Exhibit G

NAPA VALLEY VINEYARD ENGINEERING, INC.
176 MAIN STREET, SUITE B
ST. HELENA, NAPA VALLEY, CALIFORNIA 94574
(707) 963-4927 nvvedla@comcast.net

DREW L. ASPEGREN, P.E.
CIVIL ENGINEER

FORTE VINEYARD EROSION CONTROL PLAN FILE #P20-00139-ECPA

WATER DEMAND AND WATER AVAILABILITY ANALYSIS
November 7, 2022

It is proposed that the new vineyard (15.6 net acres) will be irrigated using groundwater. This analysis presents water demand for all uses on the Forte Vineyard parcel.

There are no locally monitored irrigation systems from which to draw estimates of long-term water demand. This discussion is guided by the Napa County Water Availability Guidance Document, in which it is estimated that vineyard irrigation is 0.2 – 0.5 afa (acre-feet per annum), or 3.12 – 7.80 afa for the proposed 15.6 acre vineyard. Conservatively, for this analysis, it is assumed that vineyard irrigation demand will be 7.80 afa.

Historic rainfall analysis using the PRISM (The PRISM Climate Group at Oregon State University; http//prism.oregonstate.edu) Grid Cell Interpolation (Figure 1) provides water year (October 1 through September 30) annual rainfall data for the recent (2011/12 through 2020/21) 10 year interval (Table 1), and it presents an average annual rainfall of 26.58" over that time span. On average, the 95.1 acre parcel will receive ±210.6 afa of rainfall. In the "Updated Hydrogeologic Conceptualization and Characterization of Conditions", LSCE and MBK Engineers provide an analysis which presents a groundwater recharge of 11% for the Napa Creek watershed (Figures 2A, 2B). At that rate, the Forte parcel will contribute an average of ±23.2 afa (210.6 afa x 11%) to groundwater.

As shown in this analysis, over the last ten years, vineyard irrigation demand is about 34% (7.8/23.2) of the average annual rainfall contribution to groundwater. It is concluded that groundwater pumping will not deplete the groundwater supply.

The wells have not yet been drilled. Figure 3 shows the proposed well sites and their proximites to an existing off-site well. Figure 3 also shows their proximities to significant stream as identified by LSCE/MBK. Both proposed well sites are greater than 500' from the nearest offsite well, and they are greater than 1500' from the nearest significant stream, Browns Valley Creek.

Location

State & County: California Napa

Coordinates: Latitude: 38.3088 Longitude: -122.3579 Elevation: 413ft (126m)

Data Settings

- [x] Precipitation
- [ ] Minimum temp
- [ ] Mean temp
- [ ] Maximum temp
- [ ] Minimum VPD
- [ ] Maximum VPD
- [ ] Mean dewpoint temp
- [ ] Cloud transmittance
- [ ] Solar rad (horiz sfc)
- [ ] Solar rad (sloped sfc)
- [ ] Solar rad (clear sky)

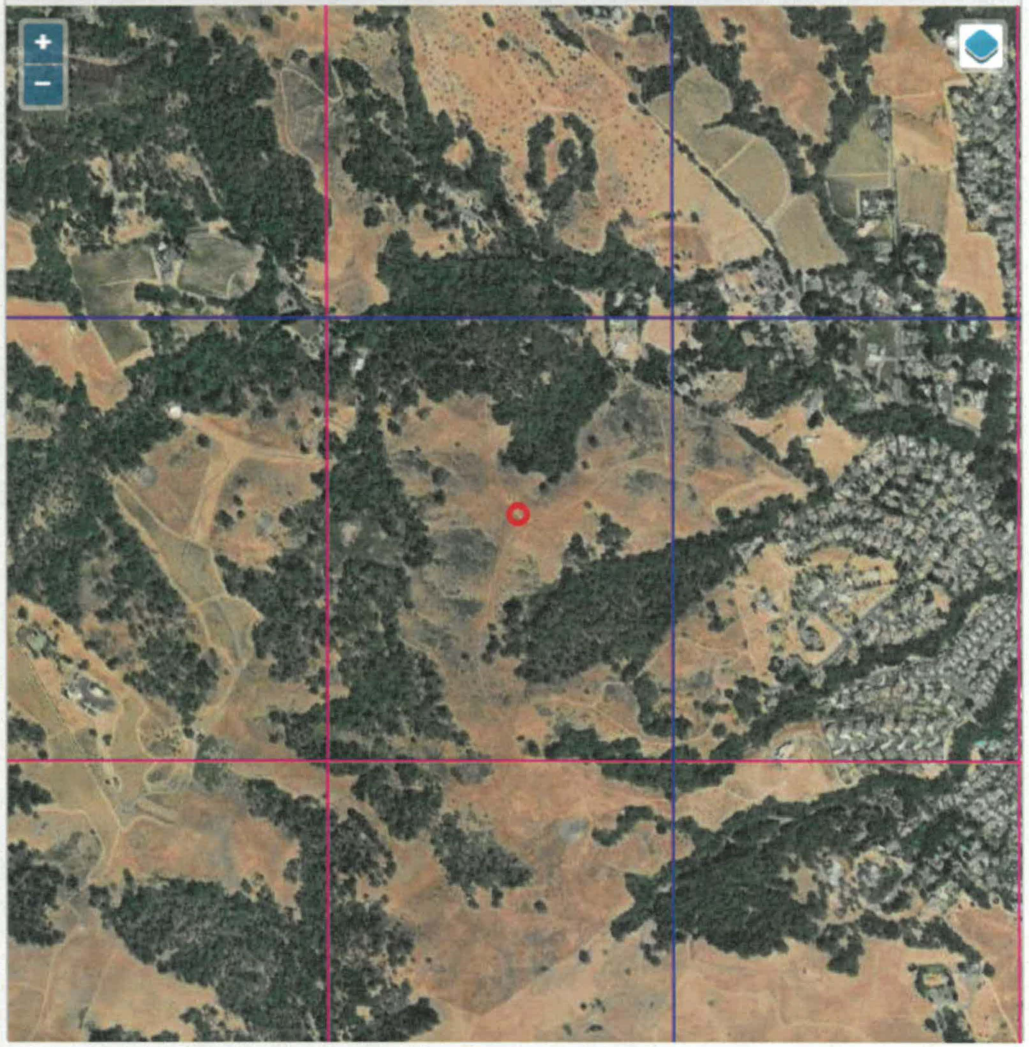
- ( ) 30-year normals, 1991-2020 (monthly and annual)
  Resolution: (•) 4km ( ) 800m
- ( ) Annual values
  start 1991 end 2020
- ( ) Single month values January
  start 2017 end 2017
- (•) Monthly values
  start October 1991
  end September 2021
- ( ) Daily values
  start 01 September 2021
  end 31 May 2022

Data Stability: **stable (unlikely to change)**
(based on selected end date)

Units: (•) English ( ) SI (metric)

[x] Interpolate grid cell values (see text)

Click to select. Click & drag to pan. Use mouse wheel to zoom.



Controls

Retrieve Time Series | Download Time Series | Restore Previous Settings

Results can be **downloaded**, or **change the location/settings** to examine a different time series

Latitude: 38.3088 Longitude: -122.3579 Elevation: 413ft (126m)
Precipitation, undefined
October 1991 - September 2021 (the PRISM day spans 24 hours ending at 1200 UTC on the day shown)

FIGURE 1

4km PRISM cells / interpolated
English units / Monthly values
Data stability: stable

Water Year Calculated From Monthly Rainfall Totals
Project: Forte Vineyard
Location: Partrick Road
Date: 10/12/2022

TABLE 1

Water Year 2011-2012

Date	ppt (in)
2011-10	1.66
2011-11	2.01
2011-12	0.18
2012-01	5.35
2012-02	1.55
2012-03	8.33
2012-04	2.72
2012-05	0.08
2012-06	0.04
2012-07	0.00
2012-08	0.00
2012-09	0.00
Total	21.92

Water Year 2012-2013

Date	ppt (in)
2012-10	1.30
2012-11	6.88
2012-12	9.68
2013-01	0.79
2013-02	0.35
2013-03	0.94
2013-04	1.15
2013-05	0.22
2013-06	0.75
2013-07	0.00
2013-08	0.00
2013-09	0.67
Total	22.73

Water Year 2013-2014

Date	ppt (in)
2013-10	0.02
2013-11	1.08
2013-12	0.56
2014-01	0.11
2014-02	9.98
2014-03	3.09
2014-04	2.49
2014-05	0.06
2014-06	0.00
2014-07	0.00
2014-08	0.03
2014-09	0.43
Total	17.85

Water Year 2014-2015

Date	ppt (in)
2014-10	0.61
2014-11	3.36
2014-12	15.64
2015-01	0.01
2015-02	3.25
2015-03	0.19
2015-04	1.63
2015-05	0.05
2015-06	0.12
2015-07	0.03
2015-08	0.00
2015-09	0.30
Total	25.19

Water Year 2015-2016

Date	ppt (in)
2015-10	0.05
2015-11	1.56
2015-12	5.72
2016-01	9.89
2016-02	1.23
2016-03	10.29
2016-04	1.23
2016-05	0.24
2016-06	0.00
2016-07	0.00
2016-08	0.00
2016-09	0.00
Total	30.21

Water Year 2016-2017

Date	ppt (in)
2016-10	5.28
2016-11	2.93
2016-12	7.12
2017-01	16.64
2017-02	13.30
2017-03	4.59
2017-04	3.38
2017-05	0.00
2017-06	0.41
2017-07	0.00
2017-08	0.00
2017-09	0.02
Total	53.67

Water Year 2017-2018

Date	ppt (in)
2017-10	0.27
2017-11	4.24
2017-12	0.06
2018-01	5.41
2018-02	0.23
2018-03	7.22
2018-04	4.08
2018-05	0.06
2018-06	0.00
2018-07	0.00
2018-08	0.00
2018-09	0.00
Total	21.57

Water Year 2018-2019

Date	ppt (in)
2018-10	0.62
2018-11	6.19
2018-12	3.14
2019-01	9.56
2019-02	15.46
2019-03	6.47
2019-04	0.63
2019-05	3.57
2019-06	0.00
2019-07	0.00
2019-08	0.00
2019-09	0.05
Total	45.69

Water Year 2019-2020

Date	ppt (in)
2019-10	0.00
2019-11	0.94
2019-12	7.73
2020-01	2.78
2020-02	0.00
2020-03	1.47
2020-04	1.19
2020-05	1.39
2020-06	0.00
2020-07	0.00
2020-08	0.02
2020-09	0.00
Total	15.52

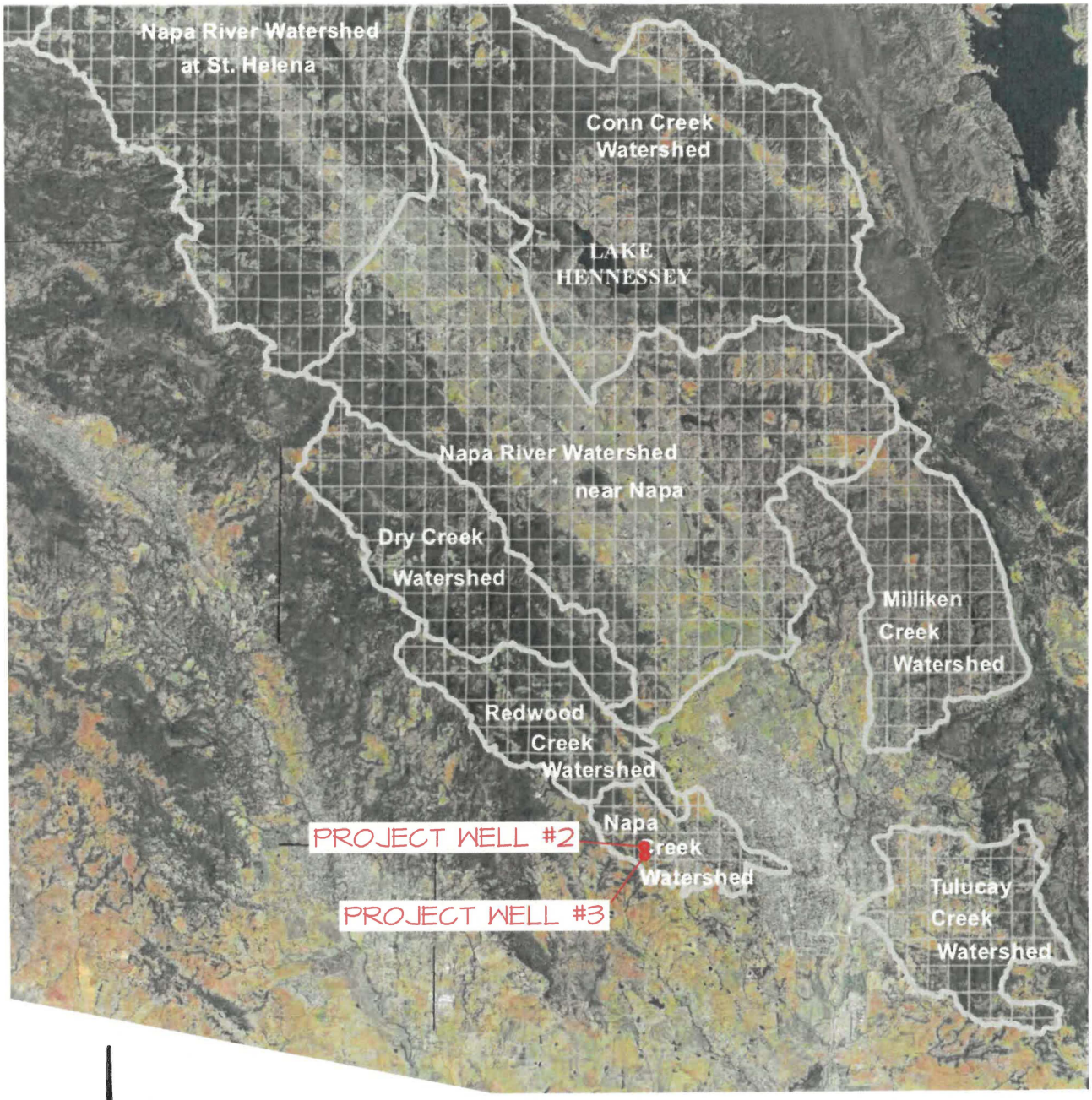
Water Year 2020-2021

Date	ppt (in)
2020-10	0.00
2020-11	1.35
2020-12	2.22
2021-01	3.82
2021-02	1.74
2021-03	2.16
2021-04	0.10
2021-05	0.00
2021-06	0.00
2021-07	0.00
2021-08	0.00
2021-09	0.05
Total	11.44

Table 1:

10 Yr Avg. Annual Rainfall

Date	ppt (in)
2011-2012	21.92
2012-2013	22.73
2013-2014	17.85
2014-2015	25.19
2015-2016	30.21
2016-2017	53.67
2017-2018	21.57
2018-2019	45.69
2019-2020	15.52
2020-2021	11.44
10 Yr Avg =	**26.58**



NAPA RIVER BASIN

SCALE: 1"=3.5 MILE

FORTE VINEYARD
FILE: #P20-00139-ECPA
WATER AVAILABILITY ANALYSIS

FIGURE 2A

FORTE WELLS WITHIN NAPA CREEK WATERSHED

NVVE 11-8-22 R3

AREAS OF GREAYEST POTENTIAL RECHARGE BY WATERSHED

	Area of Units of Greatest Potential Recharge (acres)										
Watershed	**Alluvial Fan Deposits**	**Channel Deposits (Holocene)**	**Napa Valley Alluvium (Undiff.)**	**Quaternary Alluvium**	**Quaternary Alluvium (Holocene)**	**Sonoma Volcanic Sediment**	**Sonoma Volcanics Tuff**	**Total Recharge Area**	**Percent of Watershed**	**Total Watershed Area (acres)**	**Recharge (% of Precip.)**
Napa River near Napa	**6,406**	**1,212**	**22,152**	**1,040**	**3,955**	**3,952**	**21,093**	**59,809**	**43%**	**139,819**	**17%**
- Conn Creek	1,223	125	950	487	402	1,997	3,154	8,338	23%	35,502	21%
- Dry Creek	0	78	7	112	0	0	91	288	3%	11,155	6%
- Napa River at St. Helena	834	455	6,135	148	2,772	827	17,150	28,321	56%	50,984	14%
-- Napa River at Calistoga	178	138	1,398	0	1,484	664	2,006	5,867	42%	13,937	19%
Milliken Creek	**170**	**23**	**46**	**105**	**216**	**640**	**1,747**	**2,947**	**27%**	**11,112**	**8%**
Tulucay Creek	**0**	**44**	**2,507**	**771**	**125**	**0**	**438**	**3,886**	**48%**	**8,052**	**5%**
Redwood Creek	**0**	**25**	**75**	**0**	**69**	**0**	**1,056**	**1,224**	**19%**	**6,434**	**10%**
Napa Creek at Napa	**622**	**110**	**571**	**7**	**302**	**0**	**1,190**	**2,802**	**28%**	**9,886**	**11%**

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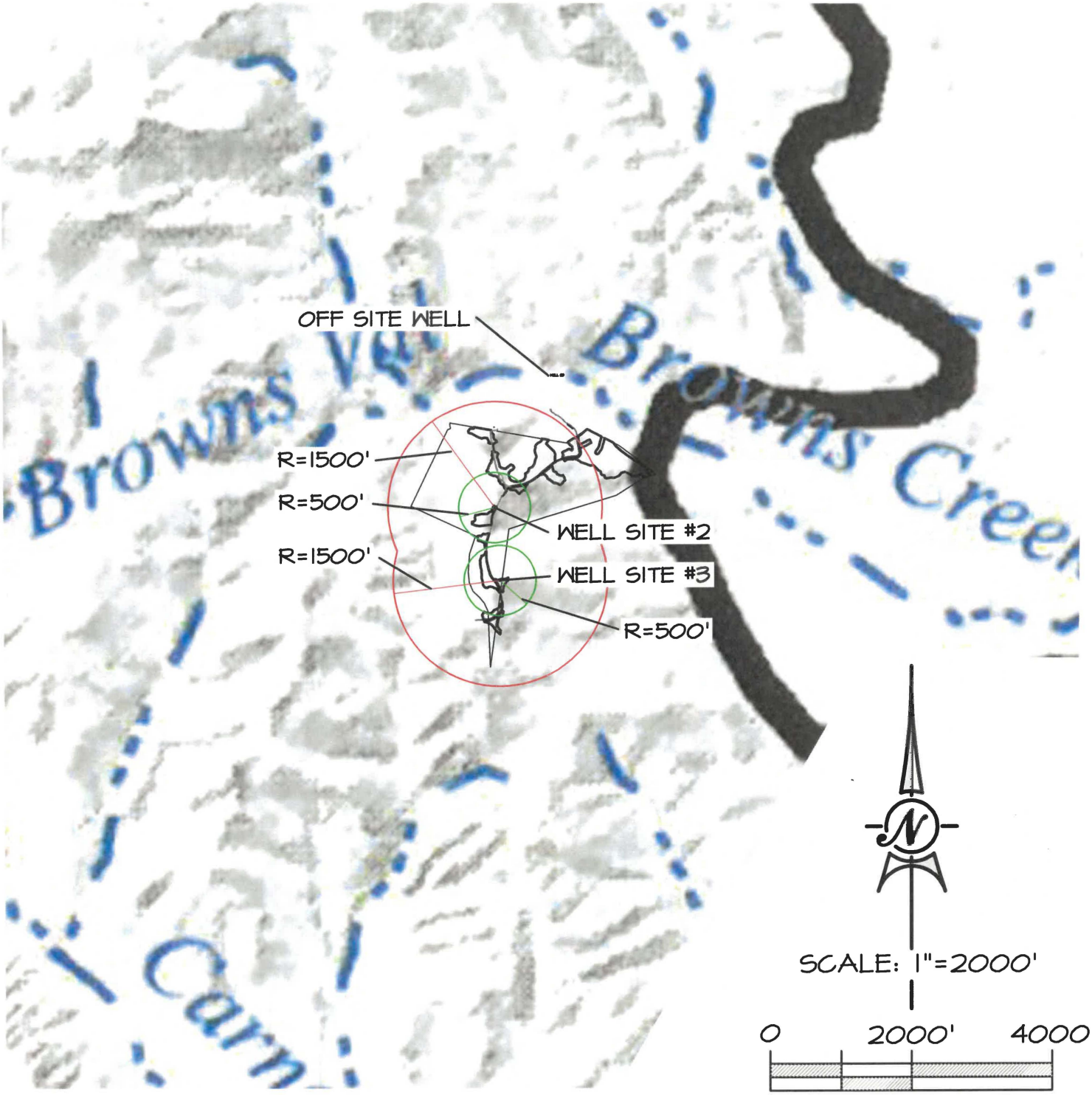
FIGURE 2B

NVVE 11-8-22 R3



RELATIONSHIP OF FORTE PROPOSED WELLS WITH NAPA COUNTY SIGNIFICANT STREAMS AND NEAREST OFF SITE WELL.

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WATER AVAILABILITY ANALYSIS

FIGURE 3

NVVE 11-8-22 R3