bulletin 118 – Interim Update 2016, was determined by

researching available documents for references of past or present excess salinity problems.

The primary source of information used was local reports and studies that focused on the challenges of saline intrusion within individual basins. The reports and studies directed at managing or preventing saline intrusions were related to:

- *Water quality analyses.*
- *Projects designed to stop or reverse current or past intrusions.*
- *Groundwater management re-operation that reduced or shifted current operations to other parts of the basin, or invested in enhanced groundwater and surface water conjunctive management.*

No determination was made to differentiate between the severity of individual saline intrusion impacts because there are too many variables to consider and this differentiation is beyond the scope of basin prioritization, which only requires DWR to identify that the condition exists in the basin. As such, 5.0 points were assigned to any basin that exhibited impacts of saline intrusion. ”

This approach appears not only to avoid “differentiation between the severity of individual saline intrusion impacts” but also any consideration of the conditions that can result in elevated salinity in coastal and Delta groundwater basins, whether they are a result of groundwater use in the basin or not. The application of this approach for the 2018 Draft Prioritization also appears to be very inconsistent from basin to basin. For example, DWR has assigned a Saline Intrusion Impact Score of 0 to the Eel River Valley Basin (Basin ID 1-010), while describing conditions in the basin as follows:

“1) Seawater Intrusion Conditions: The principal aquifers within the Basin are in good hydrologic connection with the ocean along approximately 10 miles of coastline. The westernmost portion of the valley consists of a broad, low-lying coastal plain within intertidal/brackish marsh and wetlands. The tidal influence within the Eel River extends upstream of Fernbridge approximately 12 miles inland from the mouth. Source: EelRiverGWAltPlan-rpt-Final-20161230.pdf 2) Chloride concentrations in excess of the 250 milligrams per liter drinking-water recommendation are reported in water from wells near the Eel River as much as 4 miles inland from the Pacific Ocean, suggesting that the source of the chloride is brackish water from the tidal reaches of the river. Source: CoastalBasins-USGS_GW_Atlas1995(HA730-B_CoastalBasinsAquifers).pdf”

DWR also assigned a Saline Intrusion Impact Score of 0 to the Carpinteria Basin (Basin ID 3-018), while describing conditions in the basin as follows:

“1) Groundwater quality is generally good for municipal and agricultural uses. There are localized areas with high TDS near the Pacific Ocean due to seawater intrusion (DWR 2004an, 2004ao, 2004ap, 2004aq, 2004ar, 2013e; GWD and LCMWC 2010). Source: LTO-EIS_USBR-Chapter7-GWRResources.pdf 2) Groundwater levels in most of the basin, based on springtime measurements of water levels in qualified wells, are above sea level. A pumping depression exists in the central portion of the basin, with water levels as deep as about 15 feet below sea level and several feet below sea level at the coast, a condition that could allow sea water intrusion; however, there has been no documented evidence of seawater intrusion in the basin. Based on current data (Fugro, 2011), and CVWD’s ability to conjunctively use imported surface water from the Central Coast Water Authority (i.e., State Water Project), and local surface water from Lake Cachuma, annual groundwater demand is, on average, about 1,400 AFY less than the estimated safe yield of 5,000 AFY. Source: SantaBarbaraCountyGWReport-2011.pdf”

For the Solano Subbasin, DWR assigned a Saline Intrusion Impact Score of 5 with the following rationale:

“ 1) Numerous upstream storage facilities, together with diversions of water from the Delta and the tributary streams of the Delta have substantially reduced the amount of fresh water flowing into the Delta with a resultant increase in salinity intrusion into the Marsh and Delta. ...The following policies represent the County’s intent in preserving water quality and reducing flood hazards in the Suisun Marsh: SM.P-11: Projects designed to import or redistribute the fresh water in the Marsh for salinity control should be planned carefully so that the expected benefits are realized. SM.P-12: To prevent crop damage in some areas, the withdrawal of groundwater from the underground aquifers surrounding the Marsh may be desirable. Withdrawal should not be so extensive as to allow the salt water of the Marsh to intrude into fresh water aquifers, or to disrupt the natural subsurface flow of groundwater into the Marsh. Source: SuisunMarsh-EXHIBIT I LPP Final Draft 2008 General Plan Suisun Marsh Policies 3 20 12.pdf”

Notably, DWR Bulletin 118: Interim Update (2016) provides this context for conditions of impacts of overdraft:

“The deciding factor for the identification of groundwater basins subject to critical conditions of overdraft was the documented observation of one or more adverse impacts of overdraft, including:

- *Land subsidence.*
- *Sea water intrusion into a coastal basin aquifer.*
- *Water of unusable quality being caused to migrate and make a groundwater supply unusable.*
- *Groundwater levels declining during a period of normal or above-normal water supply.”*

With respect to “salt water intrusion”, the focus is on intrusion into a coastal basin aquifer. However, the document DWR cites related to the Suisun Marsh is in regard to surface water flows. The Suisun Marsh document also states: “Water quality in the Marsh today is generally adequate, in terms of salinity, turbidity, temperature of pollution levels. The salinity level, however, is almost totally dependent upon the amount of fresh water flowing in from the Delta since it is inflow that limits the intrusion of saline ocean waters.”

DWR does not cite to the above Suisun Marsh General Plan exhibit for DWR’s assessment of the Suisun Fairfield Valley Subbasin.

Based on Geotracker data for well SL186022960_62MW-1, groundwater level data for the southern Solano Subbasin exhibit stable groundwater levels. There is no indication that groundwater level trends are contributing to salt water intrusion in the southern part of the Solano Subbasin, where a small segment of the Subbasin is adjacent to the Suisun Bay.

Comments

- Salt water intrusion into the coastal basin aquifer is not supported by the document cited by DWR.
- Stable groundwater levels in the alluvium and upper zone of the Tehama formation do not support a finding of salt water intrusion in the southern part of the Solano Subbasin, where a small segment of the Subbasin is adjacent to the Suisun Bay.
- The impact point score should be changed from 5 to 0 for the salt water intrusion impact component.

Component 7.d - Documented Groundwater Quality

The Process and Results document describes a two-part analysis of water quality data for Component 7d to evaluate “both the magnitude of documented groundwater

contamination and extent of impact to public drinking water” (p. 22). Data sources referenced include:

- SWRCB, Division of Drinking Water – Public Supply Database, all active wells (March 2016)
- SWRCB – GeoTracker Groundwater Ambient Monitoring and Assessment (GAMA) secure database (Division of Drinking Water, reported Water Quality results (as of April 4, 2017), and
- SWRCB – Maximum Contaminate Level (MCL) list (as of November 2017).

For this review, both the Component 7.d.1 Magnitude of Water Quality Degradation analysis and Component 7.d.2 Extent of Documented Groundwater Contamination analyses were replicated using the methods described in the Process and Results document. Water quality data were obtained for the analyses through a query of the GeoTracker GAMA secure database. The query was run in May 2018, prior to DWR releasing the Component 7d water quality records used in the Draft Prioritization analyses. Results are presented in **Table X**.

The Magnitude of Water Quality Degradation analysis used by DWR for Component 7.d.1 applies equal consideration to exceedances of naturally-occurring constituents and anthropogenic constituents. The methods used for the Component 7.d.1 analysis also provide no consideration of whether MCL exceedances occur throughout a basin or in localized areas within of a basin, and no consideration of any trends in water quality over time. All three of these characteristics are inconsistent with the charge in Water Code §10933(b)(7) to evaluate “water quality degradation”.

Concentration of naturally-occurring constituents that exceed regulated drinking water standards are a relevant consideration for water system operators responsible for developing supplies of adequate quantity and quality to serve their users; however, DWR is charged with evaluating “water quality degradation” for the purposes of prioritizing groundwater elevation monitoring and SGMA implementation. For example, Iron (Fe) and Manganese (Mn) both naturally occur at high concentrations in groundwater in the region. It is incorrect to include these in an assessment of “impacts” in the context of anthropogenic degradation.

Temporal trends in groundwater quality were considered for this review analysis. Time-series plots for public supply wells with a recorded MCL exceedance are attached to this letter. The majority of wells show stable concentrations over time. Some wells do exhibit increasing concentrations over time, but the results are not indicative of a condition occurring throughout the basin.

Table X shows a greater number of MCL exceedances when including all chemical constituents with an MCL as of November 2017 (i.e., 1,882 exceedances compared to 1,706 in the results in the Draft Prioritization). This may be the result of additional data having been added to the GAMA secure database between April 2017 when DWR queried the database and May 2018 when the database was queried for the review

analysis. **Table X** shows that for the review analysis for the Magnitude of Water Quality Degradation analysis, excluding naturally-occurring Iron and Manganese results in a Component 7.d.1 score of 2. The Extent of Contamination score for Component 7.d.2 remains unchanged, at a value of 1, after incorporating the reduced number of public supply wells in the Lowlands Subbasin as of March 2016. Based on the sum of the two sub-component scores, the Component 7.d Water Quality Documented Impacts Point score is reduced from 2 in the Draft Prioritization to 1.

Table X. Solano Subbasin Water Quality Degradation Review

	2018 DWR DRAFT	2018 Review Results	
Water Quality Impacts Assessment Steps	Considering All Chemicals ¹	Considering All Chemicals ¹	Considering All Chemicals Except Mn and Fe
Count of Exceedances	1,706	1,882	1,428
Average Relative MCL Exceedance (ARME)	3.47	3.46	2.65
<i>Component 7.d.1 ARME Points</i>	3	3	2
Count of Wells Analyzed for WQ	unknown		
Count of Wells Used for Extent ²	152	159	
Count of Wells with Exceedances	80	79	26
Extent of Groundwater Contamination (ECG)	0.53	0.497	0.164
<i>Component 7.d.2 EGC Points</i>	2	1	1
WQ Related Degradation Points (Sum of ARME and EGC Points)	5	4	3
Component 7.d Water Quality Documented Impacts Points	2	1	1
1 All chemicals with a primary Maximum Contaminant Level (MCL), secondary MCL, of Public Health Goal established as of November 2017, per the Draft Prioritization Process and Results document.			
2 The review results reflect the corrected count of 14 Public Supply Wells located in the Napa-Sonoma Lowlands Subbasin as of March 2016, out of 17 identified in the Draft Prioritization.			

Accounting for the revised Impact Point scores for saline intrusion and water quality degradation, the Priority Point score for Component 7 is reduced from 3 to 0 (**Table Y**).

Table X. Solano Subbasin Documented Impacts Review

COMPONENT 7 – DOCUMENTED IMPACTS	2018 DWR DRAFT	2018 Review Results
GROUNDWATER OVERDRAFT (DECLINING GROUNDWATER LEVELS)	7.5	0
SALINE INTRUSION IMPACT POINTS	5	0
SUBSIDENCE IMPACT POINTS	0	0
WATER QUALITY IMPACT POINTS	2	1
PRIORITY POINTS	3	0

Comments

- Inclusion of naturally-occurring constituents (such as iron and manganese) as part of the basin prioritization water quality analysis is not consistent with Water Code §10933, which requires prioritization that includes “impacts on the groundwater basin, including... water quality degradation.”
- Naturally-occurring constituents with Maximum Contaminant Level (MCL) values are relevant for drinking water regulations and drinking water system operations, but do not reflect an “impact” relevant to the groundwater basin prioritization established in the Water Code.
- The analyses used for the Draft Prioritization does not consider the spatial distribution of water quality exceedances nor temporal trends. In the Solano Subbasin there is no documented basin-wide reduction in water quality relative to MCLs.
- The Component 7d impact score for water quality degradation should be revised to a score of 1.
- The Component 7 Priority Point score for Documented Impacts should be revised to a score of 0.

Component 8.a & b - Documented Local Habitat and Streamflows

For Component 8, DWR states:

“Water Code section 10933(b)(8) was amended in 2014 by the same legislation that created SGMA to include, under other information, the specific example of adverse impacts on local habitat and local streamflows. DWR had not evaluated this sub-component during the development of the 2014 CASGEM prioritization, and determined that because of a lack of reliable state-wide data, there was insufficient information available to include this sub-component in the initial SGMA prioritization in 2015. Subsequent to that prioritization, DWR has developed a statewide Natural Communities database that assembles information on the location of springs, lakes, rivers, species, and habitat from multiple sources. Utilizing that database, DWR included impacts to local habitat and local streamflows as a new sub-component.”

“For the 2018 SGMA Basin Prioritization, DWR evaluated if habitat or streamflow exists in the basin. To do so, DWR used the Natural Communities and National Hydrography datasets to determine if one or more habitats commonly associated with groundwater or streamflow exist within a groundwater basin. No statewide measure of adverse impacts to habitat or stream flow exists that would allow DWR to rank the severity of those impacts. Habitat and streamflow were identified within the basins using the following method:

- After consulting the Natural Communities dataset, if it was determined that there are one or more polygons representing vegetation, wetland, seep, or spring habitat in the basin the basin was assigned one point for habitat.*
- After consulting the NHD dataset, if it was determined that one or more perennial or permanent streams were located within or adjacent to the basin, the basin was assigned one point for streamflow.”*

In the Solano Subbasin, DWR assigned a score of 1 for Streamflow and also a score of 1 for local habitat because of the presence of these features in the Subbasin.

Further, to determine if there was a possible adverse impact to habitats and streamflows, DWR reviewed 1) the ratio of pumping to volume to basin acreage, 2) whether groundwater levels had been determined to be declining, and 3) whether groundwater level monitoring is being performed. Because DWR’s assessment had concluded groundwater level declines are occurring (see above), DWR retained the impact points as priority points. So, the Component 8 score was two priority points.

Comments

- The ongoing groundwater monitoring in the Solano Subbasin shows that groundwater levels are generally stable with the exception of some water level decline due to drought conditions.

Brewster Letter, Page Fourteen

- Historical groundwater levels in the Quaternary Alluvium and upper zone of the Tehama Formation stabilized decades ago in response to increased surface water deliveries and reduced groundwater pumping.
- Groundwater level trends in the Solano Subbasin are not indicative of overdraft.
- The Solano Subbasin should not be classified as having “declining groundwater levels” and Component 8 should receive 0 priority points.

Thank you for your consideration in this matter. If you have any questions, please contact Chris Lee on my staff at (707) 455-1105 or via email at clee@scwa2.com, thank you.

Sincerely,

Roland Sanford,
General Manager

SOLANO COUNTY WATER AGENCY



July 12, 2018

California Department of Water Resources
P.O. Box 942836
Sacramento, CA 94236-0001
Attn: Bill Brewster

Submitted electronically through:

<https://www.water.ca.gov/Programs/Groundwater-Management/Basin-Prioritization>

SUBJECT: Comments on Draft 2018 Basin Prioritization – Napa-Sonoma Lowlands Subbasin (2-002.03)

Dear Mr. Brewster:

The Solano County Water Agency (SCWA) has reviewed the Draft 2018 SGMA¹ Basin Prioritization (Draft Prioritization) and supporting information provided by the Department of Water Resources (DWR). We appreciate the efforts that you and others at DWR have made to provide additional information about the Draft Prioritization since its publication on May 18. This letter transmits comments from SCWA regarding the Draft Prioritization for the Napa-Sonoma Lowlands Subbasin (Basin ID 2-002.03) (**Figure A**).

While the online 2018 Basin Prioritization Dashboard and the “2018 SGMA Basin Prioritization Process and Draft Results” (Process and Draft Results) document provide some clarity as to the Department’s approach to the Draft Prioritization, SCWA believes that the prioritization process should be improved by closer adherence to the requirements of Water Code §10933 and consistent application of prioritization scoring methods between basins. Based on our review of the supporting documentation and data provided by DWR and alternative, equivalent data obtained in lieu of data from DWR, we find that the total Draft Priority Point score for the Napa-Sonoma Lowlands Subbasin (Lowlands Subbasin) is greater than is supported by available data. Revisions to the Priority Point scores for Components 3, 6, and 7, as described in the following paragraphs, result in score that is more consistent with the methods described in the Draft Process and Results document and more consistent with Water Code §10933.

The paragraphs that follow focus on components of particular concern with respect to the Draft Prioritization of the Lowlands Subbasin. **Table 1** summarizes the Basin Priority scoring applied in 2014, the Draft 2018 scoring, and a modified 2018 scoring based on the review presented in this letter. The modified 2018 scoring results in a Total Priority Point score of 11.5, within the

¹ Sustainable Groundwater Management Act

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range defined as Low Priority. As applicable, additional data referenced in the discussion below will accompany this letter as part of the submittal to the DWR Basin Prioritization webpage.

Table 1. Basin Priority Comparison and Review, NAPA-SONOMA VALLEY – NAPA-SONOMA LOWLANDS SUBBASIN (2-002.03)

	2014	2018 DWR Draft	2018 Review Results
COMPONENT 1 - POPULATION			
PRIORITY POINTS	2	2	2
COMPONENT 2 - POPULATION GROWTH			
PRIORITY POINTS	0	2	2
COMPONENT 3 - PUBLIC SUPPLY WELLS*			
PRIORITY POINTS	2	3	2
COMPONENT 4 - TOTAL WELLS			
PRIORITY POINTS	3	2	2
COMPONENT 5 - IRRIGATED ACRES*			
PRIORITY POINTS	2	2	2
COMPONENT 6 - GROUNDWATER RELIANCE*			
PRIORITY POINTS	0	2	1.5
COMPONENT 7 – DOCUMENTED IMPACTS*			
OVERDRAFT (DECLINING GROUNDWATER LEVELS) IMPACT POINTS*		0	0
SALINE INTRUSION IMPACT POINTS		5	0
SUBSIDENCE IMPACT POINTS		0	0
WATER QUALITY DEGRADATION IMPACT POINTS*		4	1
PRIORITY POINTS	0	2	0
COMPONENT 8 A&B - HABITAT AND OTHER INFO.*			
PRIORITY POINTS	0	0	0
TOTAL PRIORITY POINTS	9	15	11.5
PRIORITY CLASSIFICATION	Very Low	Medium	Low
* See comments provided below.			

COMPONENT 2 – POPULATION GROWTH

The Process and Draft Results document notes that DWR used an updated method or projecting 2030 basin populations, compared to the estimates developed for the 2014 Basin Prioritization. While the description of the updated method is more detailed than was provided in the 2014

Basin Prioritization documentation, two limitations prevent the public from understanding how and why the 2030 basin population estimates were calculated:

1. The data referenced to the Water Plan Update 2018 are not publicly available, and
2. No rationale is provided for including the 2030 hydrologic region and county population projections in the unpublished California Water Plan Update 2018.
3. The method used to estimate 2030 population for the Water Plan Update 2018 are not provided.

The list of data sources for Component 2 includes “2030 hydrologic region and county projections used in the California Water Plan Update 2018” (p. 8). The References section of the Process and Draft Results document list includes an entry for the “California Water Plan – Update 2018 (Draft)” and a hyperlink to a DWR webpage²; however, the DWR webpage for the California Water Plan includes only an incomplete, working draft of the Water Plan Update 2018 dated January 9, 2018. The January working draft does not include the 2030 population estimates by hydrologic region and county. The January working draft also does not appear to describe how 2030 population estimates for hydrologic regions and counties were developed. The Process and Draft Results document also does not describe why population data from the Water Plan Update 2018 were used rather than the U.S. Census Department data for 2000 and 2010 and the California Department of Finance 2030 county projections.

Comments

- The 2014 Basin Prioritization estimated population growth of -0.76% in the Lowlands Subbasin from 2010 to 2030.
- The 2018 Draft Prioritization assigns an estimated population growth of 6.94% over the same period.
- Given that the referenced data are not publicly available, DWR should provide copies of the 2030 population estimates (and 2000 and 2010 population data, as applicable) from the Water Plan Update 2018 that were used for the Draft Prioritization.
- DWR should also provide a description of the method used to develop 2030 population estimates as part of the unpublished Water Plan Update 2018 and clarify the reason for using population data developed for the Water Plan Update 2018 rather than the original source data.

² <https://www.water.ca.gov/Programs/California-Water-Plan/Water-Plan-Updates>

COMPONENT 3 – PUBLIC SUPPLY WELLS

The Draft Prioritization shows a count of 17 active Public Supply Wells (PSW) in the Lowlands Subbasin, as of March 2016, when the Safe Drinking Water Information System (SDWIS) was queried for the Draft Prioritization. On June 6, 2018, DWR posted the statewide dataset used for the Component 3 analysis.

A review of the dataset posted by DWR finds that three of the 17 wells identified as located in the Lowlands Subbasin are located outside of the Subbasin (**Table 2**). Two are located over 6 miles from the Subbasin, elsewhere in Napa County, while one is in San Bernardino County, hundreds of miles away. Removing those wells from the analysis results in a reduction of the PSW density for the Subbasin from 0.26 PSW per square mile to 0.22 PSW per square mile (**Table 3**).

Comments

- The 2018 Draft Prioritization finds that the density of active public supply wells in the Lowlands Subbasin was 0.26 PSW per square mile as of March 2016.
- Available data from the GAMA water quality dataset and SDWIS show three of the 17 PSW are located outside of the Lowlands Subbasin, in one instance hundreds of miles outside the Subbasin.
- As a result, the recalculated PSW density for the Lowlands Subbasin becomes 0.22 PSW per square mile.
- The Priority Point score for Component 3 should be revised to 2.

Table 2. Component 3 Public Supply Wells Not Located in Napa-Sonoma Lowlands Subbasin

Draft Prioritization									Review Results					
Public Water Supply Identification	Public Water Supply Name	Basin - Subbasin Number	Latitude	Longitude	Service Connections	Facility Name	Water Type	Coordinates Assigned	Facility ID	Latitude	Longitude	Basin - Subbasin Number	Coordinates Reference	Facility in Lowlands Subbasin
CA2800683	COUNTRY INN, THE	2-002.03	38.255426	-122.336626	1	WEST WELL	GW	DPH	CA2800683-001	38.334083	-122.247138	-	GAMA WQ Database	No
CA2800536	GRGICH HILLS	2-002.03	38.198158	-122.315813	15	WELL 1	GW	DPH	CA2800536-001	38.466583	-122.429166	2-002.01	Draft Prioritization Component 7d dataset from DWR (June 2018) and SDWIS (June 2018) Water System Details, Physical Facility Address	No
CA3600200	RANCHERITOS MWC	2-002.03	38.213373	-122.310685	131	WELL 01	GW	DPH	CA3600200-001	34.451305	-117.198638	6-042	GAMA WQ Database, Draft Prioritization Component 7d dataset from DWR (June 2018), and SDWIS (June 2018) Water System Details - Primary County Served	No

Table 3. Napa-Sonoma Lowlands Subbasin Public Supply Well Density Review

COMPONENT 3 - PUBLIC SUPPLY WELLS	2018 DWR DRAFT	2018 Review Results
Public Supply Wells	17	14
Public Supply Wells/square mile	0.26	0.22
Component 3 Priority Points	3	2

The Napa-Sonoma Lowlands Subbasin is 63.26 acres in size according to the Draft Prioritization

COMPONENT 5 – IRRIGATED ACREAGE

The Process and Results document states that the 2018 Draft Prioritization used the same method but with updated data compared to the 2014 Basin Prioritization. The Draft Prioritization cites the DWR 2014 statewide crop map as the data source, with “all agriculture identified in the Statewide Crop Mapping 2014 dataset (California Department of Water Resources 2014c) was identified as irrigated unless an agricultural field had been previously identified by DWR as dry-farmed” (p. 15). **Figure B-1** depicts the land use classifications provided for areas within the Lowlands Subbasin in the 2014 Statewide Crop Mapping dataset referenced in the Process and Results documentation for the Draft 2018 Prioritization.

During the June 6 webinar regarding the Draft Prioritization, DWR staff clarified that the Draft Prioritization does not utilize DWR land use maps with water source designations for mapped land use units. **Figure B-2** depicts the water source attributions provided in the 2011 Napa County Land Use Survey performed by DWR that showed 4,650 irrigated acres out of 4,878 cropped acres. **Table 4** shows the comparison between the Draft Prioritization and results from this review. While the difference in irrigated acreage density from the review calculation is not enough to change the Component 5 Priority Point score, the determination of irrigated and un-irrigated croplands is relevant to the Priority Point score assigned for Component 6 - Groundwater Reliance.

Table 4. Napa-Sonoma Lowlands Subbasin Irrigated Acres Review

COMPONENT 5 - IRRIGATED ACRES	2018 DWR DRAFT	2018 Review Results
Irrigated Acres	4,880	4,650
Irrigated Acres/square mile	77.14	73.51
Component 5 Priority Points	2	2

COMPONENT 6 – GROUNDWATER RELIANCE

The Process and Results document lists three data sources used to estimate agricultural water use and five data sources used to estimate urban water use. The data sources for estimating agricultural water use include the California Simulation of Evapotranspiration of Applied Water v3.2 (Cal-SIMETAW model) and the California Water Plan Update 2018. As noted above, the California Water Plan Update 2018 is not yet available to the public as a complete draft. Cal-SIMETAW model datasets are also not available to the public. Data sources used for estimating urban water use include water purveyor boundaries compiled from multiple sources and a 2014 population dataset developed by Nielsen Claritas. Without access to those data sources, it is not possible to provide a complete review of the draft results published for Component 6.

The Draft Prioritization records a groundwater usage density of 0.13 Acre-ft/acre in the Lowlands Subbasin, accounting for 32% of the total water supply. Applying methods consistent with those described in the Process and Results document and publicly-available datasets finds a groundwater usage density of 0.08 Acre-ft/acre, with groundwater composing 22% of the total water supply (**Table 5**). Data sources for the review included publicly-available data such as the 2015 Urban Water Management Plans for the Cities of Vallejo and American Canyon, U.S. Census Bureau 2010 Census Block data, 2011 and 2014 land use datasets described above regarding Component 5, and crop irrigation rates calculated for the Napa Valley Subbasin 2016 Basin Analysis Report (BAR).

Comments

- The 2014 Basin Prioritization for the Lowlands Subbasin estimated total annual groundwater use in 2010 of 1,061.9 Acre-ft with 16% of the total water supply provided by groundwater.
- The 2014 Basin Prioritization also reported 5,159 irrigated acres in the Lowlands Subbasin as of 2010. The 2018 Draft Prioritization now shows irrigated acreage decreasing to 4,880 acres with 2014 estimated annual groundwater use increasing by 413% to 5,448.9 Acre-ft.
- A review based on publicly available data finds a groundwater usage of about 3,500 Acre-ft per year with groundwater providing 22% of the total water supply in the Lowlands Subbasin.
- Based on the results of this review, the Priority Point score for Component 6 should be revised to 1.5.

Table 5. Napa-Sonoma Lowlands Subbasin Groundwater Reliance Review

COMPONENT 6 - GROUNDWATER RELIANCE	2018 DWR DRAFT	2018 Review Results
Groundwater Use (Acre-ft)	5,449	3,438
Groundwater Use (Acre-ft/Basin Acre)	0.13	0.08
<i>Component 6a Priority Points</i>	2	1
Groundwater Percent Supply	32%	22%
<i>Component 6b Priority Points</i>	2	2
Component 6 Priority Points	2	1.5

COMPONENT 7.C – DOCUMENTED SALINE INTRUSION

The Process and Results document describes the process used for assessing documented saline intrusion as follows:

“Saline intrusion in the coastal and Delta groundwater basins, as defined in Bulletin 118 – Interim Update 2016, was determined by researching available documents for references of past or present excess salinity problems.

The primary source of information used was local reports and studies that focused on the challenges of saline intrusion within individual basins. The reports and studies directed at managing or preventing saline intrusions were related to:

- *Water quality analyses.*
- *Projects designed to stop or reverse current or past intrusions.*
- *Groundwater management re-operation that reduced or shifted current operations to other parts of the basin, or invested in enhanced groundwater and surface water conjunctive management.*

No determination was made to differentiate between the severity of individual saline intrusion impacts because there are too many variables to consider and this differentiation is beyond the scope of basin prioritization, which only requires DWR to identify that the condition exists in the basin. As such, 5.0 points were assigned to any basin that exhibited impacts of saline intrusion.” (p.22)

This approach appears not only to avoid “differentiation between the severity of individual saline intrusion impacts” but also any consideration of the conditions that can result in elevated salinity in coastal and Delta groundwater basins, whether they are a result of groundwater use in the basin or not. The application of this approach for the 2018 Draft Prioritization also appears to be very inconsistent from basin to basin. For example, DWR has assigned a Saline Intrusion Impact Score of 0 to the Eel River Valley Basin (Basin ID 1-010), while describing conditions in the basin as follows:

“1) Seawater Intrusion Conditions: The principal aquifers within the Basin are in good hydrologic connection with the ocean along approximately 10 miles of coastline. The westernmost portion of the valley consists of a broad, low-lying coastal plain within intertidal/brackish marsh and wetlands. The tidal influence within the Eel River extends upstream of Fernbridge approximately 12 miles inland from the mouth. Source: EelRiverGWAltPlan-rpt-Final-20161230.pdf 2) Chloride concentrations in excess of the 250 milligrams per liter drinking-water recommendation are reported in water from wells near the Eel River as much as 4 miles inland from the Pacific Ocean, suggesting that the source

of the chloride is brackish water from the tidal reaches of the river.

Source: CoastalBasins-USGS_GW_Atlas1995(HA730-B_CoastalBasinsAquifers).pdf”

DWR also assigned a Saline Intrusion Impact Score of 0 to the Carpinteria Basin (Basin ID 3-018), while describing conditions in the basin as follows:

“1) Groundwater quality is generally good for municipal and agricultural uses. There are localized areas with high TDS near the Pacific Ocean due to seawater intrusion (DWR 2004an, 2004ao, 2004ap, 2004aq, 2004ar, 2013e; GWD and LCMWC 2010). Source: LTO-EIS_USBR-Chapter7-GWResources.pdf 2) Groundwater levels in most of the basin, based on springtime measurements of water levels in qualified wells, are above sea level. A pumping depression exists in the central portion of the basin, with water levels as deep as about 15 feet below sea level and several feet below sea level at the coast, a condition that could allow sea water intrusion; however, there has been no documented evidence of seawater intrusion in the basin. Based on current data (Fugro, 2011), and CVWD’s ability to conjunctively use imported surface water from the Central Coast Water Authority (i.e., State Water Project), and local surface water from Lake Cachuma, annual groundwater demand is, on average, about 1,400 AFY less than the estimated safe yield of 5,000 AFY. Source: SantaBarbaraCountyGWReport-2011.pdf”

For the Lowlands Subbasin, DWR assigned a Saline Intrusion Impact Score of 5 with the following rationale:

“1) Sources of chloride in the north San Francisco Bay area aquifers include seawater intrusion, thermal water, and dissolved minerals from marine and volcanic rocks. The valleys most affected by large chloride concentrations are the Petaluma, the Sonoma, and the Napa, in which seawater intrusion caused by excessive ground-water withdrawals has been the primary source (fig. 110). Reduced withdrawals and increased surface-water imports have helped alleviate the salinity problem. Source: CoastalBasins-USGS_GW_Atlas1995(HA730-B_CoastalBasinsAquifers).pdf”

The 1995 USGS report Figure 110 references a 1975 DWR report on “Sea-Water Intrusion in California, Inventory of Coastal Ground Water Basins”. DWR (1975) Figure 3 appears to be the basis for the 1995 USGS report Figure 110. DWR Figure 3 has a legend that shows some of the information is from well samples in 1962 and “intrusion” is based on 100 ppm chloride concentrations (note: California secondary standard for drinking water is 250 ppm). The area shown in the 1975 report does not indicate the complete basis for the mapping. However, DWR (1975) indicates that this (i.e., The area

shown in Figure 3) was likely a more realistic evaluation of conditions (*i.e., DWR does not say that conditions had changed*).

For both the Napa Valley Subbasin and the Napa-Sonoma Lowlands Subbasin, the 2018 Draft Prioritization concludes “No Declining GW Levels” (Component 7a). Stable groundwater levels are supported by the Napa Valley Subbasin Basin Analysis Report (BAR) and contradict the USGS 1995 report statement that “The valleys most affected by large chloride concentrations are the Petaluma, the Sonoma, and the Napa, in which seawater intrusion caused by excessive ground-water withdrawals has been the primary source (fig. 110).” The USGS report references the 1975 DWR report (and other DWR reports for Sonoma County) with no further analysis. The DWR 1975 report vaguely says “intrusion is suspected” but it is not defined (for the Napa-Sonoma-Solano areas adjacent to the Bay), and DWR (1975) states that report was not designed to arrive at conclusions. DWR speculates about pumping (page 108) based on the weak hypothesis that the mechanism looks like that which is occurring in Petaluma Valley. The USGS (1995), *without additional investigation*, concludes that “seawater intrusion caused by excessive ground-water withdrawals has been the primary source”, and this is in reference to the Sonoma/Napa/Solano area.

The Napa Valley Subbasin BAR describes the natural seawater/freshwater interface that occurs south of the Napa Valley Subbasin; its exact location has not been determined. “Tidal fluctuations in San Pablo Bay influence water level elevations along the lower Napa River. The magnitude and timing of these fluctuations indicate a close connection between tidal-surface water-river water where mixing of fresh and saline waters can occur. South of the Subbasin, several wells have been historically monitored. The highest historically observed concentrations of naturally occurring salt-related constituents, such as chloride and total dissolved solids concentrations, are observed in the three groundwater subareas south of the Napa Valley Subbasin in the Napa River Marshes, Jameson/American Canyon, and Carneros Subareas.” (In BAR Executive Summary, ES 4.4) (See also BAR Section 4.3).

Comments

- The approach to assigning impact points for salt water intrusion is highly subjective, inconsistently applied from basin to basin, and overly simplified given the equal weighting applied when summing cumulative impact points for the four sub-components of Component 7.
- In assigning a maximum score of 5 for salt water intrusion to the Lowlands Subbasin, the 2018 Draft Prioritization references a 1995 USGS report that itself references a 1962 dataset depicting areas interpreted as having chloride concentrations greater than 100 parts per million (ppm), which is less than half the California secondary MCL of 250 ppm.
- The 1962 data were earlier published by DWR, in Bulletin 63 (1975), without attribution of a cause associated with the chloride concentrations found in the

area. While a 1960 USGS Water Supply Paper³ describes possible reasons for chloride concentrations in the area including:

- In the tidal marsh area south of Napa and in the alluvial plain along the Napa River in and south of Napa-- both areas underlain mostly by younger alluvium-- the chloride content of the water is relatively high.
 - The younger alluvium in the area south of Napa was deposited in brackish water of San Pablo Bay, which originally may have extended north to, and perhaps beyond, Napa, and the salty water is at least partly connate.
 - Connate water may also originate from the Sonoma Volcanics.
- Groundwater chloride concentrations documented in 1962 and republished in 1995 without evaluating change over time or the conditions or processes that result in elevated concentrations do not constitute a “documented impact” in accordance with Water Code §10933(b)(7).
 - The Component 7c impact for salt water intrusion should be revised to a score of 0.

COMPONENT 7.D – DOCUMENTED WATER QUALITY DEGRADATION

The Process and Results document describes a two-part analysis of water quality data for Component 7d to evaluate “both the magnitude of documented groundwater contamination and extent of impact to public drinking water” (p. 22). Data sources referenced include:

- SWRCB, Division of Drinking Water – Public Supply Database, all active wells (March 2016)
- SWRCB – GeoTracker Groundwater Ambient Monitoring and Assessment (GAMA) secure database (Division of Drinking Water, reported Water Quality results (as of April 4, 2017), and
- SWRCB – Maximum Contaminate [sic] Level (MCL) list (as of November 2017).

For this review, both the Component 7.d.1 Magnitude of Water Quality Degradation analysis and Component 7.d.2 Extent of Documented Groundwater Contamination analyses were replicated using the methods described in the Process and Results document. Water quality data were obtained for the analyses through a query of the GeoTracker GAMA secure database. The query was run in May 2018, prior to DWR releasing the Component 7d water quality records used in the Draft Prioritization

³ Kunkel, F. and J.E. Upson. 1960. Geology and groundwater in Napa and Sonoma Valleys Napa and Sonoma Counties California. U.S. Geological Survey Water Supply Paper 1495.

analyses. For Component 7.d.2 the revised total number of public supply wells described in the review of Component 3 was used. Results are presented in **Table 6**.

The Magnitude of Water Quality Degradation analysis used by DWR for Component 7.d.1 applies equal consideration to exceedances of naturally-occurring constituents and anthropogenic constituents. The methods used for the Component 7.d.1 analysis also provide no consideration of whether MCL exceedances occur throughout a basin or in localized areas within of a basin, and no consideration of any trends in water quality over time. All three of these aspects of the method applied for the 2018 Draft Prioritization are inconsistent with the charge in Water Code §10933(b)(7) to evaluate “water quality degradation”.

Concentration of naturally-occurring constituents that exceed regulated drinking water standards are a relevant consideration for water system operators responsible for developing supplies of adequate quantity and quality to serve their users; however, DWR is charged with evaluating “water quality degradation” for the purposes of prioritizing groundwater elevation monitoring and SGMA implementation. For example, Iron (Fe) and Manganese (Mn) both naturally occur at high concentrations in groundwater in the region. It is incorrect to include these in an assessment of “impacts” in the context of anthropogenic degradation.

Temporal trends in groundwater quality were considered for this review analysis. Time-series plots for public supply wells with a recorded MCL exceedance are attached to this letter. The majority of wells show stable concentrations over time. Some wells do exhibit increasing concentrations over time, but the results are not indicative of a condition occurring throughout the basin.

Table 6 shows a greater number of MCL exceedances when including all chemical constituents with an MCL as of November 2017 (i.e., 62 exceedances compared to 56 in the results in the Draft Prioritization). This may be the result of additional data having been added to the GAMA secure database between April 2017 when DWR queried the database and May 2018 when the database was queried for the review analysis. **Table 6** shows that for the review analysis for the Magnitude of Water Quality Degradation analysis, excluding naturally-occurring Iron and Manganese results in a Component 7.d.1 score of 1. The Extent of Contamination score for Component 7.d.2 remains unchanged, at a value of 2, after incorporating the reduced number of public supply wells in the Lowlands Subbasin as of March 2016. Based on the sum of the two sub-component scores, the Component 7.d Water Quality Documented Impacts Point score is reduced from 4 in the Draft Prioritization to 1.

Accounting for the revised Impact Point scores for saline intrusion and water quality degradation, the Priority Point score for Component 7 is reduced from 2 to 0 (**Table 7**).

Table 6. Napa-Sonoma Lowlands Subbasin Water Quality Degradation Review

	2018 DWR DRAFT	2018 Review Results	
Water Quality Impacts Assessment Steps	Considering All Chemicals ¹	Considering All Chemicals ¹	Considering All Chemicals Except Mn and Fe
Count of Exceedances	56	62	26
Average Relative MCL Exceedance (ARME)	8.2	12.1	1.5
<i>Component 7.d.1 ARME Points</i>	5	5	1
Count of Wells Analyzed for WQ	unknown	14	
Count of Wells Used for Extent ²	17	14	
Count of Wells with Exceedances	9	8	7
Extent of Groundwater Contamination (ECG)	0.53	0.57	0.50
<i>Component 7.d.2 EGC Points</i>	2	2	2
WQ Related Degradation Points (Sum of ARME and EGC Points)	7	7	3
Component 7.d Water Quality Documented Impact Points	4	4	1
<p>¹ All chemicals with a primary Maximum Contaminant Level (MCL), secondary MCL, of Public Health Goal established as of November 2017, per the Draft Prioritization Process and Results document.</p> <p>² The review results reflect the corrected count of 14 Public Supply Wells located in the Napa-Sonoma Lowlands Subbasin as of March 2016, out of 17 identified in the Draft Prioritization.</p>			

Table 7. Napa-Sonoma Lowlands Subbasin Documented Impacts Review

COMPONENT 7 – DOCUMENTED IMPACTS	2018 DWR DRAFT	2018 Review Results
GROUNDWATER OVERDRAFT (DECLINING GROUNDWATER LEVELS)	0	0
SALINE INTRUSION IMPACT POINTS	5	0
SUBSIDENCE IMPACT POINTS	0	0
WATER QUALITY IMPACT POINTS	4	1
PRIORITY POINTS	2	0

Comments

- Inclusion of all naturally-occurring constituents (such as iron and manganese) as part of the basin prioritization water quality analysis is not consistent with Water

Code §10933, which requires prioritization that includes “impacts on the groundwater basin, including... water quality degradation.”

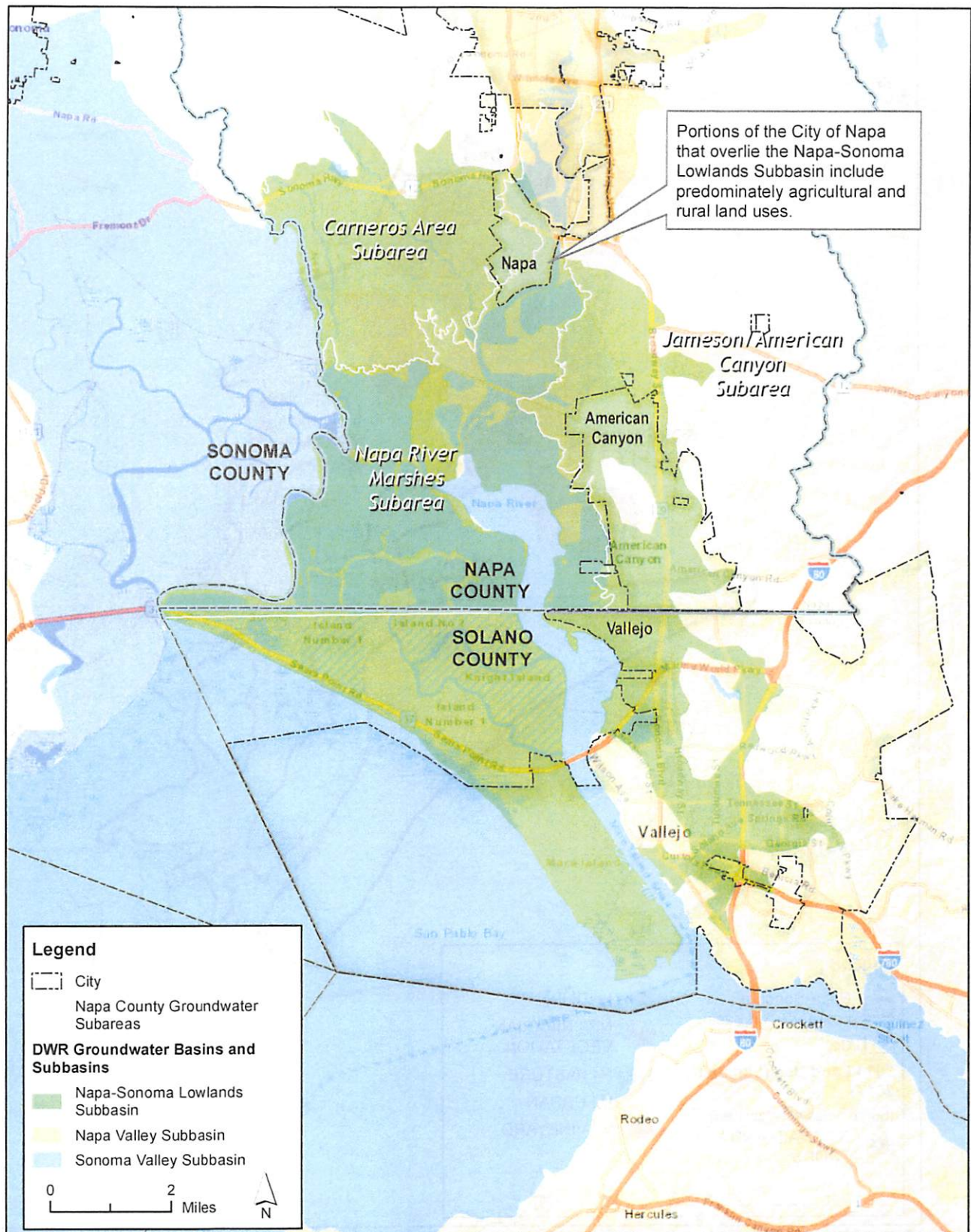
- Maximum Contaminant Levels (MCL) for naturally-occurring constituents are relevant for drinking water system operations, but do not necessarily reflect an “impact” relevant to the groundwater basin prioritization established in the Water Code.
- The methods used for the Draft Prioritization do not consider the spatial distribution of water quality exceedances nor temporal trends. On the contrary, the methods give equal weight to any single result that occurred in a well at any time over a 17-year period, regardless of when it occurred, regardless of the number of times that an MCL exceedance occurred at a given well or across the Subbasin, and even regardless of whether another result from the same well with the same sample date found no MCL exceedance. In the Lowlands Subbasin there is no documented basin-wide reduction in water quality over time.
- The Component 7.d impact score for water quality degradation should be revised to a score of 1.
- The Component 7 Priority Point score for Documented Impacts should be revised to a score of 0.

Thank you for taking the time to review these comments. If you have any questions, please contact Chris Lee on my staff at (707) 455-1105 or at clee@scwa2.com.

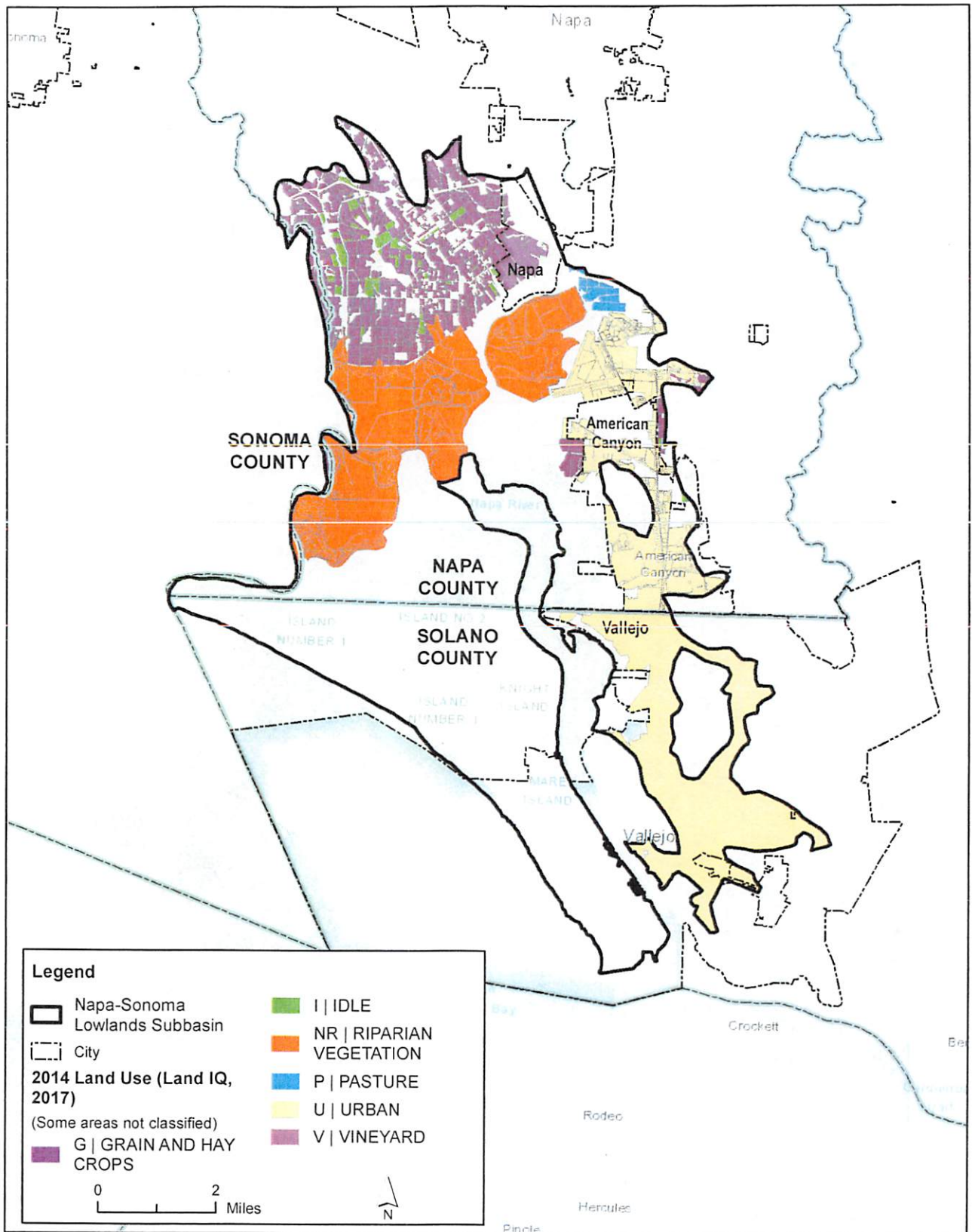
Sincerely,

Roland Sanford,
General Manager

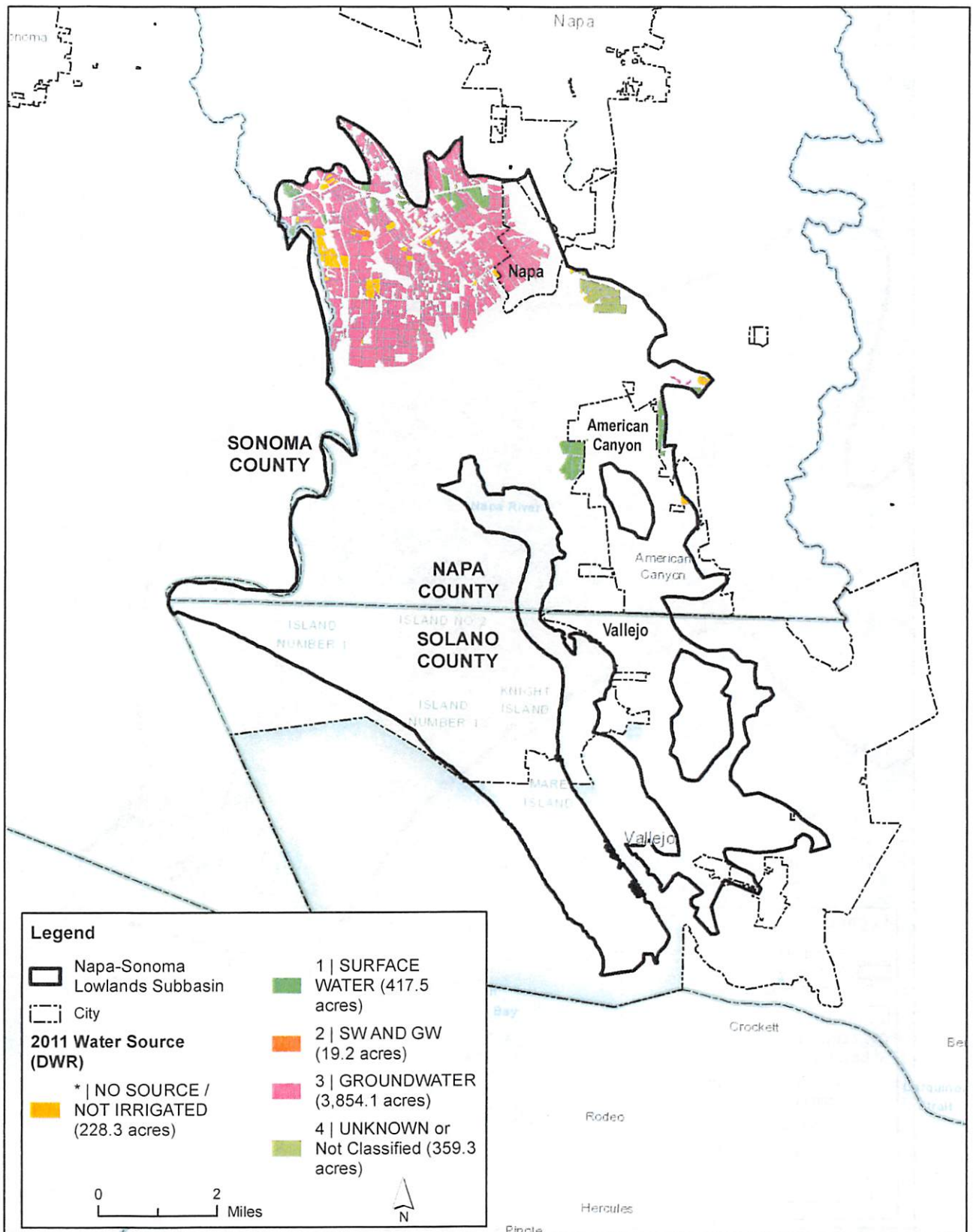
Attachment: Time-series Plots of GAMA Public Supply Wells with Groundwater Quality
MCL Exceedances



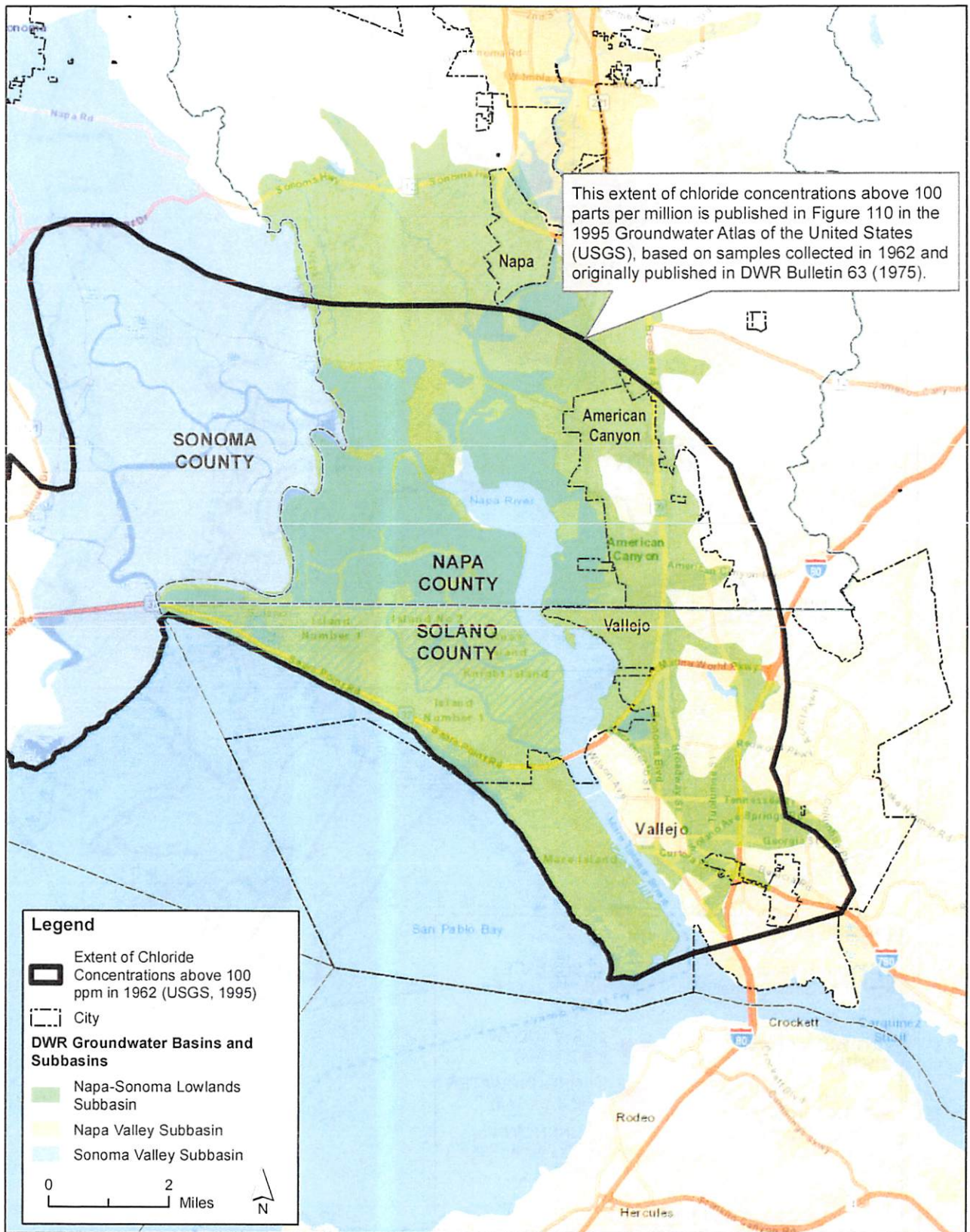
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X:\2017\17-030 Napa Co. - 2017-2018 General Services\GIS\2018 Basin Reprioritization\NS Lowlands 2014 Land Use.mxd



X:\2017\17-030 Napa Co. - 2017-2018 General Services\GIS\2018 Basin Reprioritization\NS Lowlands 2011 Water Source.mxd



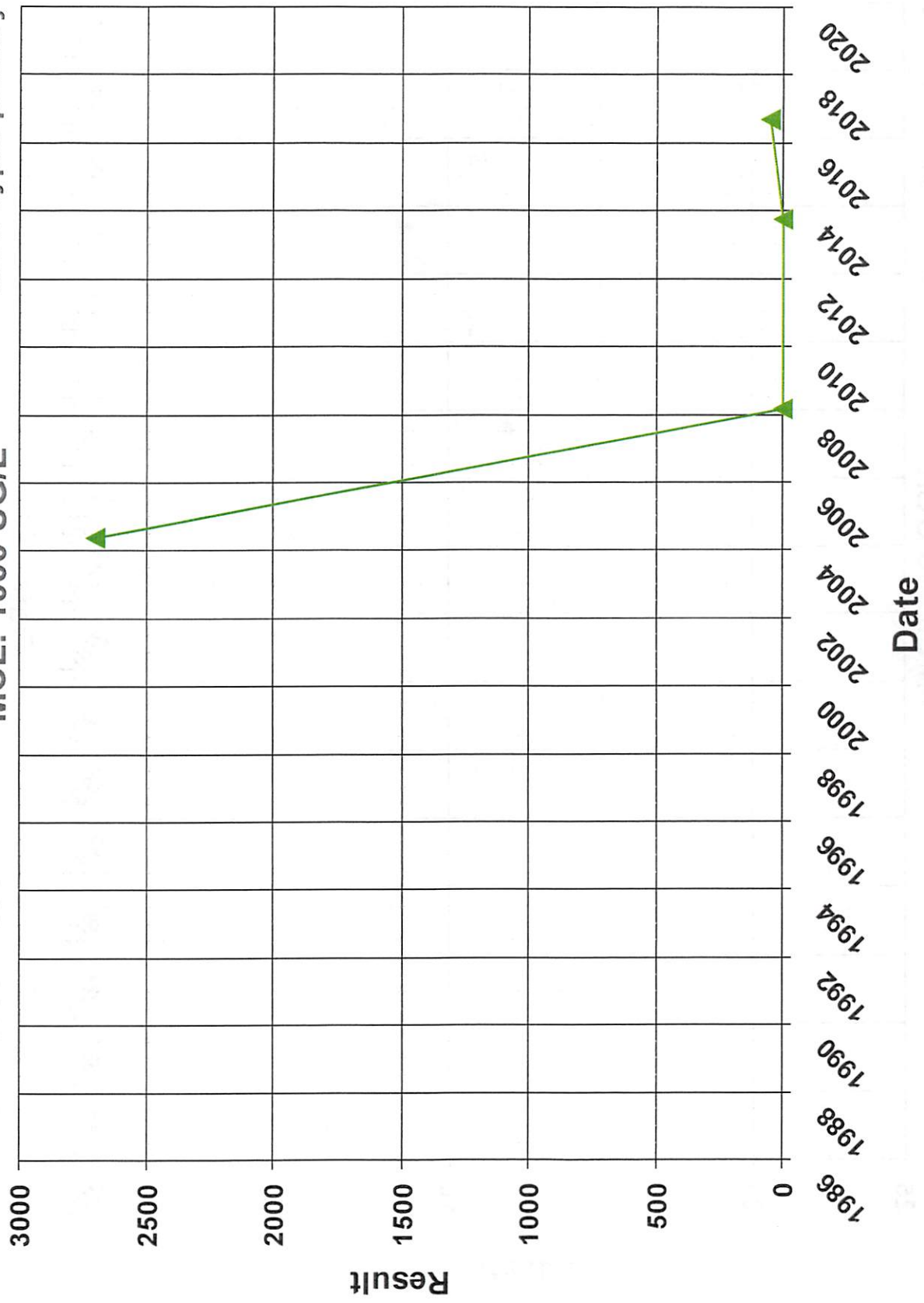
X:\2017\17-030 Napa Co. - 2017-2018 General Services\GIS\2018 Basin Reprioritization\NS Lowlands USGS 1995 Elevated Chloride.mxd

ALUMINUM

Well ID: 2800847-001

MCL: 1000 UG/L

MCL Type: primary

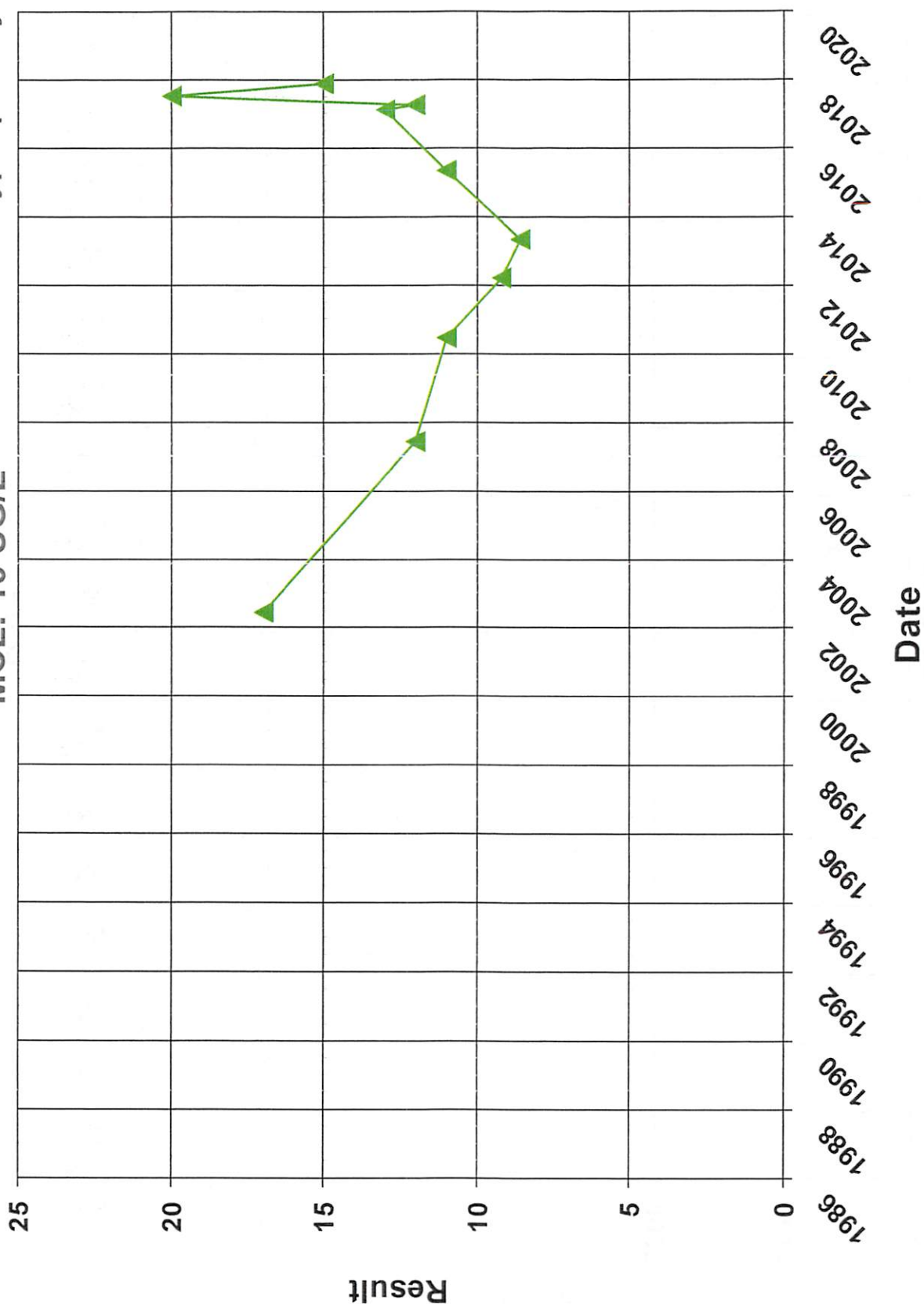


ARSENIC

Well ID: 2801011-002

MCL: 10 UG/L

MCL Type: primary

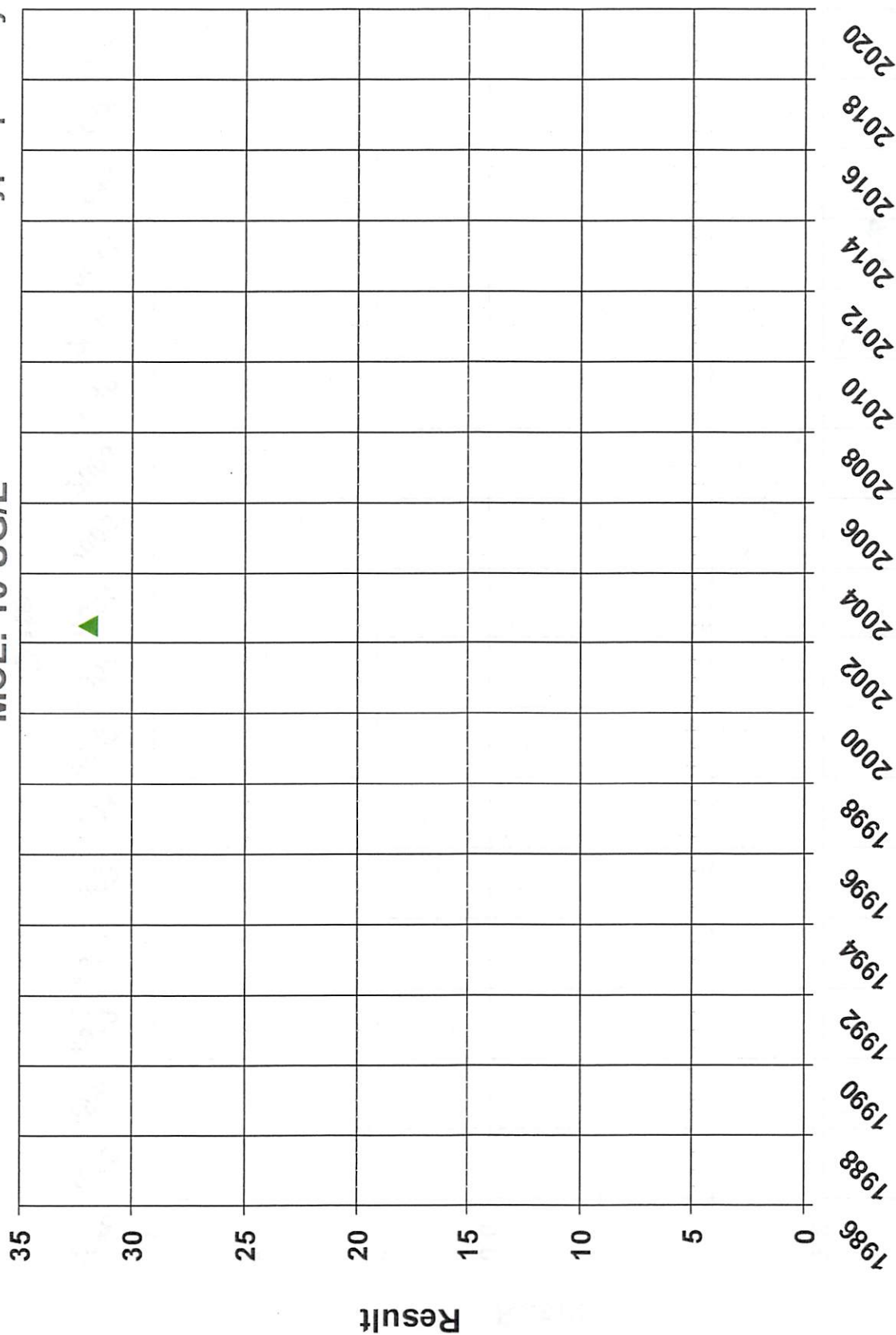


ARSENIC

Well ID: 2800664-001

MCL: 10 UG/L

MCL Type: primary

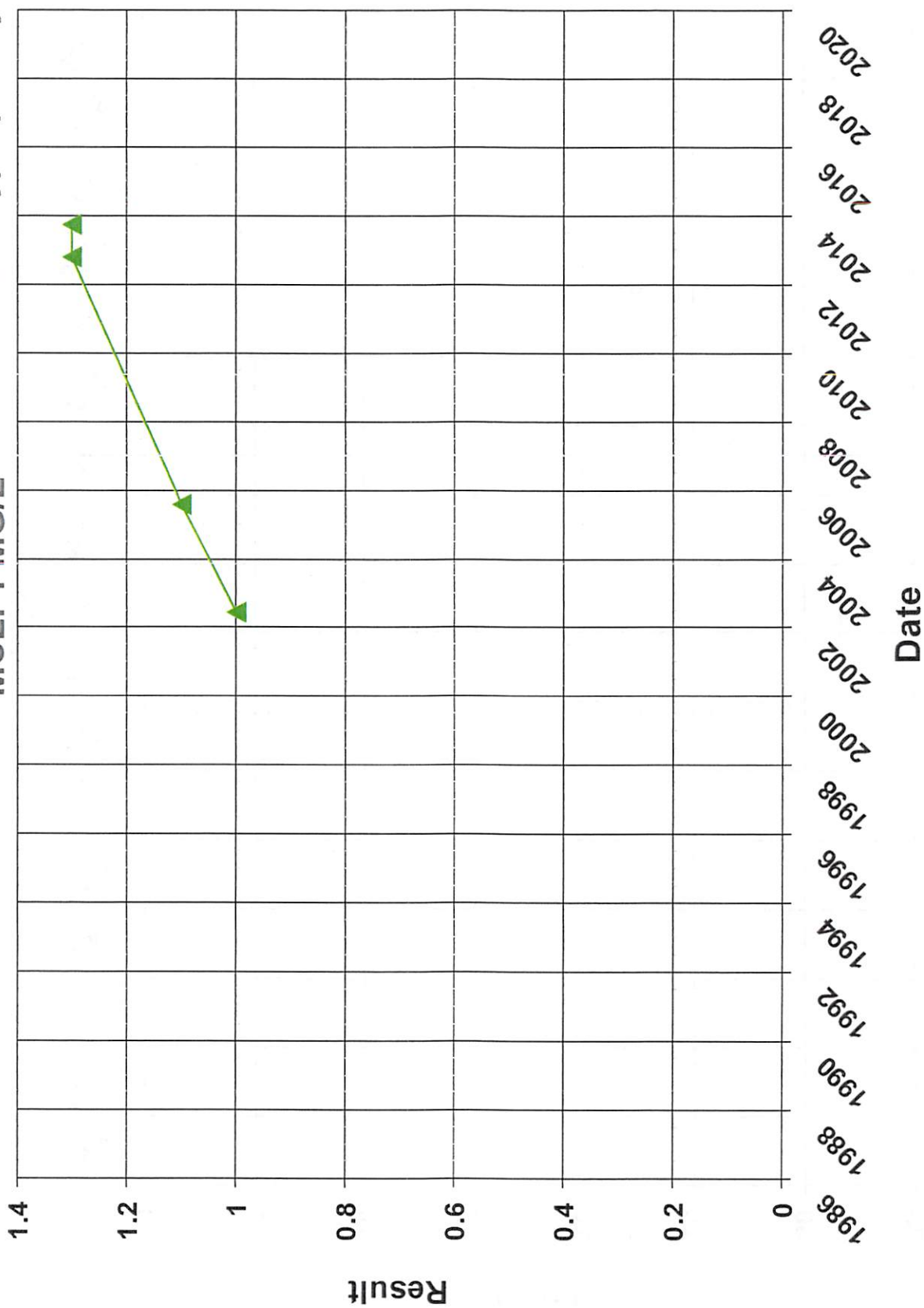


BARIUM

Well ID: 2801080-001

MCL: 1 MG/L

MCL Type: primary

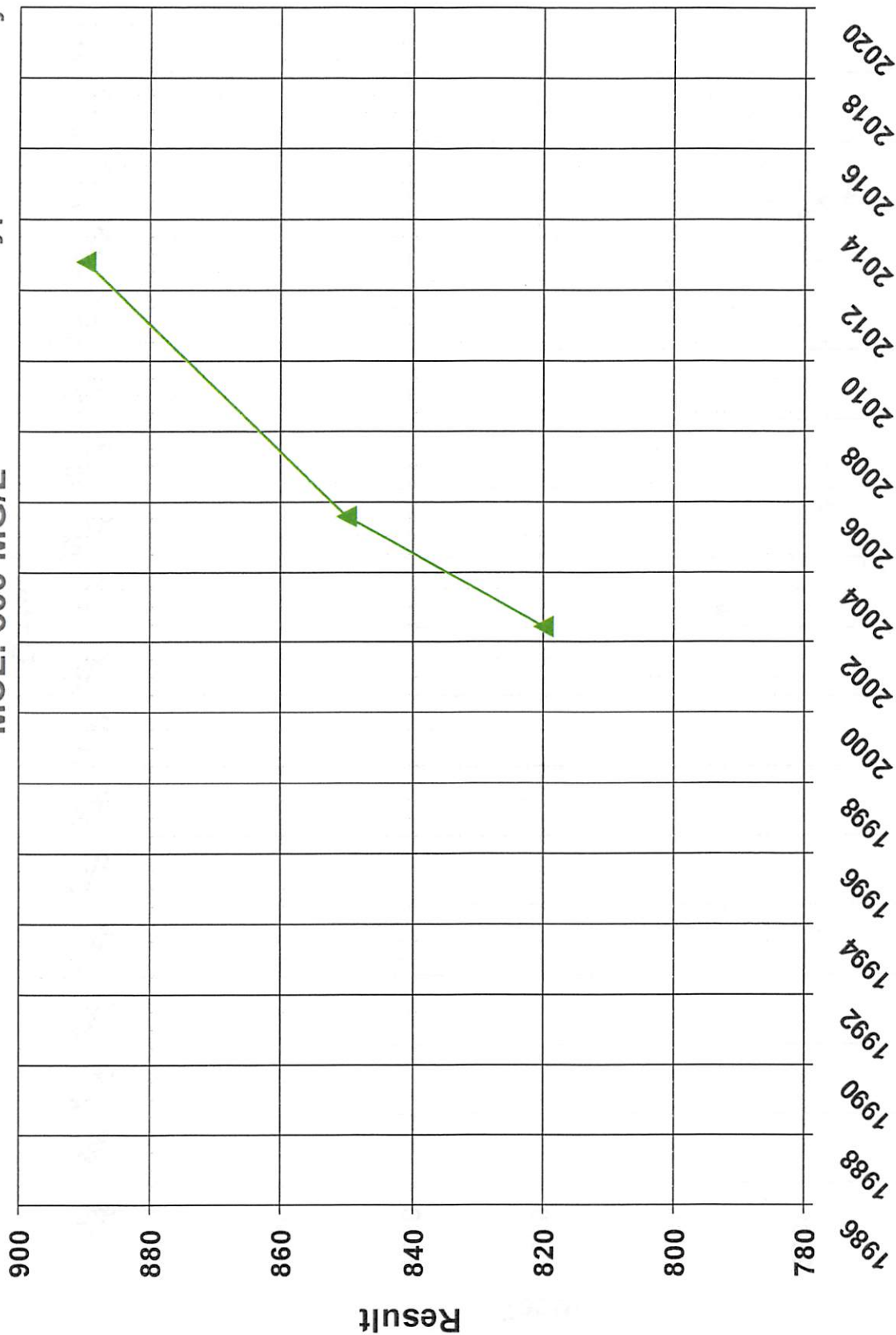


CHLORIDE

Well ID: 2801080-001

MCL: 500 MG/L

MCL Type: secondary

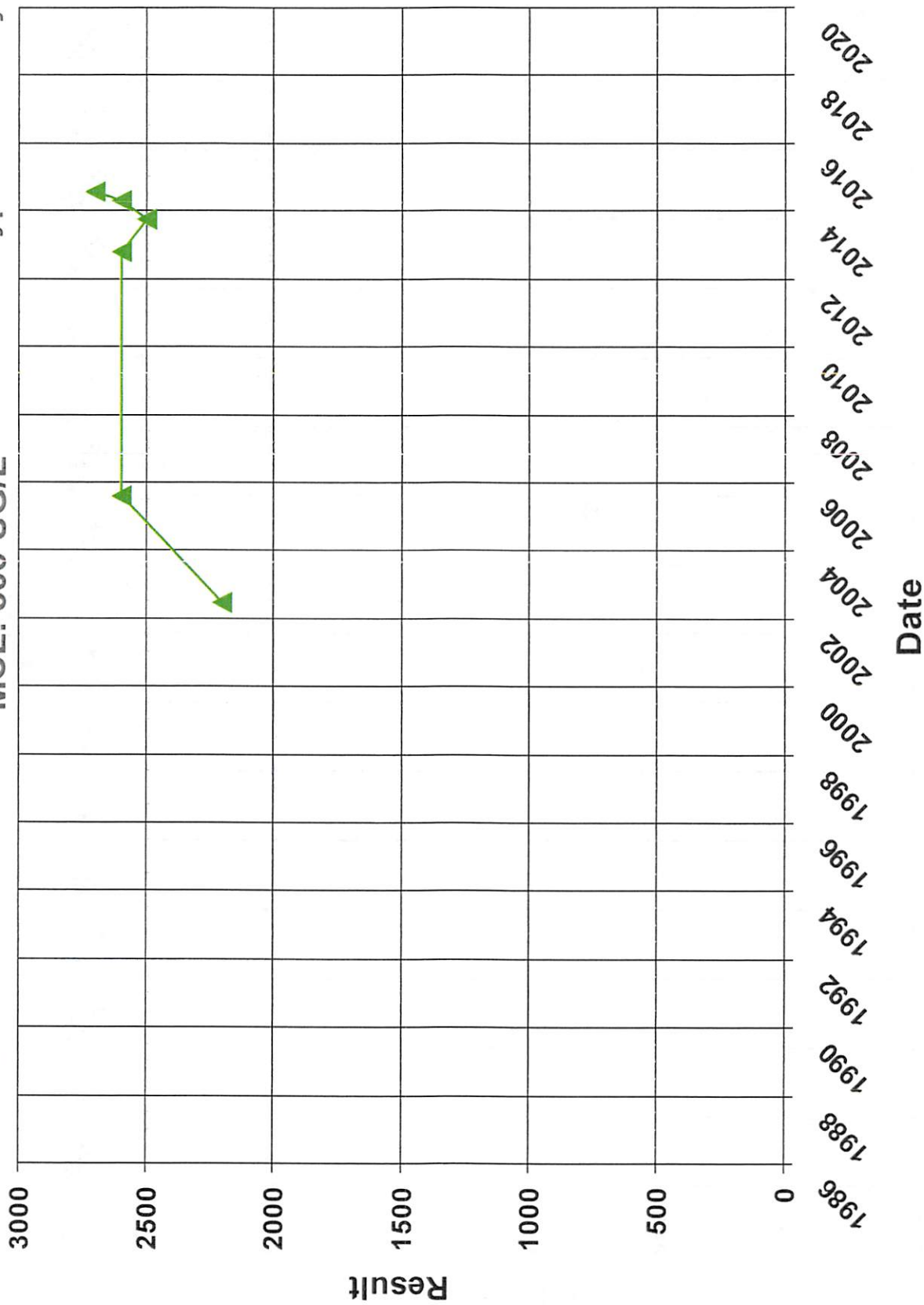


IRON

Well ID: 2801080-001

MCL: 300 UG/L

MCL Type: secondary

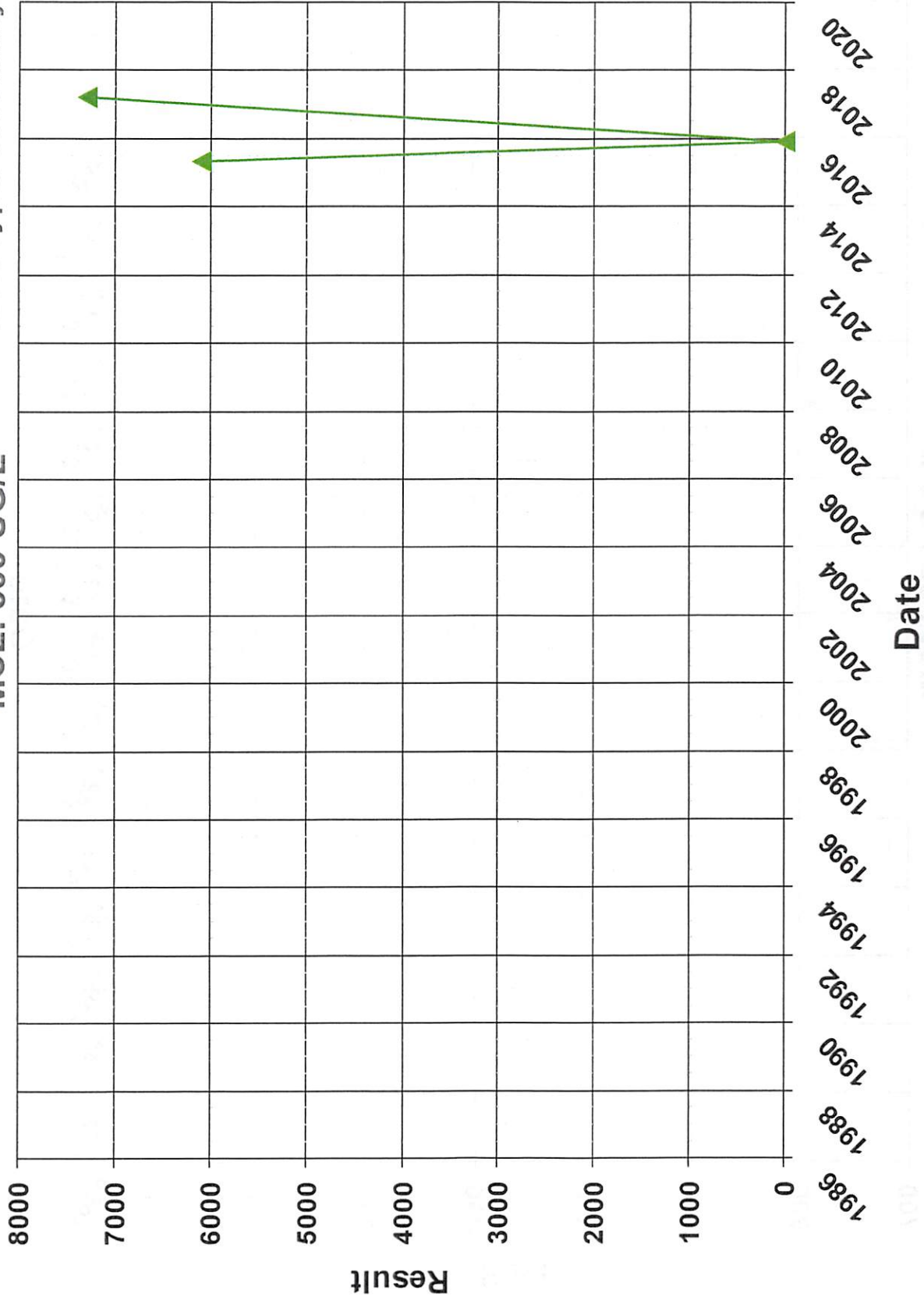


IRON

Well ID: 2801002-001

MCL: 300 UG/L

MCL Type: secondary

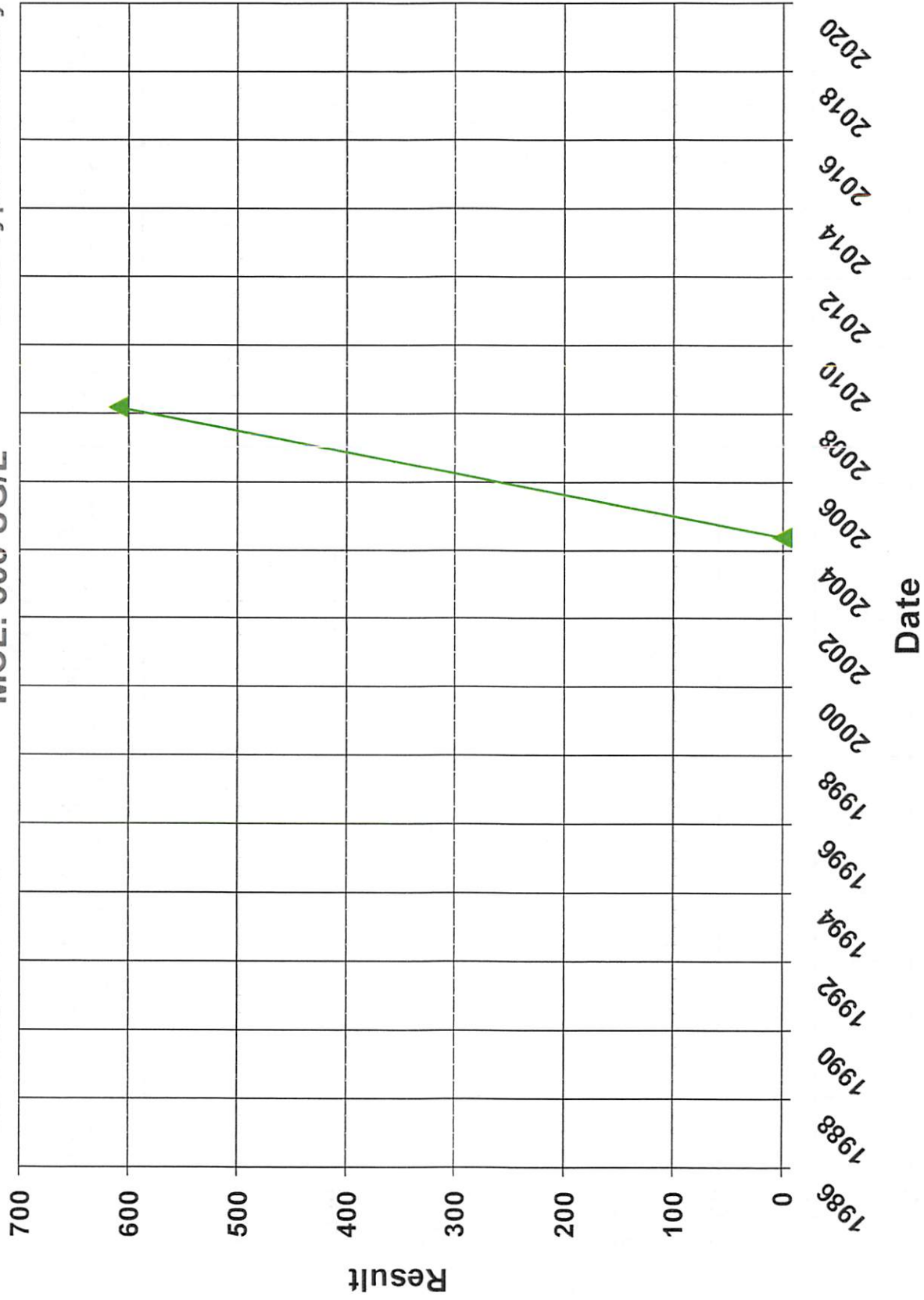


IRON

Well ID: 2800847-001

MCL: 300 UG/L

MCL Type: secondary

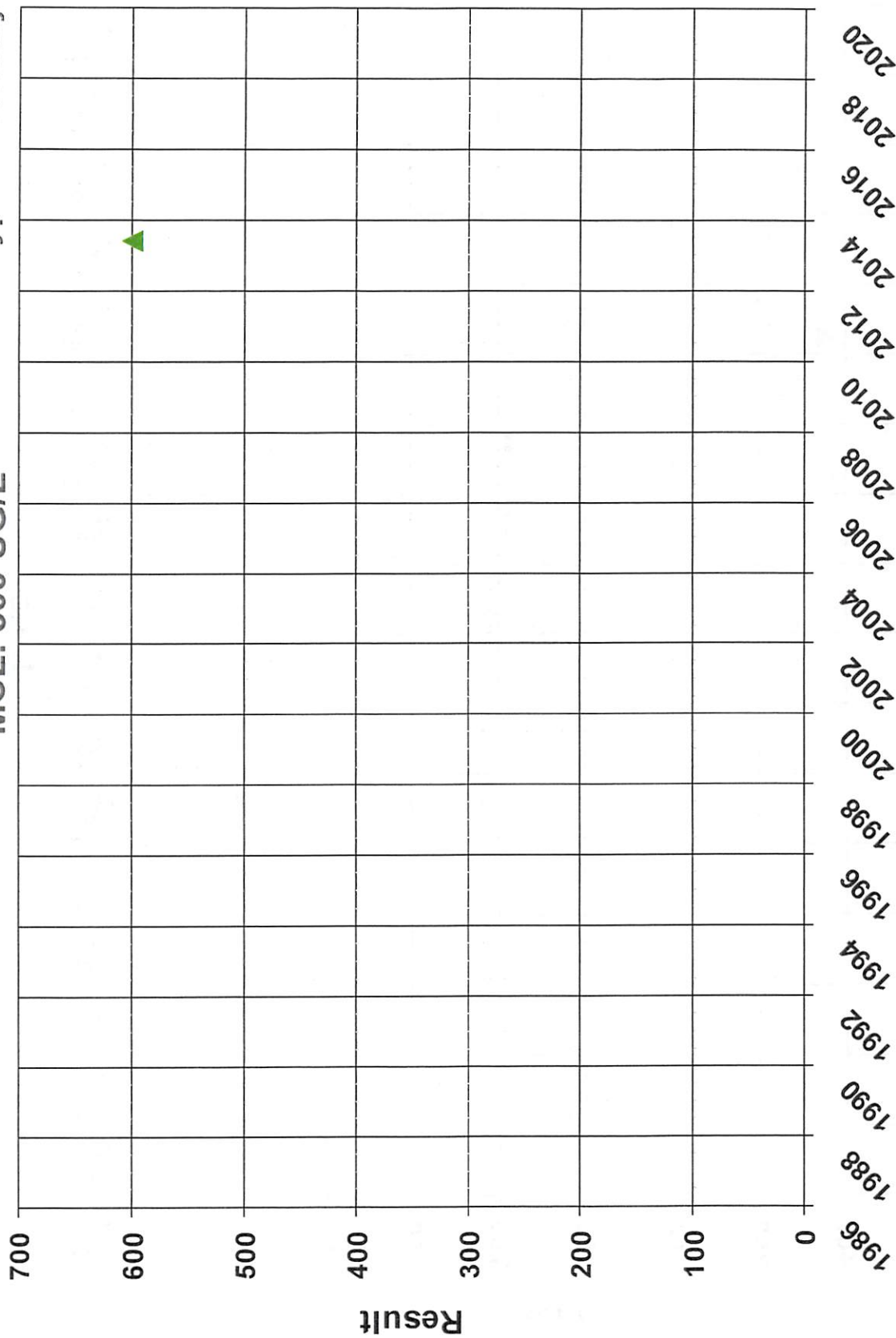


IRON

Well ID: 2800811-003

MCL: 300 UG/L

MCL Type: secondary



IRON

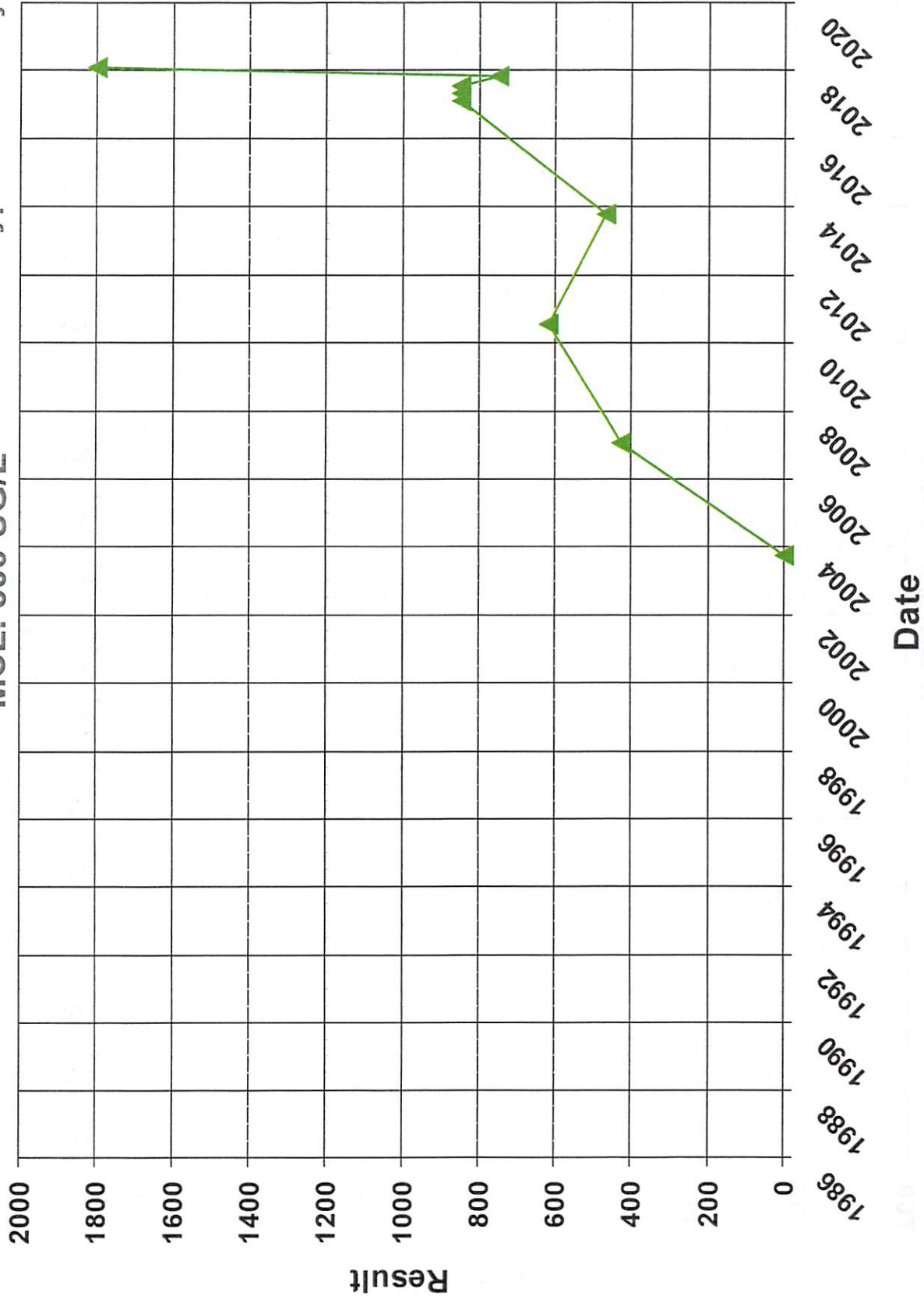


IRON

Well ID: 2800530-001

MCL: 300 UG/L

MCL Type: secondary

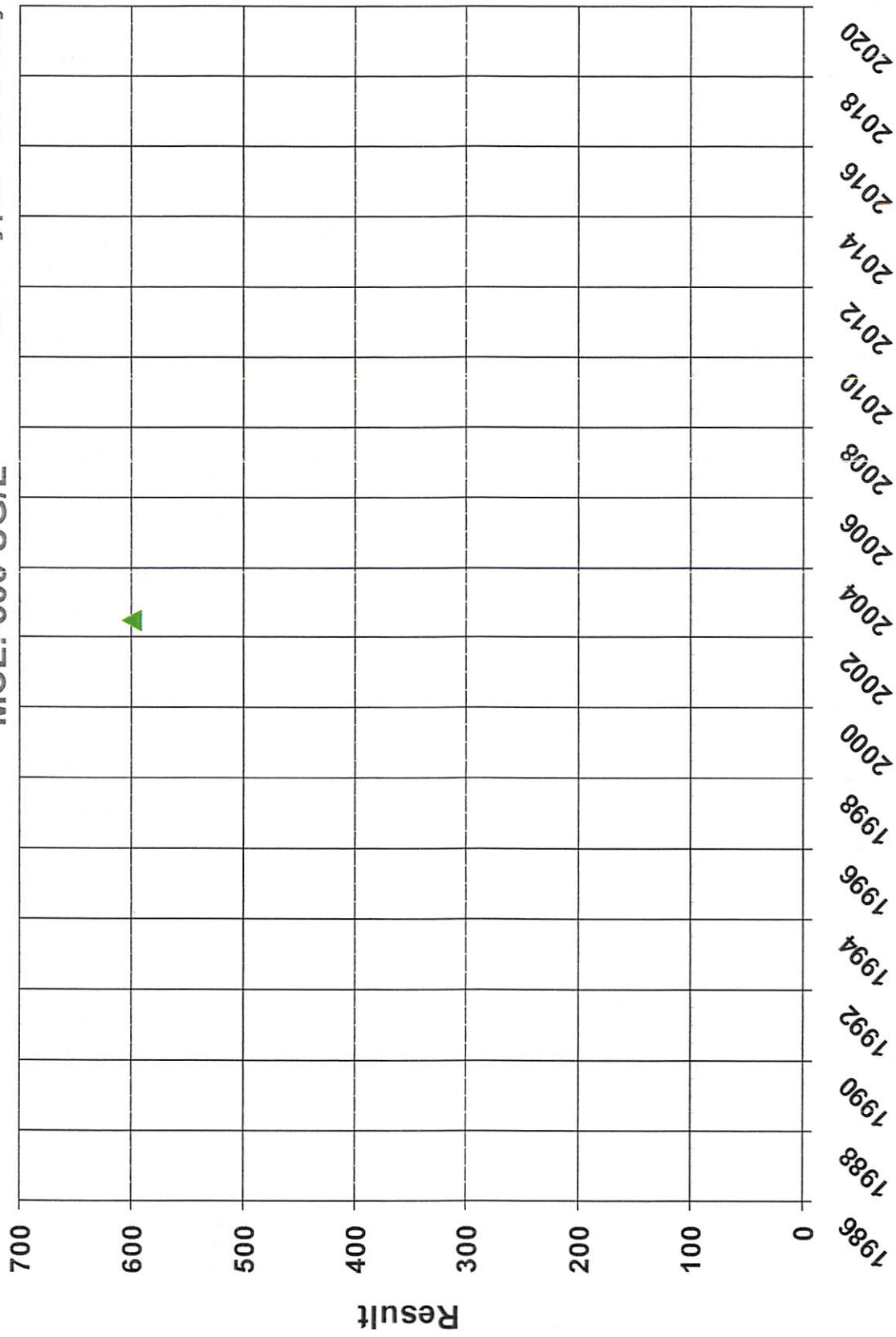


IRON

Well ID: 2800664-001

MCL: 300 UG/L

MCL Type: secondary

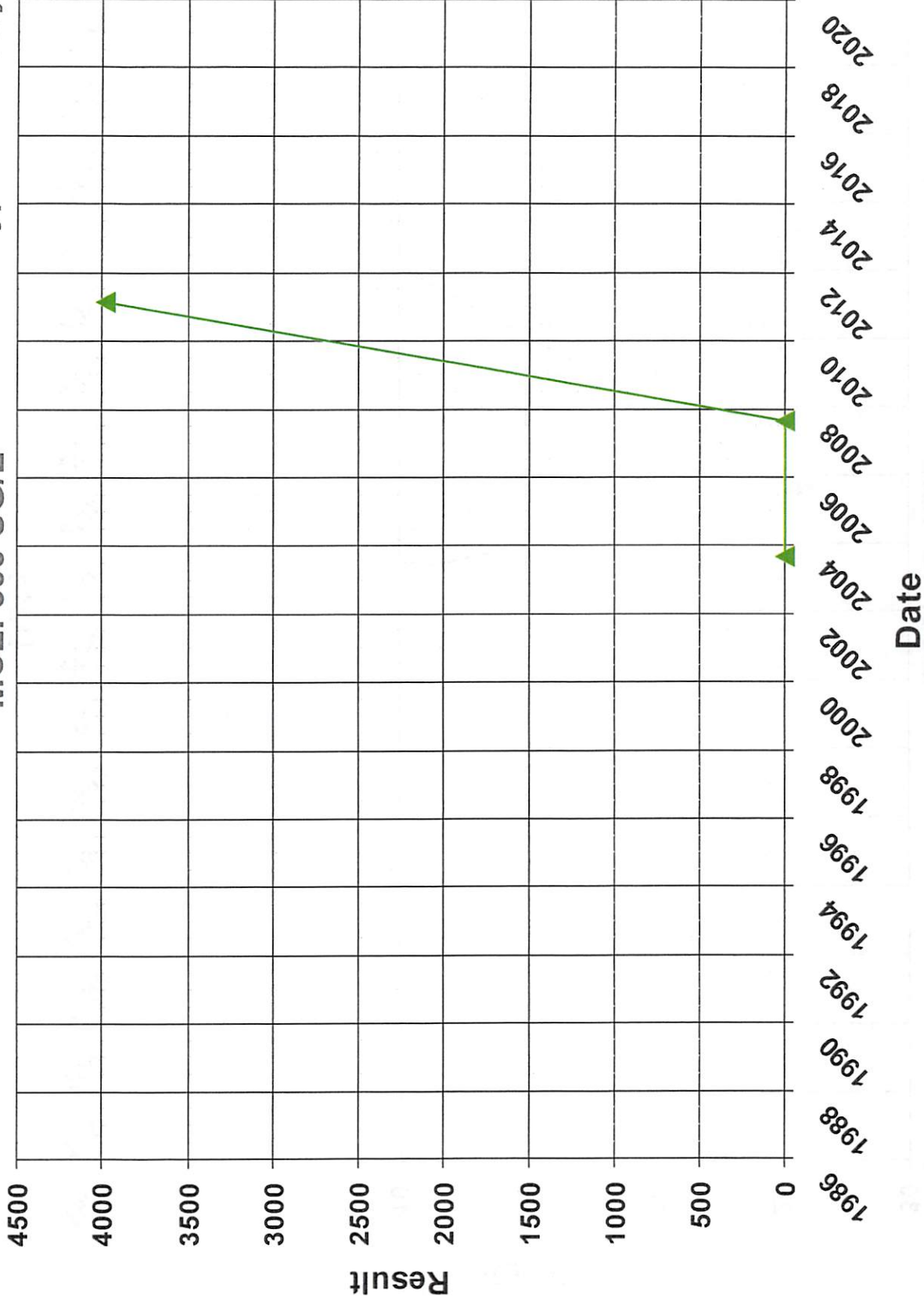


IRON

Well ID: 2801006-001

MCL: 300 UG/L

MCL Type: secondary

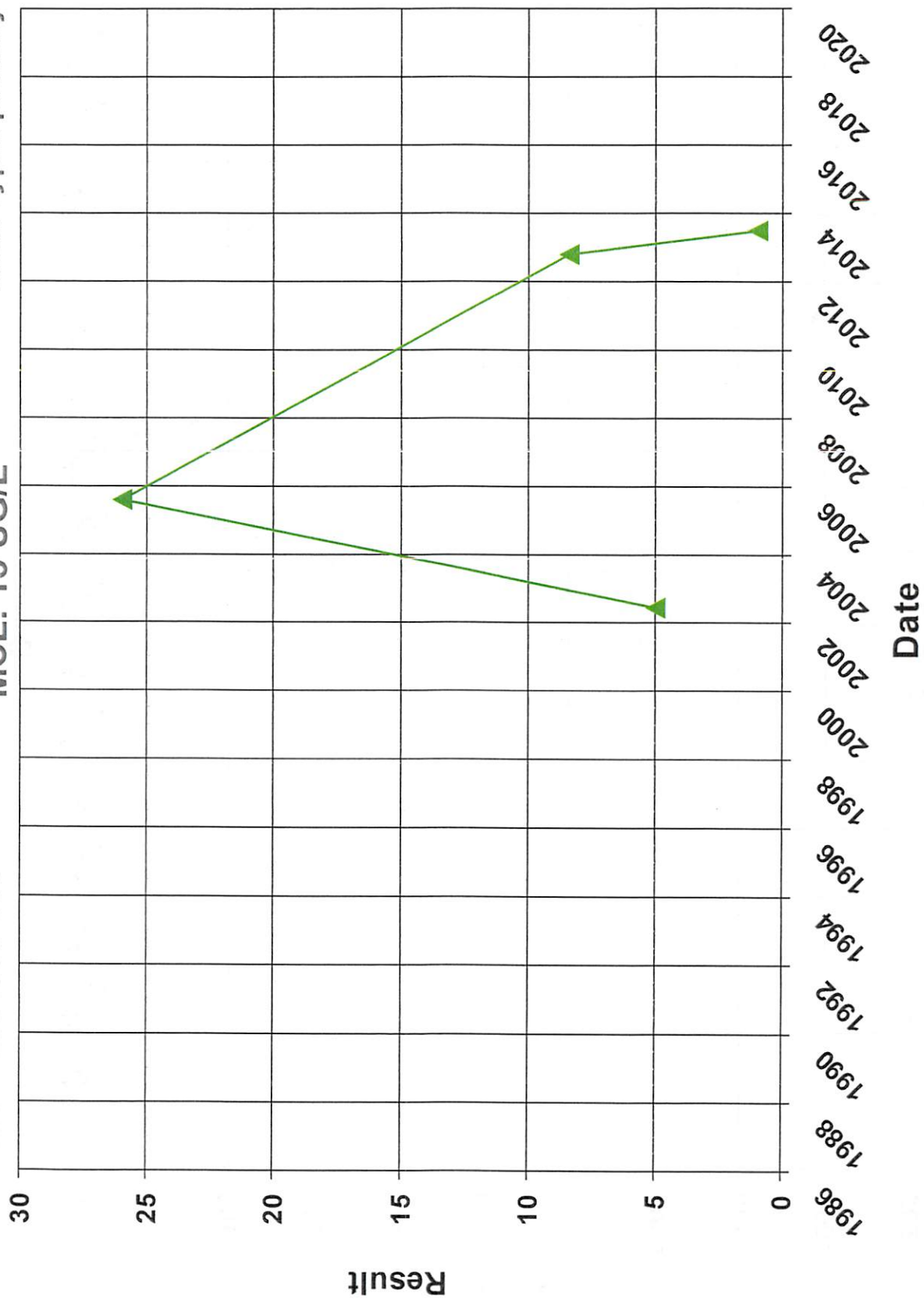


LEAD

Well ID: 2801080-001

MCL: 15 UG/L

MCL Type: primary

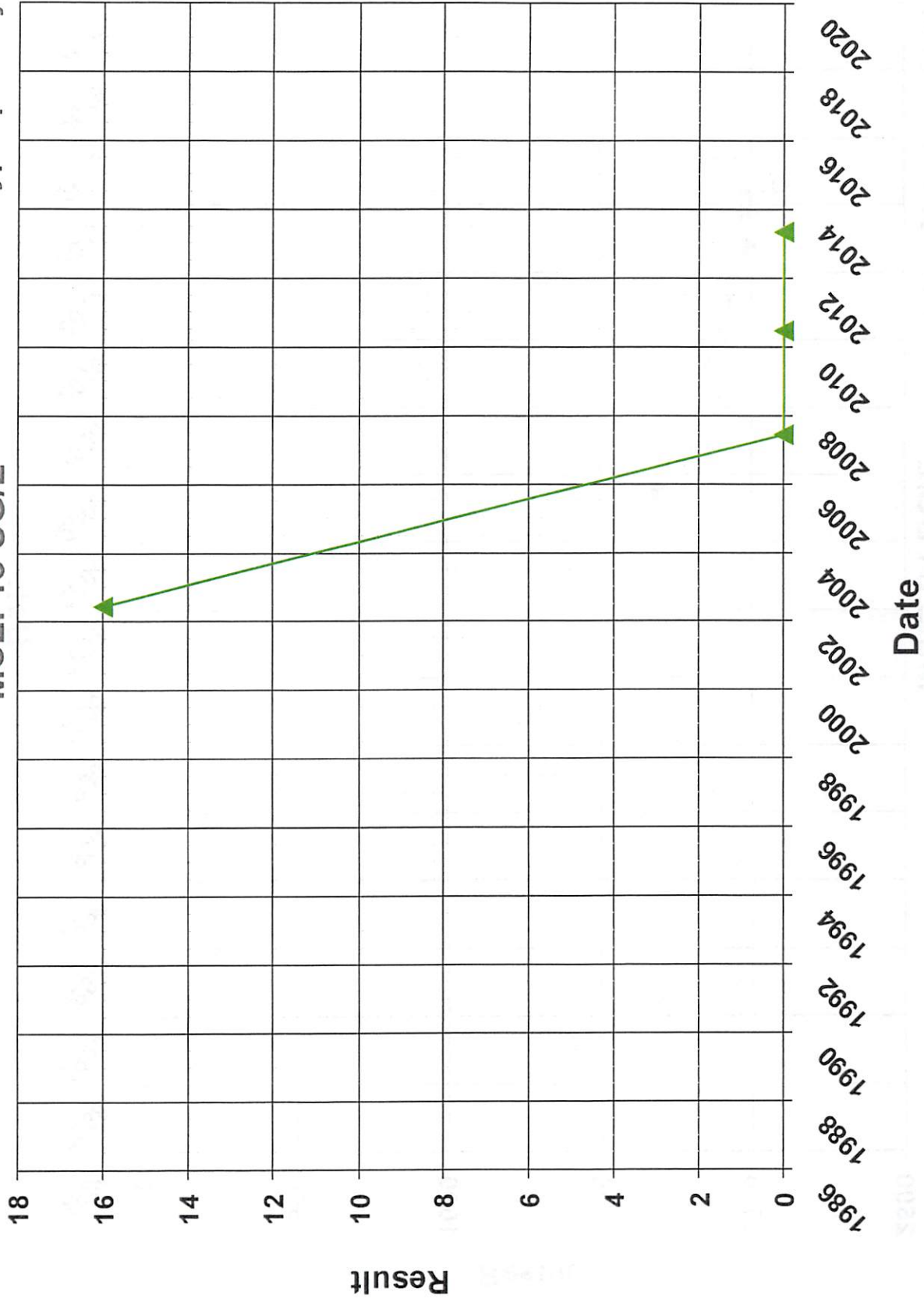


LEAD

Well ID: 28010111-002

MCL: 15 UG/L

MCL Type: primary

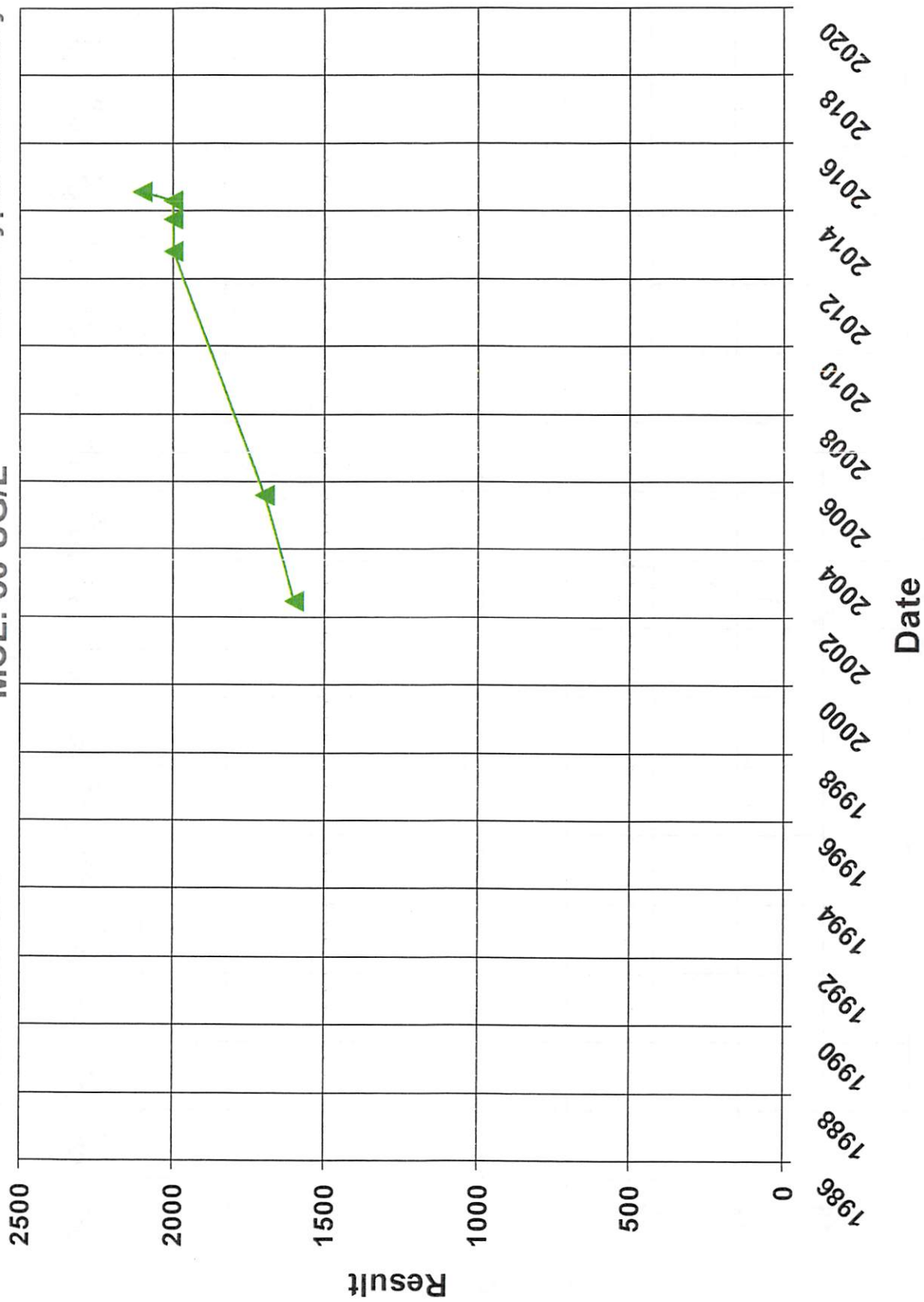


MANGANESE

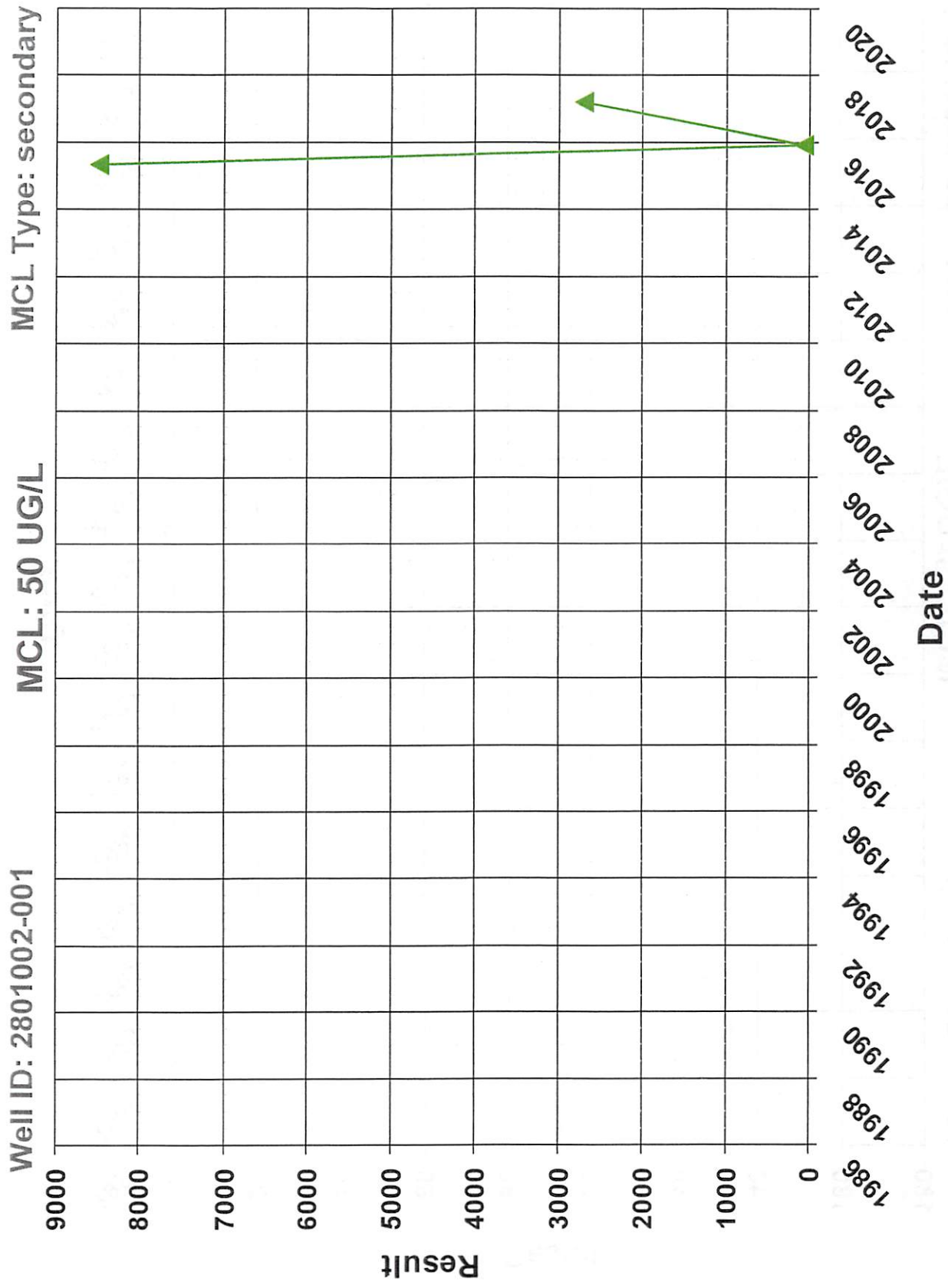
Well ID: 2801080-001

MCL: 50 UG/L

MCL Type: secondary



MANGANESE



MANGANESE

Well ID: 2800847-001

MCL: 50 UG/L

MCL Type: secondary

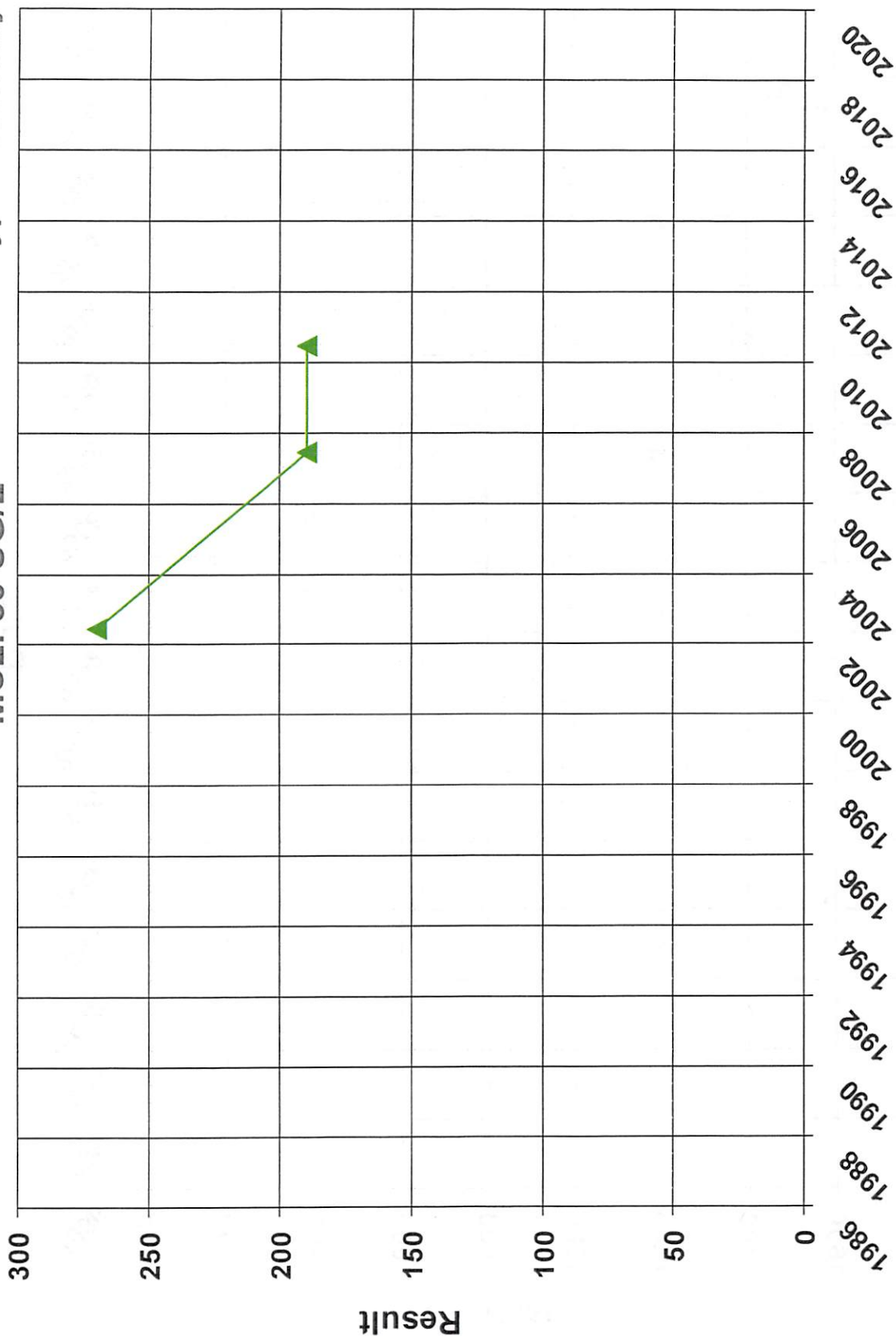


MANGANESE

Well ID: 28010111-002

MCL: 50 UG/L

MCL Type: secondary

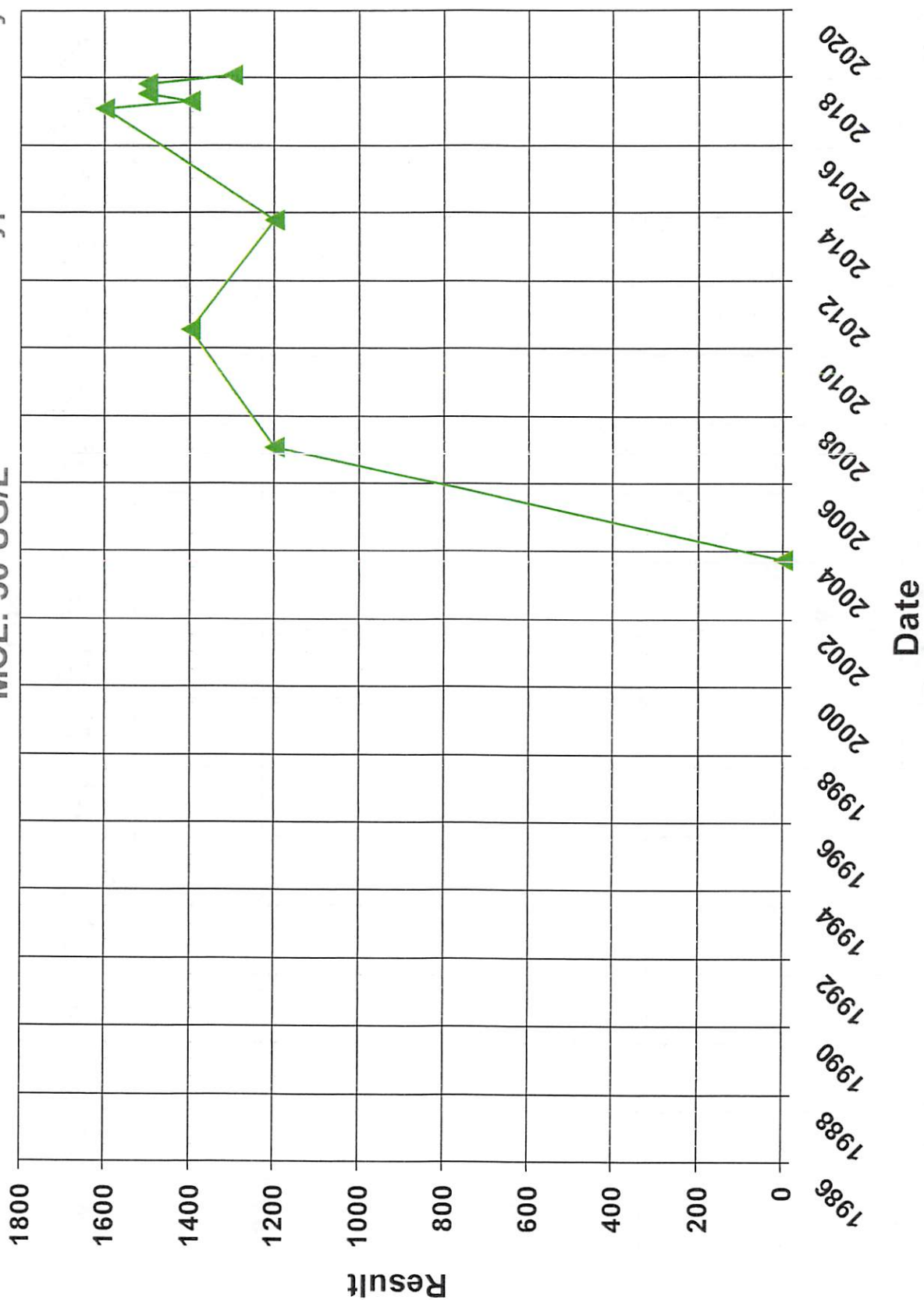


MANGANESE

Well ID: 2800530-001

MCL: 50 UG/L

MCL Type: secondary

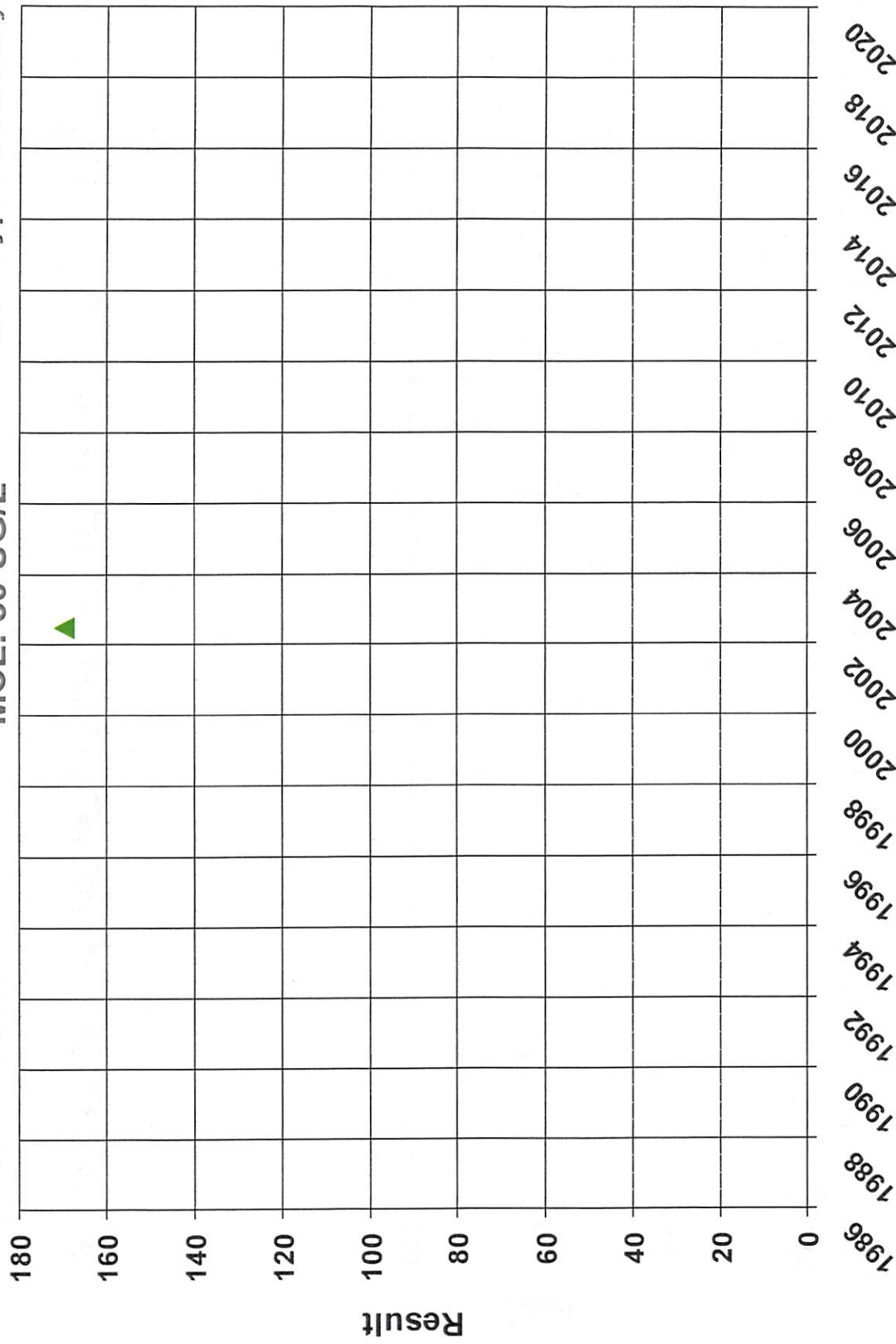


MANGANESE

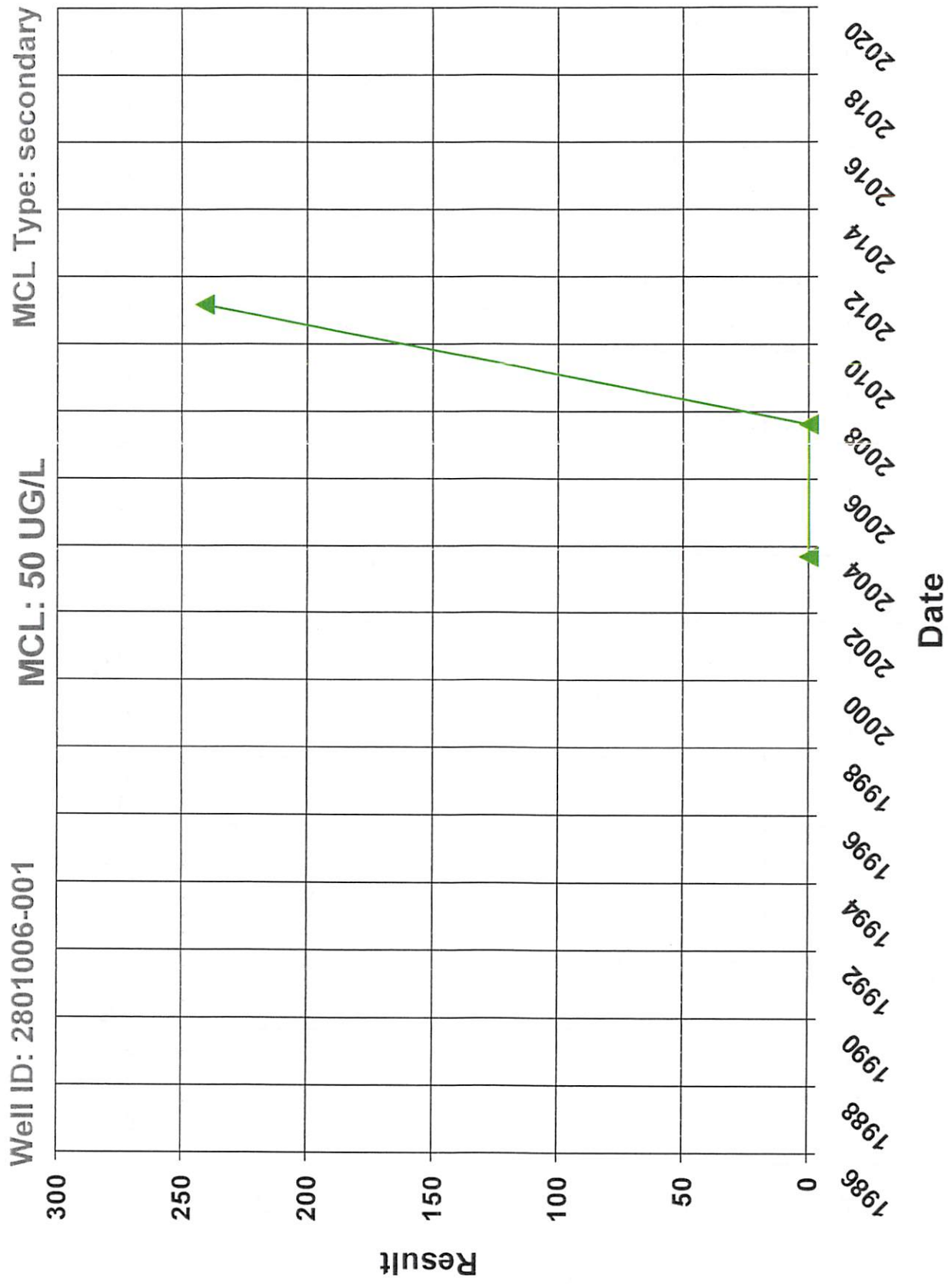
Well ID: 2800664-001

MCL: 50 UG/L

MCL Type: secondary



MANGANESE

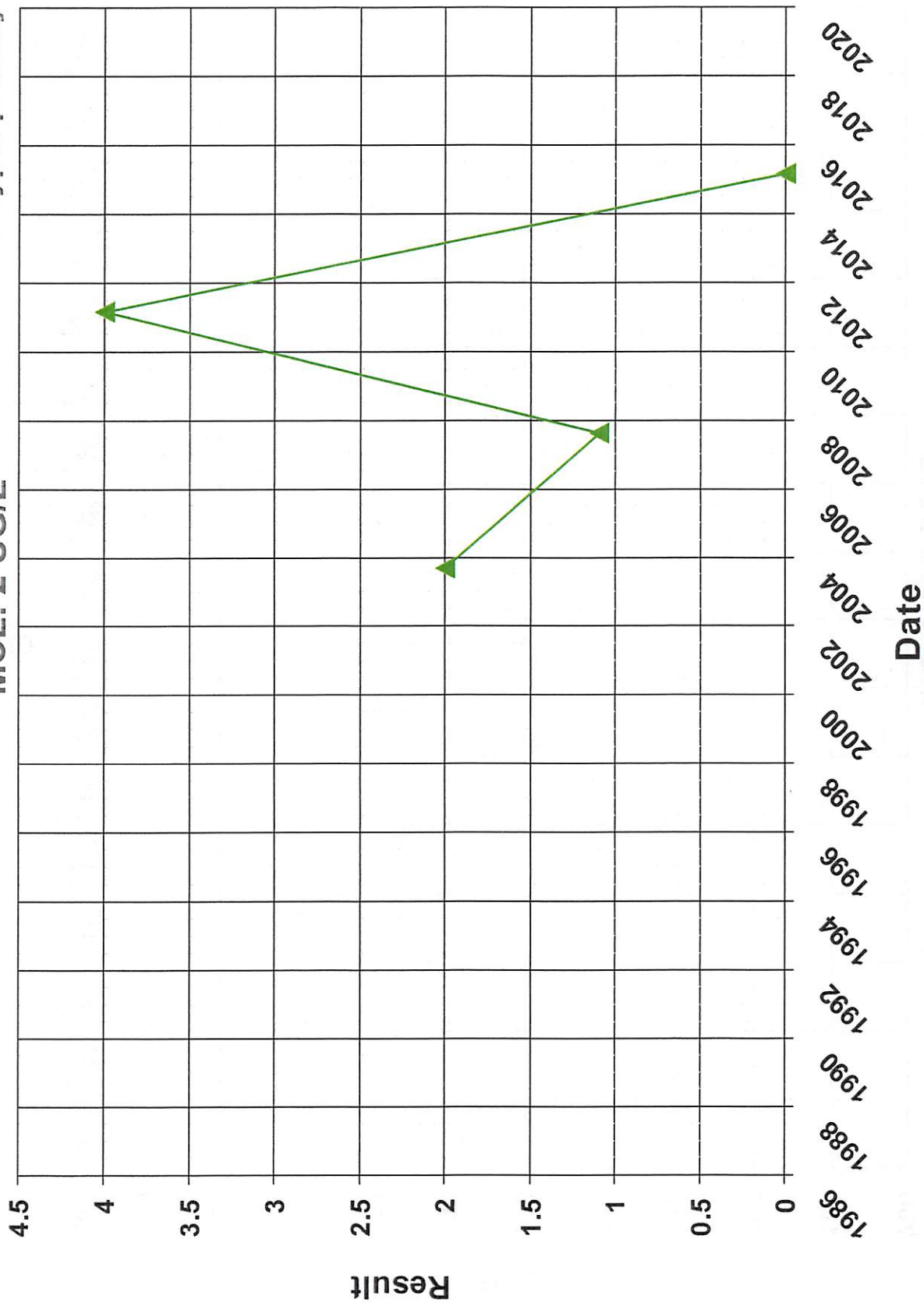


MERCURY

Well ID: 2801006-001

MCL: 2 UG/L

MCL Type: primary

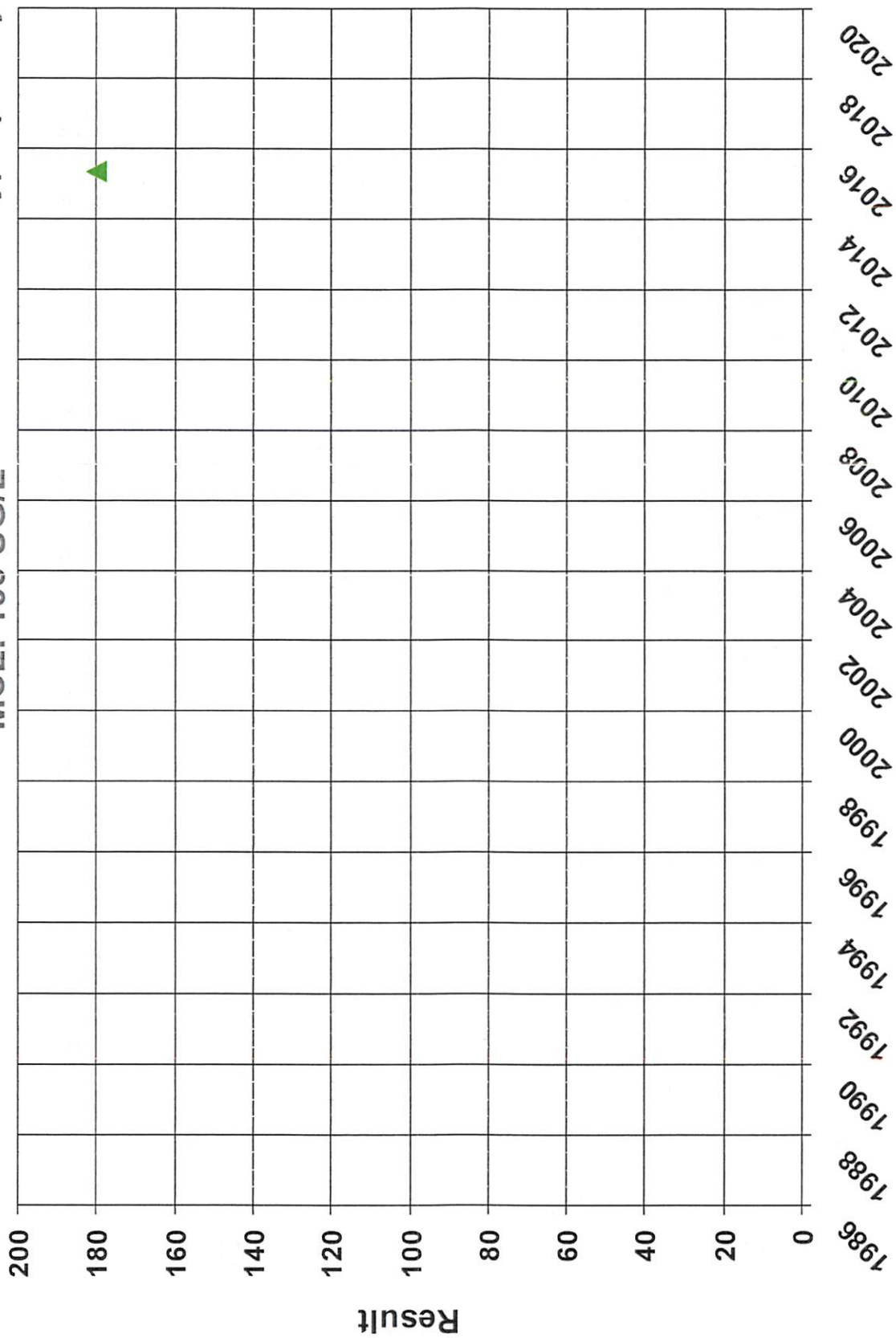


NICKEL

Well ID: 2801002-001

MCL: 100 UG/L

MCL Type: primary

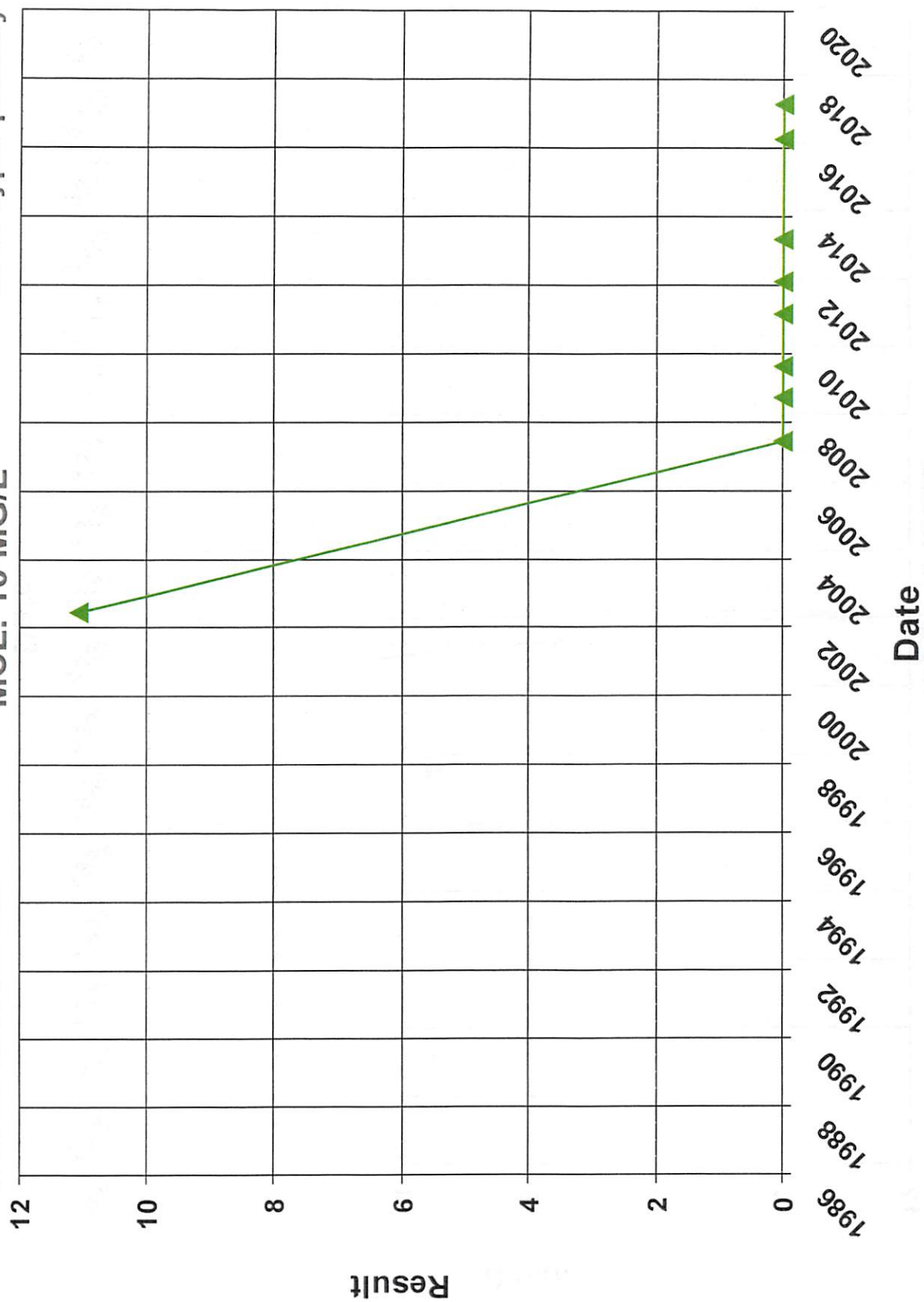


NITRATE (AS N)

Well ID: 2801011-002

MCL: 10 MG/L

MCL Type: primary

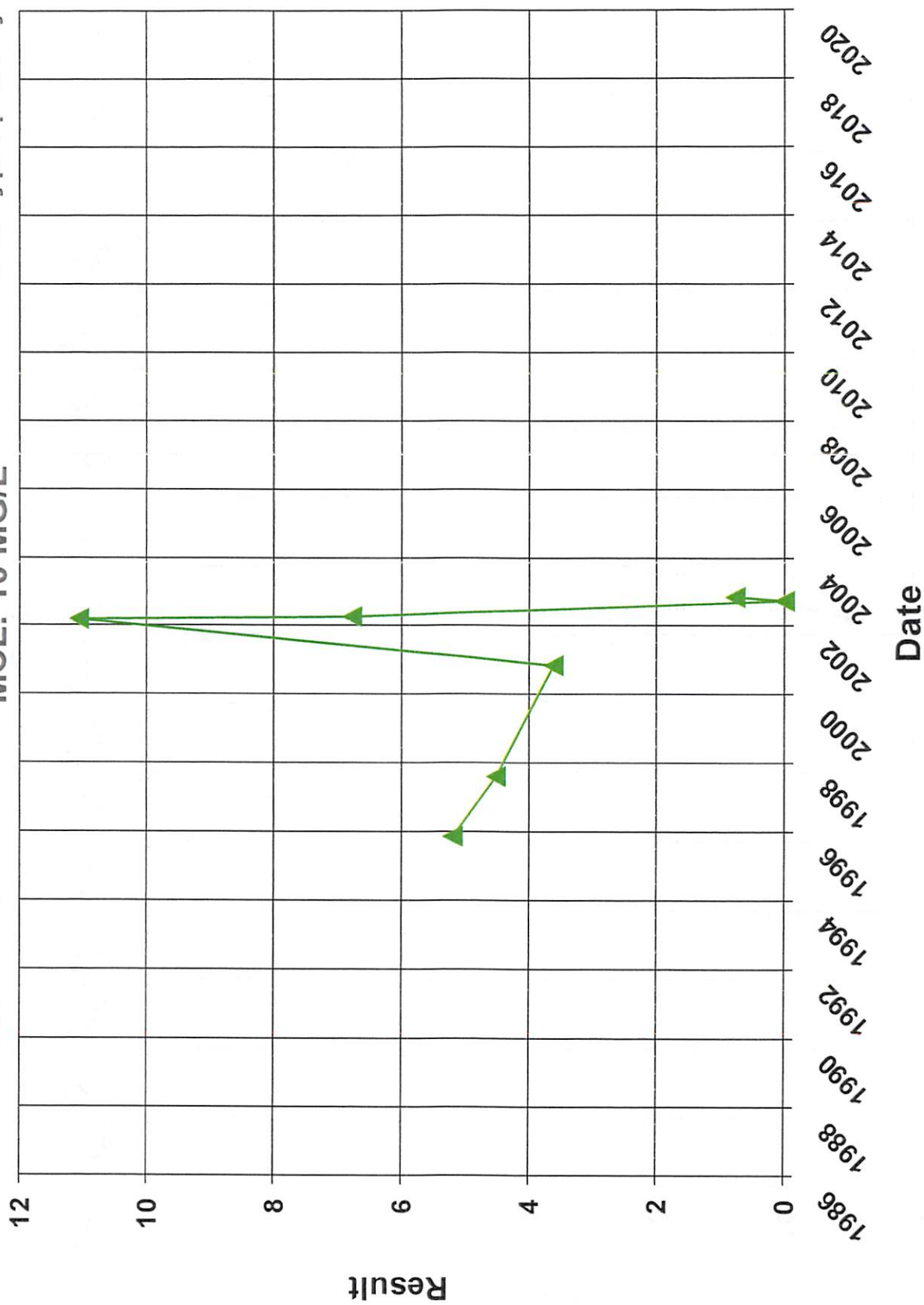


NITRATE (AS N)

Well ID: 4800572-001

MCL: 10 MG/L

MCL Type: primary

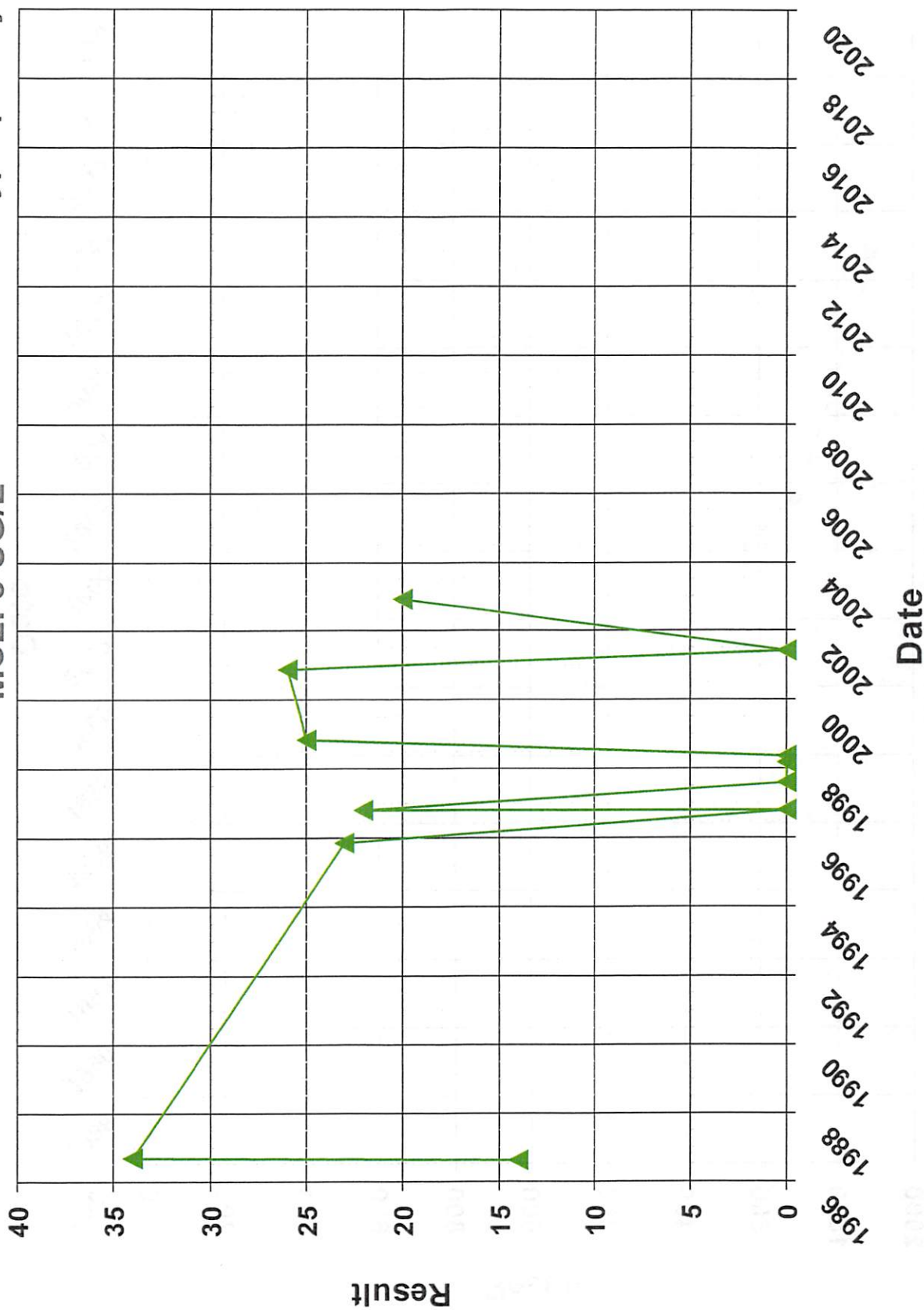


TETRACHLOROETHYLENE

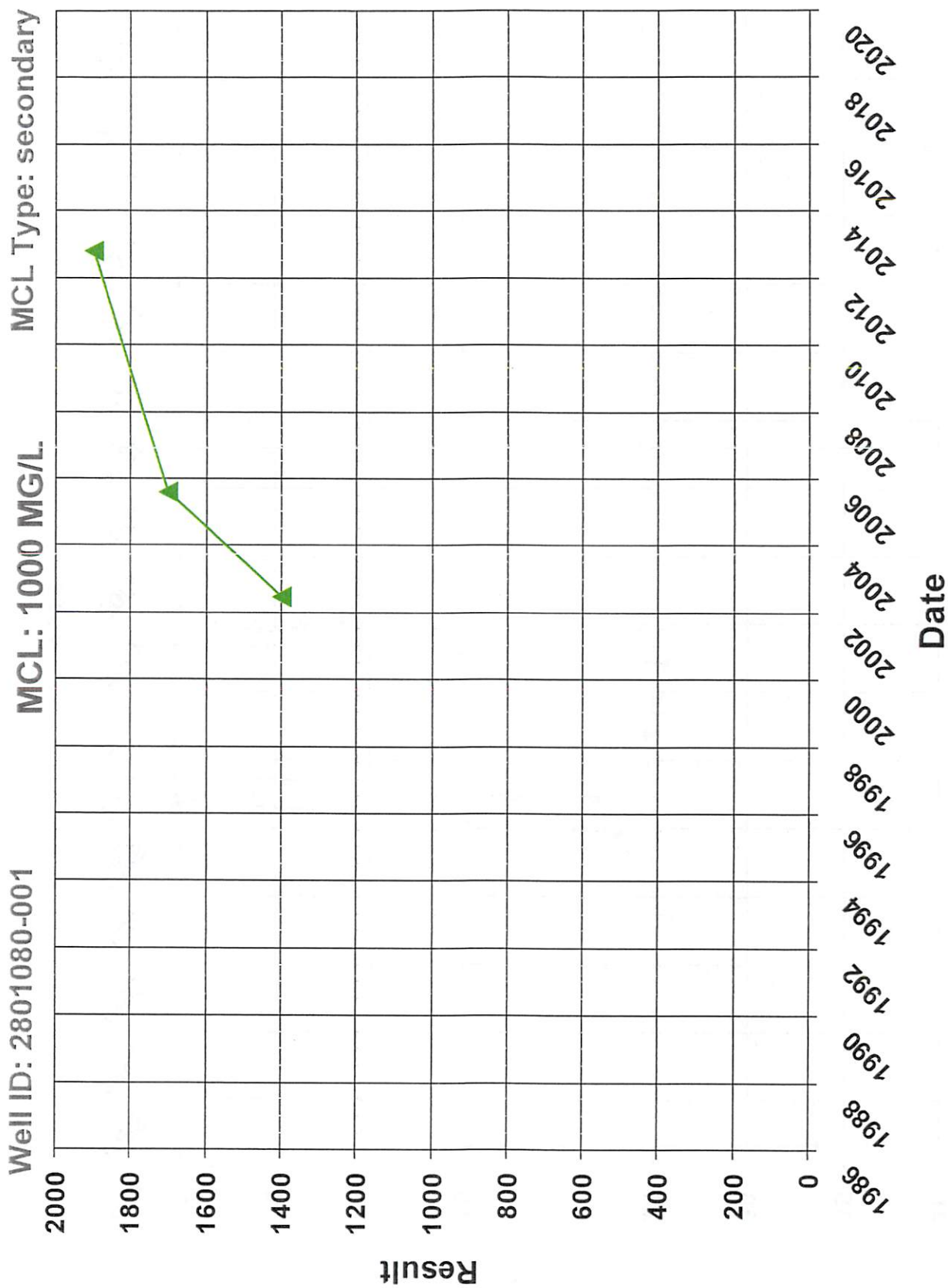
Well ID: 4800572-001

MCL: 5 UG/L

MCL Type: primary



TOTAL DISSOLVED SOLIDS

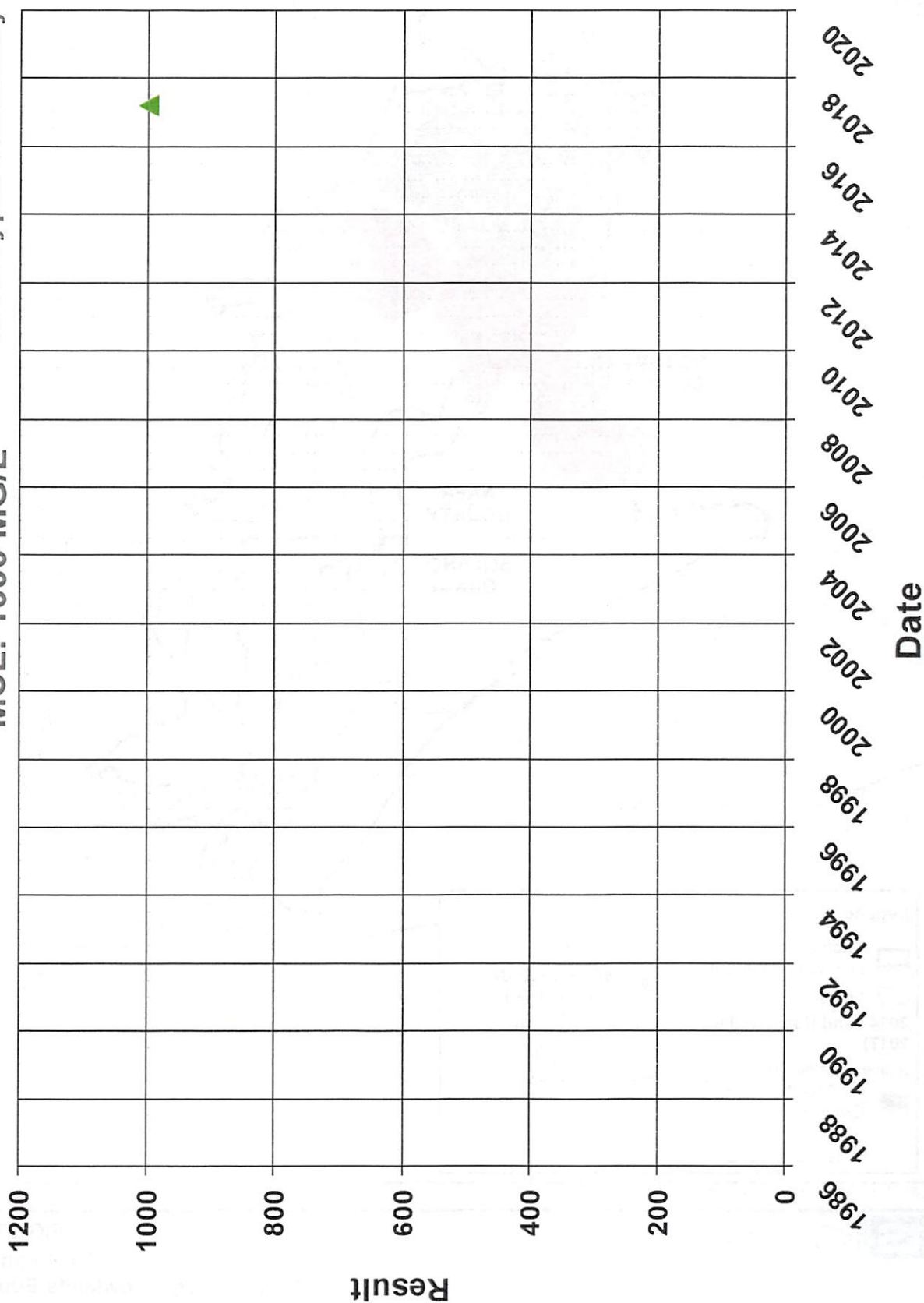


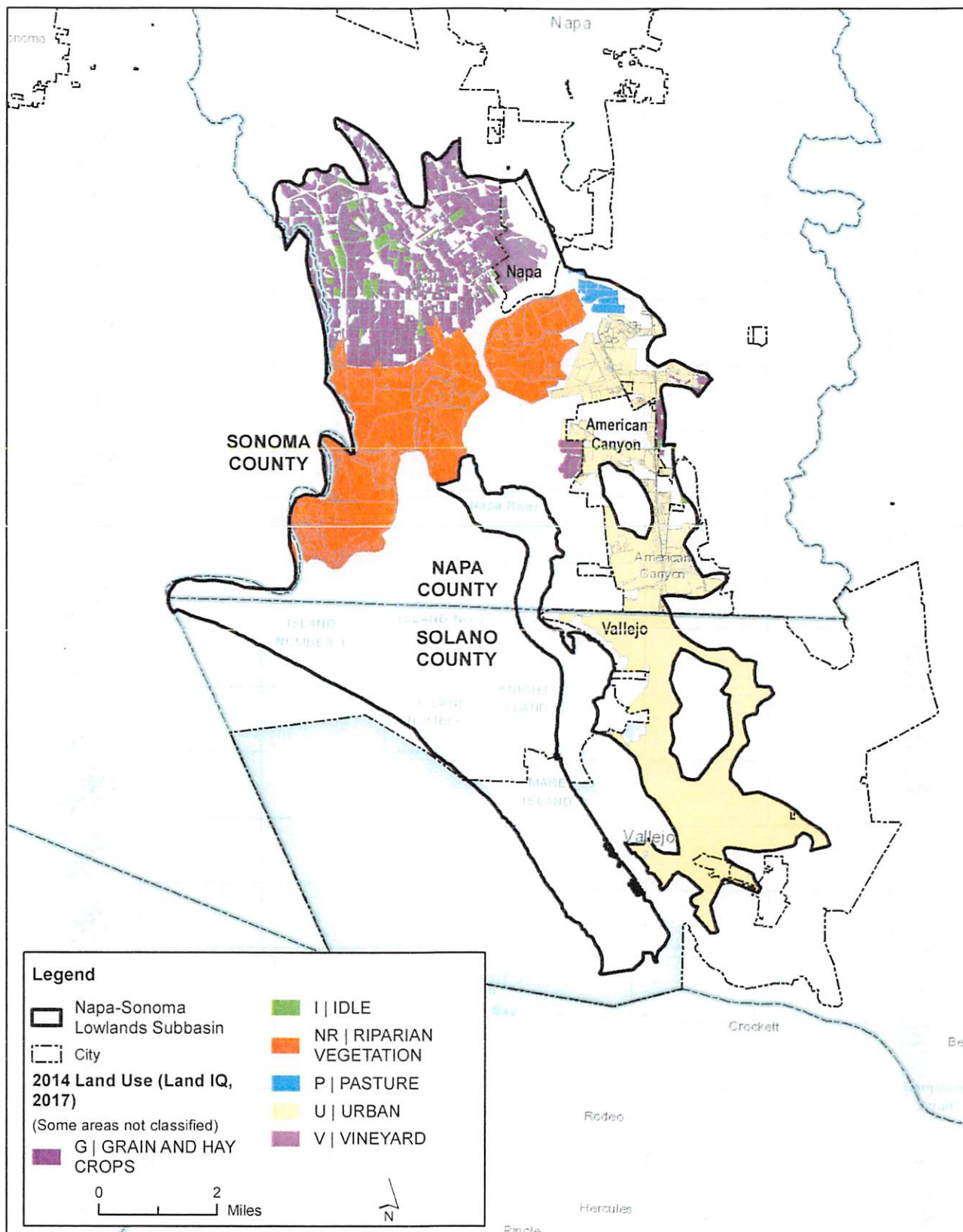
TOTAL DISSOLVED SOLIDS

Well ID: 2801002-001

MCL: 1000 MG/L

MCL Type: secondary





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FIGURE B-2

