

**SUPPLEMENTAL INFORMATION
NUMBER:**

For Zoning Administrator Agenda of:

Consent Agenda Item	Item Number:
Continued Hearing Item	Item Number:
Public Hearing Item	Item Number:
Department Report	Item Number:
Old Business	Item Number:

Re:

Record Number:

Assessor's Parcel Number (APN):

Area:

Attached for the Zoning Administrator's record and review is the following supplementary information:

Bar 7K Farms LLC.

Cultivation Operation Addendum

Due to recent concerns from using ground water, Bar 7K Farms LLC, would like to propose moving to all rainwater catchment as a water source for cannabis cultivation upon approval.

Bar 7K Farms LLC will convert 4 proposed greenhouses to rain catchment structures, 2-20'x100' and 2-20'x105' will have gutters added. This will give the project 8,200 sq ft of additional rain catchment surface to the already proposed rain catchment tanks. 550 gallons of water is expected to be collected for every 1,000 sq ft per 1 inch of rain. And based on the average rainfall of 46.75 inches per year over the last 21 years according to the national weather service. See table below.

Monthly Total Precipitation for SCOTIA, CA
Click column heading to sort ascending, click again to sort descending.

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
2000	10.11	11.79	2.54	2.62	1.64	0.51	0.03	0.01	0.39	3.49	3.16	3.17	39.46
2001	7.14	6.65	5.02	3.12	0.23	0.68	0.08	0.08	0.11	1.44	9.41	12.45	46.41
2002	6.35	3.88	4.84	2.74	0.83	0.04	0.02	T	0.08	0.02	5.02	27.44	51.26
2003	5.13	4.25	7.38	13.95	1.27	0.10	0.01	0.13	0.30	0.20	4.98	12.90	50.38
2004	8.02	14.41	2.72	1.33	1.45	0.06	0.00	0.21	M	6.46	1.85	9.92	M
2005	7.60	3.98	8.36	5.96	4.64	2.77	0.01	0.00	0.03	1.48	7.32	M	M
2006	11.66	6.65	15.20	5.21	1.46	0.14	0.01	0.00	0.24	0.55	7.65	9.46	38.23
2007	1.70	12.31	2.91	3.61	0.82	0.46	0.67	0.02	0.31	3.62	1.89	10.72	39.04
2008	14.64	5.13	2.35	2.38	0.05	0.24	0.02	M	M	M	6.38	5.39	M
2009	1.94	10.05	M	1.31	2.76	0.06	0.02	0.01	0.45	4.33	4.59	4.58	M
2010	16.23	6.20	5.53	7.97	3.21	1.55	0.00	0.17	0.53	4.16	4.94	14.02	64.51
2011	M	5.70	M	3.89	2.34	1.11	0.24	0.01	0.19	M	4.29	1.07	M
2012	M	4.20	13.39	M	0.91	1.03	0.76	0.02	0.00	M	M	14.44	M
2013	3.02	1.47	3.45	1.61	M	M	0.00	M	3.78	0.03	0.88	0.64	M
2014	0.87	M	7.25	0.94	0.81	0.18	0.06	0.00	2.46	5.60	3.99	11.67	M
2015	1.22	11.92	2.30	3.66	0.33	0.02	0.19	0.28	0.50	0.68	4.85	14.81	M
2016	15.17	3.45	12.25	2.74	1.36	0.07	0.06	T	0.06	10.39	8.19	7.32	M
2017	16.33	16.84	7.80	M	1.01	0.46	0.11	M	0.56	0.98	6.58	1.21	M
2018	M	M	8.90	4.00	0.90	0.27	0.00	0.02	0.47	1.24	5.70	6.26	M
2019	10.80	17.62	6.66	2.98	4.78	0.00	0.03	M	1.00	0.76	2.04	11.06	M
2020	8.01	0.74	2.34	1.86	3.72	0.49	0.00	0.05	0.29	0.14	2.94	3.95	24.53
2021	9.50	5.08	4.88	0.66	0.22	0.30	0.08	0.00	0.76	4.57	M	M	M
Mean	8.18	7.62	6.30	3.63	1.65	0.50	0.11	0.06	0.63	2.64	4.83	9.12	46.75
Max	16.33	17.62	15.20	13.95	4.78	2.77	0.76	0.28	3.78	10.39	9.41	27.44	64.51
Min	0.87	0.74	2.30	0.66	0.05	0.00	0.00	0.00	0.02	0.88	0.64	24.53	2010
	2014	2020	2015	2021	2008	2019	2020	2021	2012	2002	2013	2013	2020

This will give the project an estimated 210,842.5 gallons of collected rain water per year. This will provide an adequate amount of water for the estimated 150,000 gallons estimated to be used for the growing year.

The proposed water storage will cover the estimated water needed for the operation. Bar 7K Farms LLC will only cultivate the square footage that they have the adequate water supply for, until they reach the full amount of storage needed to cultivate the full 20,000 square feet.