CITY OF IONE
IONE, CA 95640

REGULAR MEETING STARTS AT 6:00 PM

Mayor Stacy Rhoades
Vice Mayor Jack Mitchell
Councilmember Dominic Atlan
Councilmember Alison LaFayne
Councilmember Diane Wratten

AT 1 E. MAIN STREET, IONE, CA 95640
AND VIA ZOOM
The City of Ione is inviting you to a scheduled Zoom meeting.
Join Zoom Meeting
https://zoom.us/j/2351961316?pwd=d3lWTW0zbVJLblpQNXBDQWtpZkRyUT09
Meeting ID: 235 196 1316
Passcode: 95640
Find your local number: https://zoom.us/u/aex3ZLbqgp

Tuesday, October 3, 2023

THE CITY OF IONE IS A GENERAL LAW CITY DEDICATED TO PROVIDING LEADERSHIP, ACCOUNTABILITY, AND FISCAL INTEGRITY WHILE PROMOTING ECONOMIC OPPORTUNITIES AND MAINTAINING A HIGH QUALITY OF LIFE FOR OUR CITIZENS.

PLEASE LIMIT PUBLIC COMMENT/TESTIMONY TO FOUR MINUTES
Gov't. Code §54954.3

The Ione City Council welcomes, appreciates, and encourages participation in the City Council Meeting. The City Council reserves the right to reasonably limit the total time for public comment on any particular noticed agenda item as it may deem necessary.

Full staff reports and associated documents are available for public review at the Office of the City Clerk, City Hall, 1 E. Main Street, Ione, CA. Hard copies may be obtained for $3.60 for pages 1-5 and $.45 for each additional page. Documents that are not available when the agenda is posted will be made available for public review at the meeting.

A. ROLL CALL

B. CLOSED SESSION:

PUBLIC EMOLOYEE PERFORMANCE EVALUATION, pursuant to Government Code Section 54957. Title: Interim City Manager.

If all matters are not completed prior to the regular meeting start time, the City Council will convene to Closed Session after the Regular Meeting ends.

CITY OF IONE
IONE, CA 95640

6:00 P.M. REGULAR MEETING AGENDA

A. PLEDGE OF ALLEGIANCE

B. REPORT OUT OF CLOSED SESSION

C. APPROVAL OF AGENDA

D. PRESENTATIONS/ANNOUNCEMENTS: None

E. PUBLIC COMMENT: EACH SPEAKER IS LIMITED TO 4 MINUTES

NOTE: This is the time for members of the public who wish to be heard on matters that do not appear on the Agenda. Persons may address the City Council at this time on any subject within the jurisdiction of the Ione City Council.

Please be mindful of the 4 minute time limit per person. Pursuant to the Brown Act, the City Council may not take action or engage in a detailed discussion on an item that does not appear on the Agenda. However, matters that require Council action will be referred to staff for a report and/or recommendation for possible action at a future Council meeting. Is there anyone in the audience who wishes to address the Council at this time?

F. INFORMATION ITEMS:

All matters listed under this category are for information only with no action to be taken by the City Council.

1. Second Quarter Groundwater monitoring results

G. CONSENT CALENDAR:

All matters listed under this category are considered to be routine and will be enacted by one motion. Any item may be removed for discussion and possible action and made a part of the regular agenda at the request of a Councilmember(s).

1. Minutes of September 19, 2023
   Recommendation: The minutes are being continued to the October 17, 2023 Meeting.

2. Warrants
   Recommendation: Approve warrants as presented.

CITY OF IONE
IONE, CA 95640

H. PUBLIC HEARING:

1. Adoption of Ordinance No. 532 – Amending the Ione Municipal Code, Title 17 Zoning, to adopt the Zoning Code Amendment – Table 17.40.050-1 Project – Parking Requirements by Land Use
   Recommendation to continue the Public Hearing to the October 17, 2023 City Council meeting.

I. REGULAR AGENDA:

1. Train Depot Park Status Update
   Recommendation: For information only.

2. City Operated Recreation Program
   *Recommendation: Adopt Resolution 2023-*Approving the Recommendation from the Parks and Recreation Commission to Establish a City of Ione Recreation Program and Cease the Per Capita Payment to Amador County Recreation Agency.*

3. City Manager Recruitment
   Recommendation: The City Attorney will provide an oral report for staff direction.

J. REPORTS AND COMMUNICATIONS FROM CITY MANAGER

K. COUNCIL COMMENTS/COMMITTEE REPORTS/FUTURE AGENDA ITEMS

L. RESUME TO CLOSED SESSION IF NECESSARY

M. REPORT OUT OF CLOSED SESSION

N. ADJOURNMENT TO REGULAR MEETING ON OCTOBER 17, 2023

Upcoming Meetings:

October 10th:	**Planning Commission Meeting**	**6:00 P.M.**
October 12th:	**Creek Committee Meeting**	**6:00 P.M.**
October 17th:	**City Council Meeting**	**6:00 P.M.**
October 24th:	**Wastewater Committee Meeting**	**3:00 P.M.**
October 24th:	**Parks and Recreation Commission Meeting**	**6:00 P.M.**

CITY OF IONE
IONE, CA 95640

NOTICE REGARDING CHALLENGES TO DECISIONS

Pursuant to all applicable laws and regulations, including without limitation, California Government Code Section 65009 and or California Public Resources Code Section 21177, if you wish to challenge in court any of the above decisions (regarding planning, zoning and/or environmental decisions), you may be limited to raising only those issues you or someone else raised at the public hearing(s) described in this notice/agenda, or in written correspondence delivered to the City at, or prior to, this public hearing.

ADA COMPLIANCE STATEMENT

In compliance with the American with Disabilities Act, if you need special assistance to participate in this meeting, please contact City Clerk Janice Traverso at (209) 274-2412, ext. 102. Notification 24 hours prior to the meeting will enable the City to make reasonable arrangements to ensure accessibility to this meeting.

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AGENDA ITEM F.1.

Monitoring Report Submittal Transmittal Form

Kenny Croyle
Central Valley Regional Water Quality Control Board
11020 Sun Center Drive #200
Rancho Cordova, CA 95670-6114

Discharger:	Amador Regional Sanitation Authority/City of Ione
Name of Facility:	Amador County Regional Outfall
WDRs Order Number:	R5-1993-0240-002
WDID:	5B030109001
CIWQS Place ID:	205398
County:	Amador County

I am hereby submitting to the Central Valley Regional Water Quality Control Board the following information:

Mark all that apply:

1st / **2nd** / 3rd / 4th Quarter Monitoring Report for the year of 2023

Violation Notification

During the monitoring period, there were / **were not any** violations of the WDRs.

Certification Statement

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."

City of Ione

_____

Amy Gedney, Acting City Manager — Date
Office phone # (209) 274-2412

Castle Oak Golf Course
Groundwater Monitoring Report
Second Quarter 2023
R5-1993-0240-002

Prepared for

City of Ione

July 5, 2023

Prepared by

DELLAVALLE™
LABORATORY INC

1910 W. McKinley Avenue, Suite 110 • Fresno, California 93728-1298
Phone (559) 233-6129 • (800) 228-9896 • Fax (559) 268-8174
Website: www.dellavallelab.com

Castle Oak Golf Course
Groundwater Monitoring Report
Second Quarter 2023
R5-1993-0240-002

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DELLAVALLE™
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July 5, 2023

City of Ione
Amy Gedney, Acting City Manager
1 East Main Street
Ione, CA 95640

RE: Castle Oak Golf Course
Second Quarter 2023 Groundwater Monitoring Report
R5-1993-0240-002

Dear Ms. Gedney:
This report summarizes the 2nd Quarter 2023 groundwater monitoring and analytical sampling event associated with Monitoring and Reporting Program (MRP) R5-1993-0240-002.

AUTHORIZATION

The services provided by Dellavalle Laboratory, Inc. (DLI), Provost and Pritchard Consulting Group, and Del Tech Geotechnical Support Services (Del-Tech) were authorized by the City of Ione and Dellavalle Project Manager, Lisa Rubin.

CASTLE OAK GOLF COURSE GROUNDWATER MONITORING NETWORK

As of 17 May 2023, the Castle Oak Golf Course groundwater monitoring network consists of three (3) groundwater monitoring wells and three (3) piezometers (**Table 1-Network Site Descriptions**).

Table 1. Network Site Descriptions

Monitoring Wells	Monument	Piezometers	Monument
CO MW-1	Flush	CO P-1	Post
CO MW-2	Post	CO P-2	Post
CO MW-3	Post	CO P-4	Post

As required by California Business and Professions Code Section 7835, groundwater monitoring site locations, potentiometric measurements, groundwater elevations, and analytical results summary discussions have been prepared by a Licensed California Geologist and are presented in **Attachment 1 - Groundwater Elevation and Analytical Results Discussion.** Groundwater elevations and depth to water measurements (DTW) with historical graph trends are presented in **Attachment 2 - Groundwater Monitoring Network Measurements and Graphs**.

GROUNDWATER MONITORING & SAMPLING

Prior to purging and sampling, Del-Tech measured DTW in all monitoring wells and piezometers. DTW was measured from the north side and top edge of well casing. DTW measurements (ft) are subtracted from the depth of well (ft) to determine standing water column (SWC) measurements in feet. The SWC is multiplied by the gallons per foot of depth (0.1632 for 2-inch diameter well casing) to determine calculated purge volume. All well casings are 2-inch polyvinyl chloride.

Dedicated Waterra tubing and check-ball systems are installed at each well, and all monitoring wells were purged and sampled with an inertial pump. Each monitoring well was purged to remove standing water within the well casing that may not be representative of formation water. Purge water samples were monitored in the field for temperature, pH, electrical conductivity (EC), oxidation-reduction potential (ORP), turbidity, and dissolved oxygen (DO). All purged water was released to the ground.

Instrument calibration was carried out daily in the field prior to measuring purge parameters. Field records for water sampling events are included in **Attachment 3 - Field Records**.

Groundwater samples were collected for laboratory analysis after a minimum of three well casing volumes of water had been removed and the field parameters for purge water had stabilized. During sampling, DTW measurements were taken and recorded for draw-down after each purge. The following target criteria for three consecutive measurements were used to define stabilization:

- temperature +/- 0.1 degrees Celsius
- specific conductance +/- 3%
- pH +/- 0.1 units
- ORP +/- 10 millivolts

Samples were collected in the appropriate laboratory prepared containers, labeled, and placed directly into an ice cooled chest and delivered under chain-of-custody protocols by the project manager to DLI's analytical laboratory. Samples for metals analysis were filtered prior to preservation and digestion using a 0.45-micron filter.

Castle Oak Golf Course
Second Quarter 2023 Groundwater Monitoring Report
R5-1993-0240-002

July 5, 2023

As requested, groundwater samples were analyzed at DLI for pH, electrical conductivity (EC), total dissolved solids (TDS), Nitrate-N (NO_3-N), ammonia as nitrogen (NH_4-N), dissolved iron (Fe), and dissolved manganese (Mn). Samples for total coliform organisms (TCO), dissolved arsenic (As), and Volatile Organic Carbons (VOCs), were contracted out to BSK Associates (BSK).

DLI's analytical laboratory is certified by the Environmental Laboratory Accreditation Program (Certificate No. 1595) for the analyses provided herein. BSK is certified by the Environmental Laboratory Accreditation Program (Certificate No. 1180) for the analyses provided herein.

Historical water quality trends and graphs are presented in **Attachment 4 - Historical Water Quality Data and Graphs**. Copies of the laboratory analytical reports for this quarter are included in **Attachment 5 - Reports of Water Analysis (Monitoring Wells)**.

LIMITATIONS STATEMENT

This report has been reviewed by a Professional Geologist in the State of California. DLI's professional services were performed consistent with generally accepted environmental principles and practices in California at the time the services were performed. Data in this report, prior to 28 November 2022, was based on data collected and provided by others. No guarantee or warranty, expressed or implied, is made.

This Report was prepared for the sole use of Dischargers regulated under R5-1993-0240-002, Provost & Pritchard Consulting Group, and involved regulatory agencies. It may not be used or relied upon by any other person(s) without the express written consent and authorization of the City of Ione and DLI. If any errors are found in the information used for this report, the inferences and conclusions shall not be considered valid unless the changes or errors are reviewed by the supervising Professional Geologist and re-approved in writing. Any questions regarding the content of this document should be directed to the DLI Project Manager or the City Manager for Ione.

If you have any questions concerning this report, please do not hesitate to call me at (408) 667-7661 or e-mail inquiries to l.rubin@dellavallelab.com.

Thank you,

Lisa Rubin

Lisa A. Rubin, CCA

Attachments

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Attachment 1
Groundwater Elevation and Analytical Results Discussion

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LABORATORY INC

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PROVOST&PRITCHARD
CONSULTING GROUP

455 W Fir Ave • Clovis, CA 93611 • (559) 449-2700
www.provostandpritchard.com

July 19, 2023

Lisa Rubin, CCA
Dellavalle Laboratory, Inc.
1910 W. McKinley Avenue #110
Fresno, CA 93728

RE: Castle Oaks Golf Course, Groundwater Monitoring Report, Second Quarter 2023, Groundwater Elevation and Analytical Results Discussion

Dear Ms. Rubin:

This document was prepared by Provost & Pritchard Consulting Group (Provost & Pritchard) for Dellavalle Laboratory, Inc. (DLI) for the Castle Oaks Golf Course in Ione, California, which is subject to Monitoring and Reporting Program (MRP) R5-93-0240-002. The following discussion is based on the information presented in the Castle Oak Golf Course, Groundwater Monitoring Report, Second Quarter 2023, R5-1993-0240 (report) prepared by DLI.

GROUNDWATER ELEVATION

Well locations and depth to water measurements for the second quarter 2023 groundwater sampling event at the Castle Oaks site are provided in Attachment 2 of the DLI report. Top of casing elevations were obtained from the previous consultant's work product, provided by the City of Ione. Groundwater elevations were calculated and are shown on the enclosed Groundwater Elevation Map, prepared by a Provost & Pritchard Professional Geologist. The calculated groundwater gradient across the Castle Oaks site based on the contours for the sample date is approximately 0.004 feet per foot (ft/ft) to the southwest. According to the discussion by the previous consultant, groundwater gradient has been historically to the southwest at approximately 0.004 to 0.007 ft/ft and has been 0.004 ft/ft southwest since 4th quarter 2022. Thus, this quarter's gradient is consistent with historical flow.

Based on hydrographs produced using historical groundwater elevations at the site, seasonal trends are not apparent in MW-1 and the remainder of wells are generally highest in the winter and lowest in the summer, though not consistently in a particular quarter. Groundwater elevation has overall been trending very slightly downward over time. This quarter groundwater levels in the monitoring wells decreased between 0.8 and 1.9 feet from the previous quarter. From the second quarter of 2022 to this quarter the groundwater levels increased approximately 2.5 feet in CO MW-1 and -3 and was within 0.1 foot in CO MW-2. The 3 piezometers had water levels 0.5 to 1.3 feet lower than the previous quarter and 1.5 to 2.6 feet higher than the second quarter of 2022.

ANALYTICAL RESULTS

Based on the laboratory report in Attachment 5 of the DLI report, this quarter ammonia, arsenic, iron, total coliform bacteria (TCO) and volatile organic compounds (VOCs) were not detected in the groundwater samples analyzed. Manganese was detected only in CO MW-3, which historically has had the highest concentration. The field pH ranged from 5.89 in CO MW-2, historically the lowest, to 6.79 in CO MW-1. Field electrical conductivity (EC) had the lowest concentration upgradient in CO MW-1 and highest in CO MW-2, which is consistent with historical spatial trends; however, total dissolved solids (TDS) had the lowest

concentration in CO MW-3 which is inconsistent with recent spatial trends. Nitrate as nitrogen (NO3-N) had the highest concentration upgradient in CO MW-1, consistent with historical spatial trends.

Based on the graphs in Attachment 4 of the DLI report, most constituent concentrations appear to be relatively consistent over time, except for the following exceptions. NO3-N appears to be historically increasing in CO MW-1 and recently in CO MW-2 and -3. Iron appears to have decreased in CO MW-3 historically but has been consistent recently.

Groundwater limitations are not set for this site in the associated Waste Discharge Requirements and so concentrations are compared to respective primary or secondary maximum concentration limits (MCLs) identified in Title 22 of the California Code of Regulations. According to the table in Attachment 4 of the DLI report secondary MCLs were exceeded for pH, EC, and TDS in CO MW-2, and for manganese in CO MW-3.

LIMITATIONS

This document has been prepared for the sole use of DLI, the City of Ione, and involved regulatory agencies. Any other person or entity without the express written consent of Provost & Pritchard Consulting Group may not rely upon this document.

Provost & Pritchard's professional services were performed consistent with generally accepted environmental principles and practices in California at the time the services were performed.

No assessment can eliminate uncertainty regarding the potential for recognized environmental conditions. This document is intended to reduce, but not eliminate this uncertainty, recognizing reasonable limits of time and cost. Subsurface variations cannot be known, or entirely accounted for, despite exhaustive testing. This document should not be regarded as a guarantee that no further recognized environmental conditions are present on or beneath the site, beyond that which could have been detected within the scope of work.

In developing this report, Provost & Pritchard has relied on information that was prepared or provided by others. Provost & Pritchard assumes that this information is accurate and correct, unless noted. Changes in existing conditions at the site due to time lapse, natural causes, or operations on adjoining properties, may deem the information inappropriate.

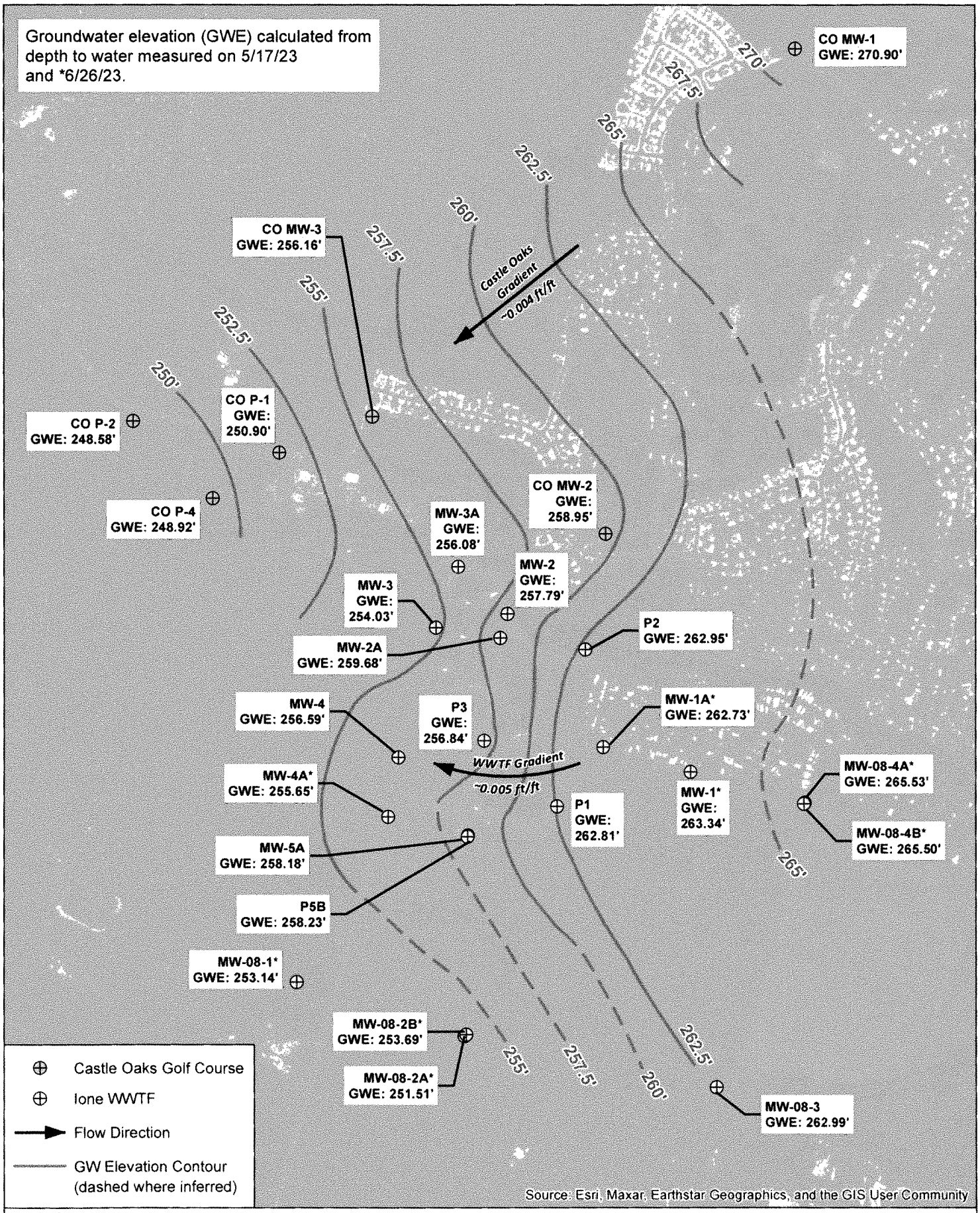
No guarantee or warranty, expressed or implied, is made.

Respectfully,

Daryl Tachella

Daryl Tachella, PG
Senior Geologist

Enclosure: Groundwater Elevation Map for 5/17/23 and 6/26/23



Groundwater Elevation Map

Ione WWTF & Castle Oaks Golf Course

PROVOST& PRITCHARD

7/12/2023 \\ppeng.com\pzdata\clients\Bellavalle-1020\102022001-Ione WWTP & Castle Oak GW Consulting\400 GIS\Map\2Q2023_GW_elevation_map.mxd

Attachment 2
Groundwater Monitoring Network
Measurements and Graphs

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LABORATORY INC

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website: dellavallelab.com

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Historical Groundwater Monitoring Data
Castle Oaks Golf Course
City of Ione
R5-1993-0240-002

Sample ID	Date	Survey Mark Elevation	Depth to Water	Ground Water Elevation	Volume Purged, gal.	Temp.	Field pH	Field EC	Dissolved Oxygen	Oxidation/ Reduction Potential	Turbidity
Method		Surveyed	Probe	Calculated	Measured	Metered	Metered	Metered	Metered	Metered	Metered
Units:		ft. msl	ft	ft. msl	gal	deg C	std units	umhs/cm	mg/L	Mv	NTU
MW1	11/30/01	280.75	10.33	270.42							
MW1	3/20/02	280.75	9.08	271.67							
MW1	6/12/02	280.75	8.12	272.63							
MW1	9/17/02	280.75	9.06	271.69							
MW1	12/9/02	280.75	12.29	268.46							
MW1	3/28/03	280.75	10.37	270.38							
MW1	6/17/03	280.75	8.32	272.43							
MW1	10/1/03	280.75	9.32	271.43							
MW1	12/31/03	280.75	10.30	270.45							
MW1	3/31/04	280.75	9.16	271.59							
MW1	6/30/04	280.75	9.09	271.66							
MW1	9/30/04	280.75	8.99	271.76							
MW1	1/3/05	280.75	10.07	270.68							
MW1	4/5/05	280.75	7.76	272.99							
MW1	7/1/05	280.75	7.91	272.84							
MW1	10/21/05	280.75	9.16	271.59							
MW1	3/8/06	280.75	8.39	272.36							
MW1	5/30/06	280.75	8.09	272.66							
MW1	8/30/06	280.75	8.74	272.01							
MW1	11/30/06	280.75	11.21	269.54							
MW1	2/27/07	280.75	9.83	270.92							
MW1	5/31/07	280.75	8.40	272.35							

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Units:		ft. msl	ft	ft. msl	gal	deg C	std units	umhs/cm	mg/L	Mv	NTU
MW1	8/30/07	280.75	8.23	272.52							
MW1	11/30/07	280.75	11.69	269.06							
MW1	6/30/08	280.75	8.50	272.25							
MW1	9/30/08	280.75	13.61	267.14							
MW1	11/30/08	280.75	12.92	267.83							
MW1	12/31/08	280.75	12.56	268.19							
MW1	3/12/09	280.75	8.89	271.86	7.0	18.0	6.80	565			
MW1	6/17/09	280.75	8.33	272.42	5.0	20.9	6.45	640	5.06	-15.9	-15.9
MW1	9/22/09	280.75	7.99	272.76	3.0	24.21	6.61	576	4.84	96.8	96.8
MW1	12/15/09	280.75	10.11	270.64	5.0	20.52	7.51	582	3.56	39.0	39.0
MW1	3/24/10	280.75	8.86	271.89	5.0	17.65	6.58	643	4.92	71.3	71.3
MW1	6/23/10	280.75	9.06	271.69	5.0	18.55	6.60	680	6.60	101.4	101.4
MW1	9/24/10	280.75	8.69	272.06	5.0	23.30	6.57	587	4.05	280.5	280.5
MW1	12/14/10	280.75	9.66	271.09	5.0	19.61	6.92	598	4.49	104.1	104.1
MW1	3/29/11	280.75	7.49	273.26	5.0	17.10	6.54	614	3.95	-136.8	-136.8
MW1	6/22/11	Bent closed, unable to sample									
MW1	9/15/11	280.75	9.29	271.46	5.0	20.81	6.37	586	5.02	79.4	
MW1	12/13/11	280.75	11.01	269.74	4.0	19.49	6.45	591	3.66	55.0	
MW1	3/22/12	280.75	10.13	270.62	4.0	17.09	6.60	590	4.15	63.7	
MW1	6/27/12	280.28	9.84	270.44	5.0	19.46	6.86	582	6.34	88.2	
MW1	9/25/12	280.28	10.28	270.00	4.0	23.87	6.90	606	4.05	49.9	

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Historical Groundwater Monitoring Data
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City of Ione
R5-1993-0240-002

Sample ID	Date	Survey Mark Elevation	Depth to Water	Ground Water Elevation	Volume Purged, gal.	Temp.	Field pH	Field EC	Dissolved Oxygen	Oxidation/ Reduction Potential	Turbidity
Method		Surveyed	Probe	Calculated	Measured	Metered	Metered	Metered	Metered	Metered	Metered
Units:		ft. msl	ft	ft. msl	gal	deg C	std units	umhs/cm	mg/L	Mv	NTU
MW1	12/18/12	280.28	10.92	269.36	10.0	20.49	6.75	578	3.20	144.4	
MW1	3/11/13	280.28	10.30	269.98	6.0	18.46	6.62	590	4.29	126.0	
MW1	6/26/13	280.28	8.14	272.14	5.0	21.39	6.50	500	4.16	160.4	
MW1	9/13/13	280.28	12.44	267.84	3.0	21.18	6.57	609	3.15	203.4	
MW1	12/12/13	280.28	13.40	266.88	2.0	21.60	6.74	610	2.00	90.2	
MW1	3/5/14	280.28	11.44	268.84	4.0	18.90	6.59	504	3.02	179.4	
MW1	6/16/14	280.28	12.62	267.66	4.0	19.59	6.63	624	2.10	96.4	
MW1	9/17/14	280.28	11.35	268.93	4.0	21.66	6.55	571	1.32	132.6	
MW1	12/19/14	280.28	10.42	269.86	6.0	21.98	6.76	519	2.71	169.3	
MW1	3/23/15	280.28	10.09	270.19	6.0	18.90	6.56	602	3.00	58.1	
MW1	6/10/15	280.28	10.04	270.24	5.0	19.36	5.93	562	3.33	135.1	
MW1	9/16/15	280.28	9.72	270.56	5.0	23.05	6.51	591	4.45	101.5	
MW1	12/15/15	280.28	11.92	268.36	4.0	21.97	6.72	567	2.24	45.6	
MW1	3/29/16	280.28	8.44	271.84	5.0	18.12	6.58	606	3.66	138.9	
MW1	6/20/16	280.28	10.84	269.44	4.0	18.89	6.32	595	2.72	151.2	
MW1	9/7/16	280.28	8.69	271.59	5.0	23.08	6.43	604	5.69	276.9	
MW1	12/7/16	280.28	11.15	269.13	4.0	21.4	6.63	566	1.65	85.2	
MW1	3/8/17	280.28	7.87	272.41	5.0	17.5	6.63	615	4.44	221.7	
MW1	6/15/17	280.28	9.49	270.79	5.0	18.0	6.58	595	3.49	222.2	
MW1	9/14/17	280.28	8.59	271.69	5.0	23.4	6.58	547	4.33	255.4	
MW1	12/6/17	280.28	10.64	269.64	4.0	20.9	6.62	564	4.04	155.7	
MW1	3/9/18	280.28	10.64	269.64	4.0	18.7	6.74	674	3.70	158	

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Historical Groundwater Monitoring Data
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City of Ione
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Sample ID	Date	Survey Mark Elevation	Depth to Water	Ground Water Elevation	Volume Purged, gal.	Temp.	Field pH	Field EC	Dissolved Oxygen	Oxidation/ Reduction Potential	Turbidity
Method		Surveyed	Probe	Calculated	Measured	Metered	Metered	Metered	Metered	Metered	Metered
Units:		ft. msl	ft	ft. msl	gal	deg C	std units	umhs/cm	mg/L	Mv	NTU
MW1	6/15/18	280.28	10.13	270.15	3.5	17.1	6.53	675	3.60	156	
MW1	9/17/18	280.28	8.79	271.49	4.5	20.1	6.59	670	4.10	140	
MW1	12/17/18	280.28	13.02	267.26	3.0	19.9	6.67	640	2.60	170	
MW1	3/18/19	280.28	7.91	272.37	5.0	17.3	6.74	520	6.80	162	
MW1	5/13/19	280.28	6.54	273.74	4.0	16.8	6.72	576	5.60	157	
MW1	9/16/19	280.28	8.72	271.56	4.5	22.9	6.60	540	6.80	69	
MW1	12/16/19	280.28	11.25	269.03	3.0	19.7	6.68	489	2.29	204	
MW1	3/16/19	280.28	10.33	269.95	3.5	16.9	6.80	412	7.12	181	
MW1	6/16/20	280.28	10.69	269.59	3.5	18.5	6.75	555	3.38	208	
MW1	9/14/20	280.28	9.09	271.19	4.0	20.9	6.75	535	3.14	199	
MW1	12/15/20	280.28	10.77	269.51	3.5	15.9	6.79	564	3.35	221	
MW1	3/17/21	280.28	9.83	270.45	4.0	17.3	6.88	510	3.81	205	
MW1	6/22/21	280.28	10.55	269.73	3.5	19.0	6.79	515	4.13	128	
MW1	9/21/21	280.28	13.11	267.17	2.5	19.2	6.46	545	3.06	206	
MW1	12/14/21	280.28	9.81	270.47	4.0	17.9	6.66	214	7.17	238	
MW1	3/16/22	280.28	10.92	269.36	3.5	17.6	6.44	377	4.01	177	
MW1	6/15/22	280.28	11.94	268.34	3.0	19.6	6.31	463	2.36	200	
MW1	9/22/22	280.28	13.57	266.71	2.5	19.2	6.46	545	3.06	206	
MW1	11/28/22	280.28	10.14	270.14	6.0	21.6	6.75	581	3.90	232	165
MW1	3/2/23	280.28	8.58	271.70	6.0	17.7	6.96	534	1.90	138	92
MW1	5/17/23	280.28	9.38	270.90	4.5	18.8	6.79	499	1.40	147	73

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Sample ID	Date	Survey Mark Elevation	Depth to Water	Ground Water Elevation	Volume Purged, gal.	Temp.	Field pH	Field EC	Dissolved Oxygen	Oxidation/ Reduction Potential	Turbidity
Method		Surveyed	Probe	Calculated	Measured	Metered	Metered	Metered	Metered	Metered	Metered
Units:		ft. msl	ft	ft. msl	gal	deg C	std units	umhs/cm	mg/L	Mv	NTU
MW2	11/30/01	272.01		259.34							
MW2	3/20/02	272.01		260.05							
MW2	6/12/02	272.01		259.26							
MW2	9/17/02	272.01		258.12							
MW2	12/9/02	272.01		259.08							
MW2	3/28/03	272.01		259.59							
MW2	6/17/03	272.01		259.09							
MW2	10/1/03	272.01		257.93							
MW2	12/31/03	272.01		259.92							
MW2	3/31/04	272.01		259.72							
MW2	6/30/04	272.01		258.51							
MW2	9/30/04	272.01		257.67							
MW2	1/3/05	272.01		261.09							
MW2	4/5/05	272.01		262.26							
MW2	7/1/05	272.01		258.93							
MW2	10/21/05	272.01		258.46							
MW2	3/8/06	272.01	10.16	261.85							
MW2	5/30/06	272.01	12.11	259.90							
MW2	8/23/06	272.01	13.41	258.60							
MW2	11/30/06	272.01	14.16	257.85							
MW2	2/27/07	272.01	11.45	260.56							

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Sample ID	Date	Survey Mark Elevation	Depth to Water	Ground Water Elevation	Volume Purged, gal.	Temp.	Field pH	Field EC	Dissolved Oxygen	Oxidation/ Reduction Potential	Turbidity
Method		Surveyed	Probe	Calculated	Measured	Metered	Metered	Metered	Metered	Metered	Metered
Units:		ft. msl	ft	ft. msl	gal	deg C	std units	umhs/cm	mg/L	Mv	NTU
MW2	5/31/07	272.01	13.54	258.47							
MW2	8/30/07	272.01	14.02	257.99							
MW2	11/30/07	272.01	13.09	258.92							
MW2	6/30/08	272.01	13.17	258.84							
MW2	9/30/08	272.01	13.90	258.11							
MW2	11/30/08	272.01	13.71	258.30							
MW2	12/31/08	272.01	13.56	258.45							
MW2	3/12/09	272.01	11.56	260.45	7.0	16.4	6.20	1,326			
MW2	6/17/09	272.01	13.40	258.61	8.0	17.6	6.02	1,505	1.63	-35.8	
MW2	9/22/09	272.01	13.63	258.38	3.0	18.35	6.07	1,359	2.41	29.8	
MW2	12/15/09	272.01	12.56	259.45	5.0	18.10	6.83	1,187	1.82	21.0	
MW2	3/24/10	272.01	12.06	259.95	6.0	16.35	6.14	1,317	3.91	79.4	
MW2	6/23/10	272.01	13.23	258.78	5.0	16.61	6.09	1,383	4.43	108.2	
MW2	9/24/10	272.01	13.43	258.58	5.0	18.03	5.92	1,478	1.93	49.9	
MW2	12/14/10	272.01	12.25	259.76	5.0	17.51	6.24	1,266	1.86	-63.3	
MW2	3/29/11	272.01	8.64	263.37	8.0	16.32	5.95	1,603	2.43	-169.4	
MW2	6/23/11	272.01	12.91	259.10	5.0	15.87	5.91	1,698	3.14	-49.4	
MW2	9/15/11	272.01	13.20	258.81	5.0	18.08	6.01	1,684	1.36	-113.1	

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Sample ID	Date	Survey Mark Elevation	Depth to Water	Ground Water Elevation	Volume Purged, gal.	Temp.	Field pH	Field EC	Dissolved Oxygen	Oxidation/ Reduction Potential	Turbidity
Method		Surveyed	Probe	Calculated	Measured	Metered	Metered	Metered	Metered	Metered	Metered
Units:		ft. msl	ft	ft. msl	gal	deg C	std units	umhs/cm	mg/L	Mv	NTU
MW2	12/13/11	272.01	13.09	258.92	5.0	18.21	5.72	1,349	1.80	3.9	
MW2	3/22/12	272.01	11.17	260.84	6.0	16.00	5.74	1,215	2.92	84.8	
MW2	6/27/12	272.01	13.65	258.36	5.0	16.27	5.90	1,459	5.00	66.2	
MW2	9/25/12	272.01	13.64	258.37	5.0	18.11	5.56	1,482	1.96	69.5	
MW2	12/18/12	272.01	12.53	259.48	6.0	18.01	5.90	1,305	1.46	37.9	
MW2	3/11/13	272.01	13.20	258.81	6.0	16.32	5.91	1,416	2.93	147.7	
MW2	6/26/13	272.01	13.91	258.10	5.0	17.48	5.67	1,312	2.86	197.4	
MW2	9/13/13	272.01	14.33	257.68	5.0	17.38	5.39	1,387	4.11	170.3	
MW2	12/12/13	272.01	14.44	257.57	5.0	18.17	5.93	1,219	2.17	58.8	
MW2	3/5/14	272.01	12.40	259.61	5.0	16.39	5.93	1,226	3.31	173.1	
MW2	6/16/14	272.01	13.57	258.44	7.0	16.87	5.84	1,356	1.58	47.8	
MW2	9/17/14	272.01	14.45	257.56	6.0	18.22	5.87	1,246	0.61	174.1	
MW2	12/19/14	272.01	11.10	260.91	6.0	18.34	6.01	953	1.01	186.6	
MW2	3/23/15	272.01	12.67	259.34	5.0	16.56	5.63	1,206	0.36	36.7	
MW2	6/10/15	272.01	12.72	259.29	5.0	16.69	5.49	1,210	0.29	101.0	
MW2	9/16/15	272.01	14.45	257.56	5.0	18.67	5.72	1,382	1.14	87.6	
MW2	12/15/15	272.01	12.44	259.57	6.0	18.47	5.90	1,331	2.04	45.2	
MW2	3/29/16	272.01	11.23	260.78	6.0	16.27	5.71	1,461	0.36	126.7	
MW2	6/20/16	272.01	13.08	258.93	5.0	16.53	5.61	1,502	1.02	174.1	
MW2	9/7/16	272.01	13.68	258.33	5.0	18.17	5.61	1,532	0.42	271.0	

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Sample ID	Date	Survey Mark Elevation	Depth to Water	Ground Water Elevation	Volume Purged, gal.	Temp.	Field pH	Field EC	Dissolved Oxygen	Oxidation/ Reduction Potential	Turbidity
Method		Surveyed	Probe	Calculated	Measured	Metered	Metered	Metered	Metered	Metered	Metered
Units:		ft. msl	ft	ft. msl	gal	deg C	std units	umhs/cm	mg/L	Mv	NTU
MW2	12/7/16	272.01	12.30	259.71	5.0	18.3	5.75	1,354	0.42	2.5	
MW2	3/8/17	272.01	10.08	261.93	7.0	15.9	5.72	1,611	1.67	200	
MW2	6/15/17	272.01	12.97	259.04	6.0	16.2	5.60	2,016	0.60	180.2	
MW2	9/14/17	272.01	13.87	258.14	5.0	18.4	5.80	1,874	1.22	174.4	
MW2	12/6/17	272.01	13.17	258.84	5.0	18.7	5.76	1,679	0.96	143.7	
MW2	3/9/18	272.01	12.68	259.33	7.0	16.7	5.89	1,881	1.9	60	
MW2	6/15/18	272.01	13.23	258.78	6.0	16.2	5.77	1,854	2.3	213	
MW2	9/17/18	272.01	13.81	258.20	5.5	18.0	5.95	1,942	4.7	228	
MW2	12/17/18	272.01	13.39	258.62	6.0	17.5	6.07	1,500	3.2	229	
MW2	3/18/19	272.01	10.97	261.04	7.0	16.1	5.94	1,333	5.4	220	
MW2	5/13/19	272.01	12.60	259.41	6.0	16.1	5.89	1,415	4.4	215	
MW2	9/16/19	272.01	13.75	258.26	5.5	18.6	5.78	1,675	3.6	48	
MW2	12/16/19	272.01	12.28	259.73	6.5	17.7	5.79	1,421	1.52	254	
MW2	3/16/20	272.01	12.27	259.74	6.5	14.3	5.91	1,519	1.99	252	
MW2	6/16/20	272.01	13.65	258.36	6.5	16.5	5.88	1,500	1.35	252	
MW2	9/14/20	272.01	14.28	257.73	5.5	18.2	5.83	1,569	1.87	247	
MW2	12/15/20	272.01	13.29	258.72	6.0	16.9	5.96	1,527	2.79	239	
MW2	3/17/21	272.01	12.37	259.64	6.5	15.3	6.02	1,153	2.45	245	
MW2	6/22/21	272.01	13.50	258.51	6.0	17.0	5.81	1,181	1.59	188	
MW2	9/21/21	272.01	14.94	257.07	5.0	18.3	5.61	1,253	2.08	239	

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Sample ID	Date	Survey Mark Elevation	Depth to Water	Ground Water Elevation	Volume Purged, gal.	Temp.	Field pH	Field EC	Dissolved Oxygen	Oxidation/ Reduction Potential	Turbidity
Method		Surveyed	Probe	Calculated	Measured	Metered	Metered	Metered	Metered	Metered	Metered
Units:		ft. msl	ft	ft. msl	gal	deg C	std units	umhs/cm	mg/L	Mv	NTU
MW2	12/14/21	272.01	11.43	260.58	7.0	17.3	5.84	669	4.43	274	
MW2	3/16/22	272.01	12.27	259.74	6.5	15.3	5.72	800	1.87	216	
MW2	6/15/22	272.01	13.01	259.00	6.0	17.0	5.52	1,060	1.85	223	
MW2	9/22/22	272.01	14.80	257.21	5.0	18.3	5.61	1,253	2.68	239	
MW2	11/28/22	272.01	14.75	257.26	6.0	18.3	6.30	1370	3.10	228	413
MW2	03/02/23	272.01	11.20	260.81	9.0	15.7	5.96	1327	2.30	157	293
MW2	05/17/23	272.01	13.06	258.95	6.0	16.0	5.89	1490	0.90	171	287

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Sample ID	Date	Survey Mark Elevation	Depth to Water	Ground Water Elevation	Volume Purged, gal.	Temp.	Field pH	Field EC	Dissolved Oxygen	Oxidation/ Reduction Potential	Turbidity
Method		Surveyed	Probe	Calculated	Measured	Metered	Metered	Metered	Metered	Metered	Metered
Units:		ft. msl	ft	ft. msl	gal	deg C	std units	umhs/cm	mg/L	Mv	NTU
MW3	11/30/01	264.86	9.86	255.00							
MW3	3/20/02	264.86	8.86	256.00							
MW3	6/12/02	264.86	10.54	254.32							
MW3	9/17/02	264.86	11.12	253.74							
MW3	12/9/02	264.86	10.26	254.60							
MW3	3/28/03	264.86	9.87	254.99							
MW3	6/17/03	264.86	10.37	254.49							
MW3	10/1/03	264.86	11.19	253.67							
MW3	12/31/03	264.86	9.58	255.28							
MW3	3/31/04	264.86	9.26	255.60							
MW3	6/30/04	264.86	10.74	254.12							
MW3	9/30/04	264.86	11.41	253.45							
MW3	1/3/05	264.86	8.90	255.96							
MW3	4/5/05	264.86	6.72	258.14							
MW3	7/1/05	264.86	9.77	255.09							
MW3	10/21/05	264.86	10.50	254.36							
MW3	3/8/06	264.86	7.54	257.32							
MW3	5/24/06	264.86	8.84	256.02							
MW3	8/23/06	264.86	10.93	253.93							
MW3	11/30/06	264.86	10.51	254.35							
MW3	2/27/07	264.86	8.17	256.69							
MW3	5/31/07	264.86	10.53	254.33							
MW3	8/30/07	264.86	11.16	253.7							
MW3	11/30/07	264.86	10.29	254.57							

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Method		Surveyed	Probe	Calculated	Measured	Metered	Metered	Metered	Metered	Metered	Metered
Units:		ft. msl	ft	ft. msl	gal	deg C	std units	umhs/cm	mg/L	Mv	NTU
MW3	6/30/08	264.86	10.71	254.15							
MW3	9/30/08	264.86	11.35	253.51							
MW3	11/30/08	264.86	10.90	253.96							
MW3	12/31/08	264.86	10.23	254.63							
MW3	3/12/09	264.86	8.60	256.26	5.0	17.5	6.70	475			
MW3	6/17/09	264.86	10.39	254.47	40.0	18.30	6.34	482	2.78	-27.1	
MW3	9/22/09	264.86	11.00	253.86	3.0	18.19	6.58	490	2.88	-2.7	
MW3	12/15/09	264.86	10.13	254.73	10.0	18.22	7.36	510	2.07	11.5	
MW3	3/24/10	264.86	8.95	255.91	11.0	17.64	6.56	555	3.84	-6.1	
MW3	6/23/10	264.86	10.03	254.83	10.0	17.79	6.53	543	3.78	63.7	
MW3	9/24/10	264.86	11.19	253.67	9.0	18.08	6.44	494	2.14	-24.1	
MW3	12/14/10	264.86	9.78	255.08	10.0	18.03	6.72	484	1.40	-28.8	
MW3	3/29/11	264.86	4.23	260.63	13.0	17.47	6.41	505	2.88	-130.9	
MW3	6/23/11	264.86	9.53	255.33	11.0	16.63	6.34	523	1.51	-18.7	
MW3	9/15/11	264.86	10.62	254.24	10.0	17.39	6.60	515	1.11	-82	
MW3	12/13/11	264.86	10.50	254.36	10.0	17.71	5.98	539	1.35	-17.6	
MW3	3/22/12	264.86	9.24	255.62	11.0	16.84	6.01	531	1.66	8.7	
MW3	6/27/12	264.86	10.91	253.95	10.0	16.91	6.12	567	1.83	45.7	
MW3	9/25/12	264.86	11.26	253.60	10.0	17.60	6.23	587	2.74	109.3	
MW3	12/18/12	264.86	9.96	254.90	11.0	17.80	6.51	542	1.55	14.5	
MW3	3/11/13	264.86	10.33	254.53	10.0	17.04	6.38	566	3.35	140.5	
MW3	6/26/13	264.86	11.30	253.56	10.0	17.11	5.42	543	2.24	208.2	
MW3	9/13/13	264.86	11.82	253.04	9.0	17.60	6.07	600	2.99	90.7	
MW3	12/12/13	264.86	11.73	253.13	9.0	17.55	6.41	544	1.52	74.4	

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Method		Surveyed	Probe	Calculated	Measured	Metered	Metered	Metered	Metered	Metered	Metered
Units:		ft. msl	ft	ft. msl	gal	deg C	std units	umhs/cm	mg/L	Mv	NTU
MW3	3/5/14	264.86	9.61	255.25	11.0	17.29	6.81	591	2.54	68.3	
MW3	6/16/14	264.86	11.26	253.60	12.0	17.69	6.62	657	5.47	57.8	
MW3	9/17/14	264.86	12.61	252.25	9.0	17.87	6.44	596	0.09	2.7	
MW3	12/19/14	264.86	9.41	255.45	11.0	17.94	6.57	550	0.67	162.2	
MW3	3/23/15	264.86	9.79	255.07	8.0	17.28	6.35	606	0.08	41.5	
MW3	6/10/15	264.86	10.45	254.41	10.0	17.08	6.37	571	0.17	71.3	
MW3	9/16/15	264.86	12.62	252.24	9.0	17.79	6.44	597	1.27	-32.3	
MW3	12/15/15	264.86	10.51	254.35	13.0	17.94	6.47	574	1.15	43.8	
MW3	3/29/16	264.86	8.40	256.46	11.0	17.11	6.41	566	0.12	63.5	
MW3	6/20/16	264.86	10.67	254.19	13.0	16.90	6.25	599	0.96	28.3	
MW3	9/7/16	264.86	11.84	253.02	12.0	17.63	6.11	635	0.34	180.4	
MW3	12/7/16	264.86	9.94	254.92	11.0	18.0	6.45	591	0.34	-118.3	
MW3	3/7/17	264.86	6.45	258.41	7.0	16.7	6.38	544	0.16	83.7	
MW3	6/15/17	264.86	9.78	255.08	20.0	16.2	6.40	612	2.91	86.1	
MW3	9/14/17	264.86	11.44	253.42	10.0	17.3	6.35	630	1.44	28.6	
MW3	12/6/17	264.86	10.26	254.60	10.0	18.0	6.41	631	0.81	79.4	
MW3	3/9/18	264.86	9.92	254.94	9.0	17.4	6.58	797	1.4	36	
MW3	6/15/18	264.86	10.32	254.54	9.0	16.8	6.52	893	2.0	118	
MW3	9/17/18	264.86	11.39	253.47	8.5	17.3	6.59	913	5.0	131	
MW3	12/17/18	264.86	10.45	254.41	9.0	18.0	6.51	830	1.4	124	
MW3	3/18/19	264.86	7.60	257.26	10.5	17.6	6.51	620	2.5	159	
MW3	5/13/19	264.86	9.60	255.26	9.5	17.4	6.50	740	1.9	126	
MW3	9/16/19	264.86	11.11	253.75	8.5	18.3	6.45	794	3.1	35	
MW3	12/16/19	264.86	9.70	255.16	9.5	18.6	6.45	723	1.55	198	
MW3	3/16/19	264.86	10.51	254.35	9.0	15.6	6.53	750	1.33	231	

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Historical Groundwater Monitoring Data
Castle Oaks Golf Course
City of Ione
R5-1993-0240-002

Sample ID	Date	Survey Mark Elevation	Depth to Water	Ground Water Elevation	Volume Purged, gal.	Temp.	Field pH	Field EC	Dissolved Oxygen	Oxidation/ Reduction Potential	Turbidity
Method		Surveyed	Probe	Calculated	Measured	Metered	Metered	Metered	Metered	Metered	Metered
Units:		ft. msl	ft	ft. msl	gal	deg C	std units	umhs/cm	mg/L	Mv	NTU
MW3	6/16/20	264.86	11.02	253.84	8.5	18.0	6.53	774	1.13	219	
MW3	9/14/20	264.86	12.35	252.51	8.0	18.7	6.55	789	1.68	219	
MW3	12/15/20	264.86	12.99	251.87	8.5	16.5	6.65	804	2.95	218	
MW3	3/17/21	264.86	9.86	255.00	9.0	17.2	6.72	745	2.07	224	
MW3	6/22/21	264.86	11.41	253.45	8.5	18	6.53	729	1.89	183	
MW3	9/21/21	264.86	12.50	252.36	8.0	18.5	6.36	753	1.84	224	
MW3	12/14/21	264.86	9.48	255.38	9.5	17.6	6.60	455	2.67	269	
MW3	3/16/22	264.86	10.05	254.81	9.0	17.2	6.47	524	1.59	211	
MW3	6/15/22	264.86	11.19	253.67	8.5	18.3	6.21	668	1.92	201	
MW3	9/22/22	264.86	12.68	252.18	8.5	18.5	6.36	753	1.84	224	
MW3	11/28/22	264.86	11.86	253.00	9.0	18.6	7.36	724	2.60	192	415
MW3	03/02/23	264.86	7.85	257.01	12.0	16.8	6.76	739	0.70	94	1000+
MW3	05/17/23	264.86	8.70	256.16	9.0	18.6	6.62	705	1.20	106	1000+

DELLAVALLE™
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Historical Groundwater Monitoring Data
Castle Oaks Golf Course
City of Ione
R5-1993-0240-002

Sample ID	Date	Survey Mark Elevation	Depth to Water	Ground Water Elevation	Sample ID	Date	Survey Mark Elevation	Depth to Water	Ground Water Elevation	Sample ID	Date	Survey Mark Elevation	Depth to Water	Ground Water Elevation
Method		Surveyed	Probe	Calculated	Method		Surveyed	Probe	Calculated	Method		Surveyed	Probe	Calculated
Units:		ft. msl	ft	ft. msl	Units:		ft. msl	ft	ft. msl	Units:		ft. msl	ft	ft. msl
P1	**Latitude**	**38.3557**	**Longitude**	**-120.9627**	**P2**	**Latitude**	**38.35629**	**Longitude**	**-120.9663**	**P4**	**Latitude**	**38.35481**	**Longitude**	**-120.9643**
P1	4/4/07	264.80	13.20	251.60	P2	4/4/07	261.55	12.37	249.18	P4	4/4/07	264.41	14.81	249.60
P1	5/18/07	264.80	13.54	251.26	P2	5/18/07	261.55	12.80	248.75	P4	5/18/07	264.41	15.18	249.23
P1	1/13/09	264.80	13.73	251.07	P2	1/13/09	261.55	13.62	247.93	P4	1/13/09	264.41	15.46	248.95
P1	3/11/09	264.80	12.47	252.33	P2	3/11/09	261.55	12.08	249.47	P4	3/11/09	264.41	14.28	250.13
P1	9/22/09	264.80	14.67	250.13	P2	9/22/09	261.55	15.17	246.38	P4	9/22/09	264.41	16.58	247.83
P1	12/15/09	264.80	13.43	251.37	P2	12/15/09	261.55	13.66	247.89	P4	12/15/09	264.41	15.04	249.37
P1	3/24/10	264.80	12.61	252.19	P2	3/24/10	261.55	11.91	249.64	P4	3/24/10	264.41	14.39	250.02
P1	6/23/10	264.80	13.34	251.46	P2	6/23/10	261.55	12.65	248.90	P4	6/23/10	264.41	15.08	249.33
P1	9/24/10	264.80	14.44	250.36	P2	9/24/10	261.55	14.35	247.20	P4	9/24/10	264.41	16.11	248.30
P1	12/13/10	264.80	13.09	251.71	P2	12/13/10	261.55	12.72	248.83	P4	12/13/10	264.41	14.74	249.67
P1	3/29/11	264.80	8.05	256.75	P2	3/29/11	261.55	7.54	254.01	P4	3/29/11	264.41	10.68	253.73
P1	6/22/11	264.80	13.04	251.76	P2	6/22/11	261.55	12.39	249.16	P4	6/22/11	264.41	15.05	249.36
P1	9/13/11	264.80	14.50	250.30	P2	9/13/11	261.55	14.39	247.16	P4	9/13/11	264.41	16.40	248.01
P1	12/12/11	264.80	13.91	250.89	P2	12/12/11	261.55	13.40	248.15	P4	12/12/11	264.41	17.78	246.63
P1	3/20/12	264.80	14.29	250.51	P2	3/20/12	261.55	12.54	249.01	P4	3/20/12	264.41	14.53	249.88
P1	6/25/12	264.80	14.29	250.51	P2	6/25/12	261.55	13.71	247.84	P4	6/25/12	264.41	16.08	248.33
P1	9/25/12	264.80	15.02	249.78	P2	9/25/12	261.55	15.17	246.38	P4	9/25/12	264.41	16.88	247.53
P1	12/17/12	264.80	13.74	251.06	P2	12/17/12	261.55	13.51	248.04	P4	12/17/12	264.41	15.59	248.82
P1	3/11/13	264.80	13.75	251.05	P2	3/11/13	261.55	12.97	248.58	P4	3/11/13	264.41	15.50	248.91
P1	6/26/13	264.80	14.87	249.93	P2	6/26/13	261.55	14.78	246.77	P4	6/26/13	264.41	16.62	247.79
P1	9/11/13	264.80	15.80	249.00	P2	9/11/13	261.55	16.03	245.52	P4	9/11/13	264.41	17.59	246.82
P1	12/10/13	264.80	15.88	248.92	P2	12/10/13	261.55	16.11	245.44	P4	12/10/13	264.41	dry	dry
P1	3/4/14	264.80	13.84	250.96	P2	3/4/14	261.55	14.2	247.35	P4	3/4/14	264.41	15.93	248.48
P1	6/16/14	264.80	15.04	249.76	P2	6/16/14	261.55	14.98	246.57	P4	6/16/14	264.41	16.79	247.62
P1	9/17/14	264.80	17.05	247.75	P2	9/17/14	261.55	dry	dry	P4	9/17/14	264.41	dry	dry
P1	12/17/14	264.80	14.24	250.56	P2	12/17/14	261.55	15.47	246.08	P4	12/17/14	264.41	16.34	248.07
P1	3/23/15	264.80	14.05	250.75	P2	3/23/15	261.55	13.43	248.12	P4	3/23/15	264.41	15.89	248.52
P1	6/10/15	264.80	14.56	250.24	P2	6/10/15	261.55	14.26	247.29	P4	6/10/15	264.41	16.54	247.87
P1	9/16/15	264.80	16.80	248.00	P2	9/16/15	261.55	16.89	244.66	P4	9/16/15	264.41	dry	dry

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Historical Groundwater Monitoring Data
Castle Oaks Golf Course
City of Ione
R5-1993-0240-002

Sample ID	Date	Survey Mark Elevation	Depth to Water	Ground Water Elevation	Sample ID	Date	Survey Mark Elevation	Depth to Water	Ground Water Elevation	Sample ID	Date	Survey Mark Elevation	Depth to Water	Ground Water Elevation
Method		Surveyed	Probe	Calculated	Method		Surveyed	Probe	Calculated	Method		Surveyed	Probe	Calculated
Units:		ft. msl	ft	ft. msl	Units:		ft. msl	ft	ft. msl	Units:		ft. msl	ft	ft. msl
P1	12/15/15	264.80	14.90	249.90	P2	12/15/15	261.55	15.94	245.61	P4	12/15/15	264.41	16.89	247.52
P1	3/29/16	264.80	12.76	252.04	P2	3/29/16	261.55	12.09	249.46	P4	3/29/16	264.41	14.74	249.67
P1	6/20/16	264.80	14.38	250.42	P2	6/20/16	261.55	14.18	247.37	P4	6/20/16	264.41	16.43	247.98
P1	9/7/16	264.80	15.64	249.16	P2	9/7/16	261.55	16.32	245.23	P4	9/7/16	264.41	17.66	246.75
P1	12/7/16	264.80	14.03	250.77	P2	12/7/16	261.55	14.16	247.39	P4	12/7/16	264.41	16.02	248.39
P1	3/8/17	264.80	10.37	254.43	P2	3/8/17	261.55	7.78	253.77	P4	3/8/17	264.41	12.41	252.00
P1	6/13/17	264.80	15.88	248.92	P2	6/13/17	261.55	13.34	248.21	P4	6/13/17	264.41	16.22	248.19
P1	9/12/17	264.80	15.56	249.24	P2	9/12/17	261.55	16.09	245.46	P4	9/12/17	264.41	17.72	246.69
P1	12/4/17	264.80	14.72	250.08	P2	12/4/17	261.55	14.83	246.72	P4	12/4/17	264.41	16.96	247.45
P1	3/9/18	264.80	14.04	250.76	P2	3/9/18	261.55	13.58	247.97	P4	3/9/18	264.41	16.29	248.12
P1	6/14/18	264.80	14.57	250.23	P2	6/14/18	261.55	14.15	247.40	P4	6/14/18	264.41	15.97	248.44
P1	9/17/18	264.80	15.80	249.00	P2	9/17/18	261.55	16.55	245.00	P4	9/17/18	264.41	17.90	246.51
P1	12/17/18	264.80	15.01	249.79	P2	12/17/18	261.55	15.23	246.32	P4	12/17/18	264.41	17.29	247.12
P1	3/18/19	264.80	11.74	253.06	P2	3/18/19	261.55	10.58	250.97	P4	3/18/19	264.41	14.34	250.07
P1	5/10/19	264.80	13.70	251.1	P2	5/10/19	261.55	12.84	248.71	P4	5/10/19	264.41	16.10	248.31
P1	9/15/19	264.80	15.59	249.21	P2	9/15/19	261.55	16.18	245.37	P4	9/15/19	264.41	dry	dry
P1	12/15/19	264.80	14.30	250.50	P2	12/15/19	261.55	14.60	246.95	P4	12/15/19	264.41	16.70	247.71
P1	3/15/19	264.80	14.23	250.57	P2	3/15/19	261.55	14.44	247.11	P4	3/15/19	264.41	16.87	247.54
P1	6/14/20	264.80	14.89	249.91	P2	6/14/20	261.55	14.88	246.67	P4	6/14/20	264.41	17.33	247.08
P1	9/14/20	264.80	16.16	248.64	P2	9/14/20	261.55	16.35	245.20	P4	9/14/20	264.41	dry	dry
P1	12/13/20	264.80	15.39	249.41	P2	12/13/20	261.55	13.62	247.93	P4	12/13/20	264.41	17.80	246.61
P1	3/16/21	264.80	14.38	250.42	P2	3/16/21	261.55	14.24	247.31	P4	3/16/21	264.41	16.81	247.60
P1	6/20/21	264.80	15.00	249.80	P2	6/20/21	261.55	16.00	245.55	P4	6/20/21	264.41	dry	dry
P1	9/21/21	264.80	dry	dry	P2	9/21/21	261.55	dry	dry	P4	9/21/21	264.41	17.93	246.48
P1	12/14/21	264.80	15.27	249.53	P2	12/14/21	261.55	16.13	245.42	P4	12/14/21	264.41	17.68	246.73
P1	3/16/22	264.80	14.60	250.20	P2	3/16/22	261.55	14.28	247.27	P4	3/16/22	264.41	17.03	247.38
P1	6/12/22	264.80	15.45	249.35	P2	6/12/22	261.55	15.56	245.99	P4	6/12/22	264.41	dry	dry
P1	9/24/22	264.80	dry	dry	P2	9/24/22	261.55	dry	dry	P4	9/24/22	264.41	dry	dry
P1	11/28/22	264.80	dry	dry	P2	11/28/22	261.55	dry	dry	P4	11/28/22	264.41	dry	dry
P1	3/2/23	264.80	12.59	252.21	P2	3/2/23	261.55	12.07	249.48	P4	3/2/23	264.41	14.95	249.46
P1	5/17/23	264.80	13.90	250.90	P2	5/17/23	261.55	12.97	248.58	P4	5/17/23	264.41	15.49	248.92

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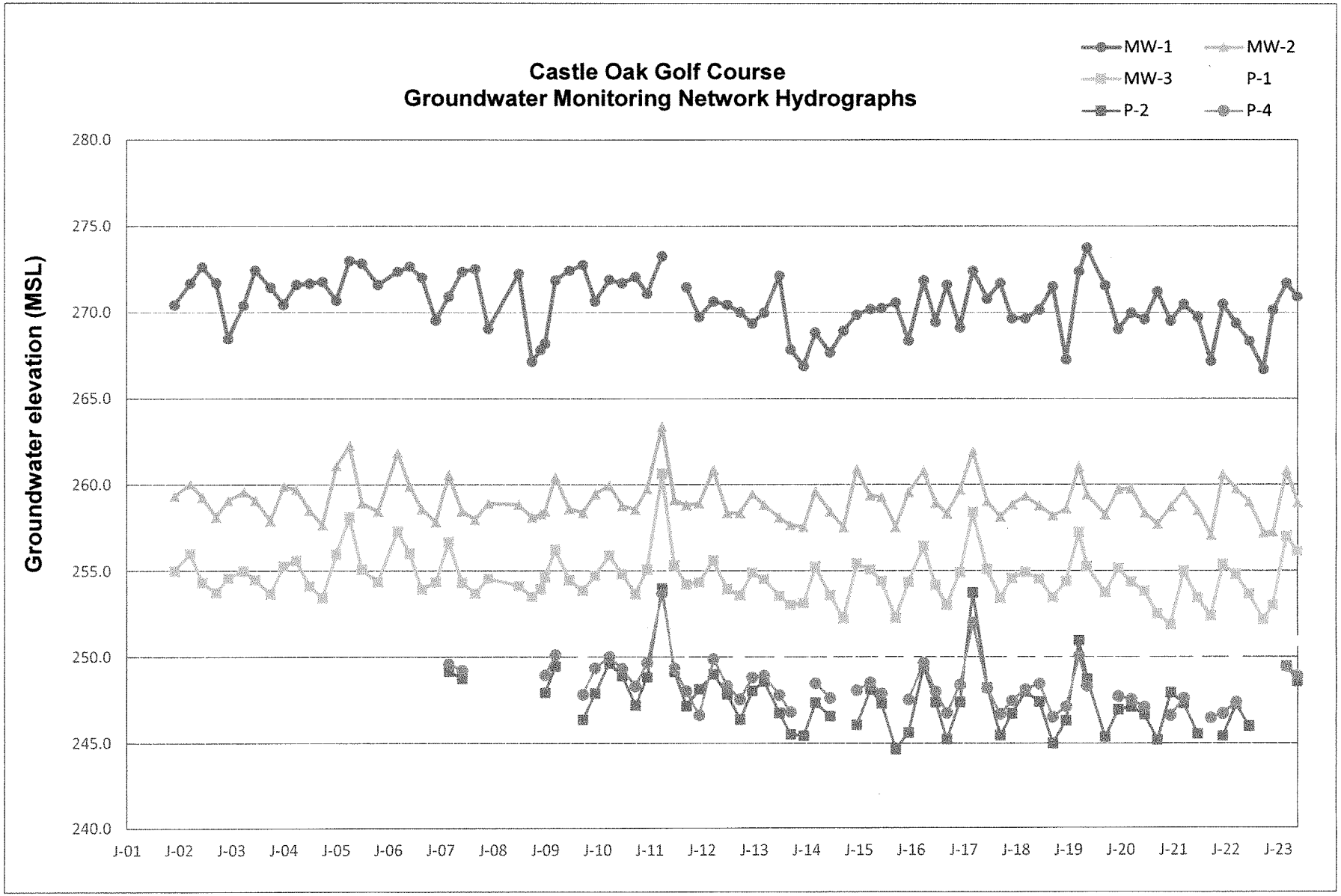

Attachment 3
Field Records

DELLAVALLE™
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DELLAVALLE™
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MONITORING WELL FIELD LOG

PROJECT SUMMARY – CO MW 1

SAMPLING DATE	PROJECT NAME	PROJECT ADDRESS	SITE CONTACT	PROJECT MANAGER
5/17/2023	Castle Oak Golf Course Monitoring Well Network	Ione, CA	Todd Waklee	Lisa Rubin

SITE OVERVIEW

LOCATION	MONUMENT WELL CASING	DIAMETER OF CASING/GALLONS PER FOOT DEPTH	DEPTH OF WELL (FT)	DEPTH OF PUMP (FT)	DEPTH TO WATER (FT)	STANDING WATER COLUMN (FT)
Lat: 38.363526 Long: -120.950034	Flush/PVC	2 inches / 0.1632	17.21	15	9.38	7.83

METHOD OVERVIEW

CALCULATED PURGE VOLUME (GALLON)	PURGE AND SAMPLING METHOD	SAMPLER	SAMPLE TIME	DEPTH TO WATER AT SAMPLING TIME (FT)	ANALYSIS PERFORMED	LAB ANALYSIS
1.28	Waterra Inertial Pump	Del-Tech Ashley Putnam	9:49	9.40	See Chain of Custody	Dellavalle Laboratory, Inc.

FIELD SUMMARY

TIME	ACTUAL VOLUME PURGED (GAL)	PUMP RATE (GPM)	PH (UNITS)	EC (µS/CM)	TEMP (CELSIUS)	O.R.P (MVOLTS)	TURBIDITY (N.T.U)	DO (PPM)	COLOR	ODOR
9:39	0	0.5	6.42	502	20.2	167	133	2.4		
9:42	1.5	0.5	6.68	502	19.6	151	96	0.9		
9:45	1.5	0.5	6.73	499	18.8	148	91	1.6		
9:48	1.5	0.5	6.79	499	18.8	147	73	1.4	brown	none
					sampled					

MONITORING WELL FIELD LOG

PROJECT SUMMARY – CO MW 2

SAMPLING DATE	PROJECT NAME	PROJECT ADDRESS	SITE CONTACT	PROJECT MANAGER
5/17/2023	Castle Oak Golf Course Monitoring Well Network	Ione, CA	Todd Waklee	Lisa Rubin

SITE OVERVIEW

LOCATION	MONUMENT WELL CASING	DIAMETER OF CASING/GALLONS PER FOOT DEPTH	DEPTH OF WELL (FT)	DEPTH OF PUMP (FT)	DEPTH TO WATER (FT)	STANDING WATER COLUMN (FT)
Lat: 38.354154 Long: -120.954648	Post/PVC	2 inches / 0.1632	24.83	22	13.06	11.77

METHOD OVERVIEW

CALCULATED PURGE VOLUME (GALLON)	PURGE AND SAMPLING METHOD	SAMPLER	SAMPLE TIME	DEPTH TO WATER AT SAMPLING TIME (FT)	ANALYSIS PERFORMED	LAB ANALYSIS
1.92	Waterra Inertial Pump	Del-Tech Ashley Putnam	10:32	13.27	See Chain of Custody	Dellavalle Laboratory, Inc.

FIELD SUMMARY

TIME	ACTUAL VOLUME PURGED (GAL)	PUMP RATE (GPM)	PH (UNITS)	EC (µS/CM)	TEMP (CELSIUS)	O.R.P (MVOLTS)	TURBIDITY (N.T.U)	DO (PPM)	COLOR	ODOR
10:19	0	0.5	6.51	1461	18.0	213	679	1.6		
10:23	2	0.5	6.05	1473	16.7	175	473	0.7		
10:27	2	0.5	5.93	1485	16.2	170	327	0.9		
10:31	2	0.5	5.89	1490	16.0	171	287	0.9	brownish gray	none
						sampled				

MONITORING WELL FIELD LOG

PROJECT SUMMARY – CO MW 3

SAMPLING DATE	PROJECT NAME	PROJECT ADDRESS	SITE CONTACT	PROJECT MANAGER
5/17/2023	Castle Oak Golf Course Monitoring Well Network	Ione, CA	Todd Waklee	Lisa Rubin

SITE OVERVIEW

LOCATION	MONUMENT WELL CASING	DIAMETER OF CASING/GALLONS PER FOOT DEPTH	DEPTH OF WELL (FT)	DEPTH OF PUMP (FT)	DEPTH TO WATER (FT)	STANDING WATER COLUMN (FT)
Lat: 38.356405 Long: -120.960409	Post/PVC	2 inches / 0.1632	28.09	26	8.70	19.39

METHOD OVERVIEW

CALCULATED PURGE VOLUME (GALLON)	PURGE AND SAMPLING METHOD	SAMPLER	SAMPLE TIME	DEPTH TO WATER AT SAMPLING TIME (FT)	ANALYSIS PERFORMED	LAB ANALYSIS
3.16	Waterra Inertial Pump	Del-Tech Ashley Putnam	11:00	15.00	See Chain of Custody	Dellavalle Laboratory, Inc.

FIELD SUMMARY

TIME	ACTUAL VOLUME PURGED (GAL)	PUMP RATE (GPM)	PH (UNITS)	EC (µS/CM)	TEMP (CELSIUS)	O.R.P (MVOLTS)	TURBIDITY (N.T.U)	DO (PPM)	COLOR	ODOR
10:50	0	1.0	6.39	747	19.3	135	1000+	1.2		
10:53	3	1.0	6.63	745	18.3	112	1000+	1.1		
10:56	3	1.0	6.65	736	18.2	113	1000+	1.3		
10:59	3	1.0	6.62	705	18.6	106	1000+	1.2	brown	none
						sampled				

NOTES

WELL INSPECTION REPORT(S)	WEATHER	QUALITY CONTROL AND CONTAINMENT
Slow recharge in MW-3	55-71 degrees Fahrenheit. Clear with winds 1-2 mph	All measurements are made from the north side and top edge of the well casing. Dedicated purge tubing and water purged to the ground. Pump cleaned as necessary.

INSTRUMENTATION

TYPE OF INSTRUMENTATION	MANUFACTURER	SERIAL NO.
6P Multi Meter	Myron L Company	6223581
Turbidity Meter	Oakton	98703
Dissolved Oxygen Meter	Milwaukee	2290134991
D.T.W Meter	Heron Instruments, Inc.	I2FF2102146EC

CALIBRATIONS

TYPE OF INSTRUMENT	DATE	STANDARD MEASUREMENTS	PRE-CALIBRATED READING	CALIBRATED READING
pH Meter	5/17/2023	4 units	4.00	4.00
		7 units	6.98	7.00
		10 units	10.02	10.00
Electrical Conductivity	5/17/2023	1413 µS/cm	1420	1413
Turbidity	5/17/2023	20 NTU	20	20
Dissolved Oxygen	5/17/2023	100 %	100	100

Note: Upon completing the initial readings of the instruments, the instruments are adjusted to the calibration standard solutions that are being used at the time and at the current ambient temperature.

Attachment 4
Historical Water Quality Data and Graphs

DELLAVALLE™
LABORATORY INC

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website: dellavallelab.com

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Historical Groundwater Quality Data
Castle Oaks Golf Course
City of Ione
R5-1993-0240-002

Sample ID	Date	Total Coliform Bacteria (TCO)	Fecal Coliform Bacteria (FCO)	Nitrate as N (NO_3-N)	Ammonia as N (NH_4-N)	pH	EC	Total Dissolved Solids (TDS)	VOC	Dissolved Arsenic	Dissolved Iron	Dissolved Manganese	Chloride	Total Sodium	Total Arsenic	Total Iron	Total Manganese	TOC
Method/Analysis		SM 9221 B	SM 9221 E	EPA 300.0	SM 4500	SM 4500-H+	SM 2510 B	SM 2540 C	EPA 524.2	EPA 200.8	EPA 200.7	EPA 200.7	EPA 300.0	EPA 200.7	EPA 200.8	EPA 200.7	EPA 200.7	SM 5310 B
Units		MPN/100ml	MPN/100ml	mg/L	mg/L	units	umhs/cm	mg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MCL		**2.2**	**2.2**	**10**			**900-1600**	**500**		**0.010**	**0.3**	**0.05**	**250**		**0.010**	**0.3**	**0.05**	
MW1	11/30/01	4																
MW1	3/20/02	8		3.5	ND			353										
MW1	6/12/02	4		3.8	ND			342										
MW1	9/17/02	ND		0.5	ND			337										
MW1	12/9/02	ND		2.4	ND			384										
MW1	3/28/03	17		2.6	ND			381										
MW1	6/17/03	ND		8.9	ND			392										
MW1	10/1/03	2	ND	2.0	ND			332										
MW1	12/31/03	ND	ND	2.3	ND			370										
MW1	3/31/04	ND	ND	6.2	ND			370								0.41	0.02	
MW1	6/30/04	ND	ND	3.2	ND			335								0.25	ND	
MW1	9/30/04	ND	ND	1.2	ND			282								0.26	ND	
MW1	1/3/05	ND	ND	4.3	ND			332			ND	ND			0.0036	11.0	0.18	ND
MW1	4/5/05	2	ND	20.0	ND			405			ND	ND			ND	ND	ND	NM
MW1	7/1/05	2	ND	4.7	ND			344			ND	ND			ND	ND	ND	NM
MW1	10/21/05	2	ND	1.2	ND			317			ND	ND			ND	ND	ND	1.3
MW1	3/8/06	4	ND	8.0	ND			354			ND	ND			ND	ND	ND	0.84
MW1	5/30/06	ND	ND	7.2	ND			359			ND	ND			ND	0.139	ND	1.4
MW1	8/30/06	ND	ND	2.5	ND			300			ND	ND	47	34	ND	ND	ND	0.68
MW1	12/8/06	ND	ND	4.1	ND			411			ND	ND	51	27	0.0048	4.6	0.17	0.39
MW1	3/8/07	ND	ND	4.6	ND			382			ND	ND	51	26.9	ND	ND	ND	0.91

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Sample ID	Date	Total Coliform Bacteria (TCO)	Fecal Coliform Bacteria (FCO)	Nitrate as N (NO_3-N)	Ammonia as N (NH_4-N)	pH	EC	Total Dissolved Solids (TDS)	VOC	Dissolved Arsenic	Dissolved Iron	Dissolved Manganese	Chloride	Total Sodium	Total Arsenic	Total Iron	Total Manganese	TOC
Method/Analysis		SM 9221 B	SM 9221 E	EPA 300.0	SM 4500	SM 4500-H+	SM 2510 B	SM 2540 C	EPA 524.2	EPA 200.8	EPA 200.7	EPA 200.7	EPA 300.0	EPA 200.7	EPA 200.8	EPA 200.7	EPA 200.7	SM 5310 B
Units		MPN/100ml	MPN/100ml	mg/L	mg/L	units	umhs/cm	mg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MCL		**2.2**	**2.2**	**10**			**900-1600**	**500**		**0.010**	**0.3**	**0.05**	**250**		**0.010**	**0.3**	**0.05**	
MW1	6/19/07	ND	ND	5.6	ND			377			ND	ND	46	37	ND	0.085	ND	0.72
MW1	9/27/07	ND	ND	3.2	ND			363			ND	ND	72	36	ND	ND	ND	0.98
MW1	12/13/07	ND	ND	4.4	ND			439			ND	ND			0.0043	12.4	0.24	0.61
MW1	6/30/08	ND	ND	5.8	ND			357			ND	ND	78	34	ND	0.490	0.095	0.82
MW1	11/30/08	ND	ND	5.2	ND			385			ND	ND	58	27	0.055	13.60	0.205	0.62
MW1	12/31/08	ND	ND	5.4	ND			374			ND	ND	60	27	0.003	9.98	0.142	0.29
MW1	3/12/09	14	ND	7.6	ND			376			ND	ND	60	27	ND	0.173	ND	0.50
MW1	6/17/09	ND	ND	7.1	0.04			370		ND	ND	0.024	72	32				0.63
MW1	9/22/09	ND	ND	5.7	0.025			340		ND	ND	ND						
MW1	12/15/09	ND	ND	6.0	ND			360		ND	ND	ND						
MW1	3/24/10	14	ND	6.9	0 049			380		ND	0.076	0.0042						
MW1	6/23/10	4	ND	6.3	ND			380		ND	0.022	0.0038						
MW1	9/24/10	280	ND	3.8	ND			420		ND	0.047	0.0030						
MW1	12/14/10	2.0		5.0	ND			360		ND	ND	0.0013						
MW1	3/29/11	23		11.0	0.059			360		ND	0.084	0.0019						
MW1	6/22/11	Bent closed unable to sample																
MW1	9/15/11	30		5.9	ND			410		ND	0.0054	ND						
MW1	12/13/11	80	ND	5.7	ND			390		0.0089	0.0057	ND						
MW1	3/22/12	ND		6.2	ND			350		ND	0.0220	0.0011						
MW1	6/27/12	8.0	ND	5.7	ND			390		ND	0.0067	ND						
MW1	9/25/12	ND		5.4	ND			370		ND	ND	0.0031						

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Sample ID	Date	Total Coliform Bacteria (TCO)	Fecal Coliform Bacteria (FCO)	Nitrate as N (NO_3-N)	Ammonia as N (NH_4-N)	pH	EC	Total Dissolved Solids (TDS)	VOC	Dissolved Arsenic	Dissolved Iron	Dissolved Manganese	Chloride	Total Sodium	Total Arsenic	Total Iron	Total Manganese	TOC
Method/Analysis		SM 9221 B	SM 9221 E	EPA 300.0	SM 4500	SM 4500-H+	SM 2510 B	SM 2540 C	EPA 524.2	EPA 200.8	EPA 200.7	EPA 200.7	EPA 300 0	EPA 200.7	EPA 200.8	EPA 200.7	EPA 200.7	SM 5310 B
Units		MPN/100ml	MPN/100ml	mg/L	mg/L	units	umhs/cm	mg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MCL		**2.2**	**2.2**	**10**			**900-1600**	**500**		**0.010**	**0.3**	**0.05**	**250**		**0.010**	**0.3**	**0.05**	
MW1	12/18/12	ND		5.6	ND			320		ND	ND	ND						
MW1	3/11/13	33		5.5	ND			360		ND	0.039	ND						
MW1	6/26/13	22		5.4	0.025			300		ND	0.220	0.016						
MW1	9/13/13	50		6.2	0.019			350		ND	0.520	0.099						
MW1	12/12/13	4.0		6.3	0.061			360		ND	0.036	0.033						
MW1	3/5/14	> 1600		5.5	0.029			260		ND	1.300	0.110						
MW1	6/16/14	ND		7.1	ND			360		0.0130	ND	0.011						
MW1	9/17/14	23		5.4	ND			340		ND	0.088	0.0042						
MW1	12/19/14	50		4.3	ND			330		ND	ND	ND						
MW1	3/23/15	ND		7.1	ND			420		ND	ND	ND						
MW1	6/10/15	ND		6.9	ND			440		ND	ND	ND						
MW1	9/16/15	2.0		4.0	ND			380		0.00078	ND	ND						
MW1	12/15/15	13		5.0	ND			410		0.00043	ND	ND						
MW1	3/29/16	ND		14.0	ND			480		ND	ND	ND						
MW1	6/20/16	1.8		7.3	0.025			420		0.00038	0.030	0.0040						
MW1	9/7/16	2.0		6.7	ND			380		ND	ND	0.010						
MW1	12/7/16	ND		6.2	ND			360		ND	0.140	0.011						
MW1	3/8/17	2.0		19.0	ND			410		ND	ND	0.00025						
MW1	6/15/17	ND		9.9	0.098			440		ND	ND	0.00060						
MW1	9/14/17	ND		5.8	ND			370		0.00099	ND	0.00023						

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Sample ID	Date	Total Coliform Bacteria (TCO)	Fecal Coliform Bacteria (FCO)	Nitrate as N (NO_3-N)	Ammonia as N (NH_4-N)	pH	EC	Total Dissolved Solids (TDS)	VOC	Dissolved Arsenic	Dissolved Iron	Dissolved Manganese	Chloride	Total Sodium	Total Arsenic	Total Iron	Total Manganese	TOC
Method/Analysis		SM 9221 B	SM 9221 E	EPA 300.0	SM 4500	SM 4500-H+	SM 2510 B	SM 2540 C	EPA 524.2	EPA 200.8	EPA 200.7	EPA 200 7	EPA 300.0	EPA 200.7	EPA 200 8	EPA 200.7	EPA 200.7	SM 5310 B
Units		MPN/100ml	MPN/100ml	mg/L	mg/L	units	umhs/cm	mg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MCL		**2.2**	**2.2**	**10**			**900-1600**	**500**		**0.010**	**0.3**	**0.05**	**250**		**0.010**	**0.3**	**0.05**	
MW1	12/6/17	2.0		7.1	0.028			360		ND	ND	0.00042						
MW1	3/9/18	8		7.9	0.024			360		0.00040	ND	0.0028						
MW1	6/15/18	220		7.5	0.025			440		ND	ND	0.00048						
MW1	9/17/18	920		7.0	0.075			350		0.00043	ND	0.016						
MW1	12/17/18	49		7.0	0.23			390		ND	ND	0.00089						
MW1	3/18/19	920		9.9	ND			380		0.00039	ND	0.0037						
MW1	5/13/19	920		8.5	0.11			370		ND	0.036	0.0021						
MW1	9/16/19	350		4.0	0.096			330		0.00046	0.14	0.0040						
MW1	12/16/19	920		7.1	ND			300		0.00074	ND	0.0120						
MW1	3/16/19	920		14.0	0.072			270		ND	0.11	0.0043						
MW1	6/16/20	920		6.8	0.080			350		ND	0.048	0.018						
MW1	9/14/20	240		7.0	0.081			370		0.00058	ND	0.053						
MW1	12/15/20	9.3		6.6	0.089			290		0.00040	ND	0.017						
MW1	3/17/21	34		6.6	0.086			340		ND	ND	0.019						
MW1	6/22/21	ND		6.5	0.087			370		0.00003	ND	0.007						
MW1	9/21/21	79		7.5	0.087			350		0.00073	ND	0.0085						
MW1	12/14/21	920		8.9	ND			220		0.00047	0.049	0.033						
MW1	3/16/22	17		7.3	0.074			310		ND	ND	0.0010						
MW1	6/15/22	ND		8.0	0.11			380		ND	ND	0.0029						

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Sample ID	Date	Total Coliform Bacteria (TCO)	Fecal Coliform Bacteria (FCO)	Nitrate as N (NO_3-N)	Ammonia as N (NH_3-N)	pH	EC	Total Dissolved Solids (TDS)	VOC	Dissolved Arsenic	Dissolved Iron	Dissolved Manganese	Chloride	Total Sodium	Total Arsenic	Total Iron	Total Manganese	TOC
Method/Analysis		SM 9221 B	SM 9221 E	EPA 300.0	SM 4500	SM 4500-H+	SM 2510 B	SM 2540 C	EPA 524.2	EPA 200.8	EPA 200.7	EPA 200.7	EPA 300 0	EPA 200.7	EPA 200.8	EPA 200.7	EPA 200.7	SM 5310 B
Units		MPN/100ml	MPN/100ml	mg/L	mg/L	units	umhs/cm	mg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MCL		**2.2**	**2.2**	**10**			**900-1600**	**500**		**0.010**	**0.3**	**0.05**	**250**		**0.010**	**0.3**	**0.05**	
MW1	9/22/22	350		9 0	ND			370		0.00077	ND	0.0044						
MW1	11/28/22	1.1		6.8	ND	7.0	751	337		ND	ND	ND						
MW1	3/2/23	17		10.7	ND	6.8	574	347	ND	ND	ND	ND						
MW1	5/17/23	<1.8		7.7	ND	6.9	585	310	ND	ND	ND	ND						

NM - Not Measured
ND - Not Detected

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Sample ID	Date	Total Coliform Bacteria (TCO)	Fecal Coliform Bacteria (FCO)	Nitrate as N (NO_3-N)	Ammonia as N (NH_4-N)	pH	EC	Total Dissolved Solids (TDS)	VOC	Dissolved Arsenic	Dissolved Iron	Dissolved Manganese	Chloride	Total Sodium	Total Arsenic	Total Iron	Total Manganese	TOC
Method/Analysis		SM 9221 B	SM 9221 E	EPA 300.0	SM 4500	SM 4500-H+	SM 2510 B	SM 2540 C	EPA 524.2	EPA 200.8	EPA 200.7	EPA 200.7	EPA 300.0	EPA 200.7	EPA 200.8	EPA 200.7	EPA 200.7	SM 5310 B
Units		MPN/100ml	MPN/100ml	mg/L	mg/L	units	umhs/cm	mg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MCL		**2.2**	**2.2**	**10**			**900-1600**	**500**		**0.010**	**0.3**	**0.05**	**250**		**0.010**	**0.3**	**0.05**	
MW2	11/30/01	ND																
MW2	3/20/02	ND		1.20	ND			901										
MW2	6/12/02	ND		0.70	ND			984										
MW2	9/17/02	ND		0.62	ND			1060										
MW2	12/9/02	ND		0.36	ND			1090										
MW2	3/28/03	ND		0.80	ND			832										
MW2	6/17/03	> 2400		0.85	ND			942										
MW2	10/1/03	2	ND	0.29	ND			1040										
MW2	12/31/03	2	ND	0.20	ND			829										
MW2	3/31/04	ND	ND	0.59	ND			800								0.37	0.03	
MW2	6/30/04	ND	ND	0.66	ND			938								0.16	ND	
MW2	9/30/04	ND	ND	0.46	ND			1010								0.23	ND	
MW2	1/3/05	2	ND	0.43	ND			833			0.060	ND			ND	0.25	ND	1.7
MW2	4/5/05	2	ND	4.30	ND			912			ND	ND			ND	0.07	ND	
MW2	7/1/05	ND	ND	13.00	ND			1190			ND	ND			ND	0.06	ND	
MW2	10/21/05	ND	ND	4.20	ND			1700			ND	0.030			ND	ND	ND	4.4
MW2	3/8/06	ND	ND	6.90	ND			1190			ND	0.020			ND	1.44	0.02	3.5
MW2	5/30/06	ND	ND	7.00	ND			977			ND	ND			ND	0.232	0.020	2.3
MW2	8/23/06	ND	ND	6.30	ND			1250			ND	0.021	160	87	ND	0.1	0.025	4.0
MW2	12/8/06	ND	ND	1.80	ND			1360			ND	0.020	175	82	ND	ND	0.025	2.7
MW2	3/8/07	ND	ND	1.00	ND			1370			ND	ND	177	81	ND	ND	ND	2.9
MW2	6/19/07	ND	ND	0.31	ND			1250			ND	0.009	154	91	ND	ND	0.0095	2.8
MW2	9/27/07	ND	ND	0.19	ND			1140			ND	0.013	155	100	ND	0.025	0.012	2.6
MW2	12/13/07	ND	ND	0.16	ND			1030			0.052	0.014			ND	0.2	0.017	2.0
MW2	6/30/08	ND	ND	0.10	ND			1020			ND	0.016	135	88	ND	0.12	0.018	2.4

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Method/Analysis		SM 9221 B	SM 9221 E	EPA 300.0	SM 4500	SM 4500-H+	SM 2510 B	SM 2540 C	EPA 524.2	EPA 200.8	EPA 200.7	EPA 200.7	EPA 300.0	EPA 200.7	EPA 200.8	EPA 200.7	EPA 200.7	SM 5310 B
Units:		MPN/100ml	MPN/100ml	mg/L	mg/L	units	umhs/cm	mg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MCL		**2.2**	**2.2**	**10**			**900-1600**	**500**		**0.010**	**0.3**	**0.05**	**250**		**0.010**	**0.3**	**0.05**	
MW2	11/30/08	ND	ND	0.08	ND			1,010			0.022	0.018	142	90	ND	0.056	0.018	2.4
MW2	12/31/08	ND	17	0.16	ND			969			ND	0.021	134	92	0.0024	8.74	0.093	1.7
MW2	3/12/09	ND	ND	0.14	ND			947			0.053	0.018	156	81	ND	0.506	0.020	1.9
MW2	6/17/09	ND	ND	0.19	0.027			1100		ND	0.053	0.028	160	83				1.8
MW2	9/22/09	ND	ND	0.10	ND			1100		0.020	0.190	0.036						
MW2	12/15/09	ND	ND	0.17	0.029			870		ND	0.300	0.034						
MW2	3/24/10	ND	ND	0.16	0.034			920		ND	0.110	0.029						
MW2	6/23/10	900	240	0.26	ND			1100		ND	0.087	0.029						
MW2	9/24/10	> 1600	2	0.32	ND			1300		ND	0.16	0.033						
MW2	12/14/10	> 1600		0.06	ND			940		ND	0.31	0.032						
MW2	3/29/11	ND		0.58	ND			1100		ND	0.029	0.037						
MW2	6/23/11	500		2.50	ND			1100		ND	ND	0.036						
MW2	9/15/11	ND		0.25	ND			1200		ND	ND	0.033						
MW2	12/13/11	40	ND	0.18	ND			980		0.013	0.0170	0.034						
MW2	3/22/12	17		0.27	ND			810		0.0089	0.0220	0.027						
MW2	6/27/12	4.0	ND	0.19	0.025			1100		ND	ND	0.034						
MW2	9/25/12	11		0.13	ND			1100		ND	0.130	0.035						
MW2	12/18/12	ND		0.09	ND			830		ND	0.120	0.033						
MW2	3/11/13	ND		0.13	ND			960		ND	0.076	0.036						
MW2	6/26/13	26		0.07	0.11			1000		0.0096	0.430	0.031						
MW2	9/13/13	ND		0.12	ND			1000		ND	0.290	0.024						
MW2	12/12/13	ND		0.21	0.039			960		ND	1.100	0.095						
MW2	3/5/14	ND		0.11	0.034			770		0.013	0.044	0.011						
MW2	6/16/14	ND		0.15	ND			980		0.018	ND	0.0091						
MW2	9/17/14	ND		0.14	ND			820		ND	0.059	0.019						

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Method/Analysis		SM 9221 B	SM 9221 E	EPA 300 0	SM 4500	SM 4500-H+	SM 2510 B	SM 2540 C	EPA 524.2	EPA 200.8	EPA 200.7	EPA 200.7	EPA 300 0	EPA 200.7	EPA 200.8	EPA 200.7	EPA 200.7	SM 5310 B
Units		MPN/100ml	MPN/100ml	mg/L	mg/L	units	umhs/cm	mg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MCL		**2.2**	**2.2**	**10**			**900-1600**	**500**		**0.010**	**0.3**	**0.05**	**250**		**0.010**	**0.3**	**0.05**	
MW2	12/19/14	ND		0.14	ND			600		ND	ND	0.011						
MW2	3/23/15	4.0		0.08	ND			840		ND	ND	0.014						
MW2	6/10/15	ND		0.09	ND			900		0.00059	ND	0.020						
MW2	9/16/15	ND		0.11	ND			920		0.00065	ND	0.022						
MW2	12/15/15	ND		0.06	ND			960		0.00052	ND	0.0044						
MW2	3/29/16	170		0.34	ND			940		ND	ND	0.014						
MW2	6/20/16	ND		0.30	1.2			1000		ND	ND	0.015						
MW2	9/7/16	ND		0.21	0.033			1000		ND	ND	0.023						
MW2	12/7/16	ND		0.21	ND			960		0.00044	ND	0.033						
MW2	3/8/17	ND		1.30	ND			1100		ND	ND	0.0070						
MW2	6/15/17	ND		5.90	0.083			1500		0.00087	ND	0.019						
MW2	9/14/17	ND		0.98	ND			1400		0.0010	ND	0.029						
MW2	12/6/17	13		0.65	0.057			1100		0.00057	ND	0.034						
MW2	3/9/18	5		0.65	0.057			1100		0.00057	ND	0.034						
MW2	6/15/18	650		0.46	0.028			1200		ND	ND	0.024						
MW2	9/17/18	79		0.10	0.092			1200		0.00078	0.084	0.023						
MW2	12/17/18	7.8		0.12	0.10			920		0.00038	ND	0.024						
MW2	3/18/19	170		0.92	ND			960		0.00043	ND	0.011						
MW2	5/13/19	240		2.60	0.071			980		ND	0.20	0.018						
MW2	9/16/19	920		0.40	0.10			1100		ND	ND	0.023						
MW2	12/16/19	540		0.41	ND			960		0.00073	0.068	0.035						
MW2	3/16/20	8.2		0.24	ND			1100		ND	0.075	0.032						
MW2	6/16/20	350		4.00	ND			1000		ND	0.074	0.048						
MW2	9/14/20	280		0.26	0.079			1100		ND	ND	0.022						
MW2	12/15/20	20		0.13	0.039			1100		ND	ND	0.022						

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Historical Groundwater Quality Data
Castle Oaks Golf Course
City of Ione
R5-1993-0240-002

Sample ID	Date	Total Coliform Bacteria (TCO)	Fecal Coliform Bacteria (FCO)	Nitrate as N (NO_3-N)	Ammonia as N (NH_4-N)	pH	EC	Total Dissolved Solids (TDS)	VOC	Dissolved Arsenic	Dissolved Iron	Dissolved Manganese	Chloride	Total Sodium	Total Arsenic	Total Iron	Total Manganese	TOC
Method/Analysis		SM 9221 B	SM 9221 E	EPA 300.0	SM 4500	SM 4500-H+	SM 2510 B	SM 2540 C	EPA 524.2	EPA 200.8	EPA 200.7	EPA 200.7	EPA 300.0	EPA 200.7	EPA 200.8	EPA 200.7	EPA 200.7	SM 5310 B
Units		MPN/100ml	MPN/100ml	mg/L	mg/L	units	umhs/cm	mg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MCL		**2.2**	**2.2**	**10**			**900-1600**	**500**		**0.010**	**0.3**	**0.05**	**250**		**0.010**	**0.3**	**0.05**	
MW2	3/17/21	130		0.20	0.070			860		ND	ND	0.034						
MW2	6/22/21	240		0.16	0.11			920		0.00057	ND	0.029						
MW2	9/21/21	170		0.51	0.63			880		ND	ND	0.024						
MW2	12/14/21	350		0.47	ND			680		0.00062	ND	0.0038						
MW2	3/16/22	26		0.46	0.068			750		ND	ND	0.0056						
MW2	6/15/22	33		0.38	0.11			870		ND	ND	0.023						
MW2	9/22/22	NM		0.33	0.07			920		0.00069	ND	0.016						
MW2	11/28/22	ND		0.30	ND	6.3	1440	890		ND	ND	ND						
MW2	03/02/23	ND		1.90	ND	6.0	1430	850	ND	ND	ND	ND						
MW2	05/17/23	<1.8		3.40	ND	5.9	1740	923	ND	ND	ND	ND						

NM - Not Measured

ND - Not Detected

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Historical Groundwater Quality Data
Castle Oaks Golf Course
City of Ione
R5-1993-0240-002

Sample ID	Date	Total Coliform Bacteria (TCO)	Fecal Coliform Bacteria (FCO)	Nitrate as N (NO_3-N)	Ammonia as N (NH_4-N)	pH	EC	Total Dissolved Solids (TDS)	VOC	Dissolved Arsenic	Dissolved Iron	Dissolved Manganese	Chloride	Total Sodium	Total Arsenic	Total Iron	Total Manganese	TOC
Method/Analysis		SM 9221 B	SM 9221 E	EPA 300 0	SM 4500	SM 4500-H+	SM 2510 B	SM 2540 C	EPA 524.2	EPA 200.8	EPA 200.7	EPA 200.7	EPA 300.0	EPA 200.7	EPA 200.8	EPA 200.7	EPA 200.7	SM 5310 B
Units		MPN/100ml	MPN/100ml	mg/L	mg/L	units	umhs/cm	mg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MCL		**2.2**	**2.2**	**10**			**900-1600**	**500**		**0.010**	**0.3**	**0.05**	**250**		**0.010**	**0.3**	**0.05**	
MW3	11/30/01	ND																
MW3	3/20/02	ND		0.15	ND			350										
MW3	6/12/02	ND		ND	ND			307										
MW3	9/17/02	ND		ND	ND			297										
MW3	12/9/02	ND		0.20	ND			289										
MW3	3/28/03	ND		0.12	ND			219										
MW3	6/17/03	ND		0.17	ND			280										
MW3	10/1/03	ND	ND	0.06	ND			278										
MW3	12/31/03	ND	ND	0.07	ND			358										
MW3	3/31/04	ND	ND	0.15	ND			290								15.8	0.18	
MW3	6/30/04	ND	ND	0.07	ND			283								22.8	0.13	
MW3	9/30/04	ND	ND	ND	ND			259								11.0	0.13	
MW3	1/3/05	ND	ND	0.20	ND			232			3.07	0.120			0.0089	8.1	0.12	3.8
MW3	4/5/05	ND	ND	0.21	ND			291			1.95	0.120			0.014	3.88	0.12	
MW3	7/1/05	ND	ND	ND	ND			292			1.21	0.130			0.017	6.22	0.16	
MW3	10/21/05	> 2400	ND	0.09	ND			249			4.70	0.130			0.011	9.20	0.13	6.1
MW3	3/8/06	ND	ND	0.11	ND			290			2.30	0.130			0.0074	2.3	0.14	2.8
MW3	5/24/06	ND	ND	ND	ND			306			1.03	0.099			0.026	48.2	0.192	4.4
MW3	8/23/06	ND	ND	ND	ND			256			4.20	0.130	26	31	0.0074	5.8	0.13	5.9
MW3	12/8/06	ND	ND	ND	ND			294			4.30	0.120	26	32	0.0057	7.2	0.13	5.7
MW3	3/8/07	ND	ND	0.30	ND			337			2.17	0.148	30	30.1	0.0077	4.7	0.15	3.7
MW3	6/19/07	ND	ND	0.19	ND			382			3.70	0.130	33	39	0.005	5.6	0.14	2.9
MW3	9/27/07	ND	ND	0.13	ND			321			4.00	0.130	35	34	0.011	4.4	0.14	2.7
MW3	12/13/07	ND	ND	0.09	ND			358			2.90	0.140	NM	NM	0.012	7.3	0.14	2.3
MW3	6/30/08	ND	ND	0.10	ND			287			3.00	0.110	35	32	0.020	24.00	0.16	2.0

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Historical Groundwater Quality Data
Castle Oaks Golf Course
City of Ione
R5-1993-0240-002

Sample ID	Date	Total Coliform Bacteria (TCO)	Fecal Coliform Bacteria (FCO)	Nitrate as N (NO_3-N)	Ammonia as N (NH_4-N)	pH	EC	Total Dissolved Solids (TDS)	VOC	Dissolved Arsenic	Dissolved Iron	Dissolved Manganese	Chloride	Total Sodium	Total Arsenic	Total Iron	Total Manganese	TOC
Method/Analysis		SM 9221 B	SM 9221 E	EPA 300 0	SM 4500	SM 4500-H+	SM 2510 B	SM 2540 C	EPA 524.2	EPA 200.8	EPA 200.7	EPA 200.7	EPA 300.0	EPA 200.7	EPA 200.8	EPA 200.7	EPA 200.7	SM 5310 B
Units		MPN/100ml	MPN/100ml	mg/L	mg/L	units	umhs/cm	mg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MCL		**2.2**	**2.2**	**10**			**900-1600**	**500**		**0.010**	**0.3**	**0.05**	**250**		**0.010**	**0.3**	**0.05**	
MW3	11/30/08	ND	ND	0.29	ND			424			2.94	0.118	36	31	0.012	11.40	0.14	2.0
MW3	12/31/08	ND	ND	ND	ND			320			2.18	0.140	36	33	0.0056	3.73	0.125	1.3
MW3	3/12/09	ND	ND	0.07	ND			313			2.15	0 129	34	29	0.0056	5.340	0.128	1.50
MW3	6/17/09	ND	ND	0.21	0.091			350		ND	2.20	0.091	31	30				3.0
MW3	9/22/09	ND	ND	0.08	0.095			340		ND	2.80	0.120						
MW3	12/15/09	ND	ND	0.08	0.13			350		ND	1.00	0 100						
MW3	3/24/10	2	ND	0.09	0.1			310		ND	3.10	0.120						
MW3	6/23/10	ND	ND	0.10	0.073			320		ND	3.20	0.110						
MW3	9/24/10	ND	ND	0.04	0.071			350		0.0078	2.60	0.120						
MW3	12/14/10	23		0.06	0.076			300		ND	3.70	0.097						
MW3	3/29/11	23		0.03	0.15			300		ND	3.50	0.100						
MW3	6/23/11	ND		0.13	0.080			310		0.0098	3.90	0.100						
MW3	9/15/11	110		0.08	0.11			360		0.0083	3.80	0.099						
MW3	12/13/11	500	ND	0.11	0.070			500		0.013	3.50	0.100						
MW3	3/22/12	300		0.20	0.088			340		0.0076	2.60	0.100						
MW3	6/27/12	2	ND	0.03	0.066			380		ND	3.10	0.100						
MW3	9/25/12	ND		0.10	0.066			390		ND	1.40	0.110						
MW3	12/18/12	ND		0.05	0.088			300		ND	3.00	0.095						
MW3	3/11/13	ND		0.12	0.036			380		ND	1.20	0.12						
MW3	6/26/13	300		0.05	0.14			400		ND	0.77	0.13						
MW3	9/13/13	ND		0.13	0.019			410		ND	0.41	0.13						
MW3	12/12/13	ND		0.04	0.10			410		ND	0.97	0.17						
MW3	3/5/14	23		0.20	0.068			300		ND	1.30	0.12						
MW3	6/16/14	ND		0.37	ND			410		0.0150	ND	0.13						
MW3	9/17/14	ND		0.18	ND			400		ND	0.32	0.15						

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Historical Groundwater Quality Data
Castle Oaks Golf Course
City of Ione
R5-1993-0240-002

Sample ID	Date	Total Coliform Bacteria (TCO)	Fecal Coliform Bacteria (FCO)	Nitrate as N (NO_3-N)	Ammonia as N (NH_4-N)	pH	EC	Total Dissolved Solids (TDS)	VOC	Dissolved Arsenic	Dissolved Iron	Dissolved Manganese	Chloride	Total Sodium	Total Arsenic	Total Iron	Total Manganese	TOC
Method/Analysis		SM 9221 B	SM 9221 E	EPA 300 0	SM 4500	SM 4500-H+	SM 2510 B	SM 2540 C	EPA 524.2	EPA 200 8	EPA 200.7	EPA 200.7	EPA 300.0	EPA 200 7	EPA 200.8	EPA 200 7	EPA 200.7	SM 5310 B
Units		MPN/100ml	MPN/100ml	mg/L	mg/L	units	umhs/cm	mg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MCL		**2.2**	**2.2**	**10**			**900-1600**	**500**		**0.010**	**0.3**	**0.05**	**250**		**0.010**	**0.3**	**0.05**	
MW3	12/19/14	ND		0.30	0.034			360		ND	0.84	0.11						
MW3	3/23/15	ND		0.14	ND			420		0.0027	0.76	0.098						
MW3	6/10/15	ND		0.24	ND			440		0.0026	0.64	0.096						
MW3	9/16/15	ND		0.11	0.031			410		0.0028	0.90	0.130						
MW3	12/15/15	ND		0.04	0.088			430		0.0035	0.83	0.093						
MW3	3/29/16	14		0.23	ND			400		ND	0.39	0.073						
MW3	6/20/16	ND		0.05	ND			440		0.0029	0.59	0.089						
MW3	9/7/16	ND		0.38	0.029			450		0.0020	0.37	0.120						
MW3	12/7/16	ND		0.17	0.044			400		0.0024	0.46	0.120						
MW3	3/7/17	ND		0.06	ND			370		0.0021	0.53	0.079						
MW3	6/15/17	ND		0.22	0.14			410		0.0026	0.68	0.084						
MW3	9/14/17	> 1600		0.05	0.16			410		0.0032	2.200	0.130						
MW3	12/6/17	540		0.40	0.038			440		0.0019	0.340	0.110						
MW3	3/9/18	10		0.69	0.059			480		0.0014	ND	0.086						
MW3	6/15/18	540		0.58	0.059			550		0.00074	ND	0.150						
MW3	9/17/18	49		0.60	0.12			490		0.0011	ND	0.17						
MW3	12/17/18	1600		0.54	0.210			500		ND	ND	0.31						
MW3	3/18/19	12		0.60	0.062			440		0.00078	ND	0.11						
MW3	5/13/19	> 1600		0.55	0.09			480		0.0010	ND	0.13						
MW3	9/16/19	920		0.97	0.11			550		0.00088	0.34	0.17						
MW3	12/16/19	920		0.92	ND			430		0.0011	0.13	0.14						
MW3	3/16/19	170		1.20	0.069			490		ND	0.065	0.14						
MW3	6/16/20	33		0.79	0.077			480		ND	0.053	0.16						
MW3	9/14/20	22		1.10	0.084			510		ND	ND	0.21						
MW3	12/15/20	27		1.70	0.11			490		ND	ND	0.21						

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Historical Groundwater Quality Data
Castle Oaks Golf Course
City of Ione
R5-1993-0240-002

Sample ID	Date	Total Coliform Bacteria (TCO)	Fecal Coliform Bacteria (FCO)	Nitrate as N (NO_3-N)	Ammonia as N (NH_4-N)	pH	EC	Total Dissolved Solids (TDS)	VOC	Dissolved Arsenic	Dissolved Iron	Dissolved Manganese	Chloride	Total Sodium	Total Arsenic	Total Iron	Total Manganese	TOC
Method/Analysis		SM 9221 B	SM 9221 E	EPA 300.0	SM 4500	SM 4500-H+	SM 2510 B	SM 2540 C	EPA 524.2	EPA 200.8	EPA 200.7	EPA 200.7	EPA 300.0	EPA 200.7	EPA 200.8	EPA 200.7	EPA 200.7	SM 5310 B
Units		MPN/100ml	MPN/100ml	mg/L	mg/L	units	umhs/cm	mg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MCL		**2.2**	**2.2**	**10**			**900-1600**	**500**		**0.010**	**0.3**	**0.05**	**250**		**0.010**	**0.3**	**0.05**	
MW3	3/17/21	21		1.40	0.071			470		ND	ND	0.080						
MW3	6/22/21	ND		1.50	0.14			530		0.00066	ND	0.11						
MW3	9/21/21	33		1.80	0.10			530		ND	ND	0.18						
MW3	12/14/21	920		0.85	0.17			460		0.0013	ND	0.13						
MW3	3/16/22	220		0.75	0.088			480		0.00074	ND	0.083						
MW3	6/15/22	79		1.00	0.088			560		0.00074	ND	0.11						
MW3	9/22/22	540		1.60	0.084			530		0.00083	ND	0.14						
MW3	11/28/22	1.1		0.70	ND	6.8	610	525		ND	ND	0.12						
MW3	03/02/23	2		0.70	ND	6.5	776	560	ND	ND	ND	0.11						
MW3	05/17/23	<1.8		1.10	ND	6.5	811	160	ND	ND	ND	0.14						

NM - Not Measured
ND - Not Detected

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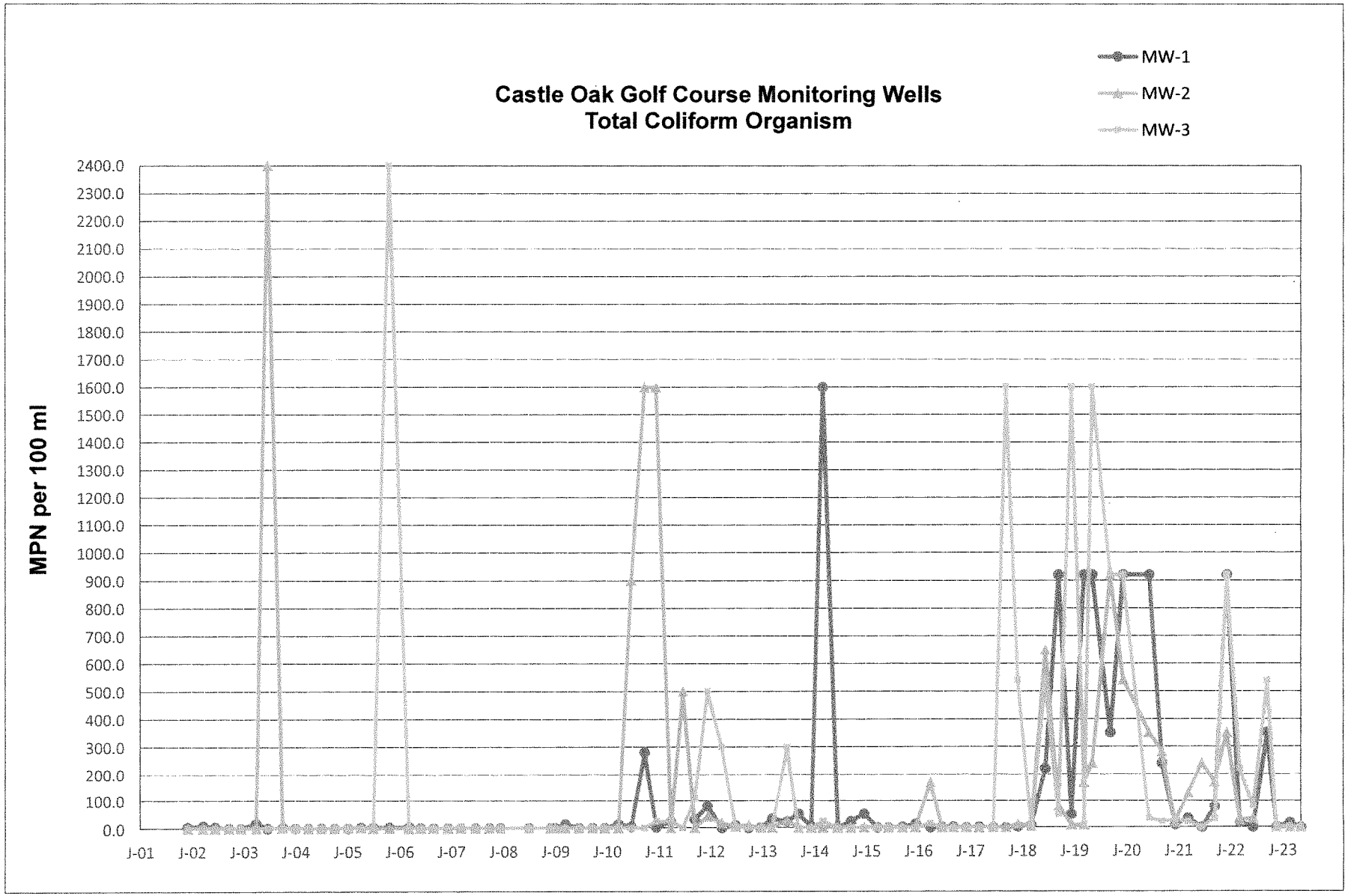

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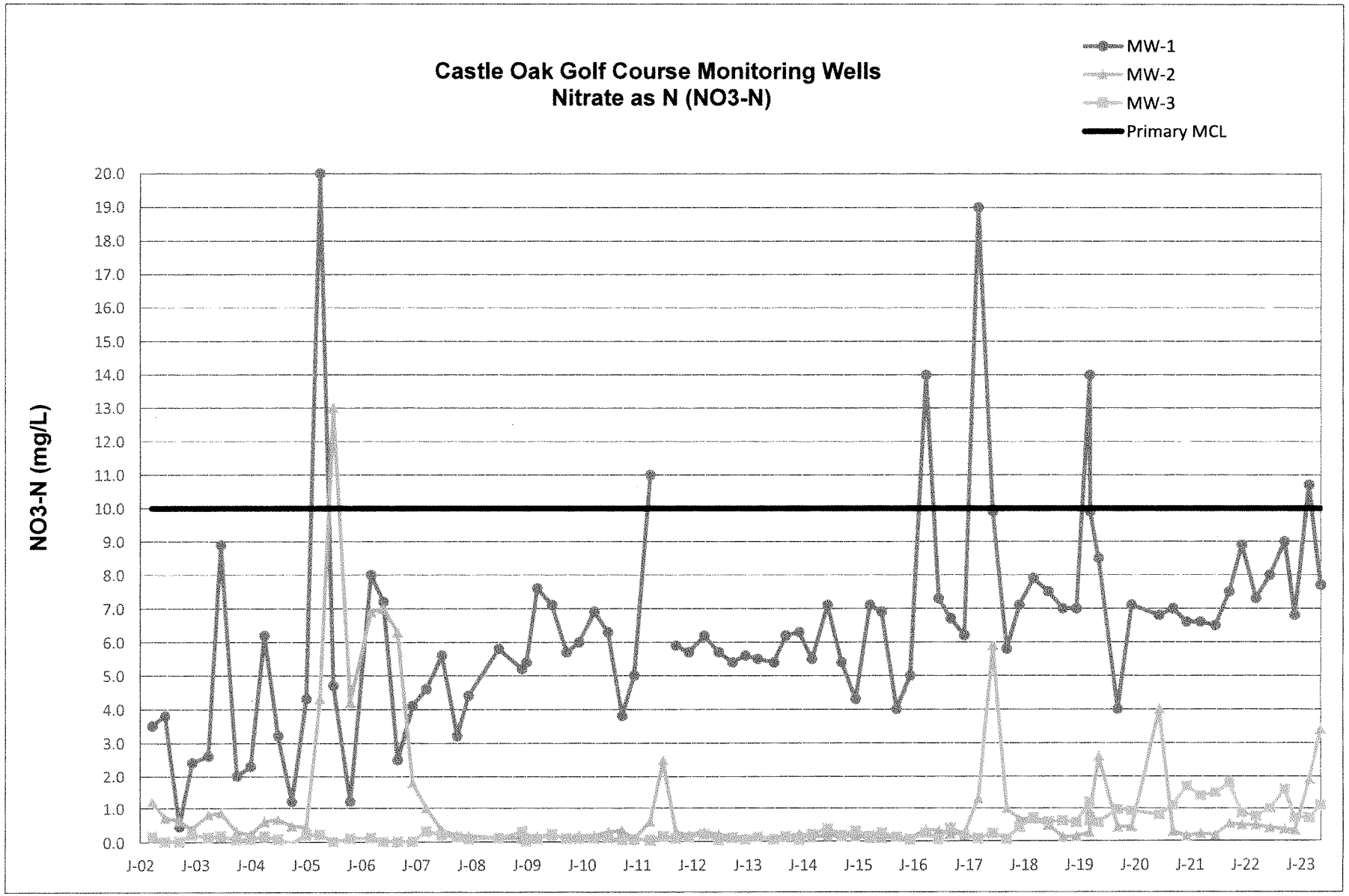

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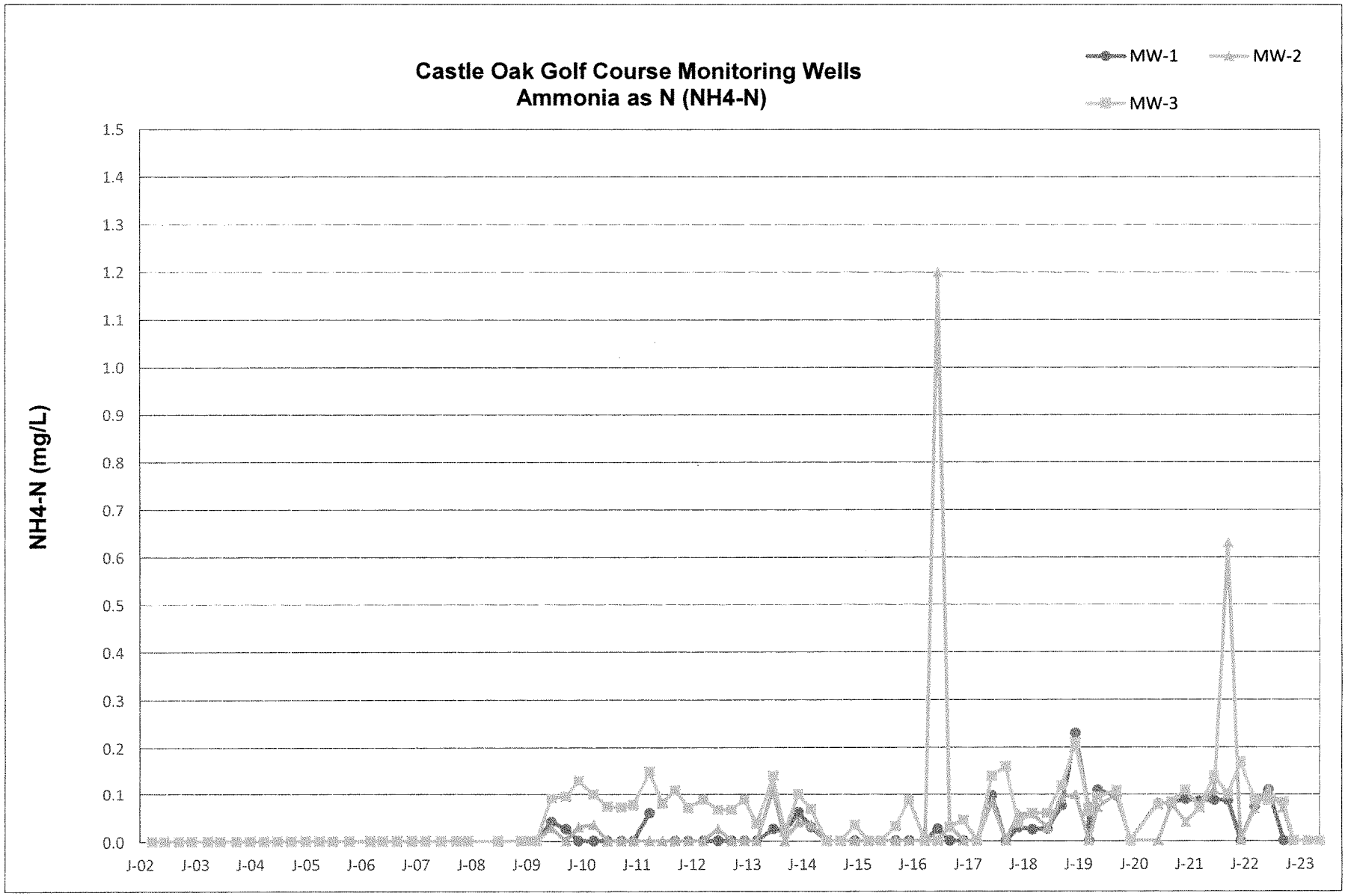

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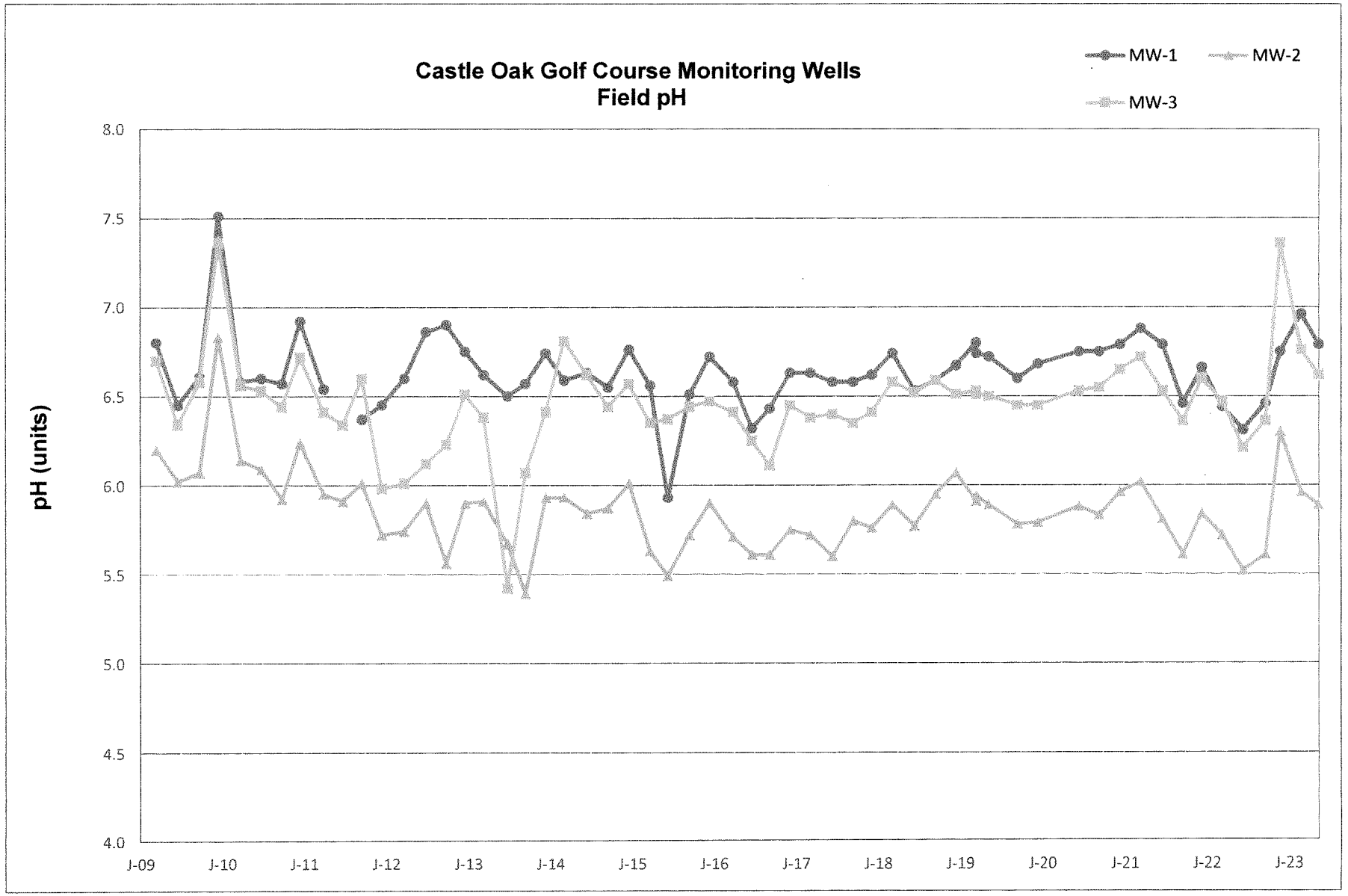

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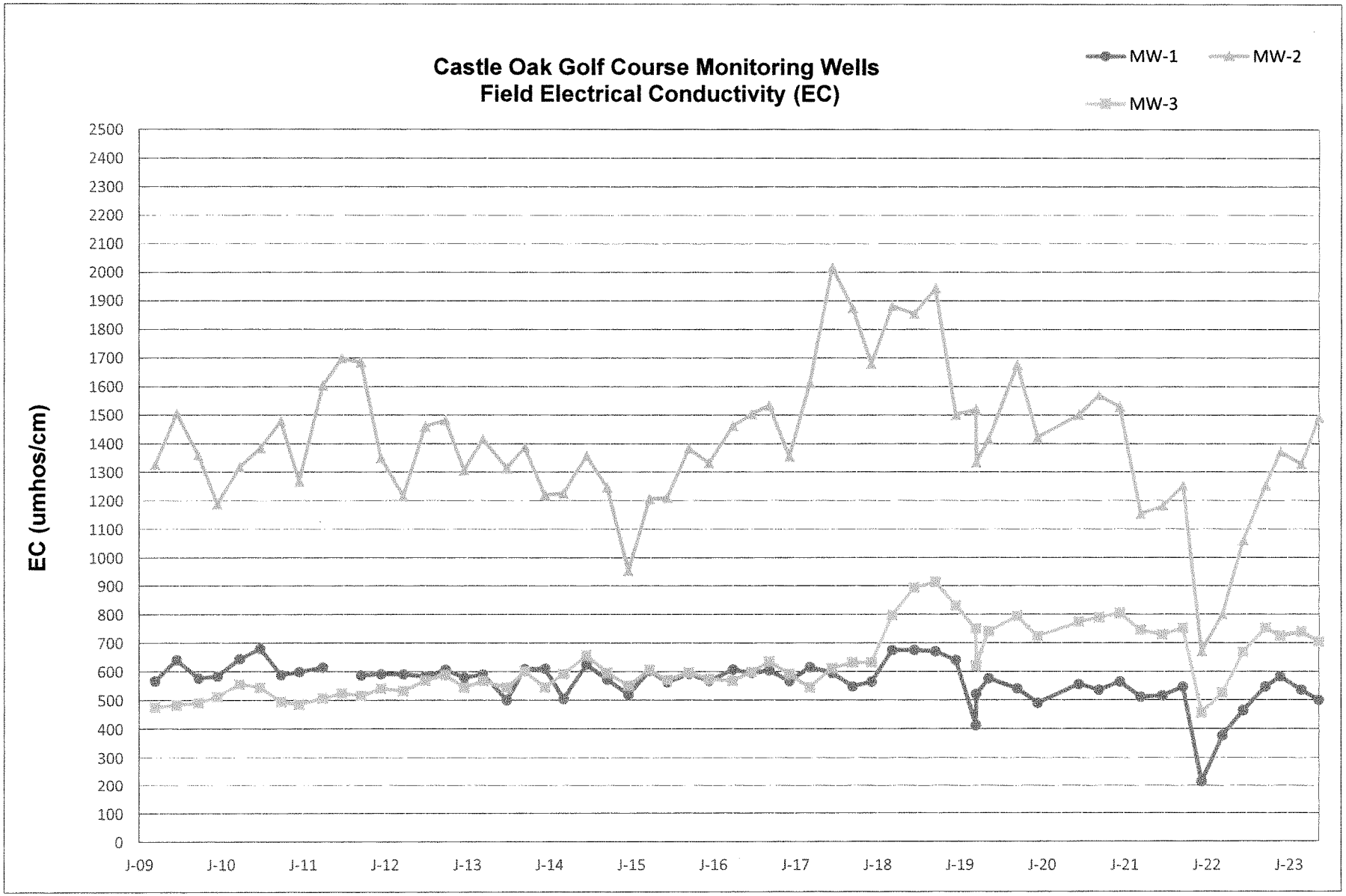

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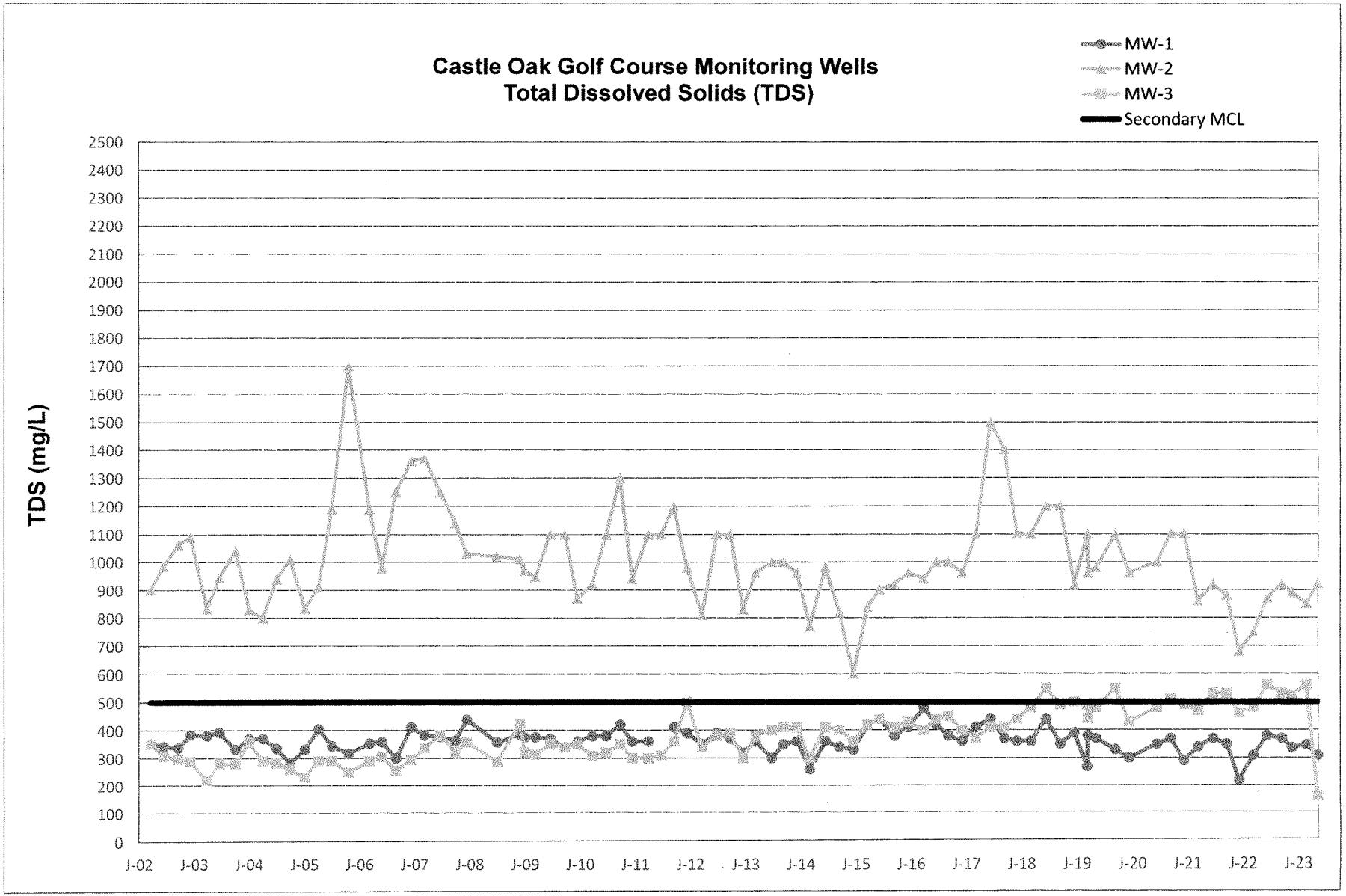

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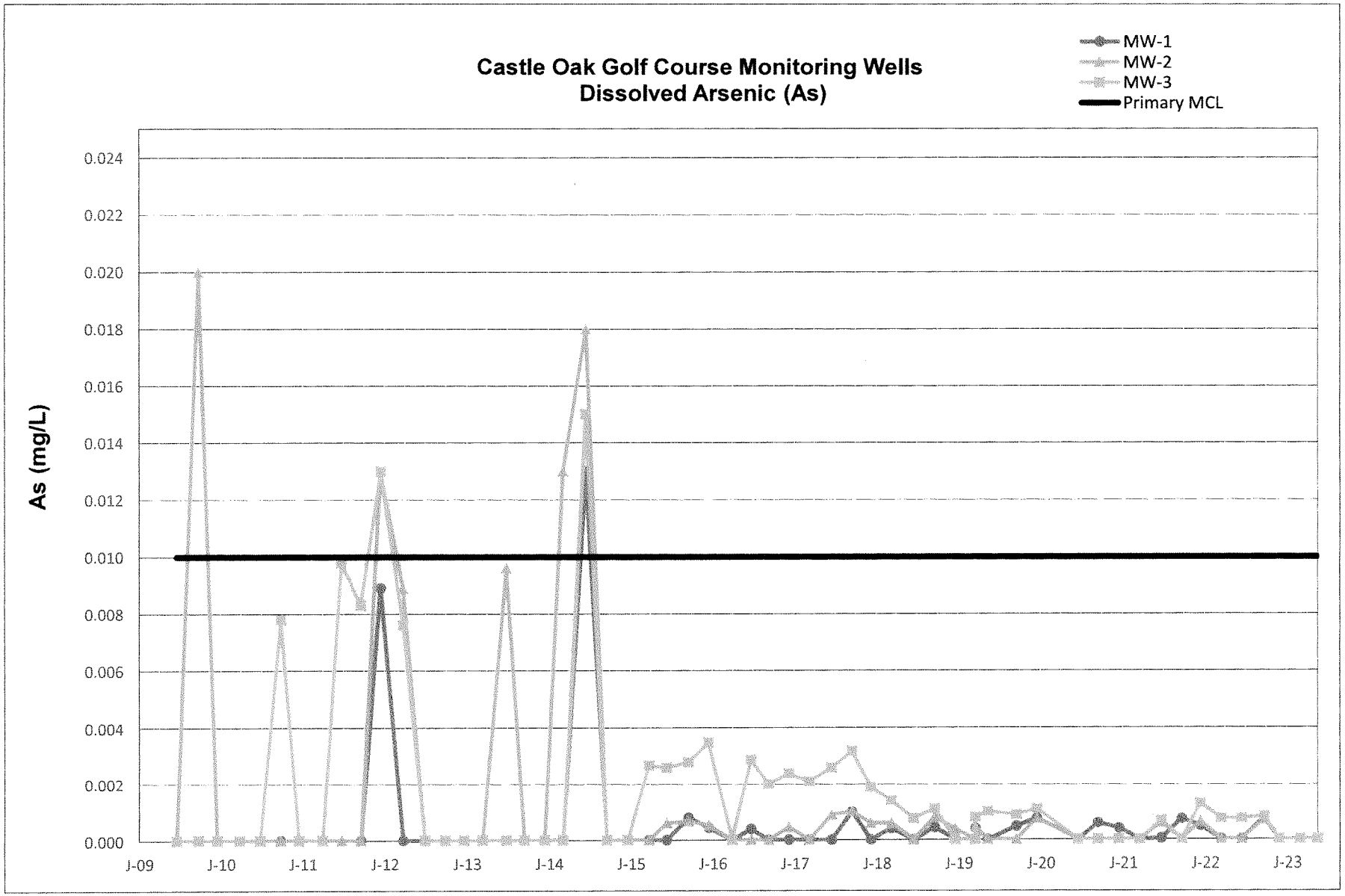

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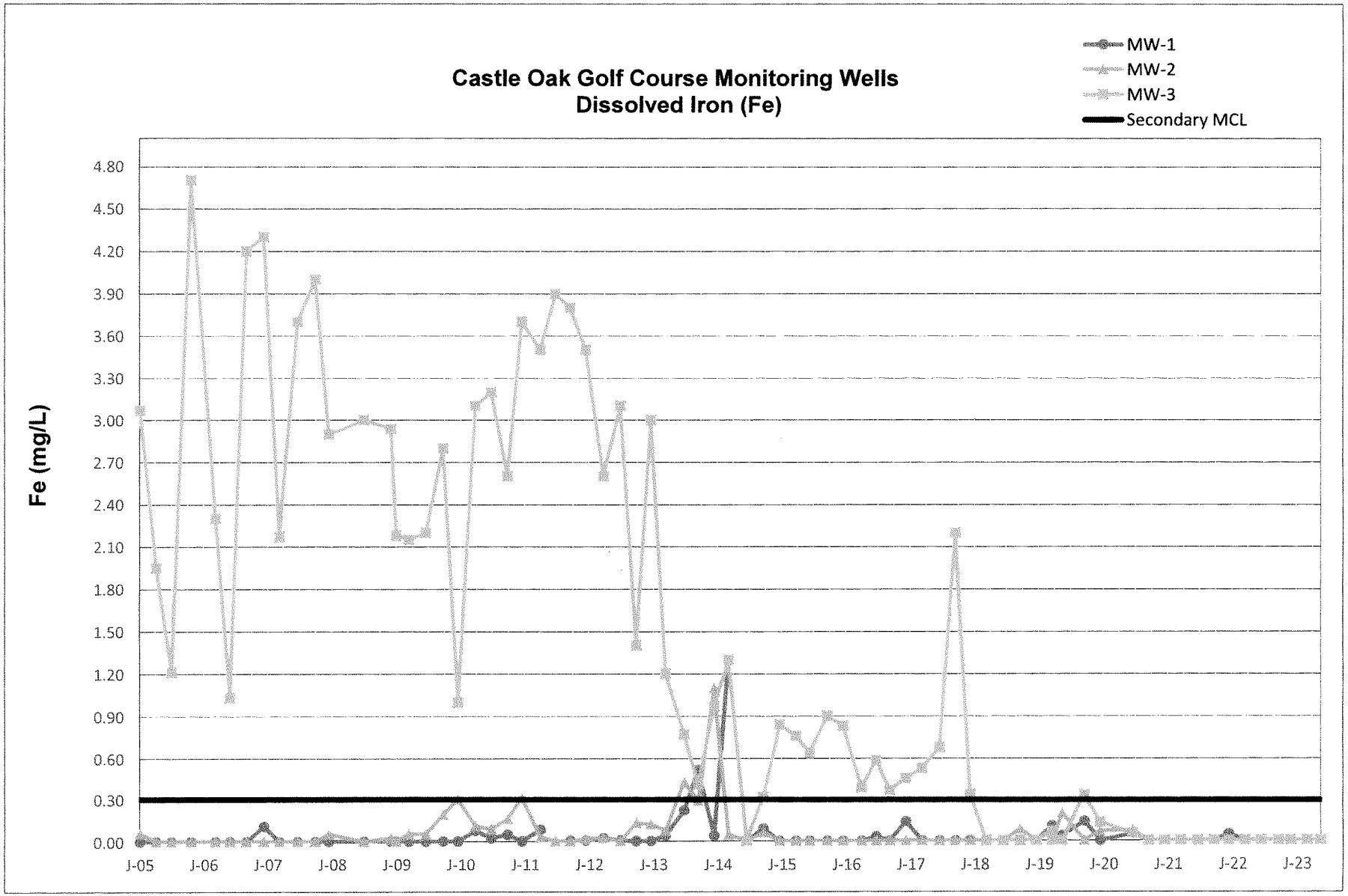

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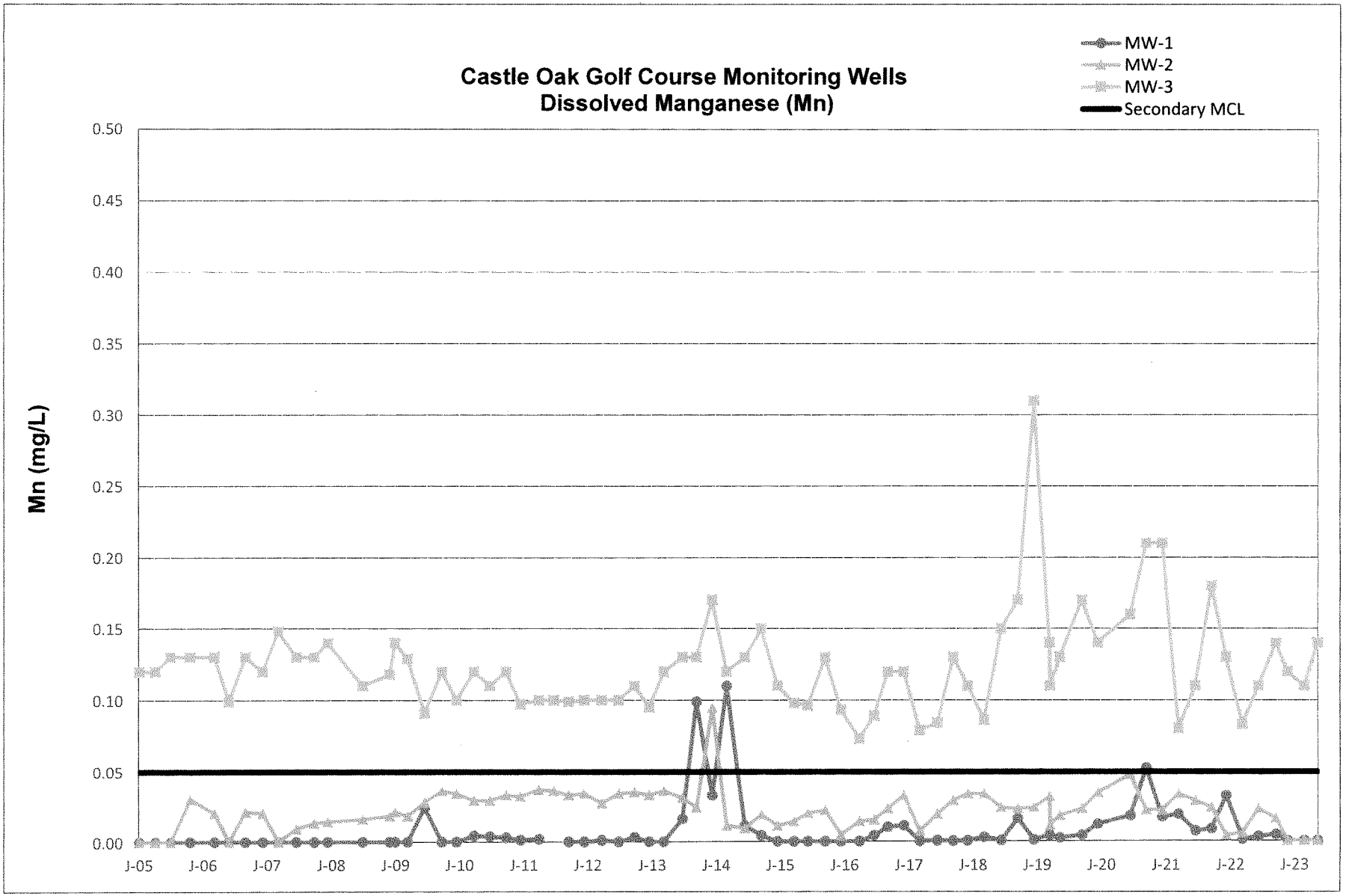

Attachment 5
Reports of Water Analysis
(Monitoring Wells)

DELLAVALLE™
LABORATORY INC

1910 W. McKinley Avenue, Suite 110 • Fresno, California 93728-1298
Phone (559) 233-6129 • (800) 228-9896 • Fax (559) 268-8174
website: dellavallelab.com

DELLAVALLE™
LABORATORY INC

City of Ione
1 East Main Street
Lone, CA 95640

Account# 00-0025573
Account Manager: Lisa Rubin
Submitted By: Todd Waklee
Ranch: R5-1993-0240-002 Castle Oak Golf Course

Received: 05/18/2023 10:37
Reported: 06/06/2023 08:57

Samples in this Report

Lab ID	Sample	Matrix	Sampled By	Crop	Date Sampled
23E1540-01	CO MW-1	Monitoring Well	Del-Tech/Ashley Putnam		05/17/2023 9:49
23E1540-02	CO MW-2	Monitoring Well	Del-Tech/Ashley Putnam		05/17/2023 10:32
23E1540-03	CO MW-3	Monitoring Well	Del-Tech/Ashley Putnam		05/17/2023 11:00

Default Cooler Temperature on Receipt °C: -2.3
Containers Intact
COC/Labels Agree
Preservation Confirmed
Received On Ice

Notes and Definitions

Item	Definition
H	Hold Time Exceeded
MCL	Drinking Water Maximum Contaminant Level
ND	Analyte NOT DETECTED at or above the reporting limit.
NES	Not Enough Sample
*	Not Taken
RPD	Relative Percent Difference
%REC	Percent Recovery
Source	Sample that was matrix spiked or duplicated.

Scott McFarland

Laboratory Director/Technical Manager

ELAP Certification #1595
A2LA Certification #6440.02

DELLAVALLE™
LABORATORY INC

City of Ione
1 East Main Street
Lone, CA 95640

Account# 00-0025573
Account Manager: Lisa Rubin
Submitted By: Todd Waklee
Ranch: R5-1993-0240-002 Castle Oak Golf Course

Received: 05/18/2023 10:37
Reported: 06/06/2023 08:57

Sample Results

Sample: CO MW-1
23E1540-01 (Water)

Sampled: 5/17/2023 9:49
Sampled By: Del-Tech/Ashley Putnam

Analyte	Result	Units	Reporting Limit	DIL	DW MCL	Date/Time Analyzed	Method	Notes	Batch
Electrical Conductivity	**0.58**	mmhos/cm	0.01	1		05/19/23 09:56	SM 2510 B		BEE0666
Electrical Conductivity umhos	**585**	umhos/cm	10.0	1		05/19/23 09:56	SM 2510 B		BEE0666
Iron	ND	mg/L	0.10	1		05/19/23 10:34	EPA 200.7		BEE0685
Manganese	ND	mg/L	0.02	1		05/19/23 10:34	EPA 200.7		BEE0685
Ammonia (as N)	ND	mg/L	0.500	1		05/19/23 11:18	SM 4500-NH3 H		BEE0705
Nitrite Nitrogen as NO2N	ND	mg/L	0.4	1	1	05/18/23 22:05	EPA 300.0		BEE0693
Nitrate Nitrogen as NO3N	**7.7**	mg/L	0.1	1	10	05/18/23 22:05	EPA 300.0		BEE0693
pH	**6.9**	units	1.0	1		05/19/23 09:56	SM 4500-H+	H	BEE0666
Total Filterable Solids (TDS)	**310**	mg/L	10.0	1		06/02/23 16:23	SM 2540 C		BEE0753

DELLAVALLE™
LABORATORY INC

City of Ione
1 East Main Street
Lone, CA 95640

Account# 00-0025573
Account Manager: Lisa Rubin
Submitted By: Todd Waklee
Ranch: R5-1993-0240-002 Castle Oak Golf Course

Received: 05/18/2023 10:37
Reported: 06/06/2023 08:57

Sample Results
(Continued)

Sample: CO MW-2
23E1540-02 (Water)

Sampled: 5/17/2023 10:32
Sampled By: Del-Tech/Ashley Putnam

Analyte	Result	Units	Reporting Limit	DIL	DW MCL	Date/Time Analyzed	Method	Notes	Batch
Electrical Conductivity	**1.74**	mmhos/cm	0.01	1		05/19/23 10:11	SM 2510 B		BEE0666
Electrical Conductivity umhos	**1740**	umhos/cm	10.0	1		05/19/23 10:11	SM 2510 B		BEE0666
Iron	ND	mg/L	0.10	1		05/19/23 10:42	EPA 200.7		BEE0685
Manganese	ND	mg/L	0.02	1		05/19/23 10:42	EPA 200.7		BEE0685
Ammonia (as N)	ND	mg/L	0.500	1		05/19/23 11:20	SM 4500-NH3 H		BEE0705
Nitrite Nitrogen as NO2N	ND	mg/L	0.4	1	1	05/18/23 22:25	EPA 300.0		BEE0693
Nitrate Nitrogen as NO3N	**3.4**	mg/L	0.1	1	10	05/18/23 22:25	EPA 300.0		BEE0693
pH	**5.9**	units	1.0	1		05/19/23 10:11	SM 4500-H+	H	BEE0666
Total Filterable Solids (TDS)	**923**	mg/L	10.0	1		06/02/23 16:23	SM 2540 C		BEE0753

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Received: 05/18/2023 10:37
Reported: 06/06/2023 08:57

Sample Results
(Continued)

Sample: CO MW-3
23E1540-03 (Water)

Sampled: 5/17/2023 11:00
Sampled By: Del-Tech/Ashley Putnam

Analyte	Result	Units	Reporting Limit	DIL	DW MCL	Date/Time Analyzed	Method	Notes	Batch
Electrical Conductivity	**0.81**	mmhos/cm	0.01	1		05/19/23 10:14	SM 2510 B		BEE0666
Electrical Conductivity umhos	**811**	umhos/cm	10.0	1		05/19/23 10:14	SM 2510 B		BEE0666
Iron	ND	mg/L	0.10	1		05/19/23 10:43	EPA 200.7		BEE0685
Manganese	**0.14**	mg/L	0.02	1		05/19/23 10:43	EPA 200.7		BEE0685
Ammonia (as N)	ND	mg/L	0.500	1		05/19/23 11:21	SM 4500-NH3 H		BEE0705
Nitrite Nitrogen as NO2N	ND	mg/L	0.4	1	1	05/19/23 01:03	EPA 300.0		BEE0693
Nitrate Nitrogen as NO3N	**1.1**	mg/L	0.1	1	10	05/19/23 01:03	EPA 300.0		BEE0693
pH	**6.5**	units	1.0	1		05/19/23 10:14	SM 4500-H+	H	BEE0666
Total Filterable Solids (TDS)	**160**	mg/L	10.0	1		06/02/23 16:23	SM 2540 C		BEE0753

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Received: 05/18/2023 10:37
Reported: 06/06/2023 08:57

Quality Control

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BEE0666										
Blank (BEE0666-BLK1)					Prepared: 5/17/2023 Analyzed: 5/19/2023					
Electrical Conductivity	ND		0.01	mmhos/cm						
pH	5.2		1.0	units						
Electrical Conductivity umhos	ND		10.0	umhos/cm						
Blank (BEE0666-BLK2)					Prepared: 5/17/2023 Analyzed: 5/19/2023					
Electrical Conductivity	ND		0.01	mmhos/cm						
pH	5.3		1.0	units						
Electrical Conductivity umhos	ND		10.0	umhos/cm						
Blank (BEE0666-BLK3)					Prepared: 5/17/2023 Analyzed: 5/19/2023					
pH	5.3		1.0	units						
Electrical Conductivity	ND		0.01	mmhos/cm						
Electrical Conductivity umhos	ND		10.0	umhos/cm						
Duplicate (BEE0666-DUP1)		**Source: 23E1540-01**			Prepared: 5/17/2023 Analyzed: 5/19/2023					
pH	6.9		1.0	units		6.9			0.579	10
Electrical Conductivity	0.58		0.01	mmhos/cm		0.58			0.652	10
Electrical Conductivity umhos	581		10.0	umhos/cm		585			0.652	10
Duplicate (BEE0666-DUP2)		**Source: 23E1644-01**			Prepared: 5/17/2023 Analyzed: 5/19/2023					
pH	9.2		1.0	units		9.1			0.219	10
Electrical Conductivity	0.33		0.01	mmhos/cm		0.33			1.25	10
Electrical Conductivity umhos	326		10.0	umhos/cm		330			1.25	10
Reference (BEE0666-SRM1)					Prepared: 5/17/2023 Analyzed: 5/19/2023					
Electrical Conductivity	561			umhos/cm	538.0		104	90-110		
Reference (BEE0666-SRM2)					Prepared: 5/17/2023 Analyzed: 5/19/2023					
Electrical Conductivity	565			umhos/cm	538.0		105	90-110		
Reference (BEE0666-SRM3)					Prepared: 5/17/2023 Analyzed: 5/19/2023					
Electrical Conductivity	563			umhos/cm	538.0		105	90-110		
Reference (BEE0666-SRM4)					Prepared: 5/17/2023 Analyzed: 5/19/2023					
pH	4.0			units	4.000		100	97.5-102.5		
Reference (BEE0666-SRM5)					Prepared: 5/17/2023 Analyzed: 5/19/2023					
pH	4.0			units	4.000		101	97.5-102.5		
Reference (BEE0666-SRM6)					Prepared: 5/17/2023 Analyzed: 5/19/2023					
pH	4.0			units	4.000		100	97.5-102.5		

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Received: 05/18/2023 10:37
Reported: 06/06/2023 08:57

Quality Control
(Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BEE0666 (Continued)										
Reference (BEE0666-SRM7)					Prepared: 5/17/2023 Analyzed: 5/19/2023					
pH	7.8			units	7.790		101	.7163-101.28		

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Quality Control
(Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BEE0685										
Blank (BEE0685-BLK1)					Prepared: 5/18/2023 Analyzed: 5/19/2023					
Iron	ND		0.10	mg/L						
Manganese	ND		0.02	mg/L						
Blank (BEE0685-BLK2)					Prepared: 5/18/2023 Analyzed: 5/19/2023					
Iron	ND		0.10	mg/L						
Manganese	ND		0.02	mg/L						
LCS (BEE0685-BS1)					Prepared: 5/18/2023 Analyzed: 5/19/2023					
Iron	6.91		0.10	mg/L	7.143		96.7	90-110		
Manganese	7.07		0.02	mg/L	7.143		99.0	90-110		
LCS (BEE0685-BS2)					Prepared: 5/18/2023 Analyzed: 5/19/2023					
Iron	6.86		0.10	mg/L	7.143		96.0	90-110		
Manganese	7.00		0.02	mg/L	7.143		98.0	90-110		
Duplicate (BEE0685-DUP1)		**Source: 23E1540-01**			Prepared: 5/18/2023 Analyzed: 5/19/2023					
Iron	0.005		0.10	mg/L		ND				15
Manganese	0.01		0.02	mg/L		0.01			4.48	15
Matrix Spike (BEE0685-MS1)		**Source: 23E1540-01**			Prepared: 5/18/2023 Analyzed: 5/19/2023					
Manganese	6.98		0.02	mg/L	7.143	0.01	97.6	90-110		
Iron	6.82		0.10	mg/L	7.143	ND	95.4	90-110		
Matrix Spike (BEE0685-MS2)		**Source: 23E1601-01**			Prepared: 5/18/2023 Analyzed: 5/19/2023					
Manganese	7.01		0.02	mg/L	7.143	0.003	98.1	90-110		
Iron	6.87		0.10	mg/L	7.143	0.33	91.6	90-110		
Reference (BEE0685-SRM1)					Prepared: 5/18/2023 Analyzed: 5/19/2023					
Manganese	1.43			mg/L	1.400		102	90-110		
Iron	2.04			mg/L	1.910		107	90-110		

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Quality Control
(Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BEE0693										
Blank (BEE0693-BLK1)					Prepared & Analyzed: 5/18/2023					
Nitrate Nitrogen as NO3N	ND		0.1	mg/L						
Nitrite Nitrogen as NO2N	ND		0.4	mg/L						
Blank (BEE0693-BLK2)					Prepared & Analyzed: 5/18/2023					
Nitrate Nitrogen as NO3N	ND		0.1	mg/L						
Nitrite Nitrogen as NO2N	ND		0.4	mg/L						
Blank (BEE0693-BLK3)					Prepared: 5/18/2023 Analyzed: 5/19/2023					
Nitrate Nitrogen as NO3N	ND		0.1	mg/L						
Nitrite Nitrogen as NO2N	ND		0.4	mg/L						
LCS (BEE0693-BS1)					Prepared & Analyzed: 5/18/2023					
Nitrate Nitrogen as NO3N	5.2		0.1	mg/L	5.000		103	90-110		
Nitrite Nitrogen as NO2N	5.5		0.4	mg/L	5.000		110	90-110		
LCS (BEE0693-BS2)					Prepared: 5/18/2023 Analyzed: 5/19/2023					
Nitrate Nitrogen as NO3N	5.2		0.1	mg/L	5.000		103	90-110		
Nitrite Nitrogen as NO2N	5.5		0.4	mg/L	5.000		110	90-110		
Duplicate (BEE0693-DUP1)		**Source: 23E1539-01**			Prepared: 5/18/2023 Analyzed: 5/19/2023					
Nitrate Nitrogen as NO3N	0.05		0.1	mg/L		0.05			0.00	10
Nitrite Nitrogen as NO2N	ND		0.4	mg/L		ND				10
Duplicate (BEE0693-DUP2)		**Source: 23E1603-01**			Prepared: 5/18/2023 Analyzed: 5/19/2023					
Nitrate Nitrogen as NO3N	0.9		0.1	mg/L		1.0			9.17	10
Nitrite Nitrogen as NO2N	ND		0.4	mg/L		ND				10
Matrix Spike (BEE0693-MS1)		**Source: 23E1539-01**			Prepared & Analyzed: 5/18/2023					
Nitrate Nitrogen as NO3N	5.1		0.1	mg/L	5.000	0.05	101	90-110		
Nitrite Nitrogen as NO2N	5.2		0.4	mg/L	5.000	ND	105	90-110		
Matrix Spike (BEE0693-MS2)		**Source: 23E1603-01**			Prepared: 5/18/2023 Analyzed: 5/19/2023					
Nitrate Nitrogen as NO3N	6.1		0.1	mg/L	5.000	1.0	102	90-110		
Nitrite Nitrogen as NO2N	5.0		0.4	mg/L	5.000	ND	100	90-110		
Reference (BEE0693-SRM1)					Prepared & Analyzed: 5/18/2023					
Nitrate Nitrogen as NO3N	10.1			mg/L	10.00		101	90-110		
Nitrite Nitrogen as NO2N	1.0			mg/L	1.001		98.9	90-110		
Reference (BEE0693-SRM2)					Prepared: 5/18/2023 Analyzed: 5/19/2023					
Nitrate Nitrogen as NO3N	10.2			mg/L	10.00		102	90-110		
Nitrite Nitrogen as NO2N	2.6			mg/L	1.001		260	90-110		

DELLAVALLE™
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Received: 05/18/2023 10:37
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Quality Control
(Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BEE0693 (Continued)										
Reference (BEE0693-SRM3)					Prepared: 5/18/2023 Analyzed: 5/19/2023					
Nitrate Nitrogen as NO3N	10.2			mg/L	10.00		102	90-110		
Nitrite Nitrogen as NO2N	1.0			mg/L	1.001		101	90-110		

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Quality Control
(Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BEE0705										
Blank (BEE0705-BLK1)					Prepared: 5/18/2023 Analyzed: 5/19/2023					
Ammonia (as N)	ND		0.500	mg/L						
Blank (BEE0705-BLK2)					Prepared: 5/18/2023 Analyzed: 5/19/2023					
Ammonia (as N)	ND		0.500	mg/L						
LCS (BEE0705-BS1)					Prepared: 5/18/2023 Analyzed: 5/19/2023					
Ammonia (as N)	8.96		0.500	mg/L	9.990		89.7	90-110		
LCS (BEE0705-BS2)					Prepared: 5/18/2023 Analyzed: 5/19/2023					
Ammonia (as N)	9.35		0.500	mg/L	9.990		93.6	90-110		
Duplicate (BEE0705-DUP1)		**Source: 23E1539-02**			Prepared: 5/18/2023 Analyzed: 5/19/2023					
Ammonia (as N)	1.70		0.500	mg/L		1.85			8.13	10
Duplicate (BEE0705-DUP2)		**Source: 23E1601-02**			Prepared: 5/18/2023 Analyzed: 5/19/2023					
Ammonia (as N)	ND		0.500	mg/L		ND				10
Matrix Spike (BEE0705-MS1)		**Source: 23E1539-02**			Prepared: 5/18/2023 Analyzed: 5/19/2023					
Ammonia (as N)	11.8		0.500	mg/L	9.990	1.85	99.9	90-110		
Matrix Spike (BEE0705-MS2)		**Source: 23E1601-02**			Prepared: 5/18/2023 Analyzed: 5/19/2023					
Ammonia (as N)	9.64		0.500	mg/L	9.990	ND	96.5	90-110		
Reference (BEE0705-SRM1)					Prepared: 5/18/2023 Analyzed: 5/19/2023					
Ammonia (as N)	5.33			mg/L	5.470		97.5	90-110		

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Quality Control
(Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BEE0753										
Blank (BEE0753-BLK1)					Prepared: 5/19/2023 Analyzed: 6/2/2023					
Total Filterable Solids (TDS)	ND		10.0	mg/L						
LCS (BEE0753-BS1)					Prepared: 5/19/2023 Analyzed: 6/2/2023					
Total Filterable Solids (TDS)	23.8		10.0	mg/L	2000		1.19	0-200		
Duplicate (BEE0753-DUP1)		**Source: 23E1478-02**			Prepared: 5/19/2023 Analyzed: 6/2/2023					
Total Filterable Solids (TDS)	327		10.0	mg/L		333			2.02	5
Duplicate (BEE0753-DUP2)		**Source: 23E1540-02**			Prepared: 5/19/2023 Analyzed: 6/2/2023					
Total Filterable Solids (TDS)	947		10.0	mg/L		923			2.50	5
Reference (BEE0753-SRM1)					Prepared: 5/19/2023 Analyzed: 6/2/2023					
Total Filterable Solids (TDS)	310			mg/L	325.0		95.4	90-110		

05/18/23 10:37 23E1540 JG

DELLAVALLE LABORATORY, INC.

1910 W. McKinley Avenue, Suite 110 · Fresno, CA 93728
www.dellavallelab.com 559 233-6129 · 800 228-9896 · Fax 559 268-8174

Purchase Order No | Bill To: Acct # 25373 Cons # 54

Results Need By

No. Samples: 3 No of Bottles: 9 bottles + 3-sets of VOAs

Water Type: [ ] Drinking Water [ ] Wastewater
[ ] Ag Water [ ] Groundwater [x] **Monitoring Well**

Name: City of Ione
Billing Address: 1 East Main Street
City: Ione **State:** CA **Zip:** 95640
Telephone: 209-274-2412
Cell:
Email: twaklee@ione-ca.com
COPY TO: mrock@ione-ca.com
jdoersen@ione-ca.com
REQUESTED BY: Todd Waklee
PROJECT: R5-1993-0240-002
Site: Castle Oak Golf Course

Other:

Analysis and Bottles Required: (*Please indicate Analysis*)

[X] **Quarterly**

pH, EC, TDS, NO3N, NO2-N, NH4-N, Dissolved Fe,
Dissolved Manganese, **Dissolved Arsenic, VOCs**

(1-1 Liter Plastic, Unpreserved) White per site
(1-250 mL Plastic w/H2SO4) NH4-N Yellow per site
(1-250 mL Plastic, Unpreserved) White **pace** per site
(1-set of three VOAs w/HCL) Blue **pace** per site

[ ] **Annually**

Dissolved General Mineral (No MBAS), Dissolved: **As**, B, K,
NO2-N, NH4-N, TKN, TN, **VOCs**

(1-1 Liter Plastic, Unpreserved) per site
(1-250 mL Plastic, Unpreserved) As White **pace** per site
(1-250 mL Plastic w/H2SO4) TKN Yellow per site
(1-set of three VOAs w/HCL) Blue **pace** per site

[ ] Co. Health Dept
[ ] RWQCB [X] Copy of Chain
[ ] State Forms [X] QA/QC Documents

½ **SENDOUT**

Sampled By: Ashley Putnam / DetTech

	Description of Samples	Date Sampled	Time Sampled	Rec'd Temp oC	Field EC
1	CO MW-1	5/17/23	949	-2.3	
2	CO MW-2	"	1032	-0.9	
3	CO MW-3	"	1100	-0.4	
4					

IR Thermometer SN 221314357
Correction Factor 0°C
Calibration Due 6/30/2023
Location Laboratory

CHAIN OF CUSTODY

	Signature	Company	Received Date/Time	Relinquished Date/Time
Carrier				
First	Ashley Putnam	DetTech	5/17/23 949	5/17/23 1345
Second	Robert Rubin	DLI	5/17/23 1345	5/18/23
Third				
Fourth	Jasmut Mann	DLI	5/18/23 10:37	

I guarantee that as the client, or on behalf of client named, I have the authority to contract the above requested services. Should it be found that I do not have such authority, I agree to be personally liable for all costs and, if there should be action against me for this breach, reasonable attorneys' fees. It is understood that payment is expected to be cash with samples unless terms have been previously arranged. Terms are net 30 days; overdue accounts will be charged a liquidated damage fee of 2% per month (annually 24%) or $5.00 per month whichever is greater. If payment is not made when due and a legitimate dispute exists concerning the product or services of Dellavalle Laboratory, Inc., it will be submitted to mediation under the Rules and Procedures of Creative Alternative to Litigation, Inc. (*cal*). If the dispute is not resolved in mediation, then the dispute will be submitted to binding arbitration through *cal* under its Rules and Procedures. The parties will equally bear the costs of mediation/arbitration. If, however, the mediator declares that no legitimate dispute exists, then debtor will pay all mediation and arbitration costs, and in the event of arbitration, reasonable attorneys' fees of Dellavalle Laboratory.

Lisa will invoice

Signature
Sample received in cooler with ice (coolant)
[X] Yes [ ] No

05/18/23 10:37 23E1540

Shipping Information: Shipped In ☐ Picked-Up X Walk In ☐ DLI Sampler ☐ Other ☐ _____

☐ Samples refridgerated before pick up | ☐ Picked up samples placed in Ice chest

Container: Ice Chest X Box ☐ None ☐ | **Refrigerant:** Wet Ice X Blue Ice ☐ None ☐

Samples Preserved with HNO_3 or H_2SO_4 were: ☐ Received Preserved ☐ Preserved Upon Receipt at Laboratory

	Type of Container(s) Received	Sample Number 1	2	3	4	5	6	7	8	9	10
	Sample Containers for Internal (DLI) Use *(Containers that go into the Lab)*										
Plastics	100 mL sterile plastic $Na_2S_2O_3$ (Green)										
Plastics	250 mL unpreserved (White) Plastic										
Plastics	250 mL HNO_3 (Red) Plastic										
Plastics	* pH Value										
Plastics	250 mL H_2SO_4 (Yellow) Plastic	1	1	1							
Plastics	* pH Value	<2	<2	<2							
Plastics	500 mL unpreserved (White) Plastic										
Plastics	1 L unpreserved (White) Plastic	1	1	1							
Plastics	1 L unpreserved (BOD) (Purple) Plastic										
Special	500mL unpreserved (White) Glass										
Special	PO4-P Kit										
Special	**Other:**										
	Sample Containers for Subcontracted ("Send Out") Analyses *(Containers that go in the Subcontract ("Send Out") Refrigerator)*										
Plastics	100 mL sterile plastic $Na_2S_2O_3$ (Green)										
Plastics	250 mL unpreserved (White) Plastic	1	1	1							
Plastics	250 mL HNO_3 (Red) Plastic										
Plastics	250 mL H_2SO_4 (Yellow) Plastic										
Plastics	500 mL HNO_3 (Red)										
Plastics	1 L unpreserved (White) Plastic										
Plastics	1 L unpreserved (BOD) (Purple) Plastic										
Plastics	1 L HNO_3 (Red)										
VOA Vials	40 mL VOA, $Na_2S_2O_3$ + MCAA (EPA531)										
VOA Vials	40 mL VOA, $Na_2S_2O_3$ (EPA547)										
VOA Vials	40mL AG VOA unpreserved (White) (Set of 3)										
VOA Vials	40 mL AG VOA, $Na_2S_2O_3$ (Green) (Set of 3)										
VOA Vials	40mL VOA, H_3PO_4 (Set of 3)										
VOA Vials	40 mL VOA, HCl (Blue) (Set of 3)	1	1	1							
VOA Vials	40 mL VOA, $Na_2S_2O_3$ (Green) (Set of 3)										
Glass	250 mL AG unpreserved (White)										
Glass	250 mL AG H_2SO_4 (Yellow)										
Glass	250 mL AG $Na_2S_2O_3$ (Green)										
Glass	250 mL AG $Na_2S_2O_3$ + MCAA										
Glass	500 mL glass unpreserved (White)										
Glass	500 mL AG HCl (Blue)										
Glass	1 L AG unpreserved (White)										
Glass	1 L AG H_2SO_4 (Yellow)										
Glass	1 L AG $Na_2S_2O_3$ (Green)										
Glass	1 L AG HCl (Blue)										
Special	Cr^{6+} - 50mL Plastic w/Borate/HCO_3/CO_3										
Special	Cyanide - 500 mL NaOH										
Special	Asbestos - 1L P wrapped in foil (Set of 2)										
Special	Sulfide - 1 L **AG** or **P** NaOH + ZnAc										
Special	Chlorite/Bromate - 250 mL AG with EDA										
Special	HAA5 - 250mL AG Ammonium Chlorite										
Special	DO KIT										
Special	**Other:**										
Special	**Other:**										

SUBCONTRACT

DELLAVALLE™
LABORATORY INC

05/18/23 10:37 23E1540

Sending Laboratory:

Dellavalle Laboratory Inc.
1910 McKinley, Ste. 110
Fresno, CA 93728-1298
Phone: (559) 233-6129
Fax: (559) 268-8174

Attn: Kaitlynn Shaw
dataentry@dellavallelab.com

After Hours Contact:
Susan Villagran
559-530-1346
Martin James
559-940-2024

PO# 806619

Subcontracted Laboratory:

BSK & Associates - Stanislaus
687 N. Laverne
Fresno, CA 93727
Phone: (559) 497-2888
Fax: 559 485-6935

Turnaround: Standard ☒ Rush ☐
State Forms: Yes ☐ No ☒ Sys#

Work Order: 23E1540 **Project: R5-1993-0240-002**

Analysis

Sample ID: 23E1540-01 ***Monitoring Well*** ***Sampled: 5/17/2023 9:49AM***
Client Sample Name: CO MW-1 **Sampled By: Del-Tech/Ashley Putnam**

Comments

EPA 524 w/MTBE:SO
As Dissolved:SO

Containers Supplied:

Sample ID: 23E1540-02 ***Monitoring Well*** ***Sampled: 5/17/2023 10:32AM***
Client Sample Name: CO MW-2 **Sampled By: Del-Tech/Ashley Putnam**

Comments

EPA 524 w/MTBE:SO
As Dissolved:SO

Containers Supplied:

Sample ID: 23E1540-03 ***Monitoring Well*** ***Sampled: 5/17/2023 11:00AM***
Client Sample Name: CO MW-3 **Sampled By: Del-Tech/Ashley Putnam**

Comments

EPA 524 w/MTBE:SO
As Dissolved:SO

Containers Supplied:

Released By	Date	Received By	Date
KS	5/18/23		
Released By	Date	Received By	Date

Certificate of Analysis

City of Ione #25573/54
Project: R5-1993-0240-002

Sample ID: AGE2585-01
Sampled By: Deltech / Ashley Putnam
Sample Description: 23E1540-01 // CO MW-1

Sample Date - Time: 05/17/2023 - 09:49
Matrix: Water
Sample Type: Grab

BSK Associates Laboratory Fresno

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Arsenic - Dissolved (1)	EPA 200.8	ND	2.0	ug/L	1	AGE1638	05/24/23	05/25/23	

Organics

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Volatile Organics (SDWA Regulated) by GC-MS									
1,1,1-Trichloroethane	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
1,1,2,2-Tetrachloroethane	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
1,1,2-Trichloro-1,2,2-trifluoroethane	EPA 524.2	ND	10	ug/L	1	AGE1906	05/28/23	05/28/23	
1,1,2-Trichloroethane	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
1,1-Dichloroethane	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
1,1-Dichloroethene	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
1,2,4-Trichlorobenzene	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
1,2-Dichlorobenzene	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
1,2-Dichloroethane	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
1,2-Dichloropropane	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
1,4-Dichlorobenzene	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
Benzene	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
Carbon Tetrachloride	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
Chlorobenzene	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
cis-1,2-Dichloroethene	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
cis-1,3-Dichloropropene	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
Dichloromethane	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
Ethylbenzene	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
m,p-Xylenes	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
Methyl-t-butyl ether	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
o-Xylene	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
Styrene	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
Tetrachloroethene (PCE)	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
Toluene	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
trans-1,2-Dichloroethene	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
trans-1,3-Dichloropropene	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
Trichloroethene (TCE)	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
Trichlorofluoromethane	EPA 524.2	ND	5.0	ug/L	1	AGE1906	05/28/23	05/28/23	
Vinyl Chloride	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
Total 1,3-Dichloropropene	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
Total Xylenes	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
Surrogate: 1,2-Dichlorobenzene-d4	EPA 524.2	104 %	*Acceptable range: 70-130 %*						
Surrogate: Bromofluorobenzene	EPA 524.2	102 %	*Acceptable range: 70-130 %*						

Certificate of Analysis

City of Ione #25573/54
Project: R5-1993-0240-002

Sample ID: AGE2585-02
Sampled By: Deltech / Ashley Putnam
Sample Description: 23E1540-02 // CO MW-2

Sample Date - Time: 05/17/2023 - 10:32
Matrix: Water
Sample Type: Grab

BSK Associates Laboratory Fresno

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Arsenic - Dissolved (1)	EPA 200.8	ND	2.0	ug/L	1	AGE1638	05/24/23	05/25/23	

Organics

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Volatile Organics (SDWA Regulated) by GC-MS									
1,1,1-Trichloroethane	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
1,1,2,2-Tetrachloroethane	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
1,1,2-Trichloro-1,2,2-trifluoroethane	EPA 524.2	ND	10	ug/L	1	AGE1906	05/28/23	05/28/23	
1,1,2-Trichloroethane	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
1,1-Dichloroethane	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
1,1-Dichloroethene	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
1,2,4-Trichlorobenzene	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
1,2-Dichlorobenzene	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
1,2-Dichloroethane	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
1,2-Dichloropropane	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
1,4-Dichlorobenzene	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
Benzene	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
Carbon Tetrachloride	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
Chlorobenzene	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
cis-1,2-Dichloroethene	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
cis-1,3-Dichloropropene	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
Dichloromethane	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
Ethylbenzene	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
m,p-Xylenes	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
Methyl-t-butyl ether	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
o-Xylene	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
Styrene	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
Tetrachloroethene (PCE)	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
Toluene	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
trans-1,2-Dichloroethene	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
trans-1,3-Dichloropropene	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
Trichloroethene (TCE)	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
Trichlorofluoromethane	EPA 524.2	ND	5.0	ug/L	1	AGE1906	05/28/23	05/28/23	
Vinyl Chloride	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
Total 1,3-Dichloropropene	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
Total Xylenes	EPA 524.2	ND	0.50	ug/L	1	AGE1906	05/28/23	05/28/23	
Surrogate: 1,2-Dichlorobenzene-d4	EPA 524.2	104 %	*Acceptable range: 70-130 %*						
Surrogate: Bromofluorobenzene	EPA 524.2	102 %	*Acceptable range: 70-130 %*						

Certificate of Analysis

City of Ione #25573/54
Project: R5-1993-0240-002

Sample ID: AGE2585-03
Sampled By: Deltech / Ashley Putnam
Sample Description: 23E1540-03 // CO MW-3

Sample Date - Time: 05/17/2023 - 11:00
Matrix: Water
Sample Type: Grab

BSK Associates Laboratory Fresno

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Arsenic - Dissolved (1)	EPA 200.8	ND	2.0	ug/L	1	AGE1638	05/24/23	05/25/23	

Organics

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Volatile Organics (SDWA Regulated) by GC-MS									
1,1,1-Trichloroethane	EPA 524.2	ND	0.50	ug/L	1	AGE1907	05/28/23	05/30/23	
1,1,2,2-Tetrachloroethane	EPA 524.2	ND	0.50	ug/L	1	AGE1907	05/28/23	05/30/23	
1,1,2-Trichloro-1,2,2-trifluoroethane	EPA 524.2	ND	10	ug/L	1	AGE1907	05/28/23	05/30/23	
1,1,2-Trichloroethane	EPA 524.2	ND	0.50	ug/L	1	AGE1907	05/28/23	05/30/23	
1,1-Dichloroethane	EPA 524.2	ND	0.50	ug/L	1	AGE1907	05/28/23	05/30/23	
1,1-Dichloroethene	EPA 524.2	ND	0.50	ug/L	1	AGE1907	05/28/23	05/30/23	
1,2,4-Trichlorobenzene	EPA 524.2	ND	0.50	ug/L	1	AGE1907	05/28/23	05/30/23	
1,2-Dichlorobenzene	EPA 524.2	ND	0.50	ug/L	1	AGE1907	05/28/23	05/30/23	
1,2-Dichloroethane	EPA 524.2	ND	0.50	ug/L	1	AGE1907	05/28/23	05/30/23	
1,2-Dichloropropane	EPA 524.2	ND	0.50	ug/L	1	AGE1907	05/28/23	05/30/23	
1,4-Dichlorobenzene	EPA 524.2	ND	0.50	ug/L	1	AGE1907	05/28/23	05/30/23	
Benzene	EPA 524.2	ND	0.50	ug/L	1	AGE1907	05/28/23	05/30/23	
Carbon Tetrachloride	EPA 524.2	ND	0.50	ug/L	1	AGE1907	05/28/23	05/30/23	
Chlorobenzene	EPA 524.2	ND	0.50	ug/L	1	AGE1907	05/28/23	05/30/23	
cis-1,2-Dichloroethene	EPA 524.2	ND	0.50	ug/L	1	AGE1907	05/28/23	05/30/23	
cis-1,3-Dichloropropene	EPA 524.2	ND	0.50	ug/L	1	AGE1907	05/28/23	05/30/23	
Dichloromethane	EPA 524.2	ND	0.50	ug/L	1	AGE1907	05/28/23	05/30/23	
Ethylbenzene	EPA 524.2	ND	0.50	ug/L	1	AGE1907	05/28/23	05/30/23	
m,p-Xylenes	EPA 524.2	ND	0.50	ug/L	1	AGE1907	05/28/23	05/30/23	
Methyl-t-butyl ether	EPA 524.2	ND	0.50	ug/L	1	AGE1907	05/28/23	05/30/23	
o-Xylene	EPA 524.2	ND	0.50	ug/L	1	AGE1907	05/28/23	05/30/23	
Styrene	EPA 524.2	ND	0.50	ug/L	1	AGE1907	05/28/23	05/30/23	
Tetrachloroethene (PCE)	EPA 524.2	ND	0.50	ug/L	1	AGE1907	05/28/23	05/30/23	
Toluene	EPA 524.2	ND	0.50	ug/L	1	AGE1907	05/28/23	05/30/23	
trans-1,2-Dichloroethene	EPA 524.2	ND	0.50	ug/L	1	AGE1907	05/28/23	05/30/23	
trans-1,3-Dichloropropene	EPA 524.2	ND	0.50	ug/L	1	AGE1907	05/28/23	05/30/23	
Trichloroethene (TCE)	EPA 524.2	ND	0.50	ug/L	1	AGE1907	05/28/23	05/30/23	
Trichlorofluoromethane	EPA 524.2	ND	5.0	ug/L	1	AGE1907	05/28/23	05/30/23	
Vinyl Chloride	EPA 524.2	ND	0.50	ug/L	1	AGE1907	05/28/23	05/30/23	
Total 1,3-Dichloropropene	EPA 524.2	ND	0.50	ug/L	1	AGE1907	05/28/23	05/30/23	
Total Xylenes	EPA 524.2	ND	0.50	ug/L	1	AGE1907	05/28/23	05/30/23	
Surrogate: 1,2-Dichlorobenzene-d4	EPA 524.2	104 %	*Acceptable range: 70-130 %*						
Surrogate: Bromofluorobenzene	EPA 524.2	102 %	*Acceptable range: 70-130 %*						

DELLAVALLE™
LABORATORY INC

City of Ione
1 East Main Street
Lone, CA 95640

Account# 00-0025573
Account Manager: Lisa Rubin
Submitted By:
Ranch: R5-1993-0240-002

Received: 05/18/2023 9:50
Reported: 06/02/2023 15:35

Samples in this Report

Lab ID	Sample	Matrix	Sampled By	Crop	Date Sampled
23E1543-01	CO MW-1	Monitoring Well	Del-Tech/Ashley Putnam		5/17/2023 9:49
23E1543-02	CO MW-2	Monitoring Well	Del-Tech/Ashley Putnam		5/17/2023 10:32
23E1543-03	CO MW-3	Monitoring Well	Del-Tech/Ashley Putnam		5/17/2023 11:00

Default Cooler Temperature on Receipt °C: -1.5
Containers Intact
COC/Labels Agree
Received On Ice

Brent McFriedland

Laboratory Director/Technical Manager

ELAP Certification #1595
A2LA Certification #6440.02

BSK ASSOCIATES

Certificate of Analysis

City of Ione #25573/54
Project: R5-1993-0240-002

Sample ID: AGE2405-01
Sampled By: Deltech / Ashley Putnam
Sample Description: 23E1543-01 // CO MW-1

Sample Date - Time: 05/17/2023 - 09:49
Matrix: Water
Sample Type: Routine

BSK Associates Laboratory Fresno

Microbiology

Analyte	Method	Result	RL	Units	Batch	Prepared	Analyzed	Qual
Coliform by 3x5 MTF								
Total Coliform	SM 9221B	**<1.8**	1.8	MPN/100 mL	AGE1270	05/18/23 11:49	05/18/23 11:49	HT1.0

BSK ASSOCIATES

Certificate of Analysis

City of Ione #25573/54
Project: R5-1993-0240-002

Sample ID: AGE2405-02
Sampled By: Deltech / Ashley Putnam
Sample Description: 23E1543-02 // CO MW-2

Sample Date - Time: 05/17/2023 - 10:32
Matrix: Water
Sample Type: Routine

BSK Associates Laboratory Fresno

Microbiology

Analyte	Method	Result	RL	Units	Batch	Prepared	Analyzed	Qual
Coliform by 3x5 MTF								
Total Coliform	SM 9221B	**<1.8**	1.8	MPN/100 mL	AGE1270	05/18/23 11:49	05/18/23 11:49	HT1.0

BSK ASSOCIATES

Certificate of Analysis

City of Ione #25573/54
Project: R5-1993-0240-002

Sample ID: AGE2405-03
Sampled By: Deltech / Ashley Putnam
Sample Description: 23E1543-03 // CO MW-3

Sample Date - Time: 05/17/2023 - 11:00
Matrix: Water
Sample Type: Routine

BSK Associates Laboratory Fresno

Microbiology

Analyte	Method	Result	RL	Units	Batch	Prepared	Analyzed	Qual
Coliform by 3x5 MTF								
Total Coliform	SM 9221B	**<1.8**	1.8	MPN/100 mL	AGE1270	05/18/23 11:49	05/18/23 11:49	HT1.0

DELLAVALLE™
LABORATORY INC

SUBCONTRACT ORDER

Sending Laboratory:

Dellavalle Laboratory Inc.
1910 McKinley, Ste. 110
Fresno, CA 93728-1298
Phone: (559) 233-6129
Fax: (559) 268-8174

Attn: Kaitlynn Shaw
dataentry@dellavallelab.com

After Hours Contact:

Susan Villagran
559-530-1346
Martin James
559-940-2024

PO# 806602

Subcontracted Laboratory:

BSK & Associates - Stanislaus
687 N. Laverne
Fresno, CA 93727
Phone: (559) 497-2888
Fax: 559 485-6935

Turnaround: Standard ✓ Rush __
State Forms: Yes __ No ✓ Sys#_____

Work Order: 23E1543

Project: R5-1993-0240-002

Analysis

Sample ID: 23E1543-01 ***Monitoring Well***

Sampled: 5/17/2023 9:49AM

Client Sample Name: CO MW-1

Sampled By: Del-Tech/Ashley Putnam

Comments

Coli 3x5 Total Coli:SO

Containers Supplied:

Sample ID: 23E1543-02 ***Monitoring Well***

Sampled: 5/17/2023 10:32AM

Client Sample Name: CO MW-2

Sampled By: Del-Tech/Ashley Putnam

Comments

Coli 3x5 Total Coli:SO

Containers Supplied:

Sample ID: 23E1543-03 ***Monitoring Well***

Sampled: 5/17/2023 11:00AM

Client Sample Name: CO MW-3

Sampled By: Del-Tech/Ashley Putnam

Comments

Coli 3x5 Total Coli:SO

Containers Supplied:

ok to run out of hold time
-KS

Released By	Date	Received By	Date
Released By	Date	Received By	Date

05/18/23 09:50 23E1543

DELLAVALLE LABORATORY, INC.

1910 W. McKinley Avenue, Suite 110 • Fresno, CA 93728
www.dellavallelab.com 559 233-6129 · 800 228-9896 · Fax 559 268-8174

Purchase Order No | Bill To: 25573 Acct # 54 Cons #

Results Need By

No. Samples: 3 No of Bottles: 3

Water Type: [ ] Drinking Water [ ] Wastewater
[ ] Ag Water [ ] Groundwater **[x] Monitoring Well**

Name: City of Ione
Billing Address: 1 East Main Street
City: Ione **State:** CA **Zip:** 95640
Telephone: 209-274-2412
Cell:
Email: twaklee@ione-ca.com
COPY TO: mrock@ione-ca.com
jdoersen@ione-ca.com
REQUESTED BY: Todd Waklee
PROJECT: R5-1993-0240-002
Site: Castle Oak Golf Course

Other:

Analysis and Bottles Required: (*Please indicate Analysis*)

Total Coliform, MPN (3x5 MTF; SM 9221B)

(1-100 mL Sterile Plastic w/$Na_2S_2O_3$) Green **bsk** per site

Quarterly
[ ] Co. Health Dept
[ ] RWQCB [X] Copy of Chain
[ ] State Forms [X] QA/QC Documents

Sampled By: Ashley Putnam / DelTech

	Description of Samples	Date Sampled	Time Sampled	Rec'd Temp °C	Field EC
1	CO MW-1	5/17/23	9:49	-1.5	
2	CO MW-2	"	10:32	3.5	
3	CO MW-3	"	11:00	-1.6	
4					

IR Thermometer SN 221314357
Correction Factor: 0°C
Calibration Due: 6/30/2023
Location: Laboratory

CHAIN OF CUSTODY

Carrier	Signature	Company	Received Date/Time	Relinquished Date/Time
First	Ashley Putnam	DelTech	5/17/23 9:49	5/17/23 13:45
Second	Lisa Rubin	DLI	5/17/23 13:45	5/18/23 8:50
Third				
Fourth				

I guarantee that as the client, or on behalf of client named, I have the authority to contract the above requested services. Should it be found that I do not have such authority, I agree to be personally liable for all costs and, if there should be action against me for this breach, reasonable attorneys' fees. It is understood that payment is expected to be cash with samples unless terms have been previously arranged. Terms are net 30 days; overdue accounts will be charged a liquidated damage fee of 2% per month (annually 24%) or $5.00 per month whichever is greater.

If payment is not made when due and a legitimate dispute exists concerning the product or services of Dellavalle Laboratory, Inc., it will be submitted to mediation under the Rules and Procedures of Creative Alternative to Litigation, Inc. (*cal*). If the dispute is not resolved in mediation, then the dispute will be submitted to binding arbitration through ***cal*** under its Rules and Procedures. The parties will equally bear the costs of mediation/arbitration. If, however, the mediator declares that no legitimate dispute exists, then debtor will pay all mediation and arbitration costs, and in the event of arbitration, reasonable attorneys' fees of Dellavalle Laboratory.

Lisa will invoice

Signature
Sample received in cooler with ice (coolant)
[X] Yes [ ] No

X:\1-CLIENT CUSTOM FIELDSHEETS\FIELDSHEETS\WATERS\City of Ione CO MW Quarterly Total Coliform 1.14.2023

05/18/23 09:50 23E1543

Shipping Information: Shipped In □ Picked-Up □ Walk In □ DLI Sampler □ Other □ _____

Container: Ice Chest □ Box □ None □ **Refrigerant:** Wet Ice □ Blue Ice □ None □

Samples Preserved with HNO_3 or H_2SO_4 were: □ Received Preserved □ Preserved Upon Receipt at Laboratory

	Type of Container(s) Received	Sample Number									
		1	2	3	4	5	6	7	8	9	1
Sample Containers for Internal (DLI) Use *(Containers that go into the Lab)*											
Plastics	100 mL sterile plastic $Na_2S_2O_3$ (Green)										
Plastics	250 mL unpreserved (White) Plastic										
Plastics	250 mL HNO_3 (Red) Plastic										
Plastics	* pH Value										
Plastics	250 mL H_2SO_4 (Yellow) Plastic										
Plastics	* pH Value										
Plastics	500 mL unpreserved (White) Plastic										
Plastics	1 L unpreserved (White) Plastic										
Plastics	1 L unpreserved (BOD) (Purple) Plastic										
Special	500mL unpreserved (White) Glass										
Special	PO4-P Kit										
Special	**Other:**										
Sample Containers for Subcontracted ("Send Out") Analyses *(Containers that go in the Subcontract ("Send Out") Refrigerator)*											
Plastics	100 mL sterile plastic $Na_2S_2O_3$ (Green)	\	\	\							
Plastics	250 mL unpreserved (White) Plastic										
Plastics	250 mL HNO_3 (Red) Plastic										
Plastics	250 mL H_2SO_4 (Yellow) Plastic										
Plastics	500 mL HNO_3 (Red)										
Plastics	1 L unpreserved (White) Plastic										
Plastics	1 L unpreserved (BOD) (Purple) Plastic										
Plastics	1 L HNO_3 (Red)										
VOA Vials	40 mL VOA, $Na_2S_2O_3$ + MCAA (EPA531)										
VOA Vials	40 mL VOA, $Na_2S_2O_3$ (EPA547)										
VOA Vials	40mL AG VOA unpreserved (White) (Set of 3)										
VOA Vials	40 mL AG VOA, $Na_2S_2O_3$ (Green) (Set of 3)										
VOA Vials	40mL VOA, H_3PO_4 (Set of 3)										
VOA Vials	40 mL VOA, HCl (Blue) (Set of 3)										
VOA Vials	40 mL VOA, $Na_2S_2O_3$ (Green) (Set of 3)										
Glass	250 mL AG unpreserved (White)										
Glass	250 mL AG H_2SO_4 (Yellow)										
Glass	250 mL AG $Na_2S_2O_3$ (Green)										
Glass	250 mL AG $Na_2S_2O_3$ + MCAA										
Glass	500 mL glass unpreserved (White)										
Glass	500 mL AG HCl (Blue)										
Glass	1 L AG unpreserved (White)										
Glass	1 L AG H_2SO_4 (Yellow)										
Glass	1 L AG $Na_2S_2O_3$ (Green)										
Glass	1 L AG HCl (Blue)										
Special	Cr^{6+} - 50mL Plastic w/Borate/HCO_3/CO_3										
Special	Cyanide - 500 mL NaOH										
Special	Asbestos - 1L P wrapped in foil (Set of 2)										
Special	Sulfide - 1 L **AG** or **P** NaOH + ZnAc										
Special	Chlorite/Bromate - 250 mL AG with EDA										
Special	HAA5 - 250mL AG Ammonium Chlorite										
Special	DO KIT										

End of Report

AGENDA ITEM G.1.

THE CITY COUNCIL MEETING MINUTES

FOR THE SEPTEMBER 19, 2023 MEETING

ARE BEING CONTINUED TO OCTOBER 17, 2023

CITY OF IONE
IONE, CA 95640

AGENDA ITEM G.2.

DATE: **OCTOBER 3, 2023**

TO: **THE HONORABLE MAYOR AND MEMBERS OF THE CITY COUNCIL**

FROM: **JODI STENECK, FINANCE MANAGER**

SUBJECT: **OCTOBER 3, 2023 WARRANTS**

RECOMMENDED ACTION:
Staff recommends that the council review and approve the attached report for payment totaling $43,667.42

FISCAL IMPACT:
$43,667.42

ATTACHMENTS:
Warrant list dated 10-3-23

Invoice Number	Seq.#	Description	Invoice Date	GL Peri	GL Account Number	Activity #	GL Account Description	Net Invoice Check Amount
AMADOR CO AG BOOSTERS								
91223	1	EVENT CANCELLED RETURN OF DEPOSIT AND RENTAL FEE	09/12/23	09/23	1111-44-4421	0	RENTAL REVENUE	690.00
91223	2	EVENT CANCELLED RETURN OF DEPOSIT AND RENTAL FEE	09/12/23	09/23	9999-00-1050	0	XBP - XPRESS DEPOSIT ACCOUNT	700.00
Total 91223:								1,390.00
AMADOR COUNTY SHERIFF'S DEPT								
91223	1	MONTHLY MOBILE DATA AUGUST 2023	09/12/23	09/23	1111-70-6220	0	OTHER CONTRACTUAL - PD GF	369.75
91223	2	MONTHLY MOBILE DATA AUGUST 2023	09/12/23	09/23	9670-70-6220	0	OTHER CONTRACTUAL - RESTR. PD	302.53
Total 91223:								672.28
AMADOR WATER AGENCY								
005018-001X92023	1	RAW WATER HOWARD PARK	09/01/23	09/23	1111-92-6170	0	UTILITIES - PW GF	8,358.85
Total 005018-001X92023:								8,358.85
005018-002X92023	1	22 W JACKSON ST	09/08/23	09/23	1111-75-6170	0	UTILITIES - FIRE GF	44.00
005018-002X92023	2	22 W JACKSON ST	09/08/23	09/23	9675-75-6170	0	UTILITIES - FIRE	14.67
005018-002X92023	3	22 W JACKSON ST	09/08/23	09/23	9613-75-6170	0	UTILITIES - FIRE MEAS M	14.66
Total 005018-002X92023:								73.33
005018-003X92023	1	1 E MAIN ST	09/08/23	09/23	1111-65-6170	0	UTILITIES - GF ADMIN	213.33
005018-003X92023	2	1 E MAIN ST	09/08/23	09/23	2111-65-6170	0	UTILITIES - GAS TX ADMIN	35.56
005018-003X92023	3	1 E MAIN ST	09/08/23	09/23	3111-65-6170	0	UTILITIES - WWTP ADMIN	71.11
005018-003X92023	4	1 E MAIN ST	09/08/23	09/23	9670-65-6170	0	UTILITIES - PD ADMIN	17.78
005018-003X92023	5	1 E MAIN ST	09/08/23	09/23	9675-65-6170	0	UTILITIES - FIRE ADMIN	17.77
Total 005018-003X92023:								355.55
005018-004X92023	1	39 MAIN & PRESTON AVE	09/08/23	09/23	1111-92-6170	0	UTILITIES - PW GF	68.91
Total 005018-004X92023:								68.91
005018-005X92023	1	OAKRIDGE DRIVE	09/08/23	09/23	1111-92-6170	0	UTILITIES - PW GF	932.03

Invoice Number	Seq.#	Description	Invoice Date	GL Peri	GL Account Number	Activity #	GL Account Description	Net Invoice Check Amount
Total 005018-005X92023:								932.03
005018-006X92023	1	846 SUTTER LANE	09/08/23	09/23	1111-92-6170	0	UTILITIES - PW GF	183.83
Total 005018-006X92023:								183.83
005018-007X92023	1	CASTLE OAKS ENTRANCE	09/08/23	09/23	8221-92-6170	0	UTILITIES - LIGHTING & LANDSCA	152.23
Total 005018-007X92023:								152.23
005018-008X92023	1	437 QUAIL HOLLOW DR	09/08/23	09/23	1111-92-6170	0	UTILITIES - PW GF	846.83
Total 005018-008X92023:								846.83
005018-009X92023	1	431 QUAIL HOLLOW DR	09/08/23	09/23	1111-92-6170	0	UTILITIES - PW GF	824.73
Total 005018-009X92023:								824.73
005018-010X92023	1	425 QUAIL HOLLOW DR	09/08/23	09/23	1111-92-6170	0	UTILITIES - PW GF	245.71
Total 005018-010X92023:								245.71
005018-011X92023	1	ES HWY 124	09/12/23	09/23	1111-92-6170	0	UTILITIES - PW GF	506.43
Total 005018-011X92023:								506.43
005018-012X92023	1	1600 W MARLETTE ST	09/12/23	09/23	1111-92-6170	0	UTILITIES - PW GF	127.62
Total 005018-012X92023:								127.62
005018-013X92023	1	MAIN ST & SACRAMENTO	09/12/23	09/23	1111-92-6170	0	UTILITIES - PW GF	68.91
Total 005018-013X92023:								68.91
005018-014-X92023	1	305 S MILL STREET	09/12/23	09/23	1111-92-6170	0	UTILITIES - PW GF	68.91
Total 005018-014-X92023:								68.91
005018-015X92023	1	10100 FIVE MILE DR	09/12/23	09/23	1111-92-6170	0	UTILITIES - PW GF	77.75

Invoice Number	Seq.#	Description	Invoice Date	GL Peri	GL Account Number	Activity #	GL Account Description	Net Invoice Check Amount
Total 005018-015X92023:								77.75
005018-016X92023	1	ES HWY 124	09/12/23	09/23	1111-92-6170	0	UTILITIES - PW GF	475.49
Total 005018-016X92023:								475.49
005018-017X92023	1	POPLAR ST (GROVER PARK)	09/12/23	09/23	1111-92-6170	0	UTILITIES - PW GF	1,067.17
Total 005018-017X92023:								1,067.17
005018-024X92023	1	17 E MAIN ST	09/08/23	09/23	1111-92-6170	0	UTILITIES - PW GF	68.91
Total 005018-024X92023:								68.91
005018-18X92023	1	600 PRESTON AVE	09/12/23	09/23	1111-75-6170	0	UTILITIES - FIRE GF	136.82
005018-18X92023	2	600 PRESTON AVE	09/12/23	09/23	9675-75-6170	0	UTILITIES - FIRE	45.61
005018-18X92023	3	600 PRESTON AVE	09/12/23	09/23	9613-75-6170	0	UTILITIES - FIRE MEAS M	45.60
Total 005018-18X92023:								228.03
006157-000X92023	1	SEWER LIFT STATION	09/08/23	09/23	3111-92-6170	0	UTILITIES - PW WWTP	68.91
Total 006157-000X92023:								68.91
006352-000X92023	1	CASTLE OAKS MEDIAN 1	09/08/23	09/23	8221-92-6170	0	UTILITIES - LIGHTING & LANDSCA	68.91
Total 006352-000X92023:								68.91
006352-001X92023	1	CASTLE OAKS MEDIAN 2	09/08/23	09/23	8221-92-6170	0	UTILITIES - LIGHTING & LANDSCA	126.37
Total 006352-001X92023:								126.37
006352-002X92023	1	CASTLE OAKS MEDIAN 3	09/08/23	09/23	8221-92-6170	0	UTILITIES - LIGHTING & LANDSCA	68.91
Total 006352-002X92023:								68.91
ATT MOBILITY								
287312741394X910	1	ACCT 287312741394 - PD FIRSTNET 8/23	09/02/23	09/23	1111-70-6160	0	COMMUNICATIONS - PD GF	292.74
287312741394X910	2	ACCT 287312741394 - PD FIRSTNET 8/23	09/02/23	09/23	9670-70-6160	0	COMMUNICATIONS - POLICE	239.52

Invoice Number	Seq.#	Description	Invoice Date	GL Peri	GL Account Number	Activity #	GL Account Description	Net Invoice Check Amount
Total 287312741394X9102023:								532.26
287314845930V910	1	ACCT 287314845930 - FIRSTNET	09/02/23	09/23	1111-75-6160	0	COMMUNICATIONS - FIRE GF	253.91
287314845930V910	2	ACCT 287314845930 - FIRSTNET	09/02/23	09/23	9675-75-6160	0	COMMUNICATIONS - FIRE	84.64
287314845930V910	3	ACCT 287314845930 - FIRSTNET	09/02/23	09/23	9613-75-6160	0	COMMUNICATIONS - FIRE MEAS M	84.64
Total 287314845930V9102023:								423.19
BIG VALLEY PRINTING								
7553	1	10K ENVELOPES	09/05/23	09/23	3111-65-6111	0	OFFICE EXPENSE - ADMIN WWTP	517.01
Total 7553:								517.01
BONHAM, ANDREA								
91923	1	TRAINING PER DIEM	09/19/23	09/23	1111-65-6122	0	TRAINING	177.09
91923	2	TRAINING PER DIEM	09/19/23	09/23	2111-65-6122	0	TRAINING - ADMIN GAS	29.52
91923	3	TRAINING PER DIEM	09/19/23	09/23	3111-65-6122	0	TRAINING - ADMIN WWTP	59.02
91923	4	TRAINING PER DIEM	09/19/23	09/23	9670-65-6122	0	TRAINING - ADMIN	14.76
91923	5	TRAINING PER DIEM	09/19/23	09/23	9675-65-6122	0	TRAINING - ADMIN	14.76
Total 91923:								295.15
COMPUTER BROKERS AND SYSTEMS CORPORATION								
9857	1	IT SUPPORT	07/08/23	09/23	1111-65-6160	0	COMMUNICATIONS - ADMIN GF	456.60
9857	2	IT SUPPORT	07/08/23	09/23	2111-65-6160	0	COMMUNICATIONS - ADMIN GAS TAX	76.10
9857	3	IT SUPPORT	07/08/23	09/23	3111-65-6160	0	COMMUNICATIONS - WWTP ADMIN	152.20
9857	4	IT SUPPORT	07/08/23	09/23	9670-65-6160	0	COMMUNICATIONS - PD ADMIN	38.05
9857	5	IT SUPPORT	07/08/23	09/23	9675-65-6160	0	COMMUNICATIONS - FIRE ADMIN	38.05
9857	6	IT SUPPORT	07/08/23	09/23	1111-70-6160	0	COMMUNICATIONS - PD GF	418.55
9857	7	IT SUPPORT	07/08/23	09/23	9670-70-6160	0	COMMUNICATIONS - POLICE	342.45
9857	8	IT SUPPORT	07/08/23	09/23	1111-75-6160	0	COMMUNICATIONS - FIRE GF	456.60
9857	9	IT SUPPORT	07/08/23	09/23	9675-75-6160	0	COMMUNICATIONS - FIRE	152.20
9857	10	IT SUPPORT	07/08/23	09/23	9613-75-6160	0	COMMUNICATIONS - FIRE MEAS M	152.20
9857	11	IT SUPPORT	07/08/23	09/23	1111-85-6160	0	COMMUNICATIONS - BUILDING GF	304.40
9857	12	IT SUPPORT	07/08/23	09/23	1111-92-6160	0	COMMUNICATIONS - PW GF	155.24
9857	13	IT SUPPORT	07/08/23	09/23	2111-92-6160	0	COMMUNICATIONS - PW	150.68
9857	14	IT SUPPORT	07/08/23	09/23	3111-92-6160	0	COMMUNICATIONS - PW WWTP	150.68

Invoice Number	Seq.#	Description	Invoice Date	GL Peri	GL Account Number	Activity #	GL Account Description	Net Invoice Check Amount
Total 9857:								3,044.00
9878	1	IT SUPPORT AUGUST 2023	08/07/23	09/23	1111-65-6160	0	COMMUNICATIONS - ADMIN GF	456.60
9878	2	IT SUPPORT AUGUST 2023	08/07/23	09/23	2111-65-6160	0	COMMUNICATIONS - ADMIN GAS TAX	76.10
9878	3	IT SUPPORT AUGUST 2023	08/07/23	09/23	3111-65-6160	0	COMMUNICATIONS - WWTP ADMIN	152.20
9878	4	IT SUPPORT AUGUST 2023	08/07/23	09/23	9670-65-6160	0	COMMUNICATIONS - PD ADMIN	38.05
9878	5	IT SUPPORT AUGUST 2023	08/07/23	09/23	9675-65-6160	0	COMMUNICATIONS - FIRE ADMIN	38.05
9878	6	IT SUPPORT AUGUST 2023	08/07/23	09/23	1111-70-6160	0	COMMUNICATIONS - PD GF	418.55
9878	7	IT SUPPORT AUGUST 2023	08/07/23	09/23	9670-70-6160	0	COMMUNICATIONS - POLICE	342.45
9878	8	IT SUPPORT AUGUST 2023	08/07/23	09/23	1111-75-6160	0	COMMUNICATIONS - FIRE GF	456.60
9878	9	IT SUPPORT AUGUST 2023	08/07/23	09/23	9675-75-6160	0	COMMUNICATIONS - FIRE	152.20
9878	10	IT SUPPORT AUGUST 2023	08/07/23	09/23	9613-75-6160	0	COMMUNICATIONS - FIRE MEAS M	152.20
9878	11	IT SUPPORT AUGUST 2023	08/07/23	09/23	1111-85-6160	0	COMMUNICATIONS - BUILDING GF	304.40
9878	12	IT SUPPORT AUGUST 2023	08/07/23	09/23	1111-92-6160	0	COMMUNICATIONS - PW GF	155.24
9878	13	IT SUPPORT AUGUST 2023	08/07/23	09/23	2111-92-6160	0	COMMUNICATIONS - PW	150.68
9878	14	IT SUPPORT AUGUST 2023	08/07/23	09/23	3111-92-6160	0	COMMUNICATIONS - PW WWTP	150.68
Total 9878:								3,044.00
9906	1	IT SUPPORT SEPT 2023	09/09/23	09/23	1111-65-6160	0	COMMUNICATIONS - ADMIN GF	456.60
9906	2	IT SUPPORT SEPT 2023	09/09/23	09/23	2111-65-6160	0	COMMUNICATIONS - ADMIN GAS TAX	76.10
9906	3	IT SUPPORT SEPT 2023	09/09/23	09/23	3111-65-6160	0	COMMUNICATIONS - WWTP ADMIN	152.20
9906	4	IT SUPPORT SEPT 2023	09/09/23	09/23	9670-65-6160	0	COMMUNICATIONS - PD ADMIN	38.05
9906	5	IT SUPPORT SEPT 2023	09/09/23	09/23	9675-65-6160	0	COMMUNICATIONS - FIRE ADMIN	38.05
9906	6	IT SUPPORT SEPT 2023	09/09/23	09/23	9670-70-6160	0	COMMUNICATIONS - POLICE	342.45
9906	7	IT SUPPORT SEPT 2023	09/09/23	09/23	9675-75-6160	0	COMMUNICATIONS - FIRE	152.20
9906	8	IT SUPPORT SEPT 2023	09/09/23	09/23	9613-75-6160	0	COMMUNICATIONS - FIRE MEAS M	152.20
9906	9	IT SUPPORT SEPT 2023	09/09/23	09/23	1111-92-6160	0	COMMUNICATIONS - PW GF	155.24
9906	10	IT SUPPORT SEPT 2023	09/09/23	09/23	2111-92-6160	0	COMMUNICATIONS - PW	150.68
9906	11	IT SUPPORT SEPT 2023	09/09/23	09/23	3111-92-6160	0	COMMUNICATIONS - PW WWTP	150.68
9906	12	IT SUPPORT SEPT 2023	09/09/23	09/23	1111-70-6160	0	COMMUNICATIONS - PD GF	418.55
9906	13	IT SUPPORT SEPT 2023	09/09/23	09/23	1111-75-6160	0	COMMUNICATIONS - FIRE GF	456.60
9906	14	IT SUPPORT SEPT 2023	09/09/23	09/23	1111-85-6160	0	COMMUNICATIONS - BUILDING GF	304.40
Total 9906:								3,044.00
DEPARTMENT OF JUSTICE								
679023	1	BACKGROUND CHECK	09/06/23	09/23	1111-70-6123	0	STAFF RECRUIT - PD GF	36.30
679023	2	BACKGROUND CHECK	09/06/23	09/23	9670-70-6123	0	STAFF RECRUIT - RESTRICTED PD	29.70

Invoice Number	Seq.#	Description	Invoice Date	GL Peri	GL Account Number	Activity #	GL Account Description	Net Invoice Check Amount
Total 679023:								66.00
ECO URBAN DESIGNS INC.								
1772	1	FIELD SERVICES SEPT 1ST - 20TH	09/01/23	09/23	8221-92-6221	0	PROF SERVICES - CFD	2,159.00
Total 1772:								2,159.00
HINDERLITER DELLAMAS & ASSOCIATES								
SIN031232	1	SALES TAX CONTRACT SERVICES JULY - SEPT. 2023	09/11/23	09/23	1111-65-6215	0	PROF & SPEC SERV. - OTHER	1,193.48
Total SIN031232:								1,193.48
HR DYNAMICS & PERFORMANCE MGMNT INC.								
7192023	1	TASK 7 HR CONSULTING SERVICES	07/19/23	09/23	1111-65-6215	0	PROF & SPEC SERV. - OTHER	3,000.00
Total 7192023:								3,000.00
IONE PHARMACY								
193X82023	1	MEDICAL RESTOCK	08/31/23	09/23	1111-75-6120	0	SPECIAL DEPARTMENTAL EXPENSE	13.07
193X82023	2	MEDICAL RESTOCK	08/31/23	09/23	9675-75-6120	0	SPECIAL DEPT - RESTRICTED FIRE	4.36
193X82023	3	MEDICAL RESTOCK	08/31/23	09/23	9613-75-6120	0	SPEC DEPT - MEASURE M FIRE	4.36
Total 193X82023:								21.79
JACKSON TIRE SERVICE INC								
SEPT2023 STATEM	1	FD - TIRE SERVICES	09/22/23	09/23	1111-75-6202	0	VEHICLE MAINT. - FIRE GF	47.66
SEPT2023 STATEM	2	FD - TIRE SERVICES	09/22/23	09/23	9675-75-6202	0	VEHICLE MAINT. - FIRE	15.89
SEPT2023 STATEM	3	FD - TIRE SERVICES	09/22/23	09/23	9613-75-6202	0	VEHICLE MAINT - FIRE MEAS M	15.89
Total SEPT2023 STATEMENT:								79.44
JB'S AWARDS & ENGRAVING								
5308	1	NAME PLATE	08/14/23	09/23	1111-94-6111	0	OFFICE EXPENSE	21.55
Total 5308:								21.55
JODI STENECK								
91920	1	TRAINING PER DIEM	09/19/23	09/23	1111-65-6122	0	TRAINING	90.00
91920	2	TRAINING PER DIEM	09/19/23	09/23	2111-65-6122	0	TRAINING - ADMIN GAS	15.00

Invoice Number	Seq.#	Description	Invoice Date	GL Peri	GL Account Number	Activity #	GL Account Description	Net Invoice Check Amount
91920	3	TRAINING PER DIEM	09/19/23	09/23	3111-65-6122	0	TRAINING - ADMIN WWTP	30.00
91920	4	TRAINING PER DIEM	09/19/23	09/23	9670-65-6122	0	TRAINING - ADMIN	7.50
91920	5	TRAINING PER DIEM	09/19/23	09/23	9675-65-6122	0	TRAINING - ADMIN	7.50
Total 91920:								150.00
LEDGER DISPATCH								
39747	1	PUBLIC NOTICE - PW MAINTENANCE WORKER I	09/01/23	09/23	1111-92-6123	0	STAFF RECRUITMENT	21.95
Total 39747:								21.95
LEXIPOL LLC								
INVCOR1231	1	CORDICO LAW ENFORCEMENT WELLNESS APP	09/20/23	09/23	1111-70-6120	0	SPECIAL DEPARTMENTAL EXPENSE	1,799.10
Total INVCOR1231:								1,799.10
PG & E								
2002821263-5X920	1	9255 DAVE BRUEBECK RD	09/11/23	09/23	1111-92-6170	0	UTILITIES - PW GF	89.35
2002821263-5X920	2	9255 DAVE BRUEBECK RD	09/11/23	09/23	2111-92-6170	0	UTILITIES - PW GAS TAX	86.72
2002821263-5X920	3	9255 DAVE BRUBECK RD	09/11/23	09/23	3111-92-6170	0	UTILITIES - PW WWTP	86.71
Total 2002821263-5X92023:								262.78
2295434942-3X920	1	9830 FIVE MILE DR	09/12/23	09/23	1111-92-6170	0	UTILITIES - PW GF	14.33
2295434942-3X920	2	9830 FIVE MILE DR	09/12/23	09/23	2111-92-6170	0	UTILITIES - PW GAS TAX	13.91
2295434942-3X920	3	9830 FIVE MILE DR	09/12/23	09/23	3111-92-6170	0	UTILITIES - PW WWTP	13.91
Total 2295434942-3X92023:								42.15
2728576498-4X920	1	1600 W MARLETTE ST	09/12/23	09/23	1111-92-6170	0	UTILITIES - PW GF	8.94
2728576498-4X920	2	1600 W MARLETTE ST	09/12/23	09/23	2111-92-6170	0	UTILITIES - PW GAS TAX	8.67
2728576498-4X920	3	1600 W MARLETTE ST	09/12/23	09/23	3111-92-6170	0	UTILITIES - PW WWTP	8.67
Total 2728576498-4X92023:								26.28
2811909826-8X920	1	1600 W MARLETTE ST	09/12/23	09/23	3111-92-6170	0	UTILITIES - PW WWTP	8.67
2811909826-8X920	2	1600 W MARLETTE ST	09/12/23	09/23	1111-92-6170	0	UTILITIES - PW GF	8.94
2811909826-8X920	3	1600 W MARLETTE ST	09/12/23	09/23	2111-92-6170	0	UTILITIES - PW GAS TAX	8.67

Invoice Number	Seq.#	Description	Invoice Date	GL Peri	GL Account Number	Activity #	GL Account Description	Net Invoice Check Amount
Total 2811909826-8X92023:								26.28
2936909818-0X920	1	10100 5 MILE DR	09/12/23	09/23	1111-92-6170	0	UTILITIES - PW GF	14.04
2936909818-0X920	2	10100 5 MILE DR	09/12/23	09/23	2111-92-6170	0	UTILITIES - PW GAS TAX	13.62
2936909818-0X920	3	10100 5 MILE DR	09/12/23	09/23	3111-92-6170	0	UTILITIES - PW WWTP	13.62
Total 2936909818-0X92023:								41.28
3034727877-9X920	1	W MARLETTE & MANOR	09/12/23	09/23	1111-75-6170	0	UTILITIES - FIRE GF	42.35
3034727877-9X920	2	W MARLETTE & MANOR	09/12/23	09/23	9675-75-6170	0	UTILITIES - FIRE	14.12
3034727877-9X920	3	W MARLETTE & MANOR	09/12/23	09/23	9613-75-6170	0	UTILITIES - FIRE MEAS M	14.11
Total 3034727877-9X92023:								70.58
3159727869-1X920	1	STREET LIGHTS	09/12/23	09/23	8221-92-6170	0	UTILITIES - LIGHTING & LANDSCA	2,215.95
Total 3159727869-1X92023:								2,215.95
7090487111-1X920	1	305 MILL ST/DEPOT PARK	09/12/23	09/23	1111-92-6170	0	UTILITIES - PW GF	3.57
7090487111-1X920	2	305 MILL ST/DEPOT PARK	09/12/23	09/23	2111-92-6170	0	UTILITIES - PW GAS TAX	3.47
7090487111-1X920	3	305 MILL ST/DEPOT PARK	09/12/23	09/23	3111-92-6170	0	UTILITIES - PW WWTP	3.47
Total 7090487111-1X92023:								10.51
QUADIENT LEASING USA INC.								
N10110376	1	MONTHLY COPIER LEASE	09/12/23	09/23	1111-65-6220	0	OTHER CONTRACTUAL SERVICES	74.09
N10110376	2	MONTHLY COPIER LEASE	09/12/23	09/23	2111-65-6220	0	CONTRACTUAL OTHER - GAS ADMIN	12.35
N10110376	3	MONTHLY COPIER LEASE	09/12/23	09/23	3111-65-6220	0	CONTRACTUAL SERV - WWTP ADMIN	24.70
N10110376	4	MONTHLY COPIER LEASE	09/12/23	09/23	9670-65-6220	0	CONTRACTUAL - PD ADMIN	6.17
N10110376	5	MONTHLY COPIER LEASE	09/12/23	09/23	9675-65-6220	0	CONTRACTUAL SERV - FIRE ADMIN	6.17
N10110376	6	MONTHLY COPIER LEASE	09/12/23	09/23	1111-70-6220	0	OTHER CONTRACTUAL - PD GF	67.91
N10110376	7	MONTHLY COPIER LEASE	09/12/23	09/23	9670-70-6220	0	OTHER CONTRACTUAL - RESTR. PD	55.54
N10110376	8	MONTHLY COPIER LEASE	09/12/23	09/23	1111-75-6220	0	OTHER CONTRACT SERV.- GF FIRE	74.09
N10110376	9	MONTHLY COPIER LEASE	09/12/23	09/23	9675-75-6220	0	OTHER CONTRACT SERV - FIRE	24.70
N10110376	10	MONTHLY COPIER LEASE	09/12/23	09/23	9613-75-6220	0	OTHER CONTRACT SERV - FIRE RES	24.70
N10110376	11	MONTHLY COPIER LEASE	09/12/23	09/23	1111-85-6220	0	OTHER CONTRACT SERV - GF BUILD	49.39
N10110376	12	MONTHLY COPIER LEASE	09/12/23	09/23	1111-92-6220	0	OTHER CONTRACT SERV - GF PW	25.19
N10110376	13	MONTHLY COPIER LEASE	09/12/23	09/23	2111-92-6220	0	OTHER CONTRACT SERV - GAS PW	24.45
N10110376	14	MONTHLY COPIER LEASE	09/12/23	09/23	3111-92-6220	0	OTHER CONTRACT SERV - WWTP PW	24.45

Invoice Number	Seq.#	Description	Invoice Date	GL Peri	GL Account Number	Activity #	GL Account Description	Net Invoice Check Amount
Total N10110376:								493.90
SUN BADGE COMPANY								
415097	1	BADGES	09/01/23	09/23	1111-75-6140	0	CLOTHING / UNIFORM FIRE	884.20
415097	2	BADGES	09/01/23	09/23	9675-75-6140	0	CLOTHING/UNIFORM - FIRE	294.73
415097	3	BADGES	09/01/23	09/23	9613-75-6140	0	CLOTHING/UNIFORM - FIRE	294.74
Total 415097:								1,473.67
TOUCH FREE EXPRESS CAR WASH								
19990X92023	1	PD VEHICLE WASHES	09/01/23	09/23	1111-70-6202	0	VEHICLE MAINT. - POLICE GF	129.25
19990X92023	2	PD VEHICLES WASHES	09/01/23	09/23	9670-70-6202	0	VEHICLE MAINT. - POLICE	105.75
Total 19990X92023:								235.00
USA BLUEBOOK								
INV00108815	1	UNIVERSAL CHART PENS SERIES 39	08/18/23	09/23	3111-92-8813	0	CAPITAL OTHER - WWTP PW	326.70
Total INV00108815:								326.70
WEBER GHIO & ASSOC. INC								
12220	1	BUILDING DEPT ASSISTANCE	09/11/23	09/23	1111-85-6216	0	PROF SERVICES - BLDG INSPECTOR	1,903.82
Total 12220:								1,903.82
Total :								43,667.42
Grand Totals:								43,667.42

Summary by General Ledger Account Number

GL Account Number	Debit	Credit	Net
1111-44-4421	690.00	.00	690.00
1111-65-6122	267.09	.00	267.09
1111-65-6160	1,369.80	.00	1,369.80

Summary by General Ledger Account Number

GL Account Number	Debit	Credit	Net
1111-65-6170	213.33	.00	213.33
1111-65-6215	4,193.48	.00	4,193.48
1111-65-6220	74.09	.00	74.09
1111-70-6120	1,799.10	.00	1,799.10
1111-70-6123	36.30	.00	36.30
1111-70-6160	1,548.39	.00	1,548.39
1111-70-6202	129.25	.00	129.25
1111-70-6220	437.66	.00	437.66
1111-75-6120	13.07	.00	13.07
1111-75-6140	884.20	.00	884.20
1111-75-6160	1,623.71	.00	1,623.71
1111-75-6170	223.17	.00	223.17
1111-75-6202	47.66	.00	47.66
1111-75-6220	74.09	.00	74.09
1111-85-6160	913.20	.00	913.20
1111-85-6216	1,903.82	.00	1,903.82
1111-85-6220	49.39	.00	49.39
1111-92-6123	21.95	.00	21.95
1111-92-6160	465.72	.00	465.72
1111-92-6170	14,061.25	.00	14,061.25
1111-92-6220	25.19	.00	25.19
1111-94-6111	21.55	.00	21.55
2111-65-6122	44.52	.00	44.52
2111-65-6160	228.30	.00	228.30
2111-65-6170	35.56	.00	35.56
2111-65-6220	12.35	.00	12.35
2111-92-6160	452.04	.00	452.04
2111-92-6170	135.06	.00	135.06
2111-92-6220	24.45	.00	24.45
3111-65-6111	517.01	.00	517.01
3111-65-6122	89.02	.00	89.02
3111-65-6160	456.60	.00	456.60
3111-65-6170	71.11	.00	71.11
3111-65-6220	24.70	.00	24.70
3111-92-6160	452.04	.00	452.04
3111-92-6170	203.96	.00	203.96
3111-92-6220	24.45	.00	24.45
3111-92-8813	326.70	.00	326.70

Summary by General Ledger Account Number

GL Account Number	Debit	Credit	Net
8221-92-6170	2,632.37	.00	2,632.37
8221-92-6221	2,159.00	.00	2,159.00
9613-75-6120	4.36	.00	4.36
9613-75-6140	294.74	.00	294.74
9613-75-6160	541.24	.00	541.24
9613-75-6170	74.37	.00	74.37
9613-75-6202	15.89	.00	15.89
9613-75-6220	24.70	.00	24.70
9670-65-6122	22.26	.00	22.26
9670-65-6160	114.15	.00	114.15
9670-65-6170	17.78	.00	17.78
9670-65-6220	6.17	.00	6.17
9670-70-6123	29.70	.00	29.70
9670-70-6160	1,266.87	.00	1,266.87
9670-70-6202	105.75	.00	105.75
9670-70-6220	358.07	.00	358.07
9675-65-6122	22.26	.00	22.26
9675-65-6160	114.15	.00	114.15
9675-65-6170	17.77	.00	17.77
9675-65-6220	6.17	.00	6.17
9675-75-6120	4.36	.00	4.36
9675-75-6140	294.73	.00	294.73
9675-75-6160	541.24	.00	541.24
9675-75-6170	74.40	.00	74.40
9675-75-6202	15.89	.00	15.89
9675-75-6220	24.70	.00	24.70
9999-00-1050	700.00	.00	700.00
Grand Totals:	43,667.42	.00	43,667.42

Summary by General Ledger Posting Period

GL Posting Period	Debit	Credit	Net
09/23	43,667.42	.00	43,667.42
Grand Totals:	43,667.42	.00	43,667.42

AGENDA ITEM H.1.

THE PUBLIC HEARING FOR THE

ADOPTION OF ORDINANCE NO. 532

AMENDING THE IONE MUNICIPAL CODE, TITLE 17

ZONING, TABLIE 17.40.050-1 PROJECT

PARKING REQUIREMENTS BY LAND USE

IS BEING CONTINUED TO THE

OCTOBER 17, 2023 MEETING

CITY OF IONE
IONE, CA 95640

AGENDA ITEM I.1.

DATE: **OCTOBER 3, 2023**

TO: **THE HONORABLE MAYOR AND MEMBERS OF THE CITY COUNCIL**

FROM: **JONATHAN MITCHELL, CITY ENGINEER**

SUBJECT: **TRAIN DEPOT PARK STATUS UPDATE**

RECOMMENDED ACTION:

For information only.

FISCAL IMPACT:

Fiscal impact has yet to be determined.

BACKGROUND:
Development of the City parcel for the Train Depot Park has been an ongoing project for the City of Ione. After initial planning, the City contracted with Weatherby-Reynolds-Fritson for preparation of design details and plans were completed and submitted to the City in 2019. Based on this, the City pursued grant funds for construction and in November 2020, the City was awarded the California State Department of Parks and Recreation Grant for $177,952 for park improvements and construction activities. This award did not meet the total need of the project, however allowed funding to further refine design details and begin construction activities. Based on this, the City then initiated a program wherein volunteer labor would be utilized to reduce the cost requirements of the project and engage the Community in project development and construction. This program was later reevaluated, and subsequently terminated to pursue a traditional design-bid-build process. Bid documents were then prepared and advertised in January of 2023. Bids were received and evaluated as exceeding available funds and therefore rejected. In a continued effort to achieve the highest value and community engagement a meeting was held with the California State Department of Parks and Recreation grant administration staff to explore options for the use of City workers and equipment, material acquisition processes as well as community volunteer teams. Based on this meeting the grant administration team detailed the process whereby volunteer support could be utilized to continue construction in compliance with the grant funds.

The City came back to the Parks and Recreation Commission on April 25, 2023, for staff direction on proceeding with the project. After discussion, a recommendation was made to

conduct a phased approach over time to alleviate the cost burden. Moving forward a phased-delivery approach was prepared with updated and reviewed with volunteer team members and grant administration staff. Based on this continued coordination with volunteer team members and initiation of the phased-delivery approach has continued.

The portions of the park completed and partially completed up to this point include a shade structure, play structure, restroom, and areas of sidewalk. There is also playground site layout details that are not code compliant and will need to be reworked. Areas that have yet to be completed include fence extension, parking area, and utilities, including drainage and electrical, water and sewer.

DISCUSSION:

The City Engineer has developed a proposed phasing plan that is broken out into five distinct phases complete with estimated costs for each one. The intent with this approach is recognizing that all phases are not funded by the current grant award and require prioritization of work which provides the highest community benefit first as well as completion of required core infrastructure. Phase one includes clearing of brush, leveling some areas of the park and meeting site-drainage requirements. Two stormwater systems are being considered (based on cost and value), drainage to a new manhole in West Marlette and an onsite retention basin and wet well. Phase two encompasses necessary concrete work and parking lot installation. Phase three proposes adding in the ADA drinking fountain and building the restroom. A Pre-Fab restroom is being offered as an alternative utilizing utilities already placed by the volunteer team. Phase five will be the finishing touches to the park which includes landscaping and irrigation. Artificial turf is also being considered as alternative to grass.

As construction activities have been initiated based on the phased delivery approach, current activities include utility site surveys, drainage design and specifications for construction and items identified in Phase 1 of the plan. Community members are engaged, and we anticipate more visible site work beginning in the Spring as soils lend themselves for grading and drainage excavations.

The construction phasing plan will be presented by PowerPoint during Council Meeting.

CITY OF IONE
IONE, CA 95640

AGENDA ITEM I.2.

DATE: **OCTOBER 3, 2023**

TO: **THE HONORABLE MAYOR AND MEMBERS OF THE CITY COUNCIL**

FROM: **KASEY GUEVARA, ADMNISTRATIVE ANALYST**

SUBJECT: **CITY OPERATED RECREATION PROGRAM**

RECOMMENDED ACTION:

Adopt Resolution 2023-*Approving the Recommendation from the Parks and Recreation Commission to Establish a City of Ione Recreation Program and Cease the Per Capita Payment to Amador County Recreation Agency.

FISCAL IMPACT:

Adopting the Resolution would require a Budget Adjustment to increase the amount for recreation by roughly $5,000. This funding would then then be allocated to a new position of Recreation Coordinator rather than sending the funds to ACRA. The City did budget the roughly $35,000 for ACRA in the 2023-2024 fiscal year budget.

BACKGROUND:

The City is part of the Amador County Recreation Agency, ACRA. ACRA is comprised of the cities and the county of Amador. ACRA works countywide to provide recreation programs such as bingo, trivia night, and 5k runs. To do this, ACRA charges each city a per capita participation fee. The membership fee for the City of Ione this year would be $34,450 which is shown in Attachment A. The membership fee does not include what the City paid for pool services this season which was an additional $18,418.71. Over the past six fiscal years the City has paid ACRA a total of $272,461.90. These payments are illustrated in Attachment B.

Over the last several months, the Parks and Recreation Commission has asked ACRA to provide an overview of what programs are provided in Ione and how those could be improved. They have also invited the Executive Director to attend Commission meetings numerous times. At the May 23, 2023 Parks and Recreation Commission meeting ACRA's Executive Director provided an information update. At that same meeting Commissioners expressed frustration with the difficulty of getting the Executive Director to attend meetings and provide requested information. Commissioners expressed interest in wanting information from ACRA on how

much money is to be allocated to Ione and how it would be utilized for recreation programs. Finally, at the August 29, 2023 Parks and Recreation Commission meeting the Executive Director provided an overview of some options that they could possibly provide for the 2023-2024 fiscal year. They included:

- Youth programs (Little Leapers, Challenger Sports)
- Older youth programs (table tennis, cornhole at EB Hall)
- Expanded Adult Programs (bingo, trivia nights, art classes)

The only programs that ACRA currently offers in the City of Ione are the Kids Afternoon Program (KAP) at Ione Elementary and Bingo once a month at Castle Oaks Golf Club. ACRA has offered some of these proposed programs in the past such as Challenger Sports for soccer but at the May 23, 2023 Parks and Recreation Commission it was brought up that they have been unreliable in the past with coaches not showing up and parents getting refunded due to cancellations.

During the August 29, 2023 meeting city staff offered that they believed the City could provide a more robust program that would offer more options for the community at nearly the same cost. To that end, the Commission directed staff to present the possibility of a hybrid option and a city only recreation option.

At the September 26, 2023 Parks and Recreation Commission meeting, staff presented a plan on how the City can move forward in establishing its own City owned and operated recreation program at a comparable cost to what is currently being paid to ACRA. Staff presented a plan that includes hiring a part-time Recreation Coordinator that would work with the Parks and Recreation Commission on getting various programs and activities established in the City. Furthermore, pursuing the option of establishing a City owned and operated program would mean ceasing membership payment to ACRA and utilizing that allocated $34,450 to establish the recreation program.

DISCUSSION:

The Plan, as presented, would allow for the City to hire a Recreation Coordinator to coordinate recreation related activities throughout the City. This position as illustrated in Attachment C would coordinate classes, programs, rentals, social media relating to recreation, and other areas that relate to leisure activities. Staff believes that the initial cost of this program would be $40,849 which is also broken down in Attachment C. This would enable the City to hire a Recreation Coordinator for 24hours/per week. Responsibilities would include: Coordination with community groups regarding events, organization of programs, and administering staffing and location needs. This role would also be responsible for posting on social media, establishing an Adopt A Park program, maintaining sponsorships and orchestrating and hosting community clean-up days.

Based on the population and demographics of the City, staff brainstormed possibilities and put together simple cost accounting on how these could be achieved as a revenue offset for the position which is calculated in Attachment D. Attachment E provides an overview of recreation programs and potential classes that could be provided, while Attachment F provides an overview of proposed special events. Attachments G-K provide examples of similar events being offered by other cities. A range of programs and classes could include items listed below but would be based on the needs of the community. Furthermore, the Commission would work with a Recreation Coordinator to establish desired programs and service levels.

- Yoga
- Tai Chi
- Cooking
- Line Dancing
- Sip/Paint
- Summer youth programs
- Adult sport leagues (softball, cornhole, horseshoes etc.)
- Community Events (Movie nights, 4th of July at Howard Park, 5K color run)

Additionally, staff believes that a summer youth program broken down in Attachment L, could be created that would engage our youth in the history, industries, and experiences of Ione. The Outdoor Equity Grants Program is a competitive grant that offers applicants the opportunity to request up to $700,000 for outdoor recreational activities in their communities. The grant is designed to fund transportation, logistics, program operations and capacity costs associated with reaching historically underserved urban and rural communities throughout California.

Applicants should identify a Community Home Base in the community that serves as a central gathering place where access would be gained to the proposed activities or programs. The second step would be choosing activities the community would participate in from that central Community Home Base-an example being the proposed summer youth program. Facilities like EB Hall could be used as the central meeting location for kids to meet for daily activities associated with the program. The third step requires the engagement of residents that live primarily within a half-mile of the Community Home Base to be engaged. This includes adults, families and children alike.

Round 2 for the Outdoor Equity Program was announced over the summer and the application due date is December 14, 2023. Grant announcements will be made in the summer 2024 with the approximate program start dating being summer or fall of 2024. Program operation is roughly three years after the date of the grant award. With a recommendation from the Parks and Recreation Commission, this grant submittal would need to be approved by the City Council.

ATTACHMENTS:

Attachment A- Amador County Recreation Agency July Invoice

Attachment B- Amador County Recreation Agency Payment History
Attachment C- Recreation Coordinator
Attachment D- Cost Summary
Attachment E- Proposed Classes/Activities
Attachment F- Proposed Special Events
Attachment G- City of Lodi Outdoor Camp Flyer
Attachment H- City of Gustine Movie Night Flyer
Attachment I- City of Folsom Recreation Flyer
Attachment J- Summer Fest Flyer
Attachment K- El Dorado Hills Parks Flyer
Attachment L- Proposed Youth Activities
Attachment - Resolution 2023-*Approving the Recommendation from the Parks and Recreation Commission to Establish a City of Ione Recreation Program and Cease the Per Capita Payment to Amador County Recreation Agency.

Received
JUL 13 2023
City of Ione

ATTACHMENT A

Invoice No. MF-2324

Amador County Recreation Agency

INVOICE

Customer

Name	City of Ione		
Address	1 East Main Street		
City	Ione	State CA	ZIP 95640
Phone			

Misc

Date	7/15/2023
Order No.	
Rep	
FOB	

Pop	Description	Membership	TOTAL
5300	Membership Fees for FY23/24 5300 population @ $6.50 per capita	$ 6.50	$ 34,450.00
	Pleas Pay By 8/15/2023		
	Thank you for your continued support of ACRA		
	Justin Howard and Amador Rec staff		

SubTotal	$ 34,450.00
Shipping	
Tax Rate(s)	
TOTAL	$ 34,450.00

Payment Select One...

Comments
Name
CC #
Expires

Office Use Only

ACRA 10877 Conductor Blvd., Suite 100, Sutter Creek, Ca. 95685 (209)223-6349

Everybody gets to PLAY!

Attachment B

ACRA								
		2023-24	2022-23	2021-22	2020-21	2019-20	2018-19	Total
Swimming Pool		$ 18,418.71	$ 29,631.26	$ 23,573.92	$ 19,991.19	$ 12,457.43	$ 9,364.39	$ 113,436.90
Impact Fees		$ -	$ -	$ 16,465.00	$ -	$ -	$ -	$ 16,465.00
Membership Contribution		*$ 34,450.00*	$ 32,110.00	$ 20,000.00	$ 14,000.00	$ 21,000.00	$ 21,000.00	$ 142,560.00
Total		$ 52,868.71	$ 61,741.26	$ 60,038.92	$ 33,991.19	$ 33,457.43	$ 30,364.39	$ 272,461.90

Expense						
	Salary	**City Paid Taxes**	**Health**	**Misc**		**Total**
24 hrs/week- $24/hr	$ 29,952	$ 2,097	$ 8,000	$ 800		$ 40,849
Duties:						
Coordination with community groups regarding events; various groups, social media posting						
Organziation of programs, staffing, location						
Create and manage all city events						
Establish Adopt A Park program						
Maintain sponsorships						
Host and organize community clean up days						

Cost Summary for Parks and Recreation Program			
		Summer Youth Program	*-4,400.00*
		Special Youth Activities	*475.00*
		Adult Activities	*71,223.00*
		Events	*-1,350.00*
		Total Yearly Revenue	*$65,948.00*
		Coordinator	*$40,849.00*
		Revenue	*$25,099.00*

Attachment E

Potential Classes		DRAFT Ione					City of Gustine				City of Galt				City of Lodi				City of Folsom		
		Estimated Revenue	**Cost of Class**	**Instructor Expense**	***Difference***	**Estimated Revenue**	**Cost of Class**	**Instructor Expense**	***Difference***	**Estimated Revenue**	**Cost of Class**	**Instructor Expense**	***Difference***	**Estimated Revenue**	**Cost of Class**	**Instructor Expense**	***Difference***	**Estimated Revenue**	**Cost of Class**	**Instructor Expense**	***Difference***
		Estimated Number of Participants				Estimated Number of Participants				Estimated Number of Participants				Estimated Number of Participants				Estimated Number of Participants			
	Tai Chi	5	$10.00	$17.00	*$33.00*	5	$7			5	$6	$19.75	$10.25	5	$12.75	$17.56	$46.19				
	Yoga	5	$10.00	$17.00	*$33.00*					5	$3	$19.75	-$4.75					5	$11	$17	$38
	Line Dancing	8	$10.00	$17.00	*$63.00*																
	CPR/First Aid	8	$85.00	$71.61	*$608.39*																
	Cooking	8	$35.00	$23.05	*$256.95*													10	$35	24.15	$325.85
	Paint/Sip	8	$35.00	$23.05	*$256.95*																
Swimming																					
	Water Aerobics	7	$7.00	$17.00	*$32.00*	10	$2.50	$17.00	$8.00									7	$7	$17	$32
	Lap Swim	10	$6.00	$17.00	*$43.00*	10	$2.50	$17.00	$8.00	10	$6.00	$19.75	$40.25					6	$5	$17	$13
	Float and Fit	7	$6.00	$17.00	*$25.00*																
Leagues																					
	Cornhole League	Team	$35.00	$18.11	*$16.89*	Team	$50	$18	$32												
	Horseshoes	Team	$30.00	$18.11	*$11.89*																
	Softball	Team	$62.50	$18.11	*$44.39*					Team	$64.00	$18.65	$45.35	Team	$68.75	$25.00	$43.25				
					$1,424.46																

ATTACHMENT F

Possible Events to Coordinate			Estimated Revenue	Cost/Class	Expense	Difference
			Number of Participants			
	Movie Night @ HP during the summer		50	$0.00	$250.00	-$250.00
	Summer Concerts at HP		100	$0.00	$2,000.00	-$2,000.00
	Summer Fest		100	$0.00	$1,500.00	-$1,500.00
	5K Run		100	$35.00	$700.00	$2,800.00
	Cornhole/horseshoe Tournaments		10	$35.00	$250.00	$100.00
	4th of July at HP		100	$10.00	$1,500.00	-$500.00
						-$1,350.00

JUNE 26 - 30
Conserving Resources
JULY 3 - 28
Marine Life Education
(closed 4th of July)
OCTOBER 2 - 13
Surviving the Outdoors
MARCH 30 - 27
Self Discovery in Nature

OUTDOOR CAMP

FREE YOUTH CAMP PROGRAM FOR AGES 12-14

MON - FRI / 8AM-4PM

SWIMMING - FISHING - KAYAKING
ENVIRONMENTAL CONSERVATION
FIRE SAFETY AND MORE

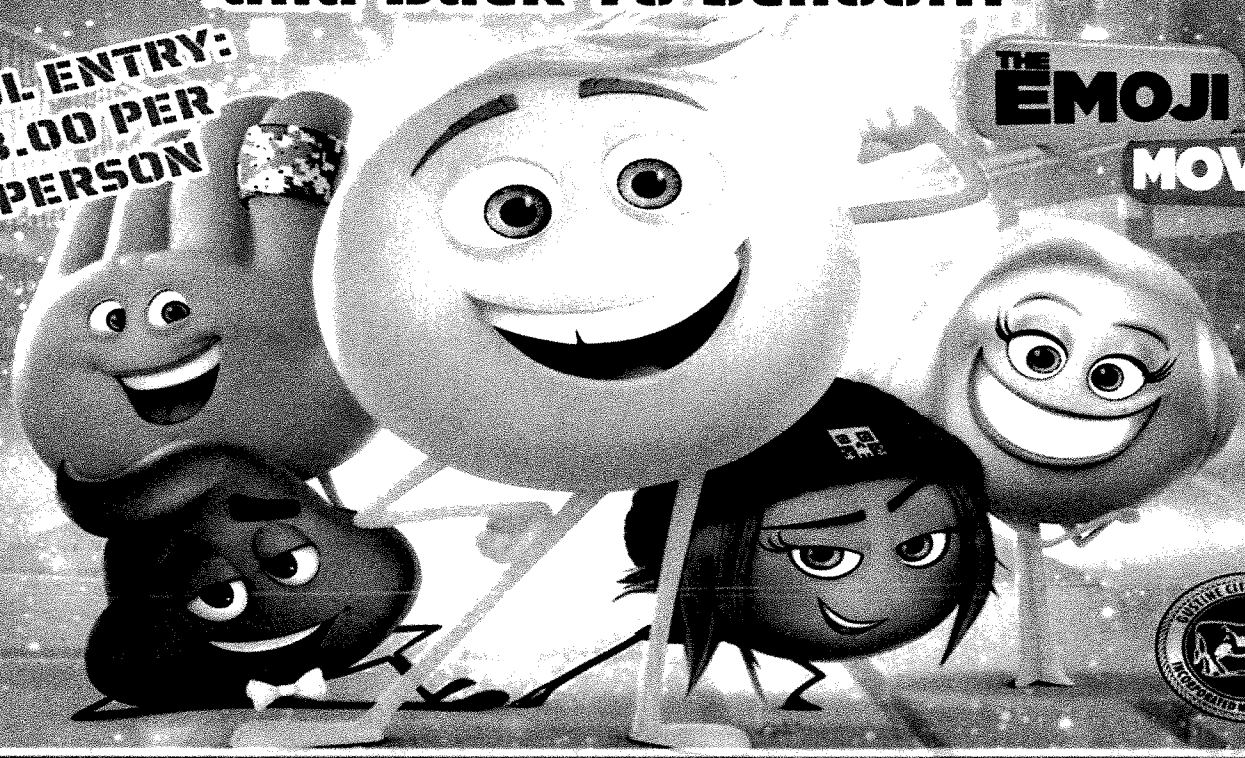
LODI LAKE KIWANIS AREA
1101 W. TURNER ROAD

This program funded by the Outdoor Equity Grants Program, created through AB 209 and administered by California State Parks, Office of Grants and Local Services

Join us for a movie night at the Gustine Aquatics Center

Let's Celebrate National Night Out! and Back To School!!

POOL ENTRY: $3.00 PER PERSON



Friday | August 4th

6:30PM - School Supplies

8:00PM - Pool Open

699 3rd Ave Gustine Ca 95322

SNACK BAR WILL BE AVAILABLE!

FREE SCHOOL SUPPLIES DONATED BY VARIOUS SPONSORS FOR GUSTINE RESIDENTS

DJ DAN ENTERTAINMENT

PHOTO BOOTHS AUDIO GUESTBOOK DJ MOVIE SCREENS

MID VALLEY DISPOSAL

GUSTINE TRAVELING LIBRARY

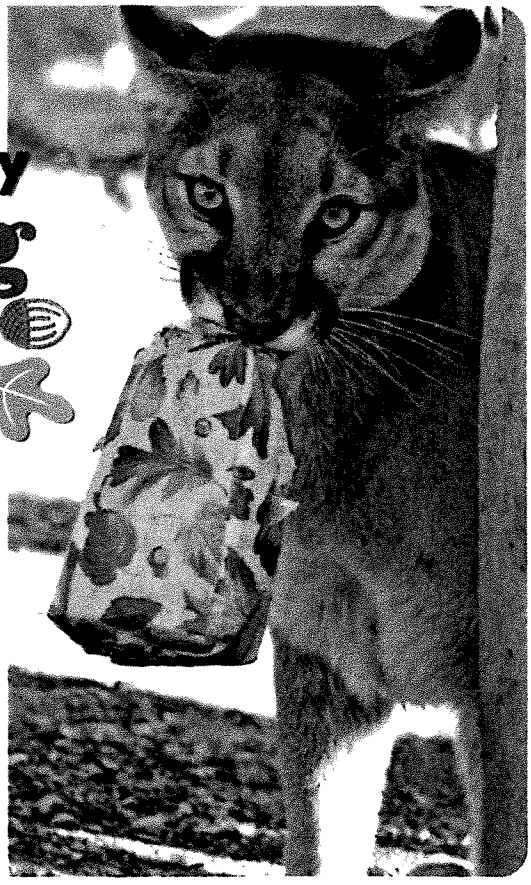
FOLSOM Veterans Day Parade

★ NOVEMBER 11 ★

Parade entry applications available starting September 1 and accepted through October 27.

Visit **folsom.ca.us** or call 916-461-6615 for entry guidelines and parade info.

Folsom City Zoo Sanctuary Thanksgiving Feast FOR THE ANIMALS



Thursday, November 23

10 a.m. to 1 p.m.

Join us Thanksgiving morning for our annual tradition of a special holiday celebration for the zoo sanctuary animals!

Regular admission fees apply

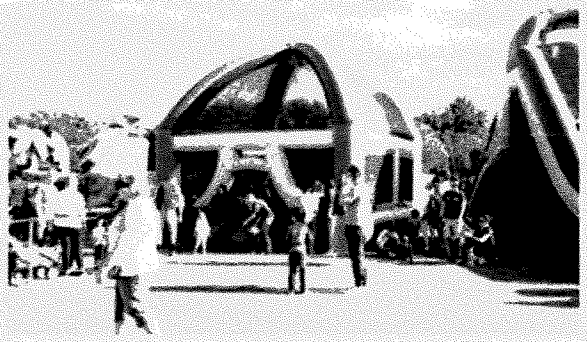
Special Event

COMMUNITY PARK

SUMMER FEST

SEPTEMBER 16 | 4-9:30PM

The District is hosting an end-of-summer bash for our community! You don't want to miss out on all the fun!

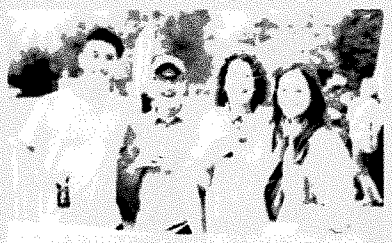


Inflatable Slides, Bounce Houses, Obstacle Courses, Rock Climbing & Mechanical Shark Riding

Children's Entertainment, Carnival Games & Rides, Face Painting & Petting Zoo

BUY WRISTBANDS

Ages 4+ $20 Wristband for unlimited carnival games, rides & inflatables.



Beer & Wine Garden Food Vendors

DJ Entertainment
Live Music from Mania!
The Live Beatles Experience

SPONSORS:

THE TERRI CICCHETTI GROUP

KICKS

EL DORADO DISPOSAL

FIVE STAR BANK

HOYBJERG Family Orthodontics

SWSS

MARSHALL MEDICAL CENTER

11

El Dorado Hills Parks at a Glance

PARK NAME	AMENITIES																		
Parks Make Life Better!	Baseball	Basketball Court	BBQ	Bocce Court	Exercise Course	Horse Shoe Pit	Parking Lot	Pickleball Courts	Playground	Rental Area	Restrooms	Shade Structure	Soccer Field	Spray Ground	Tables	Tennis Courts	Trails/Trail Access	Volleyball
Allan Lindsey	x						x					x			x			
Art Weisberg			x			x									x		x	
Blackstone Village			x		x		x		x	x	x	x			x		x	
Creekside Greens			x						x								x	
El Dorado Hills Community	x	x	x				x		x		x	x	x		x		x	
Fairchild									x						x		x	
Governor															x			
Heritage Village			x	x				x	x	x	x	x			x	x		
Kalithea	x		x				x		x	x	x	x	x		x			
Lake Forest			x	x	x		x		x	x	x	x			x	x	x	x
Laurel Oaks			x						x						x			
Murray Homestead			x						x			x			x			
Oak Knoll & Clubhouse			x			x	x		x	x					x			
Overlook			x						x						x			
Parkview Heights			x			x			x						x			
Peter Bertelsen			x				x		x						x			
Promontory Community	x		x	x		x	x		x	x		x	x	x	x	x		
Ridgeview			x												x			
Ridgeview Unit 7									x						x			
Saratoga Trailhead							x					x			x		x	
Sellwood	x												x					
Stephen Harris		x	x		x		x		x		x	x	x		x	x		
McCabe			x						x						x			
Valley View	x						x		x	x		x	x		x			
Village Green									x						x		x	
Waterford			x						x						x			
Wild Oaks																	x	
Windsor Point			x									x			x	x		

ATTACHMENT L

Summer Program									
	A summer program dedicated to teaching youth about their community, the environment in and around Ione, the services within the community, and the heritage of the Ione community in a fun outdoor environment.								
	Objective: Summer Program for youth in 4th - 7th grade; 6 weeks; 8-12pm. Things to cover: learning about your community, planting flowers in city parks, swimming at the pool; tours of fire department; history of Ione; community projects; 4th of July fun.								
	Revenue								
				Estimated participants				Total	
	Participation Fees		$ 200.00	50				$ 10,000.00	
	Donations		$ 2,000.00					$ 2,000.00	
								$ 12,000.00	
	Expense								
		Hourly	Hours	Number of staf	Days				
	Staffing	16	6	5	30			$ 14,400.00	
	Supplies							$ 2,000.00	
								$ 16,400.00	
	Difference (Revenue - Expense)							*$ (4,400.00)*	
					Est. Participants		Fee	Costs	Revenue
Kids' Night Out					25		$25.00	$350	$275
	Drop off kids for an evening of fun.								
Community Campout at HP					15		$35.00	$400	$125
	Family Camping out at Howard Park								
Father/Daughter Dance									
					15		$35	$450	$75
Daughters with their father figures for evening of dancing and refreshments									*$475*

RESOLUTION 2023-*
A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF IONE APPROVING THE RECOMMENDATION FROM THE PARKS AND RECREATION COMMISSION TO ESTABLISH A CITY OF IONE RECREATION PROGRAM AND CEASE THE PER CAPITA PAYMENT TO AMADOR COUNTY RECREATION AGENCY

WHEREAS, the City of Ione is currently a member of the Joint Powers Authority, Amador County Recreation Agency (ACRA).

WHEREAS, ACRA has billed the City of Ione a total of two hundred seventy-two thousand four hundred sixty-one dollars and ninety cents over the past six fiscal years.

WHEREAS, ACRA has provided a limited number of recreation programs in the City, and is currently operating only two programs, The KAP After School program and Bingo once a month at Castle Oaks.

WHEREAS, City Staff and members of the Parks and Recreation Commission have repeatedly asked ACRA to provide information to the Commission on what they have provided to the City of Ione in terms of recreation programs.

WHEREAS, ACRA has been consistently difficult to communicate with and reluctant to provide information that members of the Parks and Recreation Commission have requested.

WHEREAS, the City of Ione has a growing population that has repeatedly expressed a desire to see more recreational programs and activities for the community.

WHEREAS, the City of Ione believes it can produce a more robust City of Ione recreation program for the community by hiring a Recreation Coordinator at twenty-four hours per week to administer a variety of programs and events in the City.

WHEREAS, during its initial year, the expense for a Recreation Coordinator would be roughly forty thousand dollars; and

WHEREAS, the cost of hiring a part-time Recreation Coordinator would be similar to ACRA's membership fee for the 2023-2024 fiscal year. ACRA's 2023-2024 invoice total is thirty-four thousand four hundred fifty dollars.

WHEREAS, at the September 26, Parks and Recreation Commission, the Commission made a recommendation to the City of Ione City Council to move forward with establishing a City sponsored recreation program and cease payment to ACRA.

WHEREAS, the City Council carefully considered the staff report, presentation and Parks and Recreation Commission recommendation, and finds that the City of Ione and its surrounding community would benefit from establishing its own recreation program and ceasing to pay ACRA for recreation programming in the City.

NOW, THEREFORE, BE IT RESOLVED, by the City Council of the City of Ione, as follows:

1. Authorizes establishing a City of Ione recreation program that includes hiring a part-time 24 hour per week Recreation Coordinator that will work with the Parks and Recreation Commission to establish recreational programs and events in the City.

2. The City Council of the City of Ione approves ceasing to pay Amador County Recreation Agency (ACRA) for recreational programs in the City of Ione. This includes the pending July 13, 2023 membership invoice totaling thirty-four thousand four hundred fifty dollars.

AYES:

NOES:

ABSTAIN:

ABSENT:

_____

Stacy Rhoades, Mayor

Attest:

_____

Janice Traverso, City Clerk

AGENDA ITEM I.3.

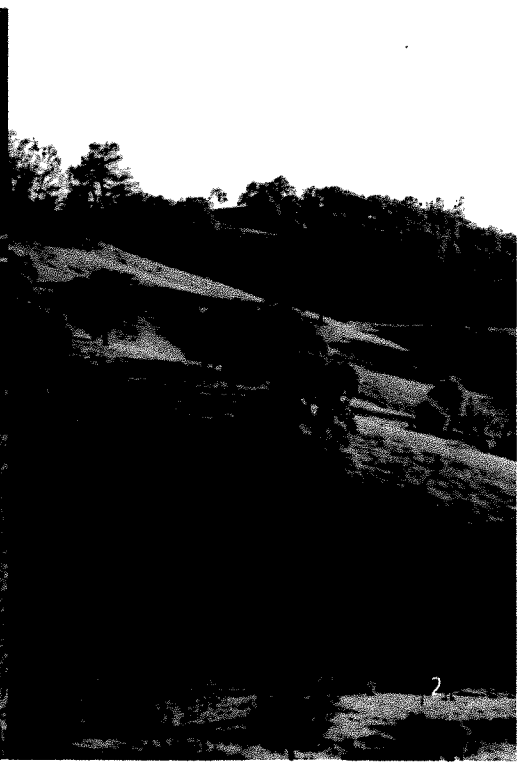
The City of Ione is seeking candidates interested in an opportunity to serve as the next

CITY MANAGER

The Castle City

CITY PROFILE

Located in the beautiful Sierra foothills of Northern California, the City of Ione is a quaint yet active community. The City offers a wide range of housing, world-class outdoor activities, and recreational opportunities in close proximity in every direction. An extensive array of parks and natural resources offer unbeatable experiences. The Sierras feature some of the finest skiing in the world and the City is a short drive to Lake Tahoe and Sacramento where you can enjoy everything from fine dining and ballet to the best of rural living and more. Nestled in the heart of Amador Count's wine Country, the City of Ione is characterized by is oak tree lined hills and small-town atmosphere.



FORM OF GOVERNMENT

The City of Ione was incorporated as a General Law City in 1953. The City has a Council-Manager form of government with five elected Council members who serve four-year terms. The City Council establishes policies, enacts ordinances, and approves the City budget. The Council appointed City Manager is responsible for financial and operational management of the City. As a nearly full-service City, Ione includes a Police, Fire, Public Works, and Administration department. City Planning and Engineering services are provided by contracts with private firms.

Office of the City Manager

Under the direction of City Council, the City Manager serves as the chief executive officer for the City, providing leadership and representation for all matters concerning City government. The City Manager's Office leads the financial and budget management process for the City and directs the City's efforts to plan for the future. The City Manager's office performs research, suggest policy development and direction for City Council and evaluates potential public programs and grants.

Candidate Profile

The City of Ione is looking for an exceptional leader with extensive executive experience. The City seeks a candidate with a master's degree in public administration, government operations, business management, or a similar program and 5+ years of experience as a high-level municipal executive or an equivalent combination of education and experience sufficient to successfully perform the essential duties of the job. The City Council seeks a candidate with experience with wastewater management, grant administration and reporting, verified developer negotiation and agreement experience, and a proven track record of successfully implementing economic development strategies.

The ideal candidate will possess high personal integrity and ethical behavior with a proven record of leadership, fiscal stewardship and accomplishment preferably in a public sector environment. He/she has experienced opportunities and challenges presented by steady growth in development, population and demand for services.

The candidate will have successfully served in an organization with a council-manager form of government and demonstrated the skills of prioritizing projects and resources while communicating ideas, issues and results on a timely basis. This will also include a focus on achieving results and outcomes on agreed-upon goals and priorities.

The successful candidate will have a history of understanding and demonstrating the positive value of developing and maintaining effective relationships that include availability and accessibility to the public, staff, and elected officials. There should also be a proven record of embracing innovation and encouraging cross-functional partnerships to achieve results.

Advanced skills in community building and engagement and an understanding of equity

Compensation and Benefits

The annual salary range for this position is $135,000 —$160,000 DOE/ DOQ. Salary is currently under review and negotiable with City Council depending on skills, experience, education, and background. The City provides a comprehensive benefits package as part of the total rewards package which includes medical, dental, and vision plans. The total rewards package also includes City-paid Life Insurance, vacation, sick, holiday, and administrative leave as well as 2 floating holidays. The City participates in the California Public Employees Retirement System (CalPERS), Social Security and Medicare.

Application and Selection Process

Qualified applicants should submit their cover letter and resume to:

apinasco@neumiller.com

This position will remain open until filled. Resumes will be screened against criteria outlined in this brochure and the job description. Interviews with the City of Ione will be offered to those candidates selected as finalists, with reference checks, background checks, and academic verification conducted after receiving candidate's consent.

For additional information, please contact:

Andy Pinasco
City Attorney
(209) 948-8200