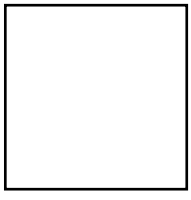

TABLE OF CONTENTS

1. CURRENT STATUS SUMMARY

As required in Title 40, Code of Federal Regula

Regulatory Requirement Cross-Reference

Regulatory Citation	Requirement (paraphrased)	Where Addressed in this Report

3.1. GROUNDWATER OBSERVATIONS

Tables

Sampling Event	Sampling Event Dates	TOC Elevation Depth to Water (feet btoc)	513.63 Water Level (msl)	TOC Elevation	526.86	TOC Elevation	522.27	TOC Elevation	507.84

				12/6/16 to 12/8/16	2/21/17 to 2/23/17	3/28/17 to 3/30/17	5/2/17 to 5/4/17	6/20/17 to 6/21/17	7/25/17 to 7/26/17	8/29/17 to 8/30/17	2/17 10/1(17 to	1050	7/31-8/2	889	4/9/19 to 4-10-19	10/22/19 to 10/23/19	4/28/20 to 4/29/20	10/20/2020 to 10/21/20	4/13/21 to 4/14/21	10/19/21 to 1020/21
JKS-36	Downgradient Monitoring	16	X								X	X		X		X	X	X	X	X

TABLE 3
Groundwater Analytical Results Summary
CPS Energy - Calaveras Power Station
Evaporation Pond

Constituents	Unit
A55B(55Bu)x Ill1(6u).Det 6u)ect 6u55B(55BMo(55B(55Bu)t 6u)o(55B3(55Bnd)TJ/TT2 1 Tf 0 -262346 TD2204 Tc0 Tw(por)53)-4n)-1329rg/l3866bnTT	

TABLE 3

DATE:

DATE:

2021 Water Level Study Report

Appendix A

Annual Groundwater Monitoring and Corrective Action Reports have been completed for each of

TABLE 1
Groundwater Elevations Summary - CCR Unit Wells
CPS Energy - Calaveras Power Station

Well	CCR Unit	Well Elevation (ft msl)	Event No.	Date	Depth to Water (ft btoc)	Water Level (ft msl)
JKS-45 Upgradient	FAL	531.46	1	12/6/2016	46.83	484.63
JKS-45 Upgradient	FAL	531.46	2	2/21/2017	46.64	484.82
JKS-45 Upgradient	FAL	531.46	3	3/28/2017	46.52	484.94

TABLE 1
Groundwater Elevations Summary - CCR Unit Wells
CPS Energy - Calaveras Power Station

Well	CCR Unit	Well Elevation (ft msl)	Event No.	Date	Depth to Water (ft btoc)	Water Level (ft msl)

TABLE 1
Groundwater Elevations Summary - CCR Unit Wells
CPS Energy - Calaveras Power Station

TABLE 1
Groundwater Elevations Summary - CCR Unit Wells
CPS Energy - Calaveras Power Station

Well	CCR Unit	Well Elevation (ft msl)	Event No.	Date

TABLE 1
Groundwater Elevations Summary - CCR Unit Wells
CPS Energy - Calaveras Power Station

Well	CCR Unit	Well Elevation (ft msl)	Event No.	Date	Depth to Water

TABLE 1
Groundwater Elevations Summary - CCR Unit Wells
CPS Energy - Calaveras Power Station

Well	CCR Unit	Well Elevation (ft msl)	Event No.	Date	Depth to Water (ft btoc)	Water Level (ft msl)
JKS-61 Downgradient	EP	505.51	1	12/6/2016	23.95	481.56
JKS-61 Downgradient	EP	505.51	2	2/21/2017	23.31	482.20
JKS-61 Downgradient	EP	505.51	3	3/28/2017	23.10	482.41
JKS-61 Downgradient	EP	505.51	4	5/2/2017	22.85	482.66
JKS-61 Downgradient	EP	505.51	5	6/20/2017	22.05	483.46
JKS-61 Downgradient	EP	505.51	6	7/25/2017	23.50	482.01
JKS-61 Downgradient	EP	505.51	7	8/29/2017	23.60	481.91
JKS-61 Downgradient	EP	505.51	8	10/10/2017	23.97	481.54
JKS-61 Downgradient	EP	505.51	9	4/4/2018	23.08	482.43
JKS-61 Downgradient	EP	505.51	10	10/30/2018	23.94	481.57
JKS-61 Downgradient	EP	505.51	11	4/9/2019	22.97	482.54
JKS-61 Downgradient	EP	505.51	12	10/22/2019	24.20	481.31
JKS-61 Downgradient	EP	505.51	13	4/23/2020	23.74	481.77
JKS-61 Downgradient	EP	505.51	14	10/15/2020	24.60	480.91

TABLE 1
Groundwater Elevations Summary - CCR Unit Wells
CPS Energy - Calaveras Power Station

Well	CCR Unit	Well Elevation (ft msl)	Event No.	Date	Depth to Water (ft btoc)	Water Level (ft msl)

TABLE 1
Groundwater Elevations Summary - CCR Unit Wells
CPS Energy - Calaveras Power Station

Well	CCR Unit	Well Elevation (ft msl)	Event No.	Date	Depth to Water

TABLE 1
Groundwater Elevations Summary - CCR Unit Wells
CPS Energy - Calaveras Power Station

Well	CCR Unit	Well Elevation (ft msl)	Event No.	Date	Depth to Water (ft btoc	(ft msl	Do Wat Leveler

rvation Wells
Wels

TABLE 2
Groundwater Elevations Summary - Non-CCR Unit Observation Wells
CPS Energy - Calaveras Power Station

Well	Well Elevation (ft msl)	Event No.	Date	Depth to Water (ft btoc)	Water No. (ft msl)

FIGURES

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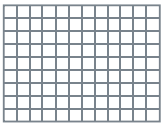

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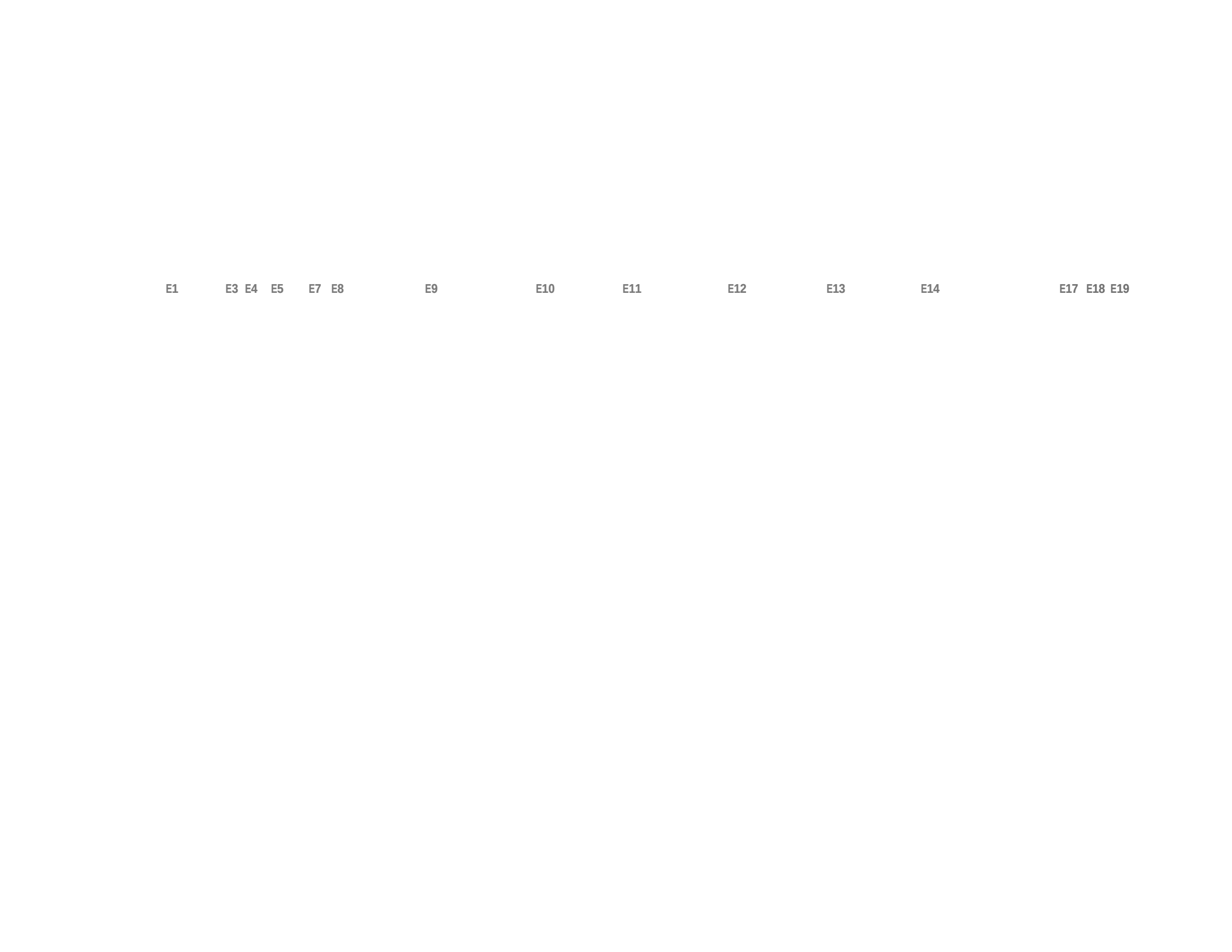
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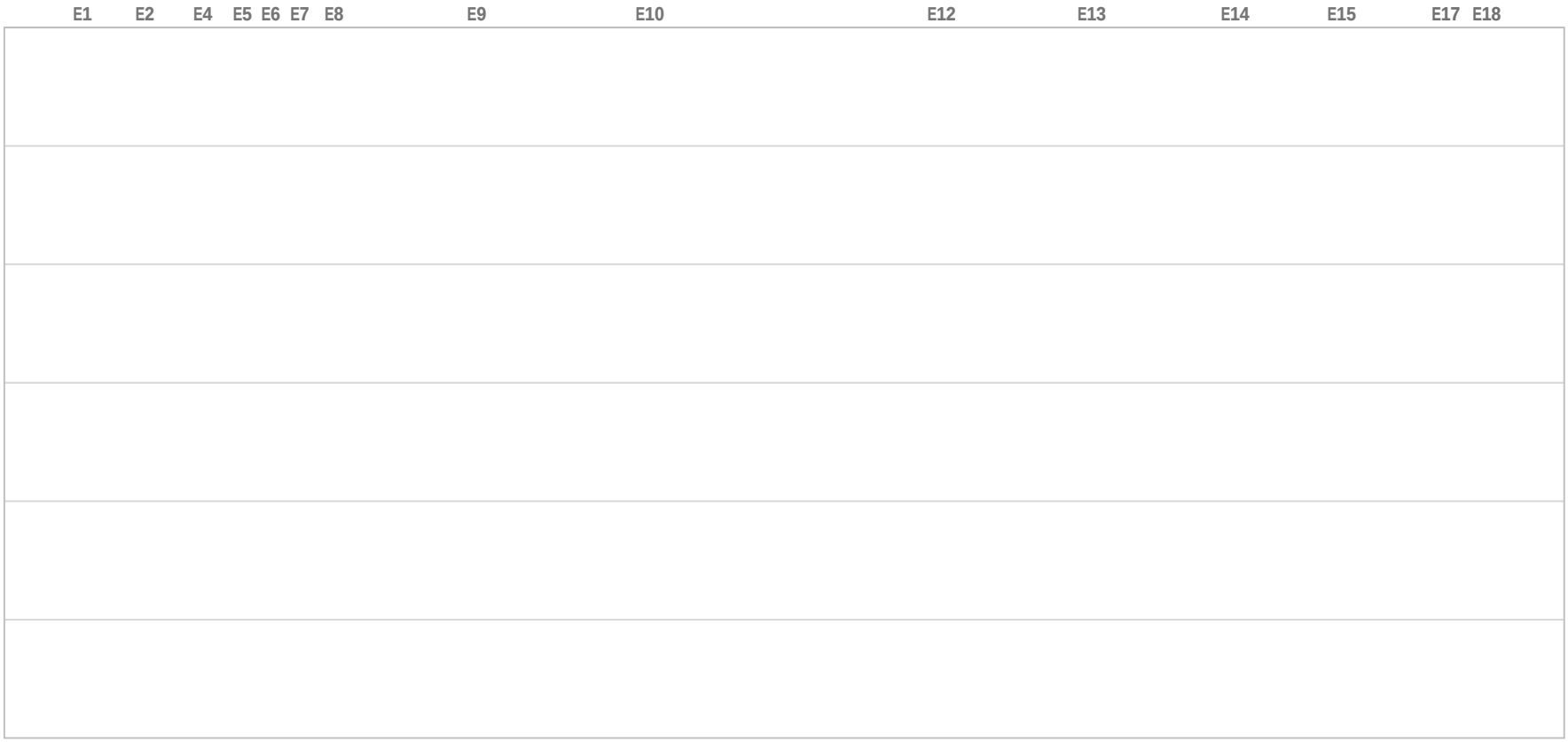
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Laboratory Data Packages

Appendix B

(*Data Packages Available Upon Request***)**

Statistical Analysis Tables and Figures

Appendix C

Appendix C ¶ Table 1
KruskalпWallis Test Comparisons of Upgradient Wells
Calaveras Power Station
Evaporation Pond

Analyte	N	N Detect	Percent

Appendix C π Table 3
Potential Outliers in Upgradient Wells
Calaveras Power Station
Evaporation Pond

Well	Sample	Date	Analyte	Units	Detect	Concentration	UPL type	Distribution	Statistical Outlier	Visual Outlier	Normal Outlier	Log Statistical Outlier	Log Visual Outlier	Lognormal Outlier	Statistical and Visual Outlier	Final Outlier Decision	Notes
JKSπ47	JKS 47565343π007	10/11/2017	Boron	mg/L	TRUE	1.02	Intrawell	Normal		X			X				
JKSπ47	JKSπ47002	10/23/2019	Boron	mg/L	TRUE	1.05	Intrawell	Normal		X			X				
JKSπ47	JKSπ47π20201021πCCR	10/21/2020	Boron	mg/L	TRUE	0.904	Intrawell	Normal		X			X				
JKSπ63	63R001	08/20/2019	Boron	mg/L	TRUE	2.03	Intrawell	Lognormal	X	X	X	X	X	X	0		
JKSπ64	JKSπ64549681π009	03/29/2017	Boron	mg/L	TRUE	1.14	Intrawell	Lognormal	X	X	X	X	X	X	0		
JKSπ64	JKSπ64549681π[illegible]p	[illegible]	Boron	mg/L	TRUE	0.962	Intrawell	Lognormal		X			X				
JKSπ64	JKS[illegible]	JKS															

[illegible] JKS 64549681f JKS

[illegible] 1 Tf .3061 0 0 1 JKS TD (64549681)Tj /TT3 1

Appendix C π Table 4
Mann Kendall Test for Trends in Upgradient Wells
Calaveras Power Station
Evaporation Pond

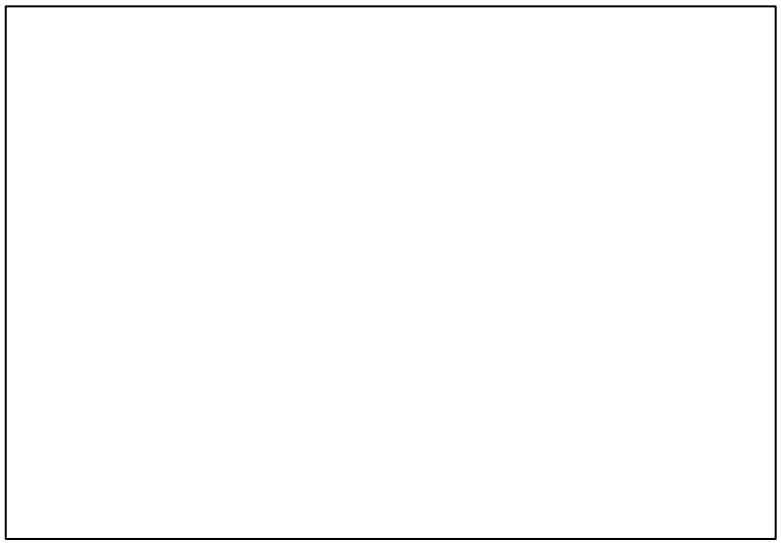
Analyte	UPL Type	Well	N	Num Detects	Percent Detect	p Value	Test for Trends	Conclusion

Appendix C π Table 5
Calculated UPLs for Upgradient Datasets
Calaveras Power Station
Evaporation Pond

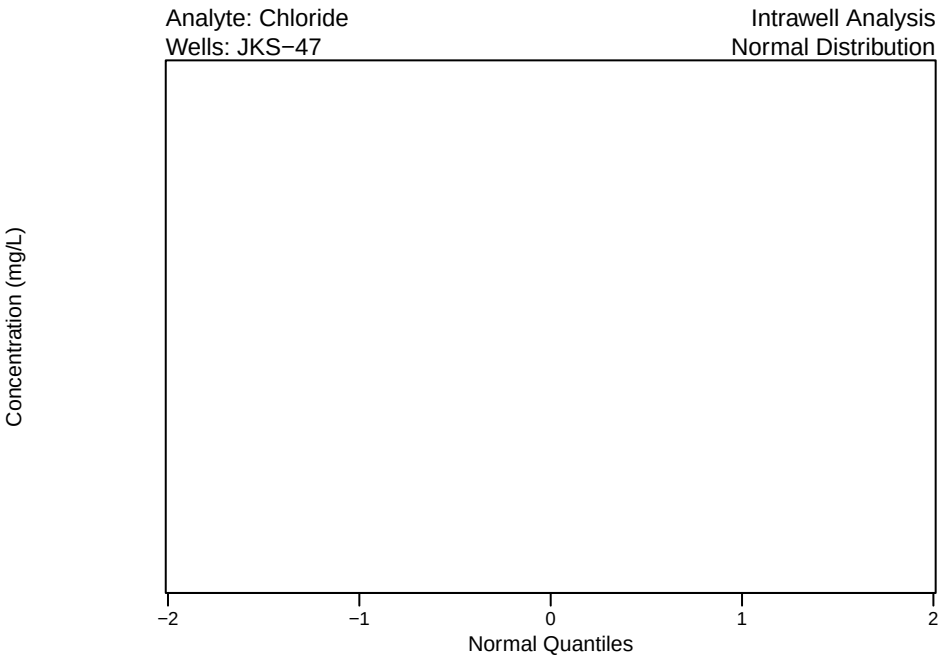
Analyte	UPL Type	Trend	Well	N	Num Detects	Percent Detects	LPL	UPL	Units	ND adjustment	Transformation

Appendix C − Figure 1
Unit: Evaporation Pond

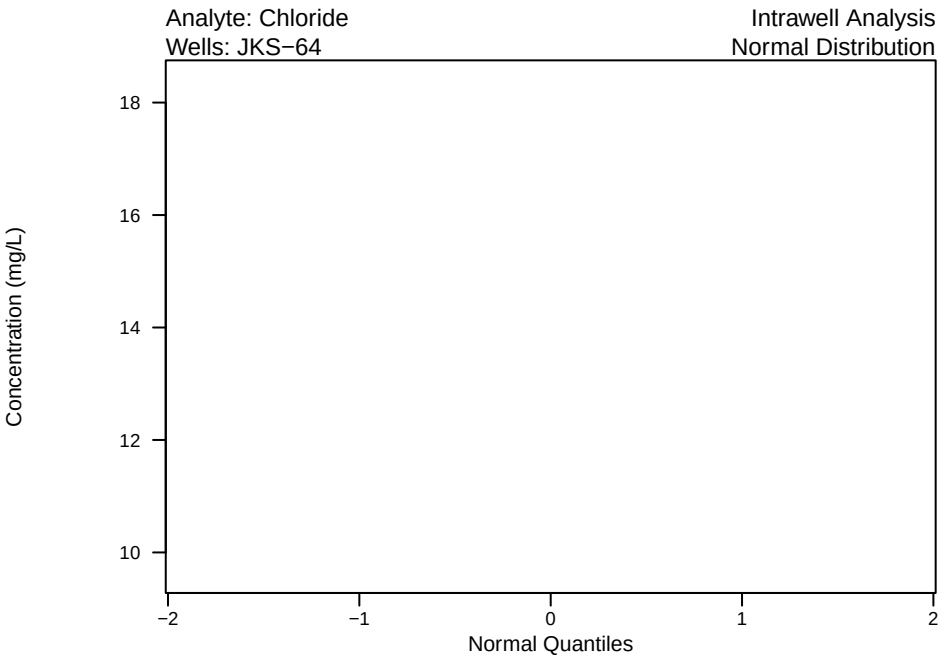
Appendix C − Figure 2
Unit: Evaporation Pond
QQ Plots of Upgradient Wells



Appendix C − Figure 2
Unit: Evaporation Pond
QQ Plots of Upgradient Wells



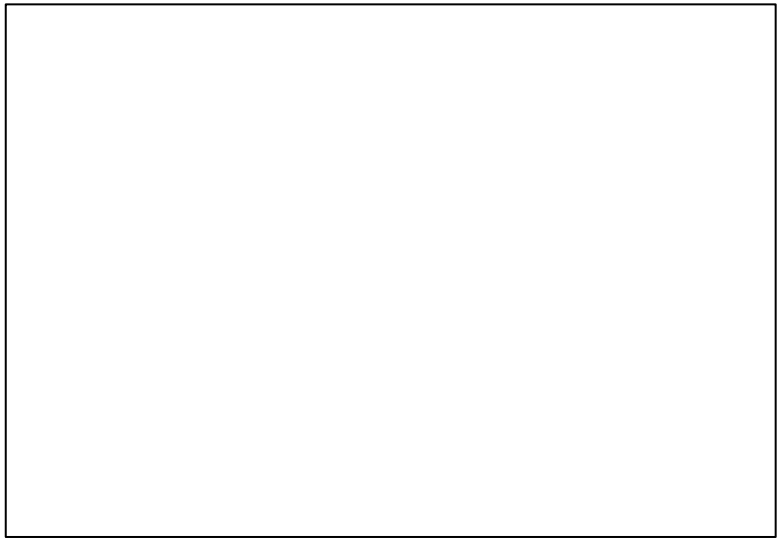
Appendix C − Figure 2
Unit: Evaporation Pond
QQ Plots of Upgradient Wells



Appendix C − Figure 2
Unit: Evaporation Pond
QQ Plots of Upgradient Wells

Analyte: pH
Wells: JKS−47

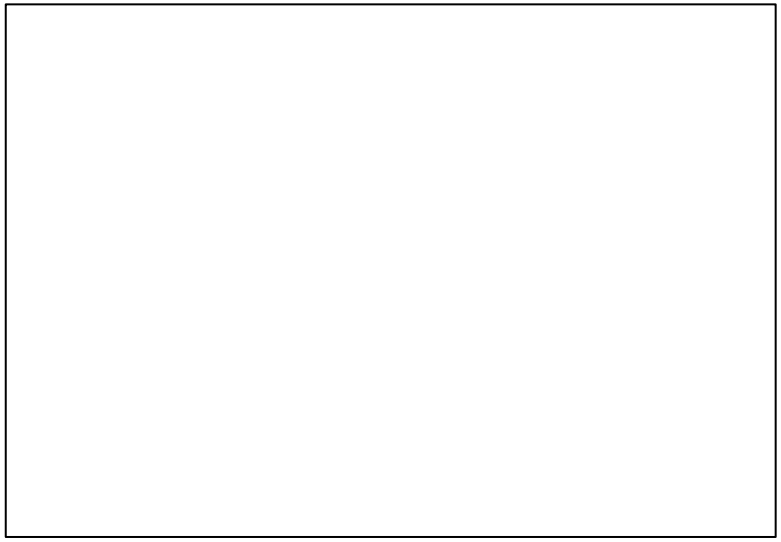
Intrawell Analysis
NDD Distribution



Appendix C − Figure 2
Unit: Evaporation Pond
QQ Plots of Upgradient Wells

Analyte: pH
Wells: JKS−64

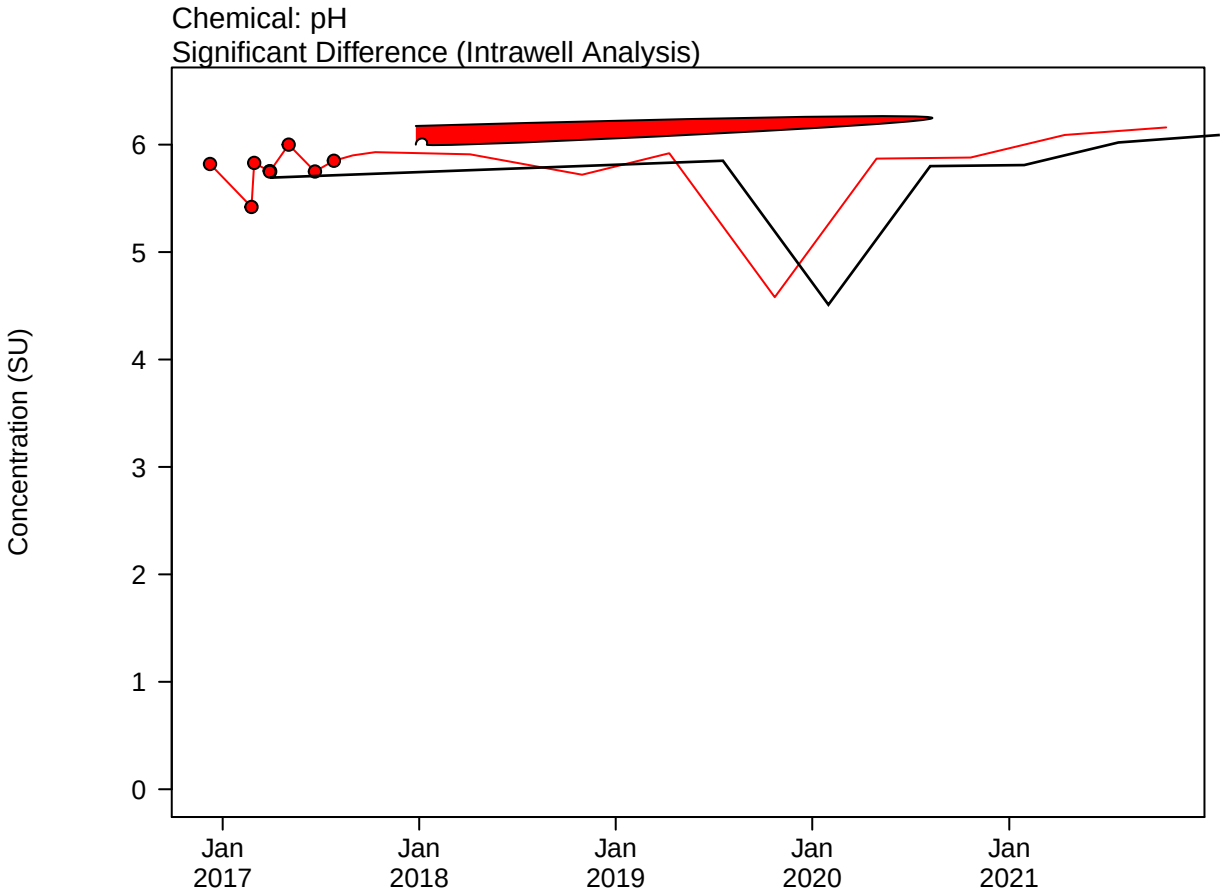
Intrawell Analysis
NDD Distribution



Appendix C − Figure 2
Unit: Evaporation Pond
QQ Plots of Upgradient Wells

Appendix C − Figure 3
Unit: Evaporation Pond
Timeseries of Upgradient Wells

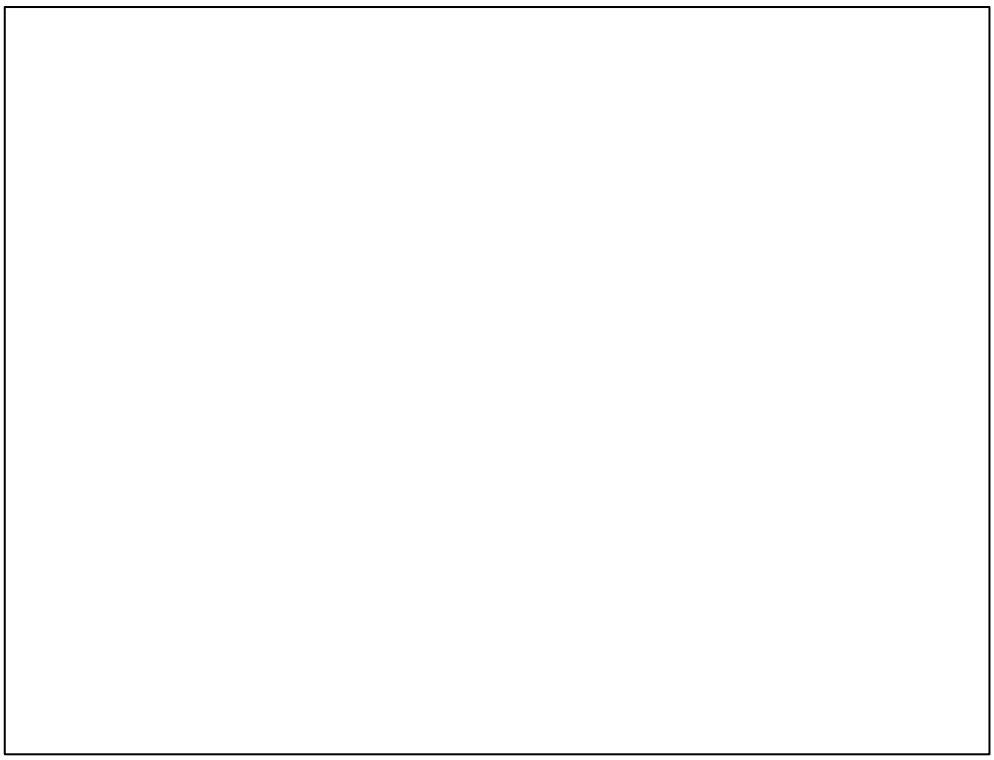
Appendix C − Figure 3
Unit: Evaporation Pond
Timeseries of Upgradient Wells



Appendix C − Figure 3
Unit: Evaporation Pond
Timeseries of Upgradient Wells

Appendix C − Figure 4
Unit: Evaporation Pond
Trend Analysis of Downgradient Wells with Exceedances

Chemical: Boron



Appendix C − Figure 4
Unit: Evaporation Pond
Trend Analysis of Downgradient Wells with Exceedances 0 0mq 0−40.75lqS Q q 1 0 0

ERM

q105.9601 Tc125.52 291 Tw281.88 cm/Im0 Do98 refBT1qs/TT0 1 T8i0.58.14 2 Tc18.14 371 rq653.

ATTACHMENT 1 APRIL AND AUGUST 2021 GROUNDWATER SAMPLE RESULTS

Constituent	Units	2020 LPL - BAP	2020 UPL - BAP	BAP Downgradient JKS-48 4/13/2021 N	BAP Downgradient JKS-50R 4/13/2021 N	BAP Downgradient JKS-52 4/13/2021 N	BAP Downgradient JKS-55 4/13/2021 N	BAP Downgradient JKS-56 4/13/2021 N
Boron	mg/L	--	2.65	2.19	5.18	2.51	0.762	3.16
Calcium	mg/L	--	387	140	139	209	146	111
Chloride	mg/L	--	607	477	110	470	440	176
Fluoride	mg/L	--						

Constituent	Units	2020 LPL - SRH	2020 UPL - SRH	SRH Pond Downgradient JKS-52 4/13/2021 N	SRH Pond Downgradient JKS-53 4/13/2021 N	SRH Pond Downgradient JKS-54 4/13/2021 N
Boron	m					