

MALAGA COUNTY WATER DISTRICT

2024

WATER SUPPLY REPORT DRAFT

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MALAGA COUNTY WATER DISTRICT

2024

DRAFT WATER SUPPLY REPORT

EXECUTIVE SUMMARY

In September, 1989, Assembly Bill No. 2523 was adopted to authorize the Malaga County Water District (MCWD) to manage its groundwater resources, improve water supply and quality, and to reduce water use.

MCWD presently owns seven wells however only three (3) of the wells are in active service. Water demands of the MCWD peaked in 2008 (623.9 million gallons). Water demand in 2022was 530 million gallons. Water demand is not uniform throughout the year. Industrial and commercial users consume over 73% of the water use.

Since the completion of the 2018 MCWD Water Supply Report, the state of California has implemented the Sustainable Groundwater Management Act (SGMA). SGMA provides the framework and authority for groundwater basins to work toward sustainable groundwater conditions by the year 2040. The District is a participant in the activities associated with SGMA. The District is located in the Kings Subbasin of the San Joaquin Groundwater Basin, and within the boundaries of the North Kings Groundwater Sustainability Agency (NKGSA) (Figure 1). The MCWD has executed an agreement with the Fresno Irrigation District (FID) regarding surface water allocations and with property owners regarding unused surface water allocations as the MCWD cooperates with the NKGSA to work toward groundwater sustainability. See agreement in Appendix F.

Groundwater elevation contours available from the Groundwater Sustainability Annual Reports of the Kings Subbasin Groundwater Sustainability Agencies show that groundwater levels have declined from 2015 (elevation of approximately 210 at the intersection of SR 99 and Central Avenue) through 2022 (elevation of approximately 205 at the intersection of SR 99 and Central Avenue). It is noted that the groundwater elevation in the year 2010 was approximately 230 feet at the intersection of SR 99 and Central Avenue.

The MCWD completed construction of the water meter installation and replacement project in 2019. All water service customers of the MCWD are now metered and the metered fee schedule has been implemented for all connections.

Water conservation remains a District priority. The MCWD is not required to meet the state mandate of 25% water use reduction based upon serving less than 3,000 connections or delivering less than 3,000 acre-feet per year, however water conservation is strongly encouraged. The MCWD complies with mandated restrictions on lawn and landscape water and encourages water conservation in public outreach.

The MCWD groundwater pumping since 1999 is shown in the Table below. The total water

pumped compared to water pumped in 2013 is shown. It is noted that the actual water used per connection is not shown. Future reports will include additional information associated with the water used per connection.

Table 1 Annual Groundwater Pumped

Gallons	Ac-Ft		% of 2013	Reduction from 2013
431,670,900	1,325			
520,834,300	1,598			
517,982,000	1,590			
572,061,000	1,756			
601,847,000	1,847			
573,087,000	1,759			
587,921,000	1,804			
604,778,000	1,856			
603,723,000	1,853			
623,912,000	1,915			
597,654,000	1,834			
525,518,000	1,613			
548,716,000	1,684			
554,560,000	1,702			
562,804,000	1,727		100%	0%
534,233,000	1,640		95%	5%
495,733,000	1,521		88%	12%
478,976,000	1,470		85%	15%
510,879,000	1,568		91%	9%
506,732,000	1,555		90%	10%
516,412,000	1,585		92%	8%
535,838,000	1,644		95%	5%
489,968,000	1,504		87%	13%
530,041,000	1,627		94%	6%
	Gallons 431,670,900 520,834,300 517,982,000 572,061,000 601,847,000 573,087,000 587,921,000 604,778,000 603,723,000 623,912,000 597,654,000 597,654,000 548,716,000 548,716,000 548,716,000 548,733,000 495,733,000 495,733,000 510,879,000 516,412,000 535,838,000 489,968,000 530,041,000	GallonsAc-Ft431,670,9001,325520,834,3001,598517,982,0001,590572,061,0001,756601,847,0001,847573,087,0001,759587,921,0001,856603,723,0001,853623,912,0001,814525,518,0001,613548,716,0001,684554,560,0001,702562,804,0001,727534,233,0001,640495,733,0001,521478,976,0001,568506,732,0001,555516,412,0001,585535,838,0001,644489,968,0001,504530,041,0001,627	GallonsAc-Ft $431,670,900$ $1,325$ $520,834,300$ $1,598$ $517,982,000$ $1,590$ $572,061,000$ $1,756$ $601,847,000$ $1,847$ $573,087,000$ $1,759$ $587,921,000$ $1,856$ $603,723,000$ $1,853$ $623,912,000$ $1,915$ $597,654,000$ $1,613$ $548,716,000$ $1,684$ $554,560,000$ $1,702$ $562,804,000$ $1,727$ $534,233,000$ $1,640$ $495,733,000$ $1,521$ $478,976,000$ $1,555$ $516,412,000$ $1,585$ $535,838,000$ $1,644$ $489,968,000$ $1,504$ $530,041,000$ $1,627$	GallonsAc-Ft 2013 $431,670,900$ $1,325$ 2013 $520,834,300$ $1,598$ $517,982,000$ $1,590$ $572,061,000$ $1,756$ $601,847,000$ $1,847$ $573,087,000$ $1,759$ $587,921,000$ $1,804$ $604,778,000$ $1,856$ $603,723,000$ $1,853$ $623,912,000$ $1,915$ $597,654,000$ $1,834$ $525,518,000$ $1,613$ $548,716,000$ $1,684$ $554,560,000$ $1,727$ $562,804,000$ $1,727$ $562,804,000$ $1,727$ $506,733,000$ $1,521$ 88% $478,976,000$ $1,470$ 85% $510,879,000$ $1,568$ 91% $506,732,000$ $1,555$ 90% $516,412,000$ $1,504$ 87% $530,041,000$ $1,627$ 94%

Information from 2023 is not confirmed and has not been included in this report.

The MCWD water distribution system expands due to new development and extensions of water services. Proposed new connections that will increase groundwater pumping will require consideration prior to approval.

Groundwater levels have declined during the period of 2022-2023. All of the District's inactive wells displayed declining water levels in 2022 (Figure 6). No data was obtained from the monitoring wells in 2023. The three production well's water levels fluctuated during the period of 2022 to 2023, with one of the wells staying relatively stable (Well 6). Well 7 declined in water levels as of January 2024, and Well 8 yielded rising water levels (Figure 7).

Several recommendations for action are contained in the report, namely:

- Develop a network of wells to sample and monitor groundwater levels and quality. The change in groundwater levels may be used to estimate groundwater overdraft or replenishment.
- Implement a regular program of meter inspection to provide an early leak detection program.
- Inspect and monitor private water supply wells within the MCWD. Consider the levy of a charge for groundwater monitoring and/or groundwater pumping.
- Identification of groundwater demands from existing property not connected to the MCWD (ie. existing agricultural properties).
- Develop a basis for inspecting and testing properties where there has been reason to believe that dumping or other activities may have to potential of adversely impacting groundwater quality within the MCWD Sphere of Influence.

The report also recommends the initiation of a water reuse and reclamation program as well as consideration of conjunctive use of surface water and groundwater. The MCWD may pursue agreements with other public agencies to implement alternatives to augment groundwater recharge. The MCWD has finalized an agreement with FID that would provide for the delivery of surface water allocations to a Fresno Metropolitan Flood Control District (FMFCD) Basin for the purpose of augmenting groundwater supply.

INTRODUCTION

Malaga County Water District (MCWD, District) is a water and wastewater utility district just south of the City of Fresno. The MCWD is within the North Kings Groundwater Sustainability Agency boundaries (Figure 1). The MCWD serves a population of about 1,300 and a variety of commercial and industrial customers. Residential development is nearly complete in MCWD. Existing zoning and readily available land allow for continued commercial and industrial development.

In recent years the importance of groundwater management has become apparent throughout the San Joaquin Valley. For MCWD, which depends entirely upon groundwater to meets its water needs, the ability to protect the quantity and quality of its groundwater supply is critical to its customers.

In September 1989, State legislation was passed giving MCWD specific authority to undertake groundwater management. Assembly Bill No. 2523 (AB 2523) authorizes the District to manage its groundwater resources, to improve water supply and quality, and to reduce water use. Among other measures, the MCWD may levy and collect groundwater extraction charges and regulate discharge of pollutants. Appendix A contains the full text of AB 2523.

AB 2523 requires the MCWD to prepare biennial reports and to conduct public hearings to present the District's water management plans.



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DESCRIPTION OF EXISTING CONDITIONS

Water Supply

Available Water Supply

The District owns seven well sites. Well Nos. 6 and 7 are east of SR 99. Well No. 8 is west of SR 99. Well Nos. 6, 7 and 8 are active. Well Nos. 1, 4 and 5 are not active. Well No. 3 was recently destroyed. Well No. 3A is presently in construction at the Well No. 3 site.

The active wells are not capable of meeting the maximum day demand (MDD) of the MCWD with the largest well out of service. With the addition of Well 3A, the system has an additional source to meet the MDD.

The water supply system serves the community's residential, industrial, and commercial water needs. MCWD pumps from an unconfined aquifer system that extends west from the Sierra Nevada foothills. There are an unknown number of private wells pumping from the same underground reservoir that provide water for domestic and agricultural uses. This groundwater aquifer is generally overdrafted throughout the

San Joaquin Valley.

The older inactive wells are all screened in the upper aquifer (total depths range from 392 to 503 feet. The three active wells are deeper wells screened in a deeper portion of the aquifer. The total depth of the active wells ranges from 751 to 810 feet. Interbedded layers of clay and other relatively impermeable geologic materials serve as a hydrogeologic barrier impeding downward vertical migration from the upper aquifer.

<u>Well</u>	Capacity (gpm)	Year Constructed	Depth	Screened Interval (ft)
1 2	Not Active Destroyed	1963	498	152-492
3	Destroyed		055	455 005
3A	In Construction		655	455-625
4	Not Active	1980	503	220-380
5	Not Active	1985	392	204-391
6	1,350 gpm	1996	800	425-775
7	1,050 gpm	2004	741	441-721
8	1,200 gpm	2012	800	515-790

Water Demands

MCWD has been pumping and delivering water since 1965 when the first District well went on-line. Demand for District supplied water has reduced significantly since the peak in 2008 when production from District wells reached 623.9 million gallons.

Average day demands during the period of 2012 through 2022 were as follows:

	<u>Total Gallons</u>	<u>Average Day (gal)</u>
2012	554,560,000	1,519,342
2013	562,804,000	1,541,929
2014	534,233,000	1,463,652
2015	495.733,000	1,358,173
2016	478,976,000	1,312,263
2017	510,879,000	1,399,669
2018	506,732,000	1,388,307
2019	516,412,000	1,414,827
2020	535,838,000	1,468,049
2021	489,968,000	1,342,378
2022	530,041,000	1,452,167

Information from 2023 is not confirmed and has not been included in this report.

During the period of 2012 through 2022, the maximum day demands were as follows:

Maximum Day 2012	2,681,000 gallons	(1,862 gpm)
Maximum Day 2013	4,059,000 gallons	(2,819 gpm)
Maximum Day 2014	2,936,000 gallons	(2,039 gpm)
Maximum Day 2015	2,581,000 gallons	(1,792 gpm)
Maximum Day 2016	2,900,000 gallons	(2,014 gpm)
Maximum Day 2017	2,980,000 gallons	(2,069 gpm)
Maximum Day 2018	3,822,000 gallons	(2,654 gpm)
Maximum Day 2019 (August 11)	4,371,000 gallons	(3,035 gpm)
Maximum Day 2020 (August 23)	5,925,000 gallons	(4,115 gpm)
Maximum Day 2021 (August 15)	3,648,000 gallons	(2,533 gpm)
Maximum Day 2022 (March 17)	4,185,000 gallons	(2,906 gpm)
Information from 2023 is not confirmed a	and has not been inc	luded in this report.

In general, industrial and commercial users consume approximately 73% of the District water supply.

There is no pumping data available for the private wells in the MCWD Sphere of Influence.



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Table 1 - Summary of District Wells Pumping Data

Annual Groundwater Pumped

	Gallons	Ac-Ft	% of 2013	Reduction from 2013
1999	431,670,900	1,325		
2000	520,834,300	1,598		
2001	517,982,000	1,590		
2002	572,061,000	1,756		
2003	601,847,000	1,847		
2004	573,087,000	1,759		
2005	587,921,000	1,804		
2006	604,778,000	1,856		
2007	603,723,000	1,853		
2008	623,912,000	1,915		
2009	597,654,000	1,834		
2010	525,518,000	1,613		
2011	548,716,000	1,684		
2012	554,560,000	1,702		
2013	562,804,000	1,727	100%	0%
2014	534,233,000	1,640	95%	5%
2015	495,733,000	1,521	88%	12%
2016	478,976,000	1,470	85%	15%
2017	510,879,000	1,568	91%	9%
2018	506,732,000	1,555	90%	10%
2019	516,412,000	1,585	92%	8%
2020	535,838,000	1,644	95%	5%
2021	489,968,000	1,504	87%	13%
2022	530,041,000	1,627	94%	6%

Information from 2023 is not confirmed and has not been included in this report.

Capital Improvements

The MCWD has received drought relief funds from the Department of Water Resources for the construction of a replacement well for Well 3 and a water storage tank at the Well 3 site. Construction of the project is currently underway and is estimated to be complete in 2025.

In addition, the MCWD has received ARPA funds from the County of Fresno for the construction of a replacement well for Well 5. The intent is to move to construction of Well No. 5A in the near future and complete the well in 2025.

These projects are intented to provide water supply resiliency for the MCWD. The well replacement projects are to assist the MCWD to satisfy maximum day demands in the event that the largest capacity well is out of service. The tank will provide short term water supply benefits and supplement fire flow capacity for the MCWD.

Future Water Demands

An extrapolation of potential water demands has been prepared based on assumptions of potential development demands as identified in a Capital Improvement Plan prepared in 2019. In addition, an assumed annual growth of 5% is incorporated into the projection after year 2029 (see Table 2).

No new residential connections are anticipated at this time due to review of land use planning documents.

The number of industrial and commercial users is expected to continue to increase in the future, but there are no estimates for number of new connections or water use. Industrial water use depends on the type and size of industries that develop; current zoning allows for uses varying from light industry to heavy manufacturing.

All new industrial and commercial enterprises within the District would be required to connect to the District water system. New private wells are not allowed. It is noted that the MCWD is a small district with limited water supply facilities. Any potential development would need to be reviewed with respect to the MCWD ability to meet average and maximum demands, resiliency of the water supply facilities, impacts to SGMA requirements, and the costs of satisfying the requirements.

TABLE 2

				Reduction
	Gallons	Ac-Ft	% of 2013	from 2013
1999	431,670,900	1,325	77%	23%
2000	520,834,300	1,598	93%	7%
2001	517,982,000	1,590	92%	8%
2002	572,061,000	1,756	102%	-2%
2003	573 087 000	1,047	107%	-1%
2005	587.921.000	1.804	104%	-4%
2006	604,778,000	1,856	107%	-7%
2007	603,723,000	1,853	107%	-7%
2008	623,912,000	1,915	111%	-11%
2009	597,654,000	1,834	106%	-6%
2010	525,518,000 548,716,000	1,613	93%	7% 3%
2012	554,560,000	1,702	99%	1%
2013	562,804,000	1,727	100%	0%
2014	534,233,000	1,640	95%	5%
2015	495,733,000	1,521	88%	12%
2016	478,976,000	1,470	85%	15%
2017	510,879,000	1,568	91%	9% 1.0%
2018	516 412 000	1,555	92%	8%
2020	535,838,000	1,644	95%	5%
2021	489,968,000	1,504	87%	13%
2022	530,041,000	1,627	94%	6%
2023	530,041,000	1,627	94%	6%
2024	535,917,500	1,645		
2025	541,794,000 551 466 500	1,003		
2020	561,139,000	1,722		
2028	570,811,500	1,752		
2029	578,713,750	1,776		
2030	586,616,000	1,800		
2031	594,518,250	1,825		
2032	610 322 750	1,049		
2034	618,225,000	1.897		
2035	622,021,000	1,909		
2036	625,817,000	1,921		
2037	628,946,085	1,930		
2038	632,090,815	1,940		
2039	638 427 526	1,950		
2041	640,023,595	1,964		
2042	641,623,654	1,969		
2043	643,227,713	1,974		
2044	644,835,782	1,979		
2045	646,447,872	1,984		
2040	649,684.151	1,909		
2048	651,308,362	1,999		
2049	652,936,632	2,004		
2050	654,568,974	2,009		
2051	656,205,396	2,014		
2052	657,845,910	2,019		
2053 2054	661,139,251	2,024		
2055	662,792,099	2,034		
2056	664,449,079	2,039		
2057	666,110,202	2,044		
2058	667,775,478	2,049		
2059	671 119 520	2,054		
2060 2061	672,796.325	2,060 2,065		
2062	674,478,316	2,070		
2063	676,164,512	2,075		
2064	677,854,923	2,080		
2065	679,549,560	2,085		
2066	682 051 555	2,091		
2068	684,658,934	2,090		
2069	686,370,581	2,106		
2070	688,086,508	2,112		



Based on assumptions for development from the 2019 Capital Improvement Plan, the projected water demand for 2040 is: 1,959

1,959 AF would be associated with approximately

1727 acres

If an estimate of the development of the entire existing SOI is requested then the following is proposed: Existing area served: 1434 acres 1.134 AF/acre per 2022 demands SOI area 2674 acres Estimated SOI demand pe 3033 AF/yr

District Utility System

Water Distribution System

Malaga CWD currently operates three wells, which supply a distribution system consisting of approximately 12 miles of water mains ranging in diameter from 6 to 14 inches. There are 308 residential connections, and 341 existing industrial and commercial connections. All service connections are metered.

Wastewater System

The District wastewater system consists of gravity flow sewer mains ranging in diameter from 6 to 30 inches. There are 308 residential connections, and approximately 341 industrial and commercial connections.

The District wastewater treatment plant is located at the intersection of Maple and Central Avenues (refer to Figure 3). The plant, with a permitted capacity of 0.85 million gallons per day (mgd), is currently handling an average flow of approximately 0.553mgd in 2022 and 0.565 mgd in 2023. The effluent, which receives primary and secondary treatment, is discharged to evaporation/percolation ponds.



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Groundwater Analyses

Groundwater Quality

As previously stated, the District currently operates three (3) active wells to supply all the water that enters the distribution system (Figure 2). Wells 1, 4, and 5 are inactive for various reasons, primarily due to DBCP concentrations in the past. Well 3 was destroyed in 2023, during the new Well 3A project currently in construction.

The water quality of the three active wells satisfies potable water requirements. A copy of the 2022 Consumer Confidence Report is included in Appendix D.

Groundwater Levels

Groundwater level data within the District was obtained for the years of 2022 for the three monitoring wells and from 2022-2023 for the three active wells. The inactive wells are now used as monitoring wells. The active wells are shut off for at least an hour prior to measuring depth to groundwater. Figure 6 presents 2022 depth to water for the monitoring wells. Figure 7 presents the 2022-2023 depth to water for active supply wells. The most recent groundwater contour maps available for the region were prepared by the North Kings Groundwater Sustainability Agency (Figures 4 and 5), which depict groundwater elevations for 2022.



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Financial Analysis of District Utility System

All residential, commercial and industrial water customers have metered water service. These customers pay a base rate according to the size of the connection, then pay for water used in excess of the base allocation. All connections also pay permit, inspection and connection fees.

. Wastewater charges for industrial and commercial customers are based on the quantity of flow (estimated or metered) and the character and strength of the sewage.

The fiscal year (FY) for the Malaga CWD runs from July 1 to June 30. For FY 2023 -2023, the water system had a ______ in net assets of \$_____, while the wastewater system had a ______ in net assets of \$_____. Revenues and expenses for the water and wastewater systems for FY 2022 - 2023 are provided in Appendix B.

DATA COLLECTION AND EVALUATION NEEDS

Immediate Needs:

There are four immediate needs to be addressed before the Malaga CWD can produce a more comprehensive water supply report. The District should develop procedures to collect data and evaluate; (1) groundwater levels, (2) groundwater quality, (3) groundwater extractions and use, and (4) institutional actions for implementation. These programs have been proposed for implementation in the past. It may be that the work performed by the NKGSA provides much of the information identified. Once sufficient data is collected on the existing conditions, long-term needs and groundwater management alternatives can be fully evaluated.

Groundwater Level Investigation Program

The NKGSA currently prepares groundwater monitoring exhibits. It is suggested that MCWD could provide depth to groundwater and groundwater elevations for the existing water supply wells and the existing groundwater monitoring wells at the wastewater treatment and disposal facilities to the NKGSA to incorporate into their analysis.

Groundwater Quality Investigation Program

Malaga CWD shall continue the testing of District wells that was begun in 1989. The District will monitor the quality of water supplied to its customers.

The goals of this groundwater quality investigation program are: 1) to monitor the historical DBCP problem; and 2) to discover developing pollution problems early so the drinking water supply is protected and contamination and clean-up expenses are minimized.

Water Extractions and Distribution System Monitoring Program

Malaga CWD needs to account for the District water supply as accurately as is possible with the existing system. It is noted that all water service connections received new meters in 2019. The District is now able to determine the quantity of unaccounted for water.

The District performed a leak detection program and audit of water meters in 2004. The District did not identify significant leaks.

The NKGSA has prepared and adopted a Groundwater Sustainability Plan. It is recommended that MCWD efforts are coordinated with the NKGSA regarding developing information on private wells in the Sphere of Influence of the MCWD.

The NKGSA is legislatively empowered to define, fund, and implement groundwater management actions within the Kings Subbasin.

Institutional Actions

It is recommended that the MCWD discuss with legal counsel any actions associated with investigation of private wells in the area. The potential incorporation of Malaga may also impact actions associated with private wells in the area.

Long-Term Water Management

Groundwater Management

The objective of the Malaga CWD is to improve the quality and quantity of the District's groundwater supply. A comprehensive groundwater management program needs to be developed to achieve this goal. The legislation enacted by AB 2523 authorizes and requires the District to proceed in this direction. The data discussed in the previous section provides the basis for future evaluation and development of the District's groundwater management plan.

However, the commencement of SGMA activities by the NKGSA provides a framework for the District to achieve many of its groundwater management goals within the larger administrative structure of the GSA.

The information developed by the NKGSA provides the District with a regional picture of the groundwater conditions near the District. The improvement of water use records (with the new meters) should provide improved tools to review the actual water deliveries and to determine if leaks or other anomalies are present in the system.

To improve groundwater levels, decrease overdraft, and perhaps slow or divert the spread of a contaminant plume, one of the major considerations for future work relates to groundwater recharge. It is noted that the MCWD has finalized an agreement with FID to bring surface water to MCWD for recharge. In addition, the MCWD has been in negotiations with the FMFCD and FID regarding the potential to deliver surface water allocations to FMFCD Basin CF for the purpose of groundwater recharge and mitigation of groundwater deficit pumping by the MCWD. An exhibit showing the proposed improvements is included as Appendix E.

Water Distribution System Management

Effective management of a water distribution system begins with fully metered water use. The District can conduct water audits and collect more detailed water use data

now. Periodic water audits would identify system water losses, and water use data is invaluable in the development and evaluation of water conservation plans. If unaccounted water losses are discovered by water audits, field leak detection procedures can be employed to locate leaks and the damage repaired.

Other considerations for water conservation may include:

(1) Modifications to the plumbing code to require water conserving fixtures,

(2) Public information and programs relating to water conservation and water quality,

(3) New water rate schedules,

(4) Developing a water reuse and wastewater reclamation program,

(5) Promoting low water use landscaping, and

(6) Providing on-site water conservation audits for water users.

Future Water Management Program

Efforts by Malaga CWD over the next several years will be coordinated with the NKGSA with the goal of determining and implementing methods to improve management of the groundwater resource, protect water quality, and conserve water supplies. The biennial reports and public meetings will serve as one source of information for District water users. Participation in the Groundwater Sustainability Plan will help to develop appropriate groundwater management activities for the District to maintain sustainable groundwater management into the future.

Other methods of information will be developed, as appropriate, to inform and educate water users on specific proposals, projects and public information pertinent to the District's operation and water management program. The most significant ongoing source of information for the public is the District's web page.

Consistent with District Ordinance Chapter 2.11, the MCWD has expressed an interest to perform the following:

Develop a means to inspect and conduct testing where there is reason to believe there has been surface contamination to protect groundwater - as allowed by water code section 31144.7. It is recommended that the MCWD consider authorizing the drafting of procedures and fees and adopt by Resolution. (Ordinance 2.11)

Identification and monitoring of non agricultural wells within the District (Ordinance 2.11.100). Contact the owners of the private wells consistent with Ordinance sections 2.11.100 C, D, and E. Make recommendations to the MCWD Board associated with Ordinance section 2.11.100 F.

Determine the appropriate amount of water that should be returned to the WWTF (Ordinance 2.11.090). Develop a formula to define the supplemental surcharge for water not returned, based on type of industry. This fee would

be used to help pay for purchase of supplemental surface water allocations to offset the groundwater deficit.

APPENDIX A

Assembly Bill No. 2523

MALAGA COUNTY WATER DISTRICT-GROUNDWATER..., 1989 Cal. Legis. Serv....

1989 Cal. Legis. Serv. 580 (West)

CALIFORNIA LEGISLATIVE SERVICE 1989-90 REGULAR SESSION (1989 Laws)

Additions are indicated by <<+ UPPERCASE +>> Deletions by <<- *** ->>

CHAPTER 580 A.B.No. 2523 MALAGA COUNTY WATER DISTRICT—GROUNDWATER MANAGEMENT ACTIVITIES

AN ACT to add Article 9.7 (commencing with Section 31144.7) to Chapter 1 of Part 5 of Division 12 of the Water Code, relating to county water districts.

[Approved by Governor September 20, 1989.]

[Filed with Secretary of State September 21, 1989.]

LEGISLATIVE COUNSEL'S DIGEST

AB 2523, Costa. Malaga County Water District.

(1) Under existing law, county water districts are not generally authorized to undertake groundwater management activities and to levy groundwater extraction charges.

This bill would authorize the Malaga County Water District in Fresno County to undertake specified groundwater management activities and, for that purpose, to levy and collect groundwater extraction charges in accordance with prescribed procedures and requirements. The bill would require the district to prepare a biennial report on district water supplies and to conduct specified hearings, thereby imposing a state-mandated local program.

The bill would also authorize the Malaga County Water District to carry on technical investigations, as specified, and to regulate the discharge of pollutants into the district's facilities, as prescribed, and to exercise specified related powers.

(2) The California Constitution requires the state to reimburse local agencies and school districts for certain costs mandated by the state. Statutory provisions establish procedures for making that reimbursement.

This bill would provide that no reimbursement is required by this act for a specified reason.

The people of the State of California do enact as follows:

CA WATER Prec. § 31144.7

MALAGA COUNTY WATER DISTRICT-GROUNDWATER..., 1989 Cal. Legis. Serv....

SECTION 1. Article 9.7 (commencing with Section 31144.7) is added to Chapter 1 of Part 5 of Division 12 of the Water Code, to read:

Article 9.7. Malaga County Water District

CA WATER § 31144.7

31144.7. In addition to the other powers provided by law, the Malaga County Water District, Fresno County, shall, within the boundaries of the district, have all of the following powers and shall promptly and effectively exercise those powers that are appropriate for improving water quality and supply, reducing the use of water, and preventing nuisance, pollution, waste, and contamination of water:

(a) To carry on technical and other investigations, examinations, or tests, of all kinds, make measurements, collect data, and make analyses, studies, and inspections pertaining to the water supply, use of water, water quality, nuisance, pollution, waste, and contamination of water, both within and without the district, including, but not limited to, those activities related to use of public, combined, or private septic and septic tank disposal systems.

(b) To regulate, prohibit, or control the discharge of pollutants, waste, or any other material into the district's facilities by requiring dischargers to obtain a permit from the district prior to any discharge and by prohibiting the discharge of pollutants or other material which does or may cause a nuisance into the district's facilities without first obtaining a permit from the district, but if a federal permit has been issued for the discharge, a permit may be issued by the district at no fee to the discharger; to require a fee to be collected prior to the issuance of a discharge permit, if the amount of the fee does not exceed the cost of issuing the permit; to require all permitholders to indemnify the district from any and all damages, penalties, or other expenses imposed on or required of the district by state or federal agencies due to any discharge by the permitholders into district facilities.

(c) To establish compliance with any federal, state, or local law, regulation, order, or rule relating to water pollution or the discharge of pollutants, waste, or any other material into the district's facilities. For this purpose, any authorized representative of the district, upon presentation of his or her credentials or, if necessary under the circumstances, after obtaining an inspection warrant pursuant to Title 13 (commencing with Section 1822.50) of Part 3 of the Code of Civil Procedure, has the right of entry to any premises on which a water pollution, waste, or contamination source is located for the purpose of inspecting the source, including securing samples of discharges therefrom, or any records required to be maintained in connection therewith by federal, state, or local law, regulation, order, or rule.

CA WATER § 31144.71

31144.71. (a) For the common benefit of the district and for the purpose of managing the groundwater basin and managing, replenishing, regulating, and protecting the groundwater supplies within the district, the Malaga County Water District may exercise any of the following powers:

(1) Provide for the conjunctive use of groundwater and surface water resources within the district.

(2) Store water in underground water basins or reservoirs within or outside of the district.

(3) Exchange water.

(4) Distribute water to persons in exchange for ceasing or reducing groundwater extractions.

(5) Transport, reclaim, purify, treat, inject, extract, or otherwise manage and control water for the beneficial use of persons or property within the district and to improve and protect the quality of groundwater supplies within the district.

(b) The district may, pursuant to Sections 31020 and 31021, enter into an agreement or agreements with other public agencies for the purpose of participating in basinwide groundwater management activities.

CA WATER § 31144.72

31144.72. In addition to the other powers provided by law, the Malaga County Water District may levy and collect fees or charges in the manner provided for in this division for activities undertaken pursuant to Section 31144.71.

CA WATER § 31144.73

31144.73. The district shall biennially prepare a written report on the district's activities in the protection and augmentation of the water supplies of the district. The report shall include, among other information the board may order, a financial analysis of the district's water utility system; information as to the present and future water requirements of the district, the water supply available to the district, and future capital improvement and maintenance and operating requirements; a method of financing those requirements; a recommendation as to whether or not a groundwater charge should be levied in any zone

or zones of the district during the ensuing water year and, if any groundwater charge is recommended, a proposal of a rate per acre-foot for all water other than agricultural water for the zone or zones.

CA WATER § 31144.74

31144.74. As used in connection with the groundwater charge authorized by this article, the following words shall have the following meanings:

(a) "District" means the Malaga County Water District.

(b) "Person," "owner," or "operator" means federal, state, or local agencies, private corporations, firms, or partnerships, and individuals or groups of individuals, whether legally organized or not. "Owner" or "operator" also means the person to whom a water-producing facility is assessed by the county assessor, or, if not separately assessed, the person who owns the land upon which a water-producing facility is located.

(c) "Groundwater" means nonsaline water beneath the natural surface of the ground, whether or not flowing through known and definite channels. "Nonsaline water" means water which has less than 1,000 parts of chlorides to 1,000,000 parts of water, both quantities measured by weight.

(d) "Production" or "producing" means the extraction or extracting of groundwater, by pumping or any other method, from shafts, tunnels, wells (including, but not limited to, abandoned oil wells), excavations or other sources of groundwater, for domestic, municipal, irrigation, industrial, or other beneficial use, but does not mean or include the extraction of groundwater produced in the construction or reconstruction of a well, or water incidentally produced in a bona fide mining or excavation operation or water incidentally produced in the bona fide construction of a tunnel, unless the groundwater so extracted shall be used or sold by the producer for domestic, municipal, irrigation, industrial, or other beneficial use.

(e) "Water-producing facility" means any device or method, mechanical or otherwise, for the production of water from the groundwater supplies within the district or a zone thereof.

(f) "Water production statement" means the certified statement filed by the owner or operator of a water-producing facility with the district of the production of groundwater from the facility in a specified period.

(g) "Water year" means July 1 of one calendar year to June 30 of the following calendar year.

(h) "Agricultural water" means water primarily used in the commercial production of agricultural crops or livestock.

CA WATER § 31144.75

31144.75. On the second Tuesday in February of each even-numbered year, the report shall be delivered to the clerk of the district board in writing. The clerk shall publish, pursuant to Section 6061 of the Government Code, a notice of the receipt of the report and of the public hearing to be held on the second Tuesday in March in a newspaper of general circulation printed and published within the district, at least 10 days prior to the date at which the public hearing regarding the report shall be held. The notice, among other information which the district may provide therein, shall contain an invitation to all operators of water-producing facilities within the district, to call at the offices of the district to examine the report. A public hearing shall be held on the second Tuesday of March of each even-numbered year in the chambers of the board, at which time any operator of a water-producing facility in the district, or any person interested in the district's activities in the protection and augmentation of the water supplies of the district, or any person interested in the district's activities in the protection and augmentation of the water supplies of the district, or any person interested in the district's activities in the protection and augmentation of the water supplies of the district, or any person interested in the district's activities in the protection and augmentation of the water supplies of the district, or any person interested in the district's activities in the protection and augmentation of the water supplies of the district, may in person, or by representative, appear and submit evidence concerning the subject of the report.

CA WATER § 31144.76

31144.76. (a) Prior to the end of the water year in which the hearing is held, and based upon the findings and determinations at the hearing, the board shall determine whether or not a groundwater charge should be levied in any zone or zones. If the board determines that a groundwater charge should be levied, the board shall levy, assess, and affix the charge or charges against all persons operating water-producing facilities within that zone or zones during the ensuing water year. The charge shall be computed at a fixed and uniform rate per acre-foot for all water other than agricultural water. The rates shall be established each year in accordance with a budget for that year and shall be at a fixed and uniform rate for all water other than agricultural water.

(b) Any groundwater charge levied pursuant to this article shall be in addition to any general tax or assessment levied within the district or any zone or zones thereof.

(c) Clerical errors occurring or appearing in the name of any person or in the description of the water-producing facility where the production of water therefrom is otherwise properly charged, or in the making or extension of any charge upon the

MALAGA COUNTY WATER DISTRICT-GROUNDWATER..., 1989 Cal. Legis. Serv

records which do not affect the substantial rights of the assessee or assessees, shall not invalidate the groundwater charge.

CA WATER § 31144.77

31144.77. (a) After the establishment of a zone in which a groundwater charge may be levied, each owner or operator of a water-producing facility within the zone, until such time as the water-producing facility has been permanently abandoned, shall file with the district, on or before the 30th day following the end of collection periods established by the board, a water production statement setting forth the total production in acre-feet of water for the preceding collection periods, a general description or number locating each water-producing facility, the method or basis of the computation of that water production, and the amount of the groundwater charge based on that computation. The collection periods may be established at not greater than a year or less than six months. If no water has been produced from the water-producing facility during a preceding collection period, this statement shall be filed, setting forth that no water has been produced during that period. The statement shall be verified by a written declaration that it is made under the penalties of perjury. The groundwater charge is payable to the district on or before the last date upon which the water production statement shall be filed, and is computed by multiplying the production in acre-feet of water for each classification as disclosed in the statement by the groundwater charge for each classification of water. At the time any water-producing facility has been permanently abandoned, the operator shall give written notice of the abandonment to the district. If any operator of a water-producing facility fails to pay the groundwater charge interest at the rate of 1 percent each month on the delinquent amount of the groundwater charge.

(b) If any owner or operator of a water-producing facility fails to register each water-producing facility, or fails to file the water production statements as required by this article, the district shall, in addition to charging interest as provided, assess a penalty charge against that owner or operator in subdivision (a), an amount of 10 percent of the amount found by the district to be due. The board may adopt regulations to provide that in excusable or justifiable circumstances the penalty may be reduced or waived.

(c) When a water-measuring device is permanently attached to a water-producing facility, the record or production as disclosed by that water-measuring device shall be presumed to be accurate and shall be used as the basis for computing the water production of that water-producing facility in completing the water production statement, unless it can be shown that the water-measuring device is not measuring accurately.

(d) When a water-measuring device is not permanently attached to a water-producing facility, the board may establish a method or methods to be used in computing the amount of water produced from the water-producing facility. The methods may be based upon any, or any combination, of the following criteria:

(1) The minimum charge sufficient to cover administrative costs of collection.

(2) The size of the water-producing facility discharge opening.

(3) The area served by the water-producing facility.

(4) The number of persons served by the water-producing facility.

(5) The use of land served by the water-producing facility.

(6) Any other criteria which may be used to determine with reasonable accuracy the amount of water produced from the water-producing facility.

(e) The district may levy an annual charge upon a water-producing facility for which no production has been recorded but which has not been permanently abandoned, except that this charge shall not exceed the annual cost to the district of maintaining and administering the registration of that facility.

CA WATER § 31144.78

31144.78. Upon good cause shown, an amended statement of water production may be filed or a correction of the records may be made at any time within six months of filing the water production statement. If pursuant to Section 31144.79, the owner or operator has been notified of a determination by the district that the production of water from the water-producing facility is in excess of that disclosed by the sworn statement covering the water-producing facility, and that owner or operator fails to protest the determination in the manner and in the time set forth in Section 31144.79, the owner or operator shall be precluded from later filing an amended water production statement for that period for the water-producing facility.

CA WATER § 31144.79

31144.79. (a) If the district has probable cause to believe that the production of water from any water-producing facility is in excess of that disclosed by the sworn statements covering the water-producing facility, or if no statements are filed covering

any water-producing facility, the district may cause an investigation and report to be made concerning the production of water from each such water-producing facility. The district may fix the amount of water production from any such water-producing facility at an amount not to exceed the maximum production capacity of the water-producing facility.

(b) After the determination has been made by the district, a written notice thereof shall be mailed to the person operating the water-producing facility at the address shown by the district's records. The determination made by the district shall be conclusive on all persons having an interest in the water-producing facility, and the groundwater charge, interest, and penalties thereon, shall be paid forthwith, unless that person files with the board within 15 days after the mailing of the notice, a written protest setting forth the ground or grounds for protesting the amount of production so fixed. Upon the filing of that protest, the board shall hold a hearing at which time the total amount of the water production and the groundwater charge thereon shall be determined, which shall be conclusive if based upon substantial evidence. If the water production statement was filed and the amount disclosed thereon was paid within the time required under this article, and the board finds that the failure to report the amount of water actually produced resulted from excusable or justifiable circumstances, the board may waive the charge of interest on the amount found to be due. A notice of the hearing shall be mailed to the protestant at least 10 days before the date fixed for the hearing. Notice of the determination by the board shall be mailed to the protestant, who shall have 30 days from the date of mailing to pay the groundwater charge, interest, or penalties provided under this article.

(c) Notice as required in this section shall be given by deposit thereof in any postal facility regularly maintained by the government of the United States in a sealed envelope with postage paid, addressed to the person on whom it is served at the name and address disclosed by the records of the district. This service is complete at the time of deposit.

SEC. 2. The Legislature hereby finds and declares that special circumstances exist within the Malaga County Water District because of the unique water quality and groundwater problems within the district and the absence of any other public agency willing or able to address these problems. The Legislature finds and declares that a general act cannot be made applicable to this unique situation and that it is, therefore, necessary to enact this special act relating to the Malaga County Water District.

SEC. 3. No reimbursement is required by this act pursuant to Section 6 of Article XIII B of the California Constitution because this act is in accordance with the request of a local agency or school district which desired legislative authority to carry out the program specified in this act. Notwithstanding Section 17580 of the Government Code, unless otherwise specified in this act, the provisions of this act shall become operative on the same date that the act takes effect pursuant to the California Constitution.

CA LEGIS (1989) 580

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APPENDIX B

Financial Information

APPENDIX C

Malaga CWD Well Pumping Data

FIGURE 2 District Water Supply



Malaga County Water District Well Pumping Records (in gallons)

Year	Month	Well No. 1	Well No. 2	Well No. 3	Well No. 4	Well No. 5	Well No. 6	TOTALS
1972	January	12,245,400	8,652,000	-	-	-	-	20,897,400
	February	7,661,300	9,593,000	-	-	-	-	17,254,300
	March	9,196,900	14,869,000	-	-	-	-	24,065,900
	April	14,898,400	11,963,000	-	-	-	-	26,861,400
	May	20,565,500	12,714,000	-	-	-	-	33,279,500
	June	22,832,800	14,314,000	-	-	-	-	37,146,800
	July	23,251,100	15,307,000	-	-	-	-	38,558,100
	August	23,498,700	14,426,000	-	-	-	-	37,924,700
	September	16,795,600	13,055,000	-	-	-	-	29,850,600
	October	16,969,700	7,232,000	-	-	-	-	24,201,700
	November	15,921,500	2,270,000	-	-	-	-	18,191,500
	December	10,300,200	7,362,000	-	-	-	-	17,662,200
1972	TOTALS	194,137,100	131,757,000	-	-	-	-	325,894,100
Year	Month	Well No. 1	Well No. 2	Well No. 3	Well No. 4	Well No. 5	Well No. 6	TOTALS
1973	January	12,194,300	5,363,000	0	-	-	-	17,557,300
	February	11,803,400	3,798,000	0	-	-	-	15,601,400
	March	9,476,200	9,417,000	0	-	-	-	18,893,200
	April	10,770,200	3,097,000	10,016,000	-	-	-	23,883,200
	May	7,194,700	3,000	28,014,000	-	-	-	35,211,700
	June	835,900	0	35,384,000	-	-	-	36,219,900
	July	5,095,000	0	35,134,000	-	-	-	40,229,000
	August	7,644,200	20,072,000	9,159,000	-	-	-	36,875,200
	September	14,770,100	16,327,000	0	-	-	-	31,097,100
	October	8,524,000	14,078,000	12,235,000	-	-	-	34,837,000
	November	4,707,400	2,388,000	13,989,000	-	-	-	21,084,400
	December	4,252,800	2,782,000	11,191,000	-	-	-	18,225,800
1973	TOTALS	97,268,200	77,325,000	155,122,000	-	-	-	329,715,200
Year	Month	Well No. 1	Well No. 2	Well No. 3	Well No. 4	Well No. 5	Well No. 6	TOTALS
1974	January	1,981,900	4,769,000	10,838,000	-	-	-	17,588,900
	February	3,283,900	2,866,000	10,664,000	-	-	-	16,813,900
	March	3,628,000	4,253,000	13,569,000	-	-	-	21,450,000
	April	4,923,800	3,984,000	16,109,000	-	-	-	25,016,800
	May	8,108,900	7,370,000	19,597,000	-	-	-	35,075,900
	June	8,075,700	10,413,000	20,660,000	-	-	-	39,148,700
	July	7,701,700	8,809,000	25,707,000	-	-	-	42,217,700
	August	7,704,100	9,249,000	25,274,000	-	-	-	42,227,100
	September	24,232,900	8,106,000	21,220,000	-	-	-	53,558,900
	October	5,215,200	6,035,000	17,301,000	-	-	-	28,551,200
	November	4,375,800	4,626,000	12,086,000	-	-	-	21,087,800
	December	4,930,000	5,591,000	9,693,000	-	-	-	20,214,000
1974	TOTALS	84,161,900	76,071,000	202,718,000	-	-	-	362,950,900

Malaga County Water District Well Pumping Records (in gallons)

Year	Month	Well No. 1	Well No. 2	Well No. 3	Well No. 4	Well No. 5	Well No. 6	TOTALS
1975	January	4,262,400	13,586,000	540,000	-	-	-	18,388,400
	February	3,840,600	9,969,000	4,351,000	-	-	-	18,160,600
	March	4,036,000	4,324,000	13,232,000	-	-	-	21,592,000
	April	3,164,800	4,881,000	18,281,000	-	-	-	26,326,800
	May	5,207,900	8,406,000	22,503,000	-	-	-	36,116,900
	June	5,822,500	8,035,000	25,460,000	-	-	-	39,317,500
	July	6,372,700	8,290,000	28,047,000	-	-	-	42,709,700
	August	6.064,500	8,731.000	27,861.000	-	-	-	42.656,500
	September	6.475.500	6.150.000	23.929.000	-	-	-	36.554.500
	October	6 115 600	4 935 000	20,646,000	-			31 696 600
	November	4 422 500	4 537 000	15 824 000				24 783 500
	December	3,344,300	4,435,000	14,033,000	-	-	-	21,812,300
1975	TOTALS	59,129,300	86,279,000	214,707,000	-	-	-	360,115,300
Year	Month	Well No. 1	Well No. 2	Well No. 3	Well No. 4	Well No. 5	Well No. 6	TOTALS
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1976	January	2,508,500	3,783,000	17,105,000	-	-	-	23,430,500
	February	3,999,700	8,782,000	12,111,000	-	-	-	24,892,700
	March	2,117,100	13,129,000	14,348,000	-	-	-	29,594,100
	April	4,489,200	5,879,000	21,478,000	-	-	-	31,846,200
	May	11,019,900	11,310,000	17,211,000	-	-	-	39,540,900
	June	6,444,800	7,476,000	29,682,000	-	-	-	43,602,800
	July	5,822,600	6,154,000	36,336,000	-	-	-	48,312,600
	August	6,975,500	8,997,000	25,349,000	-	-	-	41,321,500
	September	6,794,500	12,565,000	17,100,000	-	-	-	36,459,500
	October	6,092,400	11,291,000	15,495,000	-	-	-	32,878,400
	November	6,601,800	9,309,000	13,766,000	-	-	-	29,676,800
	December	4,417,800	10,382,000	13,138,000	-	-	-	27,937,800
1976	TOTALS	67,343,800	109,057,000	233,119,000	-	-	-	409,519,800
Year	Month	Well No. 1	Well No. 2	Well No. 3	Well No. 4	Well No. 5	Well No. 6	TOTALS
1977	January	2.484.900	10.300.000	11.033.000	-	_	_	23.817.900
	February	3.105.100	9.175.000	10.733.000	-	-	-	23.013.100
	March	5.431.200	9.673.000	11.628.000	-	-	-	26.732.200
	April	4 819 800	11 979 000	13 641 000	-	-	-	30 439 800
	May	3 675 400	8 766 000	15,015,000	_	_	_	27 456 400
	June	5 827 400	11 725 000	16 015 000			<u> </u>	33 567 400
	July	7 3/0 000	12 504 000	19.878.000		-	+	39 731 000
	August	8 674 600	14 211 000	15,070,000			+	28 604 600
	August Santamh	5,074,000	14,211,000	10,719,000	-	-		24 800 400
	September	5,520,400	10,041,000	19,529,000	-	-		34,890,400
	October	3,101,700	/,/86,000	9,451,000	-	-	-	20,338,700
	November December	2,594,900	4,964,000	11,711,000		-		19,269,900
1977	TOTALS	54,946,100	117,690,000	165,553,000	-	-	-	338,189,100
Year	Month	Well No. 1	Well No. 2	Well No. 3	Well No. 4	Well No. 5	Well No. 6	TOTALS
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1978	January	1,839,800	4,681,000	9,627,000	-	-	-	16,147,800
	February	0	0	16,553,000	-	-	-	16,553,000
	March	3,212,600	0	16,909,000	-	-	-	20,121,600
	April	2,809,600	0	14,200,000	-	-	-	17,009,600
	May	5,357,200	0	24,143,000	-	-	-	29,500,200
	June	6,698,600	0	29,034,000	-	-	-	35,732,600
	July	6,576,000	0	29,639,000	-	-	-	36,215,000
	August	6,970,400	0	29,754,000	-	-	-	36,724,400
	September	6,170,000	0	21,490,000	-	-	-	27,660,000
	October	5,635,900	0	23,027,000	-	-	-	28,662,900
	November	1,238,500	0	19,703,000	-	-	-	20,941,500
	December	3,251,600	0	14,589,000	-	-	-	17,840,600
1978	TOTALS	49,760,200	4,681,000	248,668,000	-	-	-	303,109,200
Year	Month	Well No. 1	Well No. 2	Well No. 3	Well No. 4	Well No. 5	Well No. 6	TOTALS
1979	January	3,560,400	0	13,034,000	-	-	-	16,594,400
	February	3,528,600	0	12,522,000	-	-	-	16,050,600
	March	3,817,400	0	15,249,000	-	-	-	19,066,400
	April	5,349,500	0	19,504,000	-	-	-	24,853,500
	May	6,918,000	0	27,305,000	-	-	-	34,223,000
	June	6,171,900	0	26,720,000	-	-	-	32,891,900
	July	6,890,300	0	26,625,000	-	-	-	33,515,300
	August	7,478,100	0	29,946,000	-	-	-	37,424,100
	September	7.011.800	0	24.072.000	-	-	-	31.083.800
	October	5,810,100	0	22.213.000	-	-	-	28.023,100
	November	4.223.600	0	17.086.000	-	-	-	21.309.600
	December	3,660,700	0	14,365,000	-	-	-	18,025,700
1979	TOTALS	64,420,400	0	248,641,000	-	-	-	313,061,400
Year	Month	Well No. 1	Well No. 2	Well No. 3	Well No. 4	Well No. 5	Well No. 6	TOTALS
1980	January	3,512,500	0	13,568,000	-	-	-	17,080,500
	February	3,898,200	0	12,134,000	-	-	-	16,032,200
	March	3,820,100	0	15,249,000	-	-	-	19,069,100
	April	5,007,400	0	19,624,000	-	-	-	24,631,400
	May	5,453,800	0	23,358,000	-	-	-	28,811,800
	June	7,436,600	0	25,999,000	-	-	-	33,435,600
	July	6,813,400	0	30,190,000	-	-	-	37,003,400
	August	7,903,800	0	28,387,000	-	-	-	36,290,800
	September	6,778,900	0	28,860,000	-	-	-	35,638,900
	October	5,163.700	0	21,930.000	-	-	-	27,093,700
	November	4.235.600	0	21.930.000	-	-	-	26,165,600
	December	3,521,800	0	12,317,000	-	-	-	15,838,800
1980	TOTALS	63,545,800	0	253,546,000	-	-	-	317,091,800

Year	Month	Well No. 1	Well No. 2	Well No. 3	Well No. 4	Well No. 5	Well No. 6	TOTALS
1981	January	3,565,700	0	15,388,000	0	-	-	18,953,700
	February	3,313,600	0	11,014,000	0	-	-	14,327,600
	March	3,582,900	0	14,734,000	0	-	-	18,316,900
	April	4,538,000	0	17,841,000	0	-	-	22,379,000
	May	5,651,100	0	23,307,000	0	-	-	28,958,100
	June	6,578,900	0	27,777,000	0	-	-	34,355,900
	July	7,676,400	0	29,299,000	0	-	-	36,975,400
	August	7,847,300	0	28,235,000	0	-	-	36,082,300
	September	5,854,100	0	23,575,000	0	-	-	29,429,100
	October	2,768,200	0	16,801,000	1,563,000	-	-	21,132,200
	November	0	0	13,065,000	3,188,000	-	-	16,253,000
	December	0	0	13,655,000	2,666,000	-	-	16,321,000
1981	TOTALS	51,376,200	0	234,691,000	7,417,000	-	-	293,484,200
Year	Month	Well No. 1	Well No. 2	Well No. 3	Well No. 4	Well No. 5	Well No. 6	TOTALS
1082	Ionuora	0	0	12 218 000	2 282 000			14 601 000
1962	February	1 744 800	0	8 119 000	2,283,000	-	-	13 500 800
	March	2 417 600	0	7 377 000	3,727,000	-	-	13,390,800
	April	3 745 000	0	8 334 000	3,635,000	-	-	15 759 000
	Mov	8 484 200	0	12 227 000	5,080,000	-	-	27 125 200
	Juno	0,14,100	0	12 252 000	5,514,000	-	-	27,125,200
	July	4 842 600	0	12 202 000	11 628 000	-	-	20,110,100
	August	6 722 700	0	12 260 000	0 512 000	-	-	29,705,000
	Sontombor	0,735,700	0	12,001,000	2 858 000	-	-	29,005,700
	Ostahan	6,737,800	0	7.071.000	2,030,000	-	-	18 600 200
	Nevember	5 775 400	0	2 882 000	5,202,000	-	-	12,009,200
	December	4,748,400	0	5,820,000	3,451,000			14,019,400
1982	TOTALS	63,779,800	0	117,345,000	61,923,000	-	-	243,047,800
Vear	Month	Well No. 1	Well No. 2	Well No. 3	Well No. 4	Well No. 5	Well No. 6	τοταί s
Tear	wonth	wen wo. 1	wen ito. 2	wen ito. 5	Well No. 4	wen No. 5	wen wo. o	IOIALS
1983	January	4,817,600	0	4,850,000	4,220,000	-	-	13,887,600
	February	5,048,800	0	4,555,000	2,417,000	-	-	12,020,800
	March	5,261,500	0	5,449,000	2,914,000	-	-	13,624,500
	April	7,580,600	0	7,397,000	3,105,000	-	-	18,082,600
	May	9,580,700	0	14,381,000	4,018,000	-	-	27,979,700
	June	13,012,000	0	12,289,000	6,709,000	-	-	32,010,000
	July	8,240,800	0	2,412,000	21,348,000	-	-	32,000,800
	August	6,971,000	0	1,420,000	24,094,000	-	-	32,485,000
	September	2,668,800	0	8,548,000	16,823,000	-	-	28,039,800
	October	2,647,300	0	7,322,000	11,477,000	-	-	21,446,300
	November	2,579,400	0	6,464,000	7,701,000	-	-	16,744,400
	December	3,216,900	0	6,288,000	6,643,000	-	-	16,147,900
1983	TOTALS	71,625,400	0	81,375,000	111,469,000	-	-	264,469,400

Year	Month	Well No. 1	Well No. 2	Well No. 3	Well No. 4	Well No. 5	Well No. 6	TOTALS
1984	January	2,180,700	0	5,648,000	7,815,000	-	-	15,643,700
	February	1,863,200	0	6,167,000	8,405,000	-	-	16,435,200
	March	2,583,700	0	5,895,000	13,516,000	-	-	21,994,700
	April	2,649,900	0	6,863,000	15,313,000	-	-	24,825,900
	May	6,181,300	0	12,049,000	15,246,000	-	-	33,476,300
	June	13,068,500	0	7,613,000	14,437,000	-	-	35,118,500
	July	14,244,700	0	11,162,000	13,492,000	-	-	38,898,700
	August	14,503,700	0	16,049,000	8,230,000	-	-	38,782,700
	September	10,008,400	0	5,231,000	17,333,000	-	-	32,572,400
	October	8,004,800	0	0	15,023,000	-	-	23,027,800
	November	6,505,400	0	0	12,819,000	-	-	19,324,400
	December	3,325,000	0	5,559,000	8,103,000	-	-	16,987,000
1984	TOTALS	85,119,300	0	82,236,000	149,732,000	-	-	317,087,300
Year	Month	Well No. 1	Well No. 2	Well No. 3	Well No. 4	Well No. 5	Well No. 6	TOTALS
1985	January	5,081,500	0	987,000	6,917,000	0	-	12,985,500
	February	4,350,600	0	18,000	6,292,000	0	-	10,660,600
	March	3,694,600	0	0	7,449,000	0	-	11,143,600
	April	6,635,400	0	0	9,709,000	0	-	16,344,400
	May	6,583,500	0	0	16,064,000	10,695,000	-	33,342,500
	June	9,856,400	0	39,000	7,931,000	17,410,000	-	35,236,400
	July	11,357,400	0	0	12,594,000	14,157,000	-	38,108,400
	August	10,254,000	0	5,051,000	8,997,000	15,089,000	-	39,391,000
	September	7,174,400	0	4,235,000	7,496,000	9,310,000	-	28,215,400
	October	7,240,400	0	868,000	7,028,000	9,847,000	-	24,983,400
	November	5,587,400	0	3,240,000	6,184,000	5,725,000	-	20,736,400
	December	4,251,600	0	2,479,000	4,879,000	5,888,000	-	17,497,600
1985	TOTALS	82,067,200	0	16,917,000	101,540,000	88,121,000	-	288,645,200
Year	Month	Well No. 1	Well No. 2	Well No. 3	Well No. 4	Well No. 5	Well No. 6	TOTALS
1986	January	5,730,500	0	878,000	6,201,000	6,629,000	-	19,438,500
	February	4,178,800	0	0	6,895,000	6,824,000	-	17,897,800
	March	4,664,300	0	2,945,000	6,048,000	6,947,000	-	20,604,300
	April	5,869,300	0	0	10,522,000	9,443,000	-	25,834,300
	May	8,128,500	0	3,815,000	10,307,000	11,202,000	-	33,452,500
	June	9,279,900	0	1,244,000	15,067,000	13,021,000	-	38,611,900
	July	9,285,800	0	0	14,314,000	15,551,000	-	39,150,800
	August	7,785,200	0	9,928,000	11,728,000	11,851,000	-	41,292,200
	September	7,942,600	0	2,780,000	10,421,000	8,060,000	-	29,203,600
	October	6,100,300	0	3,622,000	7,740,000	9,475,000	-	26,937,300
	November	6,450,400	0	1,898,000	6,999,000	3,038,000	-	18,385,400
	December	4,795,500	0	2,155,000	6,941,000	4,264,000	-	18,155,500
1986	TOTALS	80,211,100	0	29,265,000	113,183,000	106,305,000	-	328,964,100

Year	Month	Well No. 1	Well No. 2	Well No. 3	Well No. 4	Well No. 5	Well No. 6	TOTALS
1987	January	4,865,200	0	851,000	7,159,000	6,225,000	-	19,100,200
	February	3,663,800	0	3,390,000	4,494,000	6,032,000	-	17,579,800
	March	4,847,100	0	0	7,496,000	7,293,000	-	19,636,100
	April	6,019,400	0	4,452,000	9,436,000	6,693,000	-	26,600,400
	May	7,205,700	0	6,203,000	10,322,000	7,895,000	-	31,625,700
	June	9,786,500	0	0	11,931,000	15,362,000	-	37,079,500
	July	5,165,100	0	9,987,000	7,447,000	7,759,000	-	30,358,100
	August	4,230,500	0	11,234,000	8,628,000	13,471,000	-	37,563,500
	September	4,334,800	0	14,809,000	6.029.000	5.971.000	-	31,143,800
	October	6.722.100	0	1.671.000	9.287.000	10.096.000	-	27.776.100
	November	4 822 400	0	2 612 000	7 483 000	6 692 000	-	21 609 400
	December	4,832,200	0	1,228,000	5,339,000	7,943,000	-	19,342,200
1987	TOTALS	66,494,800	0	56,437,000	95,051,000	101,432,000	-	319,414,800
Year	Month	Well No. 1	Well No. 2	Well No. 3	Well No. 4	Well No. 5	Well No. 6	TOTALS
1988	Januarv	5.324.000	0	0	6,404,000	9.060.000	-	20,788,000
	February	7.694.200	0	476.000	4.700.000	6.805.000	-	19.675.200
	March	7.306.100	0	3.843.000	4,900,000	7.403.000	-	23,452,100
	April	5.978.000	0	3.354.000	6.841.000	9,144,000	-	25.317.000
	May	6.297.800	0	1.635.000	9.533.000	11.709.000	-	29.174.800
	June	7 661 200	0	6 302 000	11 118 000	12,094,000	-	37 175 200
	July	10 451 300	<u>.</u>	4 259 000	12 415 000	14 736 000	-	41 861 300
	August	10 131 600	<u>.</u>	7 879 000	11 034 000	13 368 000	-	42 412 600
	September	8 879 100		6 610 000	11 358 000	12 715 000	_	39 562 100
	October	6 773 400	0	0,010,000	12 219 000	12,715,000	_	41 335 400
	November	5 845 200	0	10 127 000	0 503 000	10,518,000	-	26 082 200
	December	8,323,000	0	2,200,000	4,713,000	8,256,000		23,492,000
1988	TOTALS	90,665,000	0	56,483,000	104,828,000	128,353,000	-	380,329,000
Year	Month	Well No. 1	Well No. 2	Well No. 3	Well No. 4	Well No. 5	Well No. 6	TOTALS
1989	January	9 629 300	0	5 960 000	5 184 000	9 124 000	-	29 897 300
1707	February	9 284 700	0	4 841 000	5 040 000	8 948 000	-	28 113 700
	March	10 934 800	0	11 027 000	6 614 000	10 532 000	-	39 107 800
	April	12 466 200		4 192 000	7 370 000	11 912 000	-	35 940 200
	May	16 613 000		6 800 000	9 970 000	15,006,000	_	48 389 000
	June	16 363 700	0	4 481 000	12 911 000	18 279 000	_	52 034 700
	July	16 948 300	0	6 695 000	15 341 000	21 600 000	-	60 584 300
	August	14 888 700	0	12 221 000	13 780 000	17 964 000	-	58 853 700
	Sentember	11,008,700	0	6 781 000	11 032 000	15 274 000	_	44 185 200
	October	10 480 000	0	7 472 000	7 860 000	14 084 000	-	40.814.000
	November	6 761 000	0	/,4/2,000	2,002,000	14,204,000	-	20 206 000
	December	9,092,900	0	3,261,000	5,389,000	13,531,000		31,273,900
1989	TOTALS	144,570,700	0	73,731,000	109,498,000	171,691,000	-	499,490,700

Year	Month	Well No. 1	Well No. 2	Well No. 3	Well No. 4	Well No. 5	Well No. 6	TOTALS
1990	January	7,224,800	0	0	9,216,000	14,196,000	-	30,636,800
	February	6,267,900	0	3,677,000	6,956,000	10,614,000	-	27,514,900
	March	7,136,400	0	4,389,000	10,274,000	13,850,000	-	35,649,400
	April	478,900	0	13,754,000	11,570,000	11,529,000	-	37,331,900
	May	2,182,000	0	12,245,000	17,820,000	16,081,000	-	48,328,000
	June	2,384,300	0	15,727,000	22,443,000	13,472,000	-	54,026,300
	July	7,240,600	0	9,186,000	18,728,000	19,371,000	-	54,525,600
	August	5,527,300	0	10,828,000	19,137,000	19,572,000	-	55,064,300
	September	2,106,200	0	18,033,000	13,656,000	12,977,000	-	46,772,200
	October	10,498,300	0	16,432,000	8,344,000	7,594,000	-	42,868,300
	November	400,500	0	13,597,000	9,979,000	10,134,000	-	34,110,500
	December	2,961,100	0	7,593,000	9,605,000	12,819,000	-	32,978,100
1990	TOTALS	54,408,300	0	125,461,000	157,728,000	162,209,000	-	499,806,300
Year	Month	Well No. 1	Well No. 2	Well No. 3	Well No. 4	Well No. 5	Well No. 6	TOTALS
1991	January	134,600	0	7,945,000	12,935,000	12,974,000	-	33,988,600
	February	656,900	0	11,977,000	11,367,000	9,310,000	-	33,310,900
	March	1,106,800	0	11,831,000	8,513,000	10,030,000	-	31,480,800
	April	2,135,900	0	10,023,000	10,395,000	8,763,000	-	31,316,900
	May	8,571,600	0	5,431,000	13,145,000	13,728,000	-	40,875,600
	June	6,428,300	0	13.022.000	10.059.000	10,940,000	-	40,449,300
	Julv	2,207.000	0	16,560,000	15,905,000	14.518.000	-	49,190,000
	August	9,919,900	0	12,937,000	15.041.000	12.486.000	-	50,383,900
	September	8.805.500	0	14.312.000	12.722.000	11.334.000	-	47.173.500
	October	8 955 000	0	12 209 000	11 042 000	11 437 000	-	43 643 000
	November	8 877 500	0	9 227 000	8 340 000	5 434 000	-	31 878 500
	December	7,142,400	0	9,125,000	6,357,000	5,309,000	-	27,933,400
1991	TOTALS	64,941,400	0	134,599,000	135,821,000	126,263,000	-	461,624,400
Year	Month	Well No. 1	Well No. 2	Well No. 3	Well No. 4	Well No. 5	Well No. 6	TOTALS
1992	January	7,222,100	0	9,354,000	5,937,000	7,483,000	-	29,996,100
	February	7,119,300	0	8,823,000	5,773,000	7,488,000	-	29,203,300
	March	6,599,100	0	9,920,000	5,438,000	7,862,000	-	29,819,100
	April	8,205,100	0	12,151,000	7,687,000	9,453,000	-	37,496,100
	Mav	10,902,900	0	13,707.000	9.451.000	9.427.000	-	43,487,900
	June	11,497,900	0	14,919,000	11.935.000	9.379.000	-	47,730,900
	Julv	13.665.800	0	16,491,000	14,715,000	10.054.000	-	54,925,800
	August	12,365.600	0	16,881.000	13,476.000	13,041.000	-	55,763.600
	September	11,950,400	0	16,889,000	10.045.000	10.589.000	-	49,473,400
	October	9,173 200		12.608.000	7,210,000	10.269 000	-	39,260,200
	November	7 164 600	0	8 801 000	5 165 000	7 635 000	-	28 765 600
	December	8,242,100	0	11,034,000	6,662,000	8,772,000	-	34,710,100
1992	TOTALS	114,108,100	0	151,578,000	103,494,000	111,452,000	-	480,632,100

Year	Month	Well No. 1	Well No. 2	Well No. 3	Well No. 4	Well No. 5	Well No. 6	TOTALS
1993	January	8,558,000	0	10,012,000	6,813,000	7,558,000	-	32,941,000
	February	7,105,800	0	8,205,000	6,677,000	7,008,000	-	28,995,800
	March	8,636,800	0	10,297,000	7,993,000	7,977,000	-	34,903,800
	April	8,719,000	0	11,702,000	8,366,000	8,305,000	-	37,092,000
	May	9,752,300	0	12,295,000	8,989,000	8,913,000	-	39,949,300
	June	12,256,600	0	14,352,000	15,135,000	8,333,000	-	50,076,600
	July	9,944,600	0	17,950,000	21,142,000	8,893,000	-	57,929,600
	August	13,052,000	0	15,406,000	16,822,000	8,896,000	-	54,176,000
	September	13,305,100	0	16,080,000	8,920,000	10,466,000	-	48,771,100
	October	12,159,400	0	15,129,000	5,760,000	11,750,000	-	44,798,400
	November	8,507,900	0	9,323,000	6,761,000	8,641,000	-	33,232,900
	December	8,567,800	0	10,237,000	0	8,876,000	-	27,680,800
1993	TOTALS	120,565,300	0	150,988,000	113,378,000	105,616,000	-	490,547,300
Year	Month	Well No. 1	Well No. 2	Well No. 3	Well No. 4	Well No. 5	Well No. 6	TOTALS
1994	January	7,727,200	0	10,193,000	5,989,000	8,998,000	-	32,907,200
	February	6,214,600	0	10,495,000	5,683,000	7,187,000	-	29,579,600
	March	8,379,400	0	11,000,000	7,728,000	10,291,000	-	37,398,400
	April	9,542,400	0	11,560,000	8,792,000	10,269,000	-	40,163,400
	May	9,350,600	0	10,897,000	9,208,000	11,118,000	-	40,573,600
	June	9,662,900	0	16,530,000	14,194,000	12,540,000	-	52,926,900
	July	0	0	31,341,000	14,368,000	13,655,000	-	59,364,000
	August	12,815,600	0	17,793,000	15,110,000	10,662,000	-	56,380,600
	September	12,603,900	0	14,185,000	10,467,000	10,215,000	-	47,470,900
	October	8,599,400	0	11,037,000	6,239,000	7,905,000	-	33,780,400
	November	5,250,100	0	5,961,000	4,250,000	5,415,000	-	20,876,100
	December	4,251,400	0	6,140,000	3,869,000	4,694,000	-	18,954,400
1994	TOTALS	94,397,500	0	157,132,000	105,897,000	112,949,000	-	470,375,500
Year	Month	Well No. 1	Well No. 2	Well No. 3	Well No. 4	Well No. 5	Well No. 6	TOTALS
1995	January	4,341,400	0	5,785,000	3,356,000	4,613,000	-	18,095,400
	February	3,280,200	0	4,749,000	3,324,000	4,182,000	-	15,535,200
	March	3,708,000	0	5,779,000	3,287,000	4,673,000	-	17,447,000
	April	6,348,000	0	8,690,000	430,000	6,451,000	-	21,919,000
	May	9,230,600	0	11,032,000	0	7,890,000	-	28,152,600
	June	13,351,100	0	11,780,000	0	9,188,000	-	34,319,100
	July	17,277,700	0	13,910,000	0	9,123,000	-	40,310,700
	August	16,624,200	0	13,851,000	0	10,525,000	-	41,000,200
	September	10,538,000	0	13,381,000	0	11,558,000	-	35,477,000
	October	9,507,500	0	11,869,000	0	11,568,000	-	32,944,500
	November	7,906,900	0	10,456,000	0	8,280,000	-	26,642,900
	December	4,534,700	0	8,925,000	0	6,887,000	-	20,346,700
1995	TOTALS	106,648,300	0	120,207,000	10,397,000	94,938,000	-	332,190,300

Year	Month	Well No. 1	Well No. 2	Well No. 3	Well No. 4	Well No. 5	Well No. 6	TOTALS
1996	January	3,645,700	0	8,549,000	0	5,389,000	-	17,583,700
	February	3,721,600	0	9,887,000	0	3,883,000	-	17,491,600
	March	4,416,000	0	9,403,000	0	7,731,000	-	21,550,000
	April	7,432,000	0	9,090,000	4,612,000	7,172,000	-	28,306,000
	May	11,781,700	0	4,346,000	9,022,000	13,133,000	-	38,282,700
	June	15,557,500	0	3,285,000	11,431,000	14,882,000	-	45,155,500
	July	8,982,500	0	18,198,000	1,000	21,230,000	-	48,411,500
	August	7,249,000	0	16,952,000	0	23,392,000	-	47,593,000
	September	11,704,000	0	14,875,000	0	12,133,000	-	38,712,000
	October	11,104,700	0	14,292,000	0	10,105,000	-	35,501,700
	November	7.844.600	0	9,174,000	0	9.013.000	3,546,000	29,577,600
	December	8,035,500	0	9,375,000	0	8,841,000	-	26,251,500
1996	TOTALS	101,474,800	0	127,426,000	25,066,000	136,904,000	3,546,000	394,416,800
Year	Month	Well No. 1	Well No. 2	Well No. 3	Well No. 4	Well No. 5	Well No. 6	TOTALS
1997	January	5,695,700	0	7.254.000	0	5.960.000	6.024.000	24,933,700
	February	4.742.500	0	6.927.000	0	5.574.000	4.119.000	21.362.500
	March	6.471.400	0	10.319.000	226.000	6,179,000	5.147.000	28.342.400
	April	8.601.900	0	9.606.000	0	8.746.000	5.320.000	32.273.900
	May	10 291 500	0	11 327 000	0	8 511 000	10,633,000	40 762 500
	June	9 822 600	0	9 985 000	0	10 626 000	10 416 000	40 849 600
	July	12 165 000	0	10 642 000	10 782 000	9 672 000	4 182 000	47 443 000
	August	8 489 800	0	12 314 000	9 305 000	8 838 000	5 516 000	44 462 800
	Sentember	7 836 200	0	10 113 000	8 214 000	7 533 000	3 979 000	37 675 200
	October	2 637 500	0	10,957,000	8 626 000	5 859 000	5,577,000	33 706 500
	November	3 324 200	0	6 307 000	5 583 000	3 897 000	4 122 000	23 233 200
	December	4,316,400	0	6,083,000	0	4,958,000	6,107,000	21,464,400
1997	TOTALS	84,394,700	0	111,834,000	42,736,000	86,353,000	71,192,000	396,509,700
Year	Month	Well No. 1	Well No. 2	Well No. 3	Well No. 4	Well No. 5	Well No. 6	TOTALS
1998	January	4,224,500	0	6.342.000	0	4.992.000	4.988.000	20,546,500
	Februarv	3,671.400	0	5,631.000	0	4,027.000	4,285.000	17,614.400
	March	4.458.400	0	6.788.000	0	5.011.000	5.398.000	21.655.400
	April	4 552 000	0	8 015 000	0	5 618 000	6 335 000	24 520 000
	May	6,777,500	0	8.219.000	0	7.532.000	6.814.000	29.342.500
	June	7,799,900	0	7,896.000	0	8,931.000	9,009.000	33,635,900
	July	17.326.600		16.787 000		15,742,000	2.181 000	52,036,600
	August	17 814 600	0	20 246 000		18 695 000	0	56 755 600
	Sentember	6 240 200	Ň	13 213 000	0	8 198 000	13 979 000	41 630 200
	October	7 517 700	0	9 617 000	0	9 866 000	17 602 000	44 602 700
	November	4 702 900	0	8 226 000	0	8 407 000	16 091 000	37 426 900
	December	8,092,700	0	8,899,000	0	9,164,000	11,070,000	37,225,700
1998	TOTALS	93,178,400	0	119,879,000	0	106,183,000	97,752,000	416,992,400

Year	Month	Well No. 1	Well No. 2	Well No. 3	Well No. 4	Well No. 5	Well No. 6	TOTALS
1999	January	7,012,700	0	11,751,000	0	10,523,000	0	29,286,700
	February	3,320,500	0	5,719,000	0	5,290,000	11,789,000	26,118,500
	March	5,272,800	0	7,335,000	0	7,204,000	17,189,000	37,000,800
	April	5,595,200	0	6,616,000	0	7,662,000	3,172,000	23,045,200
	May	8,334,600	0	9,111,000	0	12,027,000	0	29,472,600
	June	8,231,900	0	11,227,000	0	13,100,000	0	32,558,900
	July	11,353,400	0	10,663,000	0	12,658,000	0	34,674,400
	August	10,479,400	0	12,007,000	0	15,175,000	11,895,000	49,556,400
	September	10,503,400	0	17,638,000	0	7,076,000	11,718,000	46,935,400
	October	11,619,700	0	15,093,000	0	15,663,000	6,897,000	49,272,700
	November	11,461,000	0	16,519,000	0	5,876,000	4,514,000	38,370,000
	December	11,694,300	0	19,916,000	0	0	3,769,000	35,379,300
1999	TOTALS	104,878,900	0	143,595,000	0	112,254,000	70,943,000	431,670,900
Year	Month	Well No. 1	Well No. 2	Well No. 3	Well No. 4	Well No. 5	Well No. 6	TOTALS
2000	January	7,811,200	0	14,813,000	0	0	3,129,000	25,753,200
	February	8,942,200	0	19,768,000	0	0	0	28,710,200
	March	9,969,900	0	22,696,000	0	0	0	32,665,900
	April	9,901,100	0	18,774,000	0	0	11,143,000	39,818,100
	May	10,047,300	0	17,640,000	0	0	20,787,000	48,474,300
	June	11,722,500	0	14,442,000	0	0	35,235,000	61,399,500
	July	11,283,800	0	22,172,000	0	0	30,970,000	64,425,800
	August	11,473,900	0	22,871,000	0	0	35,138,000	69,482,900
	September	10,291,000	0	15,306,000	0	0	27,017,000	52,614,000
	October	3,609,400	0	9,532,000	0	0	24,370,000	37,511,400
	November	7,009,000	0	0	0	0	18,233,000	25,242,000
	December	10,303,000	0	66,000	0	0	24,368,000	34,737,000
2000	TOTALS	112,364,300	0	178,080,000	0	0	230,390,000	520,834,300
Year	Month	Well No. 1	Well No. 2	Well No. 3	Well No. 4	Well No. 5	Well No. 6	TOTALS
2001	January	10.119.000	0	137.000	0	0	21,974,000	32,230,000
	February	8,716,000	0	82,000	- 0	0	19,472,000	28,270,000
	March	9.414.000	0	0	1.367.000	0	19.212.000	29,993,000
	April	9.534.000	0	95.000	6,074,000	0	13,899,000	29,602,000
	May	15.860,000	0	1,077,000	21.389.000	0	20,469,000	58,795,000
	June	18,695.000	0	66.000	22,950.000	0	21,916.000	63,627.000
	July	19,577.000	0	0	11,102.000	0	34,632.000	65,311.000
	August	20,586.000		0	10.074.000		34,431.000	65,091.000
	September	19,488,000	0	0	9.468.000		30,027,000	58,983,000
	October	14,861.000		0	7,885.000		21,742.000	44,488,000
	November	8.323 000	0	0	5.423.000		1.097 000	14,843,000
	December	10,860,000	0	0	4,187,000	0	11,702,000	26,749,000
2001	TOTALS	166,033,000	0	1,457,000	99,919,000	0	250,573,000	517,982,000

Year	Month	Well No. 1	Well No. 2	Well No. 3	Well No. 4	Well No. 5	Well No. 6	TOTALS
2002	January	14.392.000	0	0	4.096.000	0	5,351,000	23.839.000
2002	February	10.904.000	0	0	6.329.000	0	10.869.000	28,102,000
	March	16,079,000	0	0	6.718.000	0	13.651.000	36.448.000
	April	22.867.000	0	0	7,765,000	0	15.918.000	46.550.000
	May	20.343.000	0	0	7.007.000	0	25.069.000	52.419.000
	June	21,825,000	0		7 280 000	0	36 651 000	65 756 000
	July	22 344 000	0		11 052 000	0	36 227 000	69 623 000
	August	22,311,000	0		12,046,000	0	34 524 000	69 030 000
	September	20,993,000	0		9 232 000	0	23 913 000	54 138 000
	October	25 571 000	0		11 823 000	0	16 242 000	53 636 000
	November	12 351 000	0		7 262 000	0	16 798 000	36 411 000
	December	10.434.000	0	0	7.638.000	0	18,037,000	36.109.000
	Bereinder	10,10 1,000	Ŭ	Ũ	7,000,000	Ŭ	10,007,000	50,109,000
2002	TOTALS	220,563,000	0	0	98,248,000	0	253,250,000	572,061,000
Year	Month	Well No. 1	Well No. 2	Well No. 3	Well No. 4	Well No. 5	Well No. 6	TOTALS
2003	Ionuora	10 271 000	0	0	7 417 000	0	17 264 000	24 052 000
2003	Fohruary	0 707 000	0	0	6 056 000	0	17,204,000	34,932,000
	March	12 307 000	0	0	8 075 000	0	19,664,000	40.046.000
	April	12,507,000	0	0	7 010 000	0	17,004,000	40,040,000
	May	16 227 000	0	0	10 832 000	0	21 224 000	18 202 000
	June	18 902 000	0	0	12 198 000	0	21,234,000	67 437 000
	July	25 271 000	0	0	11 557 000	0	35,902,000	72 730 000
	August	34 170 000	0	0	2 029 000	0	37,602,000	72,750,000
	Sentember	26 914 000	0	0	6 372 000	0	27 661 000	60 947 000
	October	20,914,000	0	0	542,000	0	34 292 000	56 582 000
	November	16 317 000	0	0	346,000	0	24 499 000	41 162 000
	December	13,577,000	0	0	218,000	0	22,143,000	35,938,000
2003	TOTALS	220,172,000	0	0	72,661,000	0	309,014,000	601,847,000
Year	Month	Well No. 1	Well No. 2	Well No. 3	Well No. 4	Well No. 5	Well No. 6	TOTALS
2004	January	12,604,000	0	0	455,000	0	21,779,000	34,838,000
	February	12,846,000	0	0	142,000	0	20,128,000	33,116,000
	March	15,340,000	0	0	298,000	0	26,932,000	42,570,000
	April	17,998,000	0	0	326,000	0	30,826,000	49,150,000
	May	20,639,000	0	0	201,000	0	38,442,000	59,282,000
	June	22,617,000	0	0	262,000	0	40,892,000	63,771,000
	July	26,204,000	0	0	663,000	0	43,557,000	70,424,000
	August	24,418,000	0	0	251,000	0	46,149,000	70,818,000
	September	21,074,000	0	0	252,000	0	42,209,000	63,535,000
	October	21,901,000	0	0	645,000	0	24,173,000	46,719,000
	November December	14,271,000 14,706,000	0	0		0	7,069,000 2,818,000	21,340,000 17,524,000
2004	TOTALS	224,618,000	0	0	3,495,000	0	344,974,000	573,087,000

Year	Month	Well No. 1	Well No. 3	Well No. 4	Well No. 5	Well No. 6	Well No. 7	TOTALS
2005	January February March April May June July August September October November December	19,370,000 13,278,000 15,054,000 13,890,000 14,739,000 32,916,000 39,359,000 35,572,000 13,588,000 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	8,419,000 10,608,000 11,631,000 13,653,000 17,050,000 34,180,000 28,886,000 16,898,000 15,276,000 15,276,000 12,183,000 21,990,000 21,541,000	7,821,000 22,861,000 22,861,000 35,044,000 44,851,000 44,402,000	27,789,000 23,886,000 26,685,000 27,543,000 31,789,000 67,096,000 76,066,000 75,331,000 51,725,000 47,227,000 66,841,000 65,943,000
2005	TOTALS	197,766,000	0	0	0	212,315,000	177,840,000	587,921,000

Year	Month	Well No. 1	Well No. 3	Well No. 4	Well No. 5	Well No. 6	Well No. 7	TOTALS
2006	January February March April May June July August September October November December	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	16,437,000 15,131,000 17,821,000 16,320,000 24,419,000 24,088,000 21,003,000 22,292,000 23,241,000 21,536,000 21,206,000 18,924,000	18,631,000 18,405,000 19,282,000 25,683,000 46,397,000 53,819,000 51,732,000 38,821,000 26,623,000 22,785,000 22,006,000	35,068,000 33,536,000 35,997,000 35,602,000 50,102,000 70,485,000 74,822,000 74,024,000 62,062,000 48,159,000 43,991,000
2006	TOTALS	0	0	0	0	242,418,000	362,360,000	604,778,000

Year	Month	Well No. 1	Well No. 3	Well No. 4	Well No. 5	Well No. 6	Well No. 7	TOTALS
2007	January February March April May June July August September October November December	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 15,758,000 12,392,000 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	19,696,000 13,697,000 21,153,000 24,057,000 24,218,000 24,060,000 16,814,000 22,141,000 17,665,000 10,478,000 19,602,000 8,736,000	21,584,000 13,840,000 23,329,000 25,612,000 26,032,000 41,180,000 54,694,000 36,647,000 33,512,000 31,610,000 25,252,000 19,964,000	41,280,000 27,537,000 44,482,000 49,669,000 50,250,000 65,240,000 71,508,000 74,546,000 63,569,000 42,088,000 44,854,000 28,700,000
2007	TOTALS	0	0	28,150,000	0	222,317,000	353,256,000	603,723,000

Year	Month	Well No. 1	Well No. 3	Well No. 4	Well No. 5	Well No. 6	Well No. 7	TOTALS
2008	January February March April May June July August September October	4,609,000 4,147,000 10,450,000 41,631,000 33,061,000 33,049,000 12,719,000 21,416,000 17,001,000 3,608,000		0 0 0 13,987,000 28,723,000 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0	11,922,000 10,866,000 14,398,000 15,255,000 19,694,000 16,481,000 29,729,000 19,695,000 17,348,000 16,676,000	19,095,000 16,631,000 21,199,000 881,000 0 9,065,000 32,376,000 25,917,000 18,922,000	35,626,000 31,644,000 46,047,000 57,767,000 52,755,000 63,517,000 80,236,000 73,487,000 60,266,000 39,206,000
	November December	14,294,000 1,838,000	0	0	0	10,854,000 18,112,000	19,696,000 18,567,000	44,844,000 38,517,000
2008	TOTALS	197,823,000	0	42,710,000	0	201,030,000	182,349,000	623,912,000

Year	Month	Well No. 1	Well No. 3	Well No. 4	Well No. 5	Well No. 6	Well No. 7	TOTALS
2009	January February March April May June July August September October November December	4,489,000 13,919,000 16,556,000 18,493,000 21,547,000 26,813,000 23,971,000 25,543,000 20,827,000 23,618,000 5,288,000 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	14,578,000 4,738,000 4,491,000 3,609,000 7,738,000 11,295,000 14,008,000 11,442,000 8,789,000 6,201,000 8,389,000	17,703,000 16,536,000 20,708,000 20,147,000 24,670,000 23,626,000 36,197,000 28,531,000 32,603,000 20,564,000 29,641,000 26,463,000	36,770,000 35,193,000 41,755,000 42,249,000 53,955,000 61,734,000 74,176,000 65,516,000 62,219,000 44,182,000 41,130,000 34,852,000
2009	TOTALS	201,064,000	0	0	0	95,278,000	297,389,000	593,731,000

Year	Month	Well No. 1	Well No. 3	Well No. 4	Well No. 5	Well No. 6	Well No. 7	TOTALS
2010	January February March April May June July August September October November December	0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10,490,000 18,266,000 5,456,000 5,429,000 16,277,000 17,635,000 10,357,000 12,224,000 18,918,000 22,780,000 17,719,000 16,052,000	21,160,000 11,913,000 30,477,000 29,521,000 25,088,000 40,458,000 57,536,000 52,052,000 25,325,000 23,377,000 18,897,000 18,111,000	31,650,000 30,179,000 35,933,000 34,950,000 41,365,000 58,093,000 67,893,000 64,276,000 44,243,000 46,157,000 36,616,000 34,163,000
2010	TOTALS	0	0	0	0	171,603,000	353,915,000	525,518,000

Year	Month	Well No. 1	Well No. 3	Well No. 4	Well No. 5	Well No. 6	Well No. 7	TOTALS
2011	January		0	0	0	13,723,000	18,862,000	32,585,000
	February		0	0	0	14,459,000	14,888,000	29,347,000
	March		0	0	0	18,612,000	18,666,000	37,278,000
	April		0	0	0	20,318,000	21,880,000	42,198,000
	May		0	0	0	20,226,000	26,732,000	46,958,000
	June		0	0	0	21,729,000	33,849,000	55,578,000
	July		0	0	0	16,340,000	44,626,000	60,966,000
	August		0	0	0	20,854,000	41,731,000	62,585,000
	September		0	0	0	27,157,000	30,639,000	57,796,000
	October		0	0	0	24,000,000	22,349,000	46,349,000
	November		0	0	0	19,729,000	19,701,000	39,430,000
	December	0	0	0	0	20,537,000	17,109,000	37,646,000
2011	TOTALS	0	0	0	0	237,684,000	311,032,000	548,716,000

Year	Month	Well No. 1	Well No. 3	Well No. 4	Well No. 5	Well No. 6	Well No. 7	TOTALS
2012	January		0	0	0	19,366,000	17,891,000	37,257,000
	February March		0	0	0	15,516,000	16,227,000	31,743,000
	April		0	0	0	20,949,000	21,638,000	42,587,000
	May		0	0	0	25,011,000	23,709,000	48,720,000
	June		0	0	0	34,124,000	22,158,000	56,282,000
	July		0	0	0	22,280,000	37,728,000	60,008,000
	August		0	0	0	18,995,000	43,559,000	62,554,000
	September		0	0	0	21,951,000	30,412,000	52,363,000
	October		0	0	0	23,985,000	26,609,000	50,594,000
	November		0	0	0	17,926,000	19,241,000	37,167,000
	December	0	0	0	0	17,682,000	18,467,000	36,149,000
2012	TOTALS	0	0	0	0	256,946,000	297,614,000	554,560,000

Year	Month	Well No. 1	Well No. 3	Well No. 4	Well No. 5	Well No. 6	Well No. 7	Well No. 8	TOTALS
2013	January February March April May June July August September October November December	0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	11,605,000 5,695,000 2,867,000 18,898,000 27,628,000 372,000 1,269,000 3,344,000 1,636,000 5,703,000 3,311,000 1,612,000	17,545,000 7,540,000 27,894,000 27,111,000 23,770,000 52,218,000 61,853,000 47,691,000 40,241,000 25,227,000 22,367,000 24,287,000	6,194,000 6,864,000 8,090,000 OFF 300,000 6,809,000 7,492,000 14,717,000 12,440,000 17,177,000 10,458,000 10,579,000	35,344,000 20,099,000 38,851,000 46,009,000 51,698,000 59,399,000 70,614,000 65,752,000 54,317,000 48,107,000 36,136,000 36,478,000
2013	TOTALS	0	0	0	0	83,940,000	377,744,000	101,120,000	562,804,000

Year	Month	Well No. 1	Well No. 3	Well No. 4	Well No. 5	Well No. 6	Well No. 7	Well No. 8	TOTALS
2014	January February March		0 0 0	0 0 0	0 0 0	795,000 3,495,000 2,786,000	25,460,000 13,654,000 24,777,000	10,896,000 7,348,000 12,084,000	37,151,000 24,497,000 39,647,000
	April		0	0	0	1,987,000	30,701,000	10,897,000	43,585,000
	May June		0	0	0	2,877,000	46,551,000	15,316,000	47,419,000 63,380,000
	July		0	0	0	2,716,000	47,414,000	14,929,000	65,059,000
	September		0	0	0	521,000	37,778,000	11,226,000	49,525,000
	October		0	0	0	225,000	37,523,000	10,201,000	47,949,000
	November		0	0	0	25,000	18,588,000	16,900,000	35,513,000
	December	0	0	0	0	4,193,000	13,896,000	1,416,000	19,505,000
2014	TOTALS	0	0	0	0	22,434,000	380,270,000	131,529,000	534,233,000

Year	Month	Well No. 1	Well No. 3	Well No. 4	Well No. 5	Well No. 6	Well No. 7	Well No. 8	TOTALS
2015	January February March April May		0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	9,005,000 7,336,000 8,448,000 4,014,000 2,386,000	12,880,000 12,787,000 18,354,000 18,145,000 19,161,000	9,049,000 5,413,000 12,915,000 18,188,000 16,427,000	30,934,000 25,536,000 39,717,000 40,347,000 37,974,000
	June July August September October November December	0	0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 0	3,883,000 6,334,000 9,663,000 12,668,000 14,564,000 15,085,000 15,164,000	40.684,000 37,682,000 24,562,000 14,530,000 7,893,000 7,733,000 7,430,000	7,988,000 12,644,000 22,697,000 18,034,000 22,024,000 11,047,000 8,916,000	52,555,000 56,660,000 56,922,000 45,232,000 44,481,000 33,865,000 31,510,000
2015	TOTALS	0	0	0	0	108,550,000	221,841,000	165,342,000	495,733,000

Year	Month	Well No. 1	Well No. 3	Well No. 4	Well No. 5	Well No. 6	Well No. 7	Well No. 8	TOTALS
2016	January February March April May		0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	10,975,000 12,905,000 5,978,000 11,700,000 15,154,000	8,892,000 4,900,000 0 0	4,559,000 6,325,000 15,704,000 21,595,000 24,421,000	24,426,000 24,130,000 21,682,000 33,295,000 39,575,000
	June		0	0	0	18,487,000	13,856,000	32,062,000	64,405,000
	July		0	0	0	7,865,000	41,169,000	7,218,000	56,252,000
	August		0	0	0	8,187,000	39,031,000	6,869,000	54,087,000
	September		0	0	0	14,828,000	30,150,000	2,675,000	47,653,000
	October		0	0	0	25,732,000	19,291,000	2,272,000	47,295,000
	November		0	0	0	20,098,000	10,330,000	4,039,000	34,467,000
	December	0	0	0	0	19,512,000	8,329,000	3,868,000	31,709,000
2016	TOTALS	0	0	0	0	171,421,000	175,948,000	131,607,000	478,976,000

Year	Month	Well No. 1	Well No. 3	Well No. 4	Well No. 5	Well No. 6	Well No. 7	Well No. 8	TOTALS
2017	January		0	0	0	13,568,000	10,677,000	4,155,000	28,400,000
	February		0	0	0	11,960,000	8,166,000	4,361,000	24,487,000
	March		0	0	0	15,119,000	14,778,000	5,686,000	35,583,000
	April		0	0	0	13,400,000	17,617,000	6,040,000	37,057,000
	May		0	0	0	1,520,000	41,818,000	7,967,000	51,305,000
	June		0	0	0	3,439,000	48,613,000	2,207,000	54,259,000
	July		0	0	0	10,042,000	35,152,000	5,433,000	50,627,000
	August		0	0	0	17,455,000	24,236,000	15,787,000	57,478,000
	September		0	0	0	17,083,000	23,431,000	13,790,000	54,304,000
	October		0	0	0	16,787,000	14,503,000	15,213,000	46,503,000
	November		0	0	0	15,454,000	8,788,000	12,119,000	36,361,000
	December	0	0	0	0	10,554,000	12,062,000	11,899,000	34,515,000
2017	TOTALS	0	0	0	0	146,381,000	259,841,000	104,657,000	510,879,000

Year	Month	Well No. 1	Well No. 3	Well No. 4	Well No. 5	Well No. 6	Well No. 7	Well No. 8	TOTALS
2018	January February March April May June July August September October November December	0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10,630,000 10,640,000 14,359,000 15,892,000 8,750,000 6,079,000 5,585,000 8,368,000 10,633,000 6,675,000 2,051,000 178,000	9,161,000 10,724,000 8,674,000 10,123,000 13,097,000 24,242,000 39,327,000 34,550,000 29,495,000 15,805,000 9,841,000 4,561,000	10,726,000 11,436,000 11,768,000 14,652,000 12,778,000 22,985,000 12,819,000 14,416,000 9,467,000 22,273,000 26,500,000 27,472,000	30,517,000 32,800,000 34,801,000 40,667,000 34,625,000 53,306,000 57,731,000 57,731,000 57,734,000 49,595,000 44,753,000 38,392,000 32,211,000
2018	TOTALS	0	0	0	0	99,840,000	209,600,000	197,292,000	506,732,000

2019	January		0	0	0	6,712,000	10,042,000	14,894,000	31,648,000
	February		0	0	0	8,567,000	10,489,000	3,248,000	22,304,000
	March		0	0	0	1,169,000	22,939,000	8,375,000	32,483,000
	April		0	0	0	1,091,000	29,768,000	8,917,000	39,776,000
	May		0	0	0	2,145,000	29,870,000	10,799,000	42,814,000
	June		0	0	0	10,364,000	32,201,000	8,364,000	50,929,000
	July		0	0	0	6,159,000	37,144,000	16,369,000	59,672,000
	August		0	0	0	9,098,000	22,064,000	27,145,000	58,307,000
	September		0	0	0	6,104,000	26,999,000	14,667,000	47,770,000
	October		0	0	0	11,121,000	24,389,000	4,940,000	40,450,000
	November		0	0	0	25,464,000	23,128,000	5,512,000	54,104,000
	December	0	0	0	0	29,635,000	3,620,000	2,900,000	36,155,000
2019	TOTALS	0	0	0	0	117,629,000	272,653,000	126,130,000	516,412,000

Year	Month	Well No. 1	Well No. 3	Well No. 4	Well No. 5	Well No. 6	Well No. 7	Well No. 8	TOTALS
2020	January		0	0	0	24,742,000	5,124,000	1,978,000	31,844,000
	February		0	0	0	16,096,000	15,449,000	4,134,000	35,679,000
	March		0	0	0	7,004,000	19,636,000	6,237,000	32,877,000
	April		0	0	0	26,112,000	4,053,000	3,109,000	33,274,000
	May		0	0	0	30,289,000	10,425,000	5,446,000	46,160,000
	June		0	0	0	21,373,000	16,946,000	7,901,000	46,220,000
	July		0	0	0	9,639,000	9,021,000	45,264,000	63,924,000
	August		0	0	0	5,988,000	22,162,000	41,471,000	69,621,000
	September		0	0	0	12,352,000	6,151,000	36,788,000	55,291,000
	October		0	0	0	29,562,000	3,709,000	9,304,000	42,575,000
	November		0	0	0	19,182,000	2,296,000	21,050,000	42,528,000
	December	0	0	0	0	10,759,000	6,391,000	18,695,000	35,845,000
2020	TOTALS	0	0	0	0	213,098,000	121,363,000	201,377,000	535,838,000

Year	Month	Well No. 1	Well No. 3	Well No. 4	Well No. 5	Well No. 6	Well No. 7	Well No. 8	TOTALS
2021	January February March April May June July August September October November December	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	13,908,000 28,514,000 11,532,000 19,123,000 23,747,000 12,167,000 18,385,000 15,287,000 16,617,000 14,985,000 10,764,000 23,553,000	10,144,000 4,792,000 12,517,000 10,162,000 15,694,000 22,043,000 25,406,000 12,846,000 4,086,000 7,707,000 19,615,000 7,244,000	11,818,000 2,548,000 11,097,000 9,512,000 14,933,000 22,152,000 13,389,000 15,187,000 9,053,000 4,203,000 4,809,000 10,429,000	35,870,000 35,854,000 35,146,000 38,797,000 54,374,000 56,362,000 57,180,000 43,320,000 29,756,000 26,895,000 35,188,000 41,226,000
2021	TOTALS	0	0	0	0	208,582,000	152,256,000	129,130,000	489,968,000

2022	Ianuary	0	0	0	0	26 964 000	9 869 000	6 510 000	43 343 000
2022	February	0	0	0	0	19 014 000	15.067.000	5 982 000	40.063.000
	Moroh	0	0	0	0	16 085 000	22 742 000	7 204 000	46,005,000
	Iviarcii	0	V	U	0	10,085,000	22,745,000	7,294,000	40,122,000
	April	0	0	0	0	12,008,000	13,726,000	13,477,000	39,211,000
	May	0	0	0	0	18,787,000	19,617,000	14,944,000	53,348,000
	June	0	0	0	0	22,569,000	18,836,000	13,794,000	55,199,000
	July	0	0	0	0	14,313,000	18,440,000	18,663,000	51,416,000
	August	0	0	0	0	15,454,000	24,291,000	5,683,000	45,428,000
	September	0	0	0	0	13,085,000	14,189,000	18,049,000	45,323,000
	October	0	0	0	0	19,808,000	7,705,000	10,872,000	38,385,000
	November	0	0	0	0	7,809,000	8,537,000	10,160,000	26,506,000
	December	0	0	0	0	30,573,000	11,271,000	3,853,000	45,697,000
2022	TOTALS	0	0	0	0	216,469,000	184,291,000	129,281,000	530,041,000

Year	Month	Well No. 1	Well No. 3	Well No. 4	Well No. 5	Well No. 6	Well No. 7	Well No. 8	TOTALS
	_				_				
2023	January	0	0	0	0	29,877,000	11,601,000	10,232,000	51,710,000
	February	0	0	0	0	32,032,000	7,692,000	10,179,000	49,903,000
	March	0	0	0	0	56,828,000	8,019,000	10,076,000	74,923,000
	April	0	0	0	0	38,270,000	11,268,000	12,873,000	62,411,000
	May	0	0	0	0	53,072,000	18,067,000	24,900,000	96,039,000
	June	0	0	0	0	1,572,000	19,508,000	28,097,000	49,177,000
	July	0	0	0	0	622,000	16,503,000	28,156,000	45,281,000
	August	0	0	0	0	293,000	21,488,000	26,036,000	47,817,000
	September	0	0	0	0	7,058,000	21,668,000	16,459,000	45,185,000
	October	0	0	0	0	32,231,000	3,614,000	15,425,000	51,270,000
	November	0	0	0	0	7,477,000	11,665,000	20,553,000	39,695,000
	December	0	0	0	0	20,059,000	16,248,000	8,865,000	45,172,000
2023	TOTALS	0	0	0	0	279,391,000	167,341,000	211,851,000	658,583,000

Year	Month	Well No. 1	Well No. 3	Well No. 4	Well No. 5	Well No. 6	Well No. 7	Well No. 8	TOTALS
2024	January February	0	0	0	0	0	0	0	0
	March	0	0	0	0	0	0	0	0
	April	0	0	0	0	0	0	0	0
	May	0	0	0	0	0	0	0	0
	June	0	0	0	0	0	0	0	0
	July	0	0	0	0	0	0	0	0
	August	0	0	0	0	0	0	0	0
	September	0	0	0	0	0	0	0	0
	October	0	0	0	0	0	0	0	0
	November	0	0	0	0	0	0	0	0
	December	0	0	0	0	0	0	0	0
2024	TOTALS	0	0	0	0	0	0	0	0

APPENDIX D

2022 Consumer Confidence Report

2022 Consumer Confidence Report

Water System Information

Water System Name: [Malaga County Water District]

Report Date: [7/1/2023]

Type of Water Source(s) in Use: Ground Water

Name and General Location of Source(s): Well #6, Well #7, Well #8. Specific locations can be obtained from the

District

Drinking Water Source Assessment Information: The District performed a drinking water assessment in conformance with State guidelines and submitted to the SWRCB, Division of Drinking Water on March 2013. The water sources are vulnerable to contamination based on the assessment; additional monitoring has been initiated accordingly. A source water assessment for Well #8 was conducted by the State. A copy of the assessment may be viewed at the Malaga County Water District.

Time and Place of Regularly Scheduled Board Meetings for Public Participation: Second and Fourth

Tuesday of each month, at 7:00 pm. The Board Meetings take place at the District office located at

3580 S. Frank St., Fresno, CA 93725

For More Information, Contact: Moises Ortiz (559)-473-9062

About This Report

We test the drinking water quality for many constituents as required by state and federal regulations. This report shows the results of our monitoring for the period of January 1 to December 31, 2022 and may include earlier monitoring data.

Importance of This Report Statement in Five Non-English Languages (Spanish, Mandarin, Tagalog, Vietnamese, and Hmong)

Language in Spanish: Este informe contiene información muy importante sobre su agua para beber. Favor de comunicarse [Enter Water System's Name] a [Enter Water System's Address or Phone Number] para asistirlo en español.

Language in Mandarin: 这份报告含有关于您的饮用水的重要讯息。请用以下地址和电话联系 [Enter Water System Name]以获得中文的帮助: [Enter Water System's Address][Enter Water System's Phone Number].

Language in Tagalog: Ang pag-uulat na ito ay naglalaman ng mahalagang impormasyon tungkol sa inyong inuming tubig. Mangyaring makipag-ugnayan sa [Enter Water System's Name and Address] o tumawag sa [Enter Water System's Phone Number] para matulungan sa wikang Tagalog.

SWS CCR

Language in Vietnamese: Báo cáo này chứa thông tin quan trọng về nước uống của bạn. Xin vui lòng liên hệ [Enter Water System's Name] tại [Enter Water System's Address or Phone Number] để được hỗ trợ giúp bằng tiếng Việt.

Language in Hmong: Tsab ntawv no muaj cov ntsiab lus tseem ceeb txog koj cov dej haus. Thov hu rau [Enter Water System's Name] ntawm [Enter Water System's Address or Phone Number] rau kev pab hauv lus Askiv.

Term	Definition
Level 1 Assessment	A Level 1 assessment is a study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system.
Level 2 Assessment	A Level 2 assessment is a very detailed study of the water system to identify potential problems and determine (if possible) why an <i>E. coli</i> MCL violation has occurred and/or why total coliform bacteria have been found in our water system on multiple occasions.
Maximum Contaminant Level (MCL)	The highest level of a contaminant that is allowed in drinking water. Primary MCLs are set as close to the PHGs (or MCLGs) as is economically and technologically feasible. Secondary MCLs are set to protect the odor, taste, and appearance of drinking water.
Maximum Contaminant Level Goal (MCLG)	The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are set by the U.S. Environmental Protection Agency (U.S. EPA).
Maximum Residual Disinfectant Level (MRDL)	The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.
Maximum Residual Disinfectant Level Goal (MRDLG)	The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.
Primary Drinking Water Standards (PDWS)	MCLs and MRDLs for contaminants that affect health along with their monitoring and reporting requirements, and water treatment requirements.
Public Health Goal (PHG)	The level of a contaminant in drinking water below which there is no known or expected risk to health. PHGs are set by the California Environmental Protection Agency.
Regulatory Action Level (AL)	The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.
Secondary Drinking Water Standards (SDWS)	MCLs for contaminants that affect taste, odor, or appearance of the drinking water. Contaminants with SDWSs do not affect the health at the MCL levels.
Treatment Technique (TT)	A required process intended to reduce the level of a contaminant in drinking water.
Variances and Exemptions	Permissions from the State Water Resources Control Board (State Board) to exceed an MCL or not comply with a treatment technique under certain conditions.

Terms Used in This Report

Term	Definition
ND	Not detectable at testing limit.
ppm	parts per million or milligrams per liter (mg/L)
ррb	parts per billion or micrograms per liter (µg/L)
ppt	parts per trillion or nanograms per liter (ng/L)
ррд	parts per quadrillion or picogram per liter (pg/L)
pCi/L	picocuries per liter (a measure of radiation)

Sources of Drinking Water and Contaminants that May Be Present in Source Water

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Contaminants that may be present in source water include:

- Microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- Inorganic contaminants, such as salts and metals, that can be naturally-occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- Pesticides and herbicides, that may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses.
- Organic chemical contaminants, including synthetic and volatile organic chemicals, that are byproducts of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, agricultural application, and septic systems.
- Radioactive contaminants, that can be naturally-occurring or be the result of oil and gas production and mining activities.

Regulation of Drinking Water and Bottled Water Quality

In order to ensure that tap water is safe to drink, the U.S. EPA and the State Board prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. The U.S. Food and Drug Administration regulations and California law also establish limits for contaminants in bottled water that provide the same protection for public health.

About Your Drinking Water Quality

Drinking Water Contaminants Detected

SWS CCR

Tables 1, 2, 3, 4, 5, 6, and 8 list all of the drinking water contaminants that were detected during the most recent sampling for the constituent. The presence of these contaminants in the water does not necessarily indicate that the water poses a health risk. The State Board allows us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of the data, though representative of the water quality, are more than one year old. Any violation of an AL, MCL, MRDL, or TT is asterisked. Additional information regarding the violation is provided later in this report.

Table 1. Sampling Results Showing the Detection of Coliform Bacteria

Complete if bacteria are detected.

Microbiological Contaminants	Highest No. of Detections	No. of Months in Violation	MCL	MCLG	Typical Source of Bacteria
E. coli	(In the year 2022) 0	0	(a)	0	Human and animal fecal waste

(a) Routine and repeat samples are total coliform-positive and either is *E. coli*-positive or system fails to take repeat samples following *E. coli*-positive routine sample or system fails to analyze total coliform-positive repeat sample for *E. coli*.

Table 2. Sampling Results Showing the Detection of Lead and Copper

Complete if lead or copper is detected in the last sample set.

Lead and Copper	Sample Date	No. of Samples Collected	90 th Percentile Level Detected	No. Sites Exceeding AL	AL	РНС	Typical Source of Contaminant
Lead (ppb)	09/01/2022	10	ND	NONE	15	0.2	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers; erosion of natural deposits
Copper (ppm)	09/01/2022	10	[Enter No.]	0.036	1.3	0.3	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives

Table 3. Sampling Results for Sodium and Hardness

Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	MCL	PHG (MCLG)	Typical Source of Contaminant
Sodium (ppm)	5/11/2021	39	[Enter Range]	None	None	Salt present in the water and is generally naturally occurring
Hardness (ppm)	5/11/2021	70	[Enter Range]	None	None	Sum of polyvalent cations present in the water, generally magnesium and calcium, and are usually naturally occurring

Table 4. Detection of Contaminants with a Primary Drinking Water Standard

Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	MCL [MRDL]	PHG (MCLG) [MRDLG]	Typical Source of Contaminant
Arsenic (microgm/l)	8/16/2021	2.7	1.6-4	10	0.004	Erosion of natural deposits; runoff from orchards; glass and electronics production wastes
Barium (ppm)	8/16/2021	39	36-39	7	2	Discharge of oil drilling wastes and from metal
Chromium (total) (micromg/l	8/16/2021	4.2	3.4-4.6	50	100	Discharge from steel and pulp mills and chrome plating; erosion of natural deposits
Nitrate (ppm as N)	12/6/2022	4	2.6-5.6	50	100	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Bibromochloroprop a ne (DBCP) (ng/l)	8/16/2021	61	0-61	200	1.7	Banned nematocide that may still be present in soils due to runoff/leaching from former use on soybeans, cotton, vineyards, tomatoes, and tree fruit

Perchlorate	12/21/2021	<4	<4	6	1	Perchlorate is an inorganic chemical used in solid rocket propellant, fireworks, explosives, flares, matches, and a variety of industries. It usually gets into drinking water as a result of environmental contamination from historic aerospace or other industrial operations that used or use, store, or dispose of perchlorate and its
Flouride (F) Temp Depend (mg/l)	8/16/2021	.12	.1014	4	2	salts Erosion of natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories
Gross Alpha	8/16/2021	5.02	1.4-15	15		Radioactive element in natural rock

Table 5. Detection of Contaminants with a Secondary Drinking Water Standard

Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	SMCL	PHG (MCLG)	Typical Source of Contaminant
Chloride (ppm)	5/11/2021	10.4	6.7-15	500	N/a	Runoff/leaching from natural deposits; seawater influence
Iron (microgm/l)	5/11/2021	0	51-330	300	n/a	Leaching from natural deposits; industrial wastes
Specific Conductance (ds/cm	12/6/2021	323.3	270-410	1600	n/a	Substances that form ions when in water; seawater influence
Oder	8/02/2022	1	1	3	n/a	Naturally-occurring organic materials
Turbidity	8/02/2022	.1	.13	5	n/a	Soil runoff
Zinc	8/02/2022	.005	.0050014	5	n/a	Runoff/leaching from natural deposits; industrial wastes

FOAMING AGENTS (SURFACTANT	8/02/2022	ND	ND	.05	.5	
COLOR	8/02/2022	ND	ND	1	15	

Table 6. Detection of Unregulated Contaminants

Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	Notification Level	Health Effects

Additional General Information on Drinking Water

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the U.S. EPA's Safe Drinking Water Hotline (1-800-426-4791).

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. U.S. EPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791).

Lead-Specific Language: If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. [Enter Water System's Name] is responsible for providing high quality drinking water but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. [Optional: If you do so, you may wish to collect the flushed water and reuse it for another beneficial purpose, such as watering plants.] If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline (1-800-426-4791) or at http://www.epa.gov/lead.

Additional Special Language for Nitrate, Arsenic, Lead, Radon, and *Cryptosporidium*: [Enter Additional Information Described in Instructions for SWS CCR Document]

State Revised Total Coliform Rule (RTCR): [Enter Additional Information Described in Instructions for SWS CCR Document]

Summary Information for Violation of a MCL, MRDL, AL, TT, or Monitoring and Reporting Requirement

Table 7. Violation of a MCL, MRDL, AL, TT or Monitoring Reporting Requirement

Violation	Explanation	Duration	Actions Taken to Correct Violation	Health Effects Language
[Enter Violation Type]	[Enter Violation Explanation]	[Enter Duration]	[Enter Actions Taken]	[Enter Language]
[Enter Violation Type]	[Enter Violation Explanation]	[Enter Duration]	Enter Actions Taken]	[Enter Language]

For Water Systems Providing Groundwater as a Source of Drinking Water

Table 8. Sampling Results Showing Fecal Indicator-Positive Groundwater Source Samples

Microbiological Contaminants (complete if fecal- indicator detected)	Total No. of Detections	Sample Dates	MCL [MRDL]	PHG (MCLG) [MRDLG]	Typical Source of Contaminant
E. coli	0		0	(0)	Human and animal fecal waste
Enterococci	0		TT	N/A	Human and animal fecal waste
Coliphage	0		TT	N/A	Human and animal fecal waste

Summary Information for Fecal Indicator-Positive Groundwater Source Samples, Uncorrected Significant Deficiencies, or Violation of a Groundwater TT

Special Notice of Fecal Indicator-Positive Groundwater Source Sample: [Enter Special Notice of Fecal Indicator-Positive Groundwater Source Sample]

Special Notice for Uncorrected Significant Deficiencies: [Enter Special Notice for Uncorrected Significant Deficiencies]

Table 9. Violation of Groundwater TT

Violation	Explanation	Duration	Actions Taken to Correct Violation	Health Effects Language

For Systems Providing Surface Water as a Source of Drinking Water

Table 10. Sampling Results Showing Treatment of Surface Water Sources

Treatment Technique ^(a) (Type of approved filtration technology used)	[Enter Treatment Technique]
Turbidity Performance Standards ^(b) (that must be met through the water treatment process)	 Turbidity of the filtered water must: 1 – Be less than or equal to [Enter Turbidity Performance Standard to Be Less Than or Equal to 95% of Measurements in a Month] NTU in 95% of measurements in a month. 2 – Not exceed [Enter Turbidity Performance Standard Not to Be Exceeded for More Than Eight Consecutive Hours] NTU for more than eight consecutive hours. 3 – Not exceed [Enter Turbidity Performance Standard Not to
Lowest monthly percentage of samples that met Turbidity Performance Standard No. 1.	De Exceeded at Any Timej NTO at any time.
Highest single turbidity measurement during the year	
Number of violations of any surface water treatment requirements	

(a) A required process intended to reduce the level of a contaminant in drinking water.

(b) Turbidity (measured in NTU) is a measurement of the cloudiness of water and is a good indicator of water quality and filtration performance. Turbidity results which meet performance standards are considered to be in compliance with filtration requirements.

Summary Information for Violation of a Surface Water TT

Table 11. Violation of Surface Water TT

Violation	Explanation	Duration	Actions Taken to Correct Violation	Health Effects Language

Summary Information for Operating Under a Variance or Exemption

[Enter Additional Information Described in Instructions for SWS CCR Document]

Summary Information for Revised Total Coliform Rule Level 1 and Level 2 Assessment Requirements

If a water system is required to comply with a Level 1 or Level 2 assessment requirement that is not due to an *E. coli* MCL violation, include the following information below [22 CCR section 64481(n)(1)].

Level 1 or Level 2 Assessment Requirement not Due to an *E. coli* MCL Violation

Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially harmful, waterborne pathogens may be present or that a potential pathway exists through which contamination may enter the drinking water distribution system. We found coliforms indicating the need to look for potential problems in water treatment or distribution. When this occurs, we are required to conduct assessment(s) to identify problems and to correct any problems that were found during these assessments.

The water system shall include the following statements, as appropriate:

During the past year we were required to conduct [Insert Number of Level 1 Assessments] Level 1 assessment(s). [Insert Number of Level 1 Assessments] Level 1 assessment(s) were completed. In addition, we were required to take [Insert Number of Corrective Actions] corrective actions and we completed [Insert Number of Corrective Actions] of these actions.

During the past year [Insert Number of Level 2 Assessment] Level 2 assessments were required to be completed for our water system. [Insert Number of Level 2 Assessments] Level 2 assessments were completed. In addition, we were required to take [Insert Number of Corrective Actions] corrective actions and we completed [Insert Number of Corrective Actions] of these actions.

If the water system failed to complete all the required assessments or correct all identified sanitary defects, the water system is in violation of the treatment technique requirement and shall include the following statements, as appropriate:

During the past year we failed to conduct all of the required assessment(s).

During the past we failed to correct all identified defects that were found during the assessment.

[For Violation of the Total Coliform Bacteria TT Requirement, Enter Additional Information Described in Instructions for SWS CCR Document]

If a water system is required to comply with a Level 2 assessment requirement that is due to an *E. coli* MCL violation, include the information below [22 CCR section 64481(n)(2)].

Level 2 Assessment Requirement Due to an E. coli MCL Violation

E. coli are bacteria whose presence indicates that the water may be contaminated with human or animal wastes. Human pathogens in these wastes can cause short-term effects, such as diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a greater health risk for infants, young children, the elderly, and people with severely compromised immune systems. We found *E. coli* bacteria, indicating the need to look for potential problems in water treatment or distribution. When this occurs, we are required to conduct assessment(s) identify problems and to correct any problems that were found during these assessments.

We were required to complete a Level 2 assessment because we found *E. coli* in our water system. In addition, we were required to take [Insert Number of Corrective Actions] corrective actions and we completed [Insert Number of Corrective Actions] of these actions. If a water system failed to complete the required assessment or correct all identified sanitary defects, the water system is in violation of the treatment technique requirement and shall include the following statements, as appropriate:

We failed to conduct the required assessment.

We failed to correct all sanitary defects that were identified during the assessment.

If a water system detects *E. coli* and has violated the *E. coli* MCL, include one or more the following statements to describe any noncompliance, as applicable:

We had an *E. coli*-positive repeat sample following a total coliform positive routine sample.

We had a total coliform-positive repeat sample following an *E. coli*-positive routine sample.

We failed to take all required repeat samples following an *E. coli*-positive routine sample.

We failed to test for *E. coli* when any repeat sample tests positive for total coliform.

[If a water system detects *E. coli* and has not violated the *E. coli* MCL, the water system may include a statement that explains that although they have detected *E. coli*, they are not in violation of the *E. coli* MCL.]

APPENDIX E Basin CF Intertie for Recharge



APPENDIX F Fresno Irrigation District Surface Water Supply Agreement

Surface Water Supply Agreement Between Fresno Irrigation District and Malaga County Water District

This AGREEMENT (Agreement) is made by and between Fresno Irrigation District, a California irrigation district ("District" or "FID") as water supplier; and Malaga County Water District, a special district in Fresno County (Malaga CWD), as water user, made and entered into this $\underline{//2}$ day of \underline{MAY} , 2023 (Effective Date).

RECITALS

A. WHEREAS, the District holds certain water rights and has developed water supplies and a water distribution system that conveys surface water from the Kings and San Joaquin rivers and other water sources to its customers within District boundaries, as depicted and described in **Exhibit A**, attached hereto, and elsewhere for surface water irrigation, municipal uses, and groundwater banking for the benefit of its customers, and other beneficial uses.

B. WHEREAS, Malaga CWD is located within the boundaries of the District and the North Kings Groundwater Sustainability Agency (NKGSA) and is the owner of a groundwater pumping and distribution system for the delivery of extracted groundwater to its customers within Malaga CWD's boundaries and sphere of influence (SOI), as depicted and described in **Exhibit B** attached hereto.

C. WHEREAS, the District and Malaga CWD agree that Malaga CWD shall acquire a contractual right to receive certain surface water(s) (Surface Water Supply) from the District as specifically authorized by, and entered into pursuant to, Chapter 9 [commencing with Section 26670(1.b.)], Part 10, Division 11 of the California Water Code and Section 56133 of the California Government Code, providing for contractual water delivery in lieu of District water deliveries to lands within Malaga CWD's *existing* boundaries and *existing* SOI, as depicted in **Exhibit B**.

D. WHEREAS, Malaga CWD and the NKGSA have determined that Malaga CWD is pumping groundwater at an unsustainable rate and must either stop pumping or find a supplemental source averaging 756 acre-feet annually to achieve groundwater sustainability.

E. WHEREAS, by the terms of this Agreement Malaga CWD intends to address its groundwater sustainability obligations by banking and recovering the Surface Water Supply for subsequent delivery and use on lands within Malaga CWD's *existing* boundaries and *existing* SOI, as depicted in **Exhibit B**.

F. WHEREAS, Malaga CWD, as the lead agency pursuant to the California Environmental Quality Act (CEQA), has reviewed the potential environmental impacts of the execution and implementation of this Agreement in accordance with the requirements of CEQA and, having concluded that it can be seen with certainty that there is no possibility that the execution and implementation of this Agreement may have a significant effect on the environment, has determined that this Agreement is exempt from CEQA pursuant to CEQA Guidelines Section 15061(b)(3). G. WHEREAS, the District accepted the Agency's CEQA exemption determination on <u>May 18</u>, 20<u>23</u>.

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NOW, THEREFORE, in consideration of the mutual covenants and conditions herein contained and for good and adequate consideration, the District and Malaga CWD (each a "Party" and collectively the "Parties") agree as follows:

AGREEMENT

1. **<u>Recitals</u>**. The Recitals stated above are true and a substantive part of this Agreement.

2. <u>Term: Termination: Early Termination</u>. This Agreement is effective as of the Effective Date listed above and will remain in effect until December 31, 2040, and will continue thereafter for additional terms of five (5) years each. When this Agreement becomes effective, it will replace and/or supersede any and all other water supply, water recharge, water conveyance, surface water conveyance, or similar agreement(s), if any, between the Parties. This Agreement may be terminated by either Party by giving written notice at least ninety (90) days prior to the expiration of the original term or any five (5)-year additional term.

3. <u>Purchases of Water from the District by Malaga CWD for Groundwater</u> Banking, Management, and Extraction

a. <u>Surface Water Supply to be delivered by the District to Malaga CWD</u>. The District will make available to Malaga CWD the Surface Water Supply, to consist of a multi-year average of 756 acre-feet annually. The Surface Water Supply to Malaga CWD will not be adjusted based on lands annexed into Malaga CWD over time nor will it be adjusted to reflect any changes in Malaga CWD or NKGSA's recommended, targeted, or required contribution to groundwater recharge. The Surface Water Supply shall be used on lands within Malaga CWD's boundaries and SOI as existing at the time this Agreement is executed by the Parties, as depicted in **Exhibit B**. If lands are annexed into the Malaga CWD and converted from agricultural to developed, those lands will be removed from the District's assessment rolls, but will remain within the District and Malaga CWD will be charged a contract rate for surface water rather than an assessed rate.

b. Surface Water Supply cost and payment timing.

i. The annual Malaga CWD Surface Water purchase amount payable to the District is computed by multiplying the District's then-established water service assessment rate for that year times 378 acres, based on the fact that FID delivers on average 2 acre-feet per acre per year, so the equivalent acreage for 756 acre-feet is 378 acres. For example, if the District's water service assessment rate is \$53.76 in 2023, Malaga CWD's cost for water that year would be \$20,321 [378 x \$53.76=\$20,321]. As the District's annual water service rate(s) increase, Malaga CWD's annual surface water payment obligation for the fixed acreage of 378 acres will be determined by multiplying this number of acres by the applicable District water service rate each year to determine the annual payment due to the District from Malaga CWD. Amounts payable to the District pursuant to this Agreement shall be paid by Malaga CWD at 60% of the total amount due on or before the 20th day of December preceding the Water Year for which such amounts are due, and the remaining 40% shall be paid on or before the 20th day of June during the current Water Year. Consistent with other municipal agreements and ratepayers, the total amount will be paid in full each year by Malaga CWD regardless of the amount of available supply or the amount actually delivered to or used by Malaga CWD.

ii. If any payment by Malaga CWD to the District under this Agreement is not made in full within thirty (30) days of its due date, or if Malaga CWD is otherwise in breach of any term, agreement, act, or condition to be performed by Malaga CWD hereunder, then the District may suspend all or any of the rights, deliveries, and permissions given to Malaga CWD hereunder until such payment is made or breach is corrected by Malaga CWD, including the withholding of Surface Water Supplies. Should the District be in breach in the performance of any term, agreement, act, or condition to be done or performed by the District, Malaga CWD may suspend all or any of its rights, duties, or obligations hereunder until such breach by the District is corrected.

c. Use of Surface Water Supply delivered to Malaga CWD by the District

i. The Surface Water Supply shall be diverted into Malaga CWD's groundwater basins for purposes of groundwater banking and recovery. Malaga CWD shall not sell, transfer, deliver, or exchange any of the Surface Water Supply without written consent of the District first had and obtained. Should Malaga CWD fail to use the Surface Water Supply for groundwater banking and subsequent use on lands within Malaga CWD's *existing* boundaries and *existing* SOI, as depicted in **Exhibit B**, or fail to comply with directives from the NKGSA regarding pumping rates and volumes, or maintenance of certain groundwater levels, the District in its sole and absolute discretion reserves the right to terminate the Agreement, by the written notice procecture described in Section 2 of this Agreement.

ii. At no time will the Surface Water Supply delivered to Malaga CWD by the District be directly treated and used by Malaga CWD for municipal, industrial, or residential uses (i.e. the Surface Water Supply must be banked and recovered prior to use). As an exception, if requested of the District by Malaga CWD, the District would permit Malaga CWD's pumping of some water directly out of recharge basin(s) for landscaping/irrigation uses by Malaga CWD, including the blending of such pumped basin water with treated (purple pipe) water, if any, for exclusive use within **Exhibit B** lands.

iii. Malaga CWD shall not market, transfer, sell or exchange any portion

of this supply.

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d. Water Delivery

i. The District shall use reasonable efforts to find and make available for delivery to Malaga CWD the total volume of the Surface Water Supply. The District shall deliver water to Malaga CWD at the points shown on **Exhibit B**, and any additional points upon mutual agreement. Water shall be delivered at such times and in amounts that are convenient for the District in its sole discretion. This may include, but is not limited to, during the District's scheduled irrigation water run or during flooding events.

ii. In the event the District determines, in its sole discretion, that delivery of all or any portion of the Surface Water Supply in any given year will interfere with District operations, obligations, or for reasons beyond District control would result in harm to the District or its facilities, the District shall have no obligation to deliver such water to Malaga CWD during that particular year or portion(s) thereof. Regardless, Malaga CWD shall pay the annual cost for such water in accordance with the provisions hereof.

iii. In the event the District makes available for diversion/delivery or offers to deliver all or any portion of the Surface Water Supply volume to Malaga CWD at times or in amounts that do not suit the convenience of Malaga CWD, or if Malaga CWD is otherwise unable or refuses to take all or any portion of the Surface Water Supply offered by the District at the times that the District offers it, the District shall have no obligation to deliver such water on behalf of Malaga CWD at any future date or time, and Malaga CWD's obligation to make its annual payment called for hereunder shall not be adjusted based on water actually delivered to or accepted by Malaga CWD. Surface Water Supply that is rejected by Malaga CWD and not diverted into Malaga CWD basins will neither be included in the reports of Annual target volumes diverted into Malaga CWD basins for recharge nor inure to the credit of Malaga CWD for its volumetric recharge mandate mutually agreed to by the NKGSA/Malaga CWD as the target recharge volume to achieve groundwater balance and sustainability for Malaga CWD, even though it will be fully paid for by Malaga CWD.

iv. Malaga CWD shall bear all conveyance losses, if any, incurred in the District water system downstream of the applicable point of delivery; provided, that no such losses shall be assessed against Malaga CWD when the District is simultaneously delivering water to its landowners or water users via the portions of the District water system used to convey the Surface Water Supply, if any, to the points on the District water system where Malaga CWD will assume physical control of the delivered water.

e. <u>Water Source and Quality</u>. The District may use any source of surface water, including surface water that was banked and recovered from the ground, for delivery of the Surface Water Supply. Malaga CWD acknowledges that the Surface Water Supply will be "raw," non-potable and untreated. The District is under no obligation to deliver a Surface Water Supply of a particular water quality, and Malaga CWD may not refuse to pay for the Surface Water Supply

or otherwise avoid the terms of this Agreement based on water quality issues associated with the Surface Water Supply.

4. Water Measurement & Basin Capacities.

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a. <u>Annual Groundwater Extraction Measured</u>. Malaga CWD will maintain well-calibrated meters to measure its groundwater extraction from wells located within the Kings Basin, and report the instantaneous flow and volume of water extracted by those wells to the NKGSA and the District.

b. <u>Measurement of Deliveries and Basin Capacity</u>. Malaga CWD's initial recharge basin(s) are set forth in **Exhibit C**, attached hereto and incorporated herein by reference. At its expense, Malaga CWD shall provide, install, and grant the District access to and maintain a flow meter or meters in accordance with District requirements for measurement and reporting of all surface water deliveries by the District to Malaga CWD and/or its basins. Additionally, Malaga CWD shall be responsible for maintaining adequately sized recharge facilities that are connected to District facilities/canals and capable of receiving surface water deliveries from the District at times when and in volumes made available by the District. Malaga CWD's unwillingness to increase basin capacities, location(s) or percolation rates to enable seasonal deliveries of surface waters for recharge when available in order to achieve a multi-year cumulative average of recharged water approximating 400 acre-feet annually would constitute a breach under this Agreement.

If Malaga CWD determines that it needs additional recharge facilities to meet its groundwater impact mitigation targeted recharge requirements in consultation with the NKGSA, the District may be able to provide a more cost-effective recharge alternative at one of its existing or planned nearby groundwater recharge facilities than Malaga CWD might develop itself. If it is mutually determined that additional recharge facilities are needed by Malaga CWD, a separate groundwater recharge agreement may be developed to augment Malaga CWD's groundwater recharge requirements using District facilities, at a mutually agreed to additional cost.

5. Indemnities; Hold Harmless

a. <u>General Indemnities by Malaga CWD</u>. Malaga CWD shall, to the fullest extent permitted by law, be solely responsible for any and all claims by or damage or injury to persons or property that, without sole negligence or willful misconduct on the part of the District, result directly or indirectly from the discharge of any water by Malaga CWD or its member agencies into District Facilities; the groundwater recharge and recovery of water by Malaga CWD; or, the acts or omissions of Malaga CWD, or its member agencies, or any of their officials, officers, employees, contractors, consultants, agents, invitees, or authorized volunteers in performing or carrying out the obligations or rights of Malaga CWD hereunder. Malaga CWD shall indemnify, defend and hold the District, and its elected officials, officers, employees, contractors, consultants, agents, invitees, or authorized volunteers (collectively the "Indemnified Parties"), free of and
harmless from any fine, civil penalty, loss, cost, damage, or expense, including reasonable attorneys' fees and costs, that may be caused to or incurred by them because of any injury or damage to persons or property arising from the negligence or fault of Malaga CWD, or its member agencies, or any of their elected officials, officers, employees, contractors, consultants, agents, invitees, or authorized volunteers in connection with: the discharge of any water by Malaga CWD, or its member agencies, into the District Facilities; the recharge or recovery of water into recharge project facilities/basins; any failure or refusal to observe or perform any term, covenant or condition in this Agreement to be observed or performed on Malaga CWD's part or those acts or omissions. This indemnification agreement shall not be restricted to any insurance proceeds available to Malaga CWD and shall survive the termination of this Agreement.

b. <u>Malaga CWD's Defense of the District</u>. If any action or proceeding is brought against any Indemnified Party in connection with any claim, then the District will use good-faith efforts to send prompt written notice to Malaga CWD. At the time Malaga CWD receives such written notice, Malaga CWD shall, at Malaga CWD's sole cost and expense, resist and defend such action or proceeding with legal counsel reasonably acceptable to the District. Malaga CWD may not admit any liability or enter into any compromise or settlement agreement on any Indemnified Party's behalf without the District's prior written consent, which the District shall not unreasonably withhold, condition, or delay. The District's legal counsel will be permitted to cooperate with Malaga CWD and its legal counsel and to participate in any action or proceeding brought against any Indemnified Party in connection with any claim.

c. <u>District's Indemnification Obligations</u>. The District shall indemnify, and hold the Malaga CWD, and its elected officials, officers, employees, contractors, consultants, agents, invitees, or authorized volunteers free of and harmless from any fine, civil penalty, loss, cost, damage, or expense, including reasonable attorneys' fees and costs, that may be caused to or incurred by them because of any injury or damage to person or property arising from the negligence or fault of the District, or any of its elected officials, officers, employees, contractors, consultants, agents, invitees, or authorized volunteers in connection with any failure or refusal to observe or perform any term, covenant or condition in this Agreement to be observed or performed on the District's part or those acts or omissions.

6. <u>Notices</u>. All notices required or permitted by this Agreement or applicable law shall be in writing and may be delivered in person (by hand or by overnight courier) or may be sent by regular mail or certified or registered mail or U.S. Postal Service Express Mail, with postage prepaid, or by facsimile transmission, and shall be deemed sufficiently given if served in a manner specified in this Section 6. The addresses noted below shall be that Party's address for delivery or mailing of notices.

To District:

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Fresno Irrigation District 2907 S. Maple Avenue

Fresno, CA 93725-2208 Attn: General Manager

To District:

Malaga County Water District 3580 S. Frank Street Fresno, CA 93725 Attn: Board President

Either Party may by written notice to the other specify a different address for notice.

7. <u>Amendment to Agreement</u>. No modification of, deletion from, or addition to this Agreement shall be effective unless made in writing and executed by both Malaga CWD and the District.

8. **Further Actions**. Both Parties shall cooperate and take such further action as may be necessary or convenient to the performance of this Agreement.

9. <u>Relationship of Agreement to Other Obligations</u>. This Agreement shall be at all times subject to all of the terms and conditions of the following contractual agreements, and regulatory/operational oversight of Pine Flat Dam. Collectively, these are referred to as the "Senior Commitments," and in no event shall the District be required to deliver water or take any other action in contravention of the Senior Commitments. To the extent that any provision contained in this Agreement is inconsistent with any term or condition of the Senior Commitments, that contrary provision of this Agreement shall be subordinate to the Senior Commitments or, if subordination does not resolve such inconsistency, such contrary provision shall be unenforceable.

The Senior Commitments include:

(a) Kings River Water Association Agreements aka "Blue Book," and any court or administrative rulings affecting the water rights of the member agencies in the Kings River Water Association (KRWA);

(b) Contract dated December 22, 2010 between District and the United States of America identified as Contract No. 14-06-200-1122D ("District's Bureau Contract") pursuant to which District is entitled to purchase certain water from the United States; and

(c) The operation of Pine Flat Dam by the U.S. Corps of Army Engineers, the operation and oversight of the State of California and the U.S. Government affecting State and Central Valley Project waters, dams, licenses, canals, and other societal interests, including but not limited to the Bureau of Reclamation, federal and state fish and game agencies, the State Water Resources Control Board, etc.

10. <u>No Water Rights Created</u>. Malaga CWD acknowledges herein that it has no historic or current rights to any Central Valley Project or Kings River Supply under this Agreement other than those contractual rights provided for herein, which are neither water rights nor water entitlements. Nothing in this Agreement authorizes or shall be construed or deemed to constitute the sale or transfer of a water right from either Party to the other, and nothing in this Agreement shall constitute the dedication by either Party of water or water storage to a public use. No right in or to any water, storage, or other water right owned by the District or Malaga CWD shall be acquired or lost by virtue of this Agreement or the actions contemplated hereby. At no time shall Malaga CWD make any claim, assert any right, or otherwise seek, confirm, or perfect in any forum any legal or beneficial interest, right, or title to any of District's water supply or storage rights. Malaga CWD will not acquire any permanent right to the delivery or diversion of any water made available by the District pursuant to this Agreement. Nothing in this Agreement is intended to or will be construed to act as a forfeiture, diminution, or impairment of any water right of the District.

11. <u>Protection and Acknowledgement of District Facilities</u>. Malaga CWD shall not permit the development of any parcel of land or the use of any easements (including a public utility easements) affecting land within its boundaries, if any, on which any portion of the District Water System is located until and unless the landowner and/or the developer enters into written agreements acceptable to the District for the acknowledgment, restatement, granting, or clarification of use and access to, operation of, repair, rehabilitation, relocation, replacement, reconfiguration, or pipelining of the District Water System facilities on the parcel, and on any adjacent parcels, all as the District determines is necessary or appropriate in order to: (i) avoid disruption of District operations or maintenance activities as a result of the development; (ii) make District's historic and future rights to operate, access, upgrade, and maintain such facilities; or (iii) address public safety concerns as determined by the District.

12. Dispute Resolution.

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a. District and Malaga CWD staff shall exercise every effort to resolve disputes through the development of a consensus.

b. To the extent District and Malaga CWD staff cannot promptly resolve an issue in dispute; the parties shall promptly convene a meeting of senior Party representatives to attempt to resolve the dispute. Either Party may request a dispute resolution meeting pursuant to this section by providing written notice to the other Party, including a summary of the issue in dispute. District representatives shall be its Board chair or president and another Board member. Malaga CWD representatives shall be the Board of Directors. These senior Party representatives shall make every reasonable effort to meet as frequently and as promptly as possible to negotiate the terms and conditions of a resolution. If these Party representatives are unable to resolve the dispute through this informal process within a reasonable period, either Party may pursue any remedy it may have under law or equity. Nothing in this section will be construed to create any right to arbitration. c. The dispute resolution process described above shall be limited to material disputes hereunder as determined by the Parties.

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d. In cases where a dispute arises between the Parties that, if unresolved, may result in imminent danger to the public health, safety, or welfare, the Parties shall not be subject to the provisions of this section.

13. **Defense of Agreement**. In the event of litigation challenging compliance with CEQA or any other aspect of this Agreement, the Parties shall cooperate to provide a joint defense of the litigation. Each Party shall bear its own costs of such litigation, including attorneys' fees and expert witness fees incurred in defending against any litigation challenging this Agreement on any grounds. However, if any CEQA challenge arises out of the determinations and conclusions by Malaga CWD that there is no possibility that the execution and implementation of this Agreement may have a significant effect on the environment, where Malaga CWD has determined that this Agreement is exempt from CEQA pursuant to CEQA Guideline Section 15061(b)(3); or, that Malaga CWD has reviewed the potential environmental impacts of the execution and implementation of this Agreement and determines that the requirements of CEQA have been met, then Malaga CWD, as the lead agency for CEQA purposes, shall coordinate and oversee the joint defense and shall pay the attorneys' fees and expert witness fees singularly without contribution from the District.

14. <u>Approvals</u>. Except as expressly provided in this Agreement, compliance with all legal/regulatory requirements and governmental or other third-party restrictions on the use or delivery of Malaga CWD's surface water to Malaga CWD's water users shall be the responsibility of Malaga CWD. The District shall be excused from delivering any water supply under this Agreement if, by so doing, the District would become subject to additional legal requirements or third-party restrictions imposed on deliveries of water to Malaga CWD's water users.

15. <u>Entire Agreement</u>. This Agreement, and each of the exhibits referred to herein, constitutes the entire agreement between the Parties pertaining to the settlement of disputes and obligations between them. This Agreement supersedes all prior and contemporaneous agreements, representations, and/or obligations concerning those obligations which are imerged into this Agreement. Each Party has made its own independent investigation of the matters settled and is not relying upon any representation not specified herein.

16. <u>Applicable Law</u>. This Agreement shall be construed under and shall be governed by the laws of the State of California. Any action to interpret or enforce any aspect of this Agreement shall be brought in the California Superior Court of Fresno County, California. Malaga CWD and the District hereby expressly waive any right to remove any action to a county other than Fresno County as permitted pursuant to California Code of Civil Procedure Section 394.

17. <u>Construction of Agreement</u>. This Agreement is the product of a deliberative process involving the Parties and their legal counsel, including engaging in the give-and-take process of regotiation and preparation by and among each Party hereto and its attorneys, and the

Parties agree that this Agreement shall not be deemed to have been prepared or drafted by any one Party. Accordingly, the normal rule of construction to the effect that any ambiguities are to be resolved against the drafting party shall not be employed in the interpretation of this Agreement.

18. <u>Counterparts</u>. This Agreement may be signed in any number of counterparts by the Parties, each of which shall be deemed to be an original, and all of which together shall be deemed one and the same instrument. Facsimile or other electronic signatures shall be binding.

19. <u>Binding Effect</u>. This Agreement shall be of binding legal effect only when it has been executed by all the Parties. No rights or duties under this Agreement may be assigned or delegated by a Party without the express written consent of the other Party, which may be withheld in the sole and absolute discretion of such other Party. Subject to the foregoing, this Agreement shall be binding upon and inure to the benefit of the successors and assigns of the Parties.

20. <u>Attorneys' Fees</u>. In the event of any action between the Parties seeking enforcement or interpretation of any of the terms and conditions of this Agreement, the prevailing Party in such action shall be awarded, in addition to damages, injunctive or other relief, its reasonable costs and expenses, including, but not limited to, taxable costs and reasonable attorneys' and experts' fees.

21. <u>Severability</u>. Subject to the Parties' rights under of this Agreement, if any provision of this Agreement is determined by a court of competent jurisdiction to be invalid, illegal, or unenforceable, such provision shall be automatically reformed to be valid, legal, and enforceable to the maximum extent permitted and the balance of this Agreement shall remain in full force and effect notwithstanding such invalidity, illegality, or unenforceability.

22. <u>No Third-Party Beneficiaries</u>. This Agreement does not create and shall not be construed to create any rights enforceable by any person, partnership, corporation, joint venture, limited liability company, district, or other form of organization or association of any kind that is not a party. Without limiting the generality of the foregoing, landowners, residents, water users and ratepayers of the Parties are not intended to be third-party beneficiaries of this Agreement. The District has no fiduciary duty to Malaga CWD because of this or any other Agreement between the Parties.

23. <u>Force Majeure</u>. Notwithstanding any other provision of this Agreement, neither Party shall be liable for any failure to perform resulting from any cause outside the reasonable control of that Party. For purposes of this Agreement, routine and emergency repairs and maintenance of the District Water System shall be deemed causes outside of the reasonable control of the District (including without limitation the annual shut down of certain canals for maintenance), provided that the District shall use reasonable efforts to schedule routine maintenance to avoid interference with deliveries of Malaga CWD's surface water. 24. <u>Authority</u>. Each of the signatories hereto warrant and represent that he or she is competent and authorized to enter into this agreement on behalf of the Party for whom he or she purports to represent.

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IN WITNESS WHEREOF, the Parties have executed this Agreement as of the Effective Date set forth above.

	"District"	"Malaga CWD"
	FRESNO IRRIGATION DISTRICT, a California irrigation district	MALAGA COUNTY WATER DISTRICT, a California special district
-1-	By: Ryan Jacobsen, President	By: Charles E. Garabedian Jr., Board President
	By William R. Mult Bill Stretch, Secretary	Bŷ: Moises Ortiz, General Manager

EXHIBIT A- FID Boundary

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EXHIBIT A- FID Boundary

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EXHIBIT B – Malaga CWD Boundaries and Sphere of Influence

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Figure: Malaga County Water District

Services: water, sewer, park and recreation



Extensions outside service area

Malaga County Water District

Extension of services outside agency's service area (GC sec. 56133)



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Malaga County Water District

Extension of services outside agency's service area (GC sec. 56133)



EXHIBIT C

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The location, size, capacity, recharge/percolation rates and times available for use of said Recharge Facility are set forth below

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Term Sheet for Water Supply Agreement between Fresno Irrigation District and the Malaga County Water District

BACKGROUND

- The Malaga County Water District (Malaga) is located within the North Kings GSA, and the North Kings GSA is developing groundwater impact mitigation requirements for each of the agencies within the North Kings GSA. Preliminary impact estimates of Malaga's required mitigation for growth to its Sphere of Influence ("SOI") as depicted on Exhibit A attached hereto, is approximately 756 acre-feet per year.
- Malaga plans to develop recharge facilities to provide for its groundwater impact mitigation, however Malaga
 currently does not have a surface water supply agreement with FID and would like to enter into an agreement for
 surface water supply from FID for delivery to groundwater recharge facilities consistent with the following
 parameters.

TERM SHEET

- 1. From surface water supply available to FID, FID will provide Malaga a surface water supply equivalent to up to 0.176% of FID's net Kings River supply (gross entitlement minus Pine Flat evaporations, losses, etc.) available for surface water customer deliveries in every Kings River Water year during the term of the Agreement. FID's Kings River supply averages approximately 430,000 acre-feet per year, so 0.176% equates to Malaga's needed 756 acre-feet per year. FID's Kings River supply fluctuates with hydrologic conditions, so the actual amount of surface water available to Malaga each year will also fluctuate with Kings River and other hydrologic conditions and FID's actual surface water supply availability in each given year.
- 2. The 756 acre-feet target for average annual groundwater recharge established by Malaga with the NKGSA as noted in this agreement is fixed and will not adjust based on land annexed into Malaga over time since the amount of the surface water supply included in this Agreement accounts for the Malaga's stated anticipated growth and future mitigation requirements including growth to its SOI as depicted on Exhibit A hereto. As lands are annexed into the Malaga and converted from agricultural to developed, those lands will be removed from FID assessment rolls, but will remain within FID and Malaga CWD will be charged a contract rate for surface water rather than an assessed rate.
- 3. FID will require Malaga to pay FID's current water service rate annually for 378 acres. The 378 acres is based on the fact that FID delivers on average 2 acre-feet per acre per year, so the equivalent acreage for 756 acre-feet is 378 acres. Consistent with other municipal agreements and ratepayers, the total amount will be paid in full each year by Malaga regardless of the amount of available supply or the amount actually delivered to or used by Malaga. FID's 2023 water service rate is \$53.76 per acre, so the total amount due for Malaga would be \$20,321 in 2023 [376 x \$53.76=\$20,321]. As FID's annual water service rate(s) increase, Malaga's annual surface water payment obligation for the fixed acreage of 378 acres will be determined by multiplying this number of acres by the applicable FID water service rate each year to determine the annual payment due to FID from Malaga. FID will deliver surface water exclusively for groundwater recharge and agricultural uses but by mutual agreement at no time will the surface water be directly treated by Malaga for municipal, industrial or residential uses.
- 4. FID will measure all surface water delivered to Malaga for groundwater recharge.
- 5. Malaga shall provide, install, provide access to and maintain a flow meter or meters per FID requirements. FID will provide a monthly report to Malaga reflecting water deliveries.
- 6. Malaga shall be responsible for basin facilities to be adequately maintained to receive surface water for delivery.
- 7. Malaga shall not market, transfer, sell or exchange any portion of this supply.
- Malaga may not export or deliver any surface water or pumped groundwater to any lands outside its boundaries and sphere of influence without the express written permission of FID, which permission may be denied for any reason.
- 9. If Malaga determines that it needs additional recharge facilities to meet its groundwater impact mitigation targeted recharge requirements in consultation with the North Kings GSA, FID may be able to provide a more cost-effective recharge alternative at one of its existing or planned nearby groundwater recharge facilities than Malaga might develop itself. If it is mutually determined that additional recharge facilities are needed by Malaga, a separate groundwater recharge agreement may be developed to augment Malaga's groundwater recharge requirements using FID facilities, at a mutually agreed to additional cost.

EXHIBIT A

Figure: Malaga County Water District Services: water, sewer, park and recreation

