STAGE STORAGE DATA FOR
EXISTING INDUSTRIAL WASTEWATER HOLDING POND
CELL #1

Depth (feet) From Bottom	Elevation	Cumulative Volume Cu. Ft.	Acre ft.	Acre in.	Gallons
22	118.6	8,400,759	192.855	2314.26	62,842,038
21	117.6	7,916,469	181.737	2180.85	59,219,302
20	116.6	7,441,323	170.829	2049.95	55,664,960
19	115.6	6,975,351	160.132	1921.58	52,179,250
18	114.6	6,518,465	149.643	1795.72	48,761,505
17	113.6	6,070,575	139.361	1672.33	45,411,057
16	112.6	5,631,592	129.284	1551.40	42,127,235
15	111.6	5,201,427	119.408	1432.90	38,909,373
14	110.6	4,779,989	109.733	1316.80	35,756,800
13	109.6	4,367,172	100.256	1203.08	32,668,712
12	108.6	3,962,816	90.974	1091.68	29,643,926
11	107.6	3,566,705	81.880	982.56	26,680,803
10	106.6	3,178,651	72.972	875.66	23,777,958
9	105.6	2,798,535	64.246	770.95	20,934,492
8	104.6	2,426,260	55.699	668.39	18,149,684
7	103.6	2,061,747	47.331	567.97	15,422,940
6	102.6	1,704,918	39.140	469.67	12,753,673
5	101.6	1,355,694	31.122	373.47	10,141,296
4	100.6	1,013,996	23.278	279.34	7,585,220
3	99.6	679,747	15.605	187.26	5,084,858
2	98.6	353,261	8.110	97.32	2,642,573
1	97.6	91,104	2.091	25.10	681,502

STAGE STORAGE DATA FOR
EXISTING INDUSTRIAL WASTEWATER HOLDING POND
CELL #2

Depth (feet) From Bottom	Elevation	Cumulative Volume Cu. Ft.	Acre ft.	Acre in.	Gallons
22	118.6	8,379,237	192.361	2308.33	62,681,046
21	117.6	7,895,619	181.258	2175.10	59,063,330
20	116.6	7,421,103	170.365	2044.38	55,513,703
19	115.6	6,955,764	159.682	1916.19	52,032,726
18	114.6	6,499,517	149.208	1790.50	48,619,762
17	113.6	6,052,277	138.941	1667.29	45,274,176
16	112.6	5,613,959	128.879	1546.55	41,995,331
15	111.6	5,184,478	119.019	1428.23	38,782,592
14	110.6	4,763,749	109.361	1312.33	35,635,314
13	109.6	4,351,653	99.900	1198.80	32,552,627
12	108.6	3,948,054	90.635	1087.62	29,533,492
11	107.6	3,552,828	81.562	978.74	26,576,996
10	106.6	3,165,839	72.678	872.13	23,682,121
9	105.6	2,786,988	63.980	767.77	20,848,116
8	104.6	2,416,185	55.468	665.62	18,074,321
7	103.6	2,053,343	47.138	565.66	15,360,076
6	102.6	1,698,374	38.989	467.87	12,704,721
5	101.6	1,351,189	31.019	372.23	10,107,596
4	100.6	1,011,701	23.225	278.71	7,568,051
3	99.6	679,829	15.607	187.28	5,085,472
2	98.6	357,050	8.197	98.36	2,670,919
1	97.6	97,689	2.243	26.91	730,766

STAGE STORAGE DATA FOR
PROPOSED INDUSTRIAL WASTEWATER HOLDING POND
CELL #3

Depth (feet) From Bottom	Elevation	Cumulative Volume Cu. Ft.	Acre ft.	Acre in.	Gallons
20	118.6	8,559,133	196.491	2357.89	64,026,762
19	117.6	8,005,605	183.783	2205.40	59,886,088
18	116.6	7,464,831	171.369	2056.43	55,840,814
17	115.6	6,936,609	159.243	1910.91	51,889,435
16	114.6	6,420,742	147.400	1768.80	48,030,483
15	113.6	5,917,079	135.837	1630.05	44,262,822
14	112.6	5,425,472	124.552	1494.62	40,585,346
13	111.6	4,945,773	113.539	1362.47	36,996,953
12	110.6	4,477,836	102.797	1233.56	33,496,538
11	109.6	4,021,512	92.321	1107.85	30,082,996
10	108.6	3,576,653	82.109	985.30	26,755,226
9	107.6	3,143,113	72.156	865.87	23,512,121
8	106.6	2,720,744	62.460	749.52	20,352,580
7	105.6	2,309,398	53.016	636.20	17,275,497
6	104.6	1,908,927	43.823	525.88	14,279,769
5	103.6	1,519,185	34.876	418.51	11,364,292
4	102.6	1,140,023	26.171	314.06	8,527,962
3	101.6	771,294	17.706	212.48	5,769,677
2	100.6	412,850	9.478	113.73	3,088,333
1	99.6	103,429	2.374	28.49	773,704

PROFESSIONAL CIVIL ENGINEER
MATTHEW D. GOELLER
E-10507
STATE OF NEBRASKA

4-6-18

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Rev.	Date

Industrial Wastewater
Holding Pond Addition
Stage Storage Tables

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