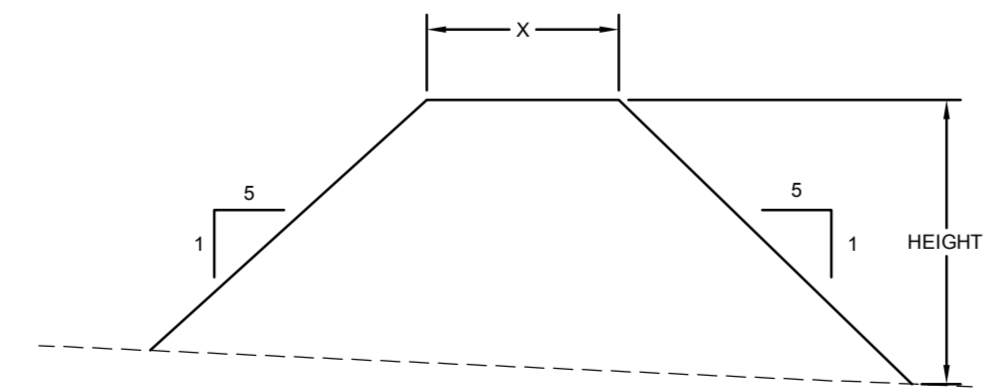
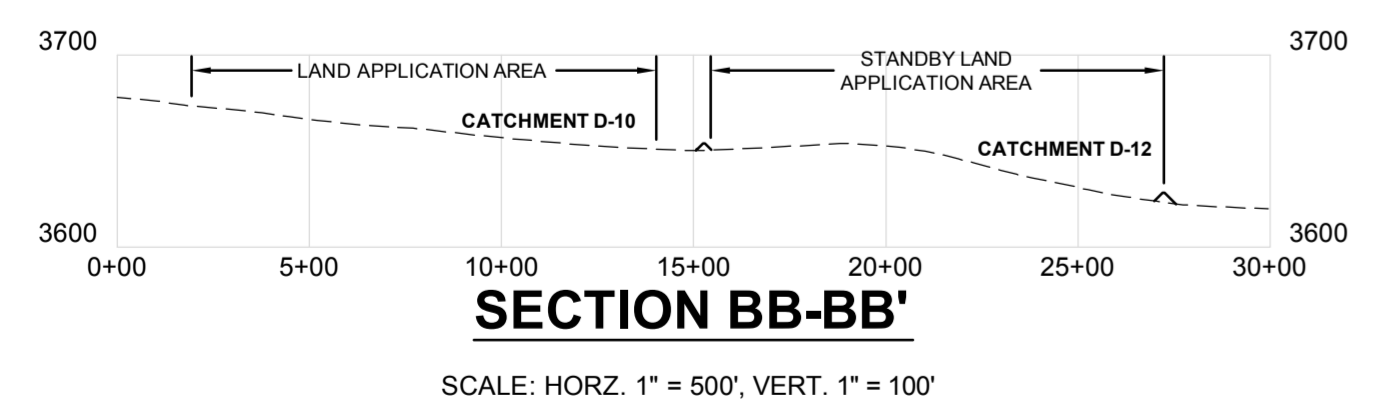
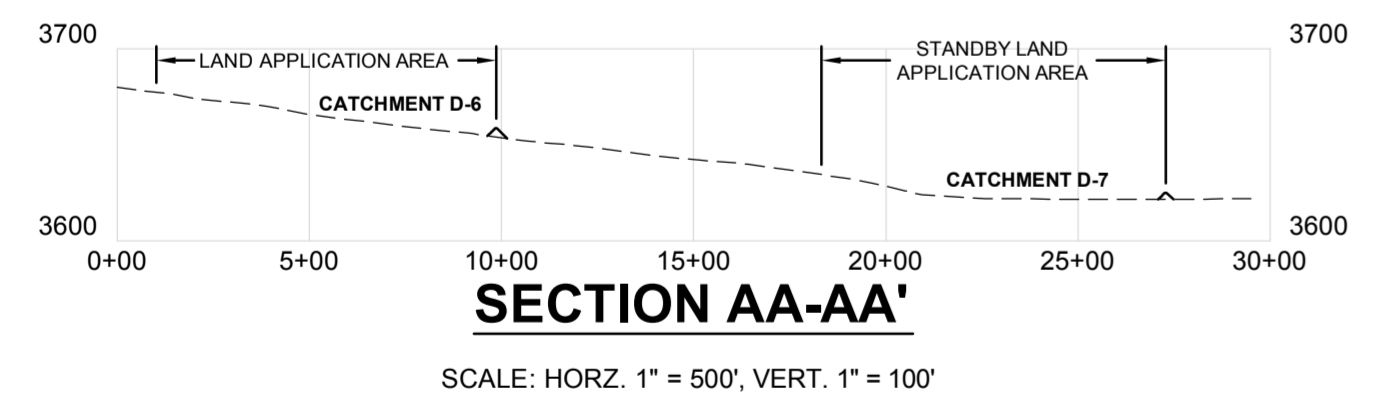


- LEGEND**
- PERMIT BOUNDARY
 - PRIMARY LAND APPLICATION AREA
 - STANDBY LAND APPLICATION AREA
 - DRAINAGE BOUNDARY
 - PIPELINE
 - GENERAL CATCHMENT BOUNDARY
 - NORMAL OPERATING LEVEL (RUNOFF / SNOWMELT ONLY)
 - MAXIMUM WATER LEVEL
 - CATCHMENT BERM FOOTPRINT



HEIGHT (FT)	X (ft)
≤6	5
6-8	8
8-10	10
>10	15

TYPICAL CATCHMENT BERM SECTION
NTS

Dewey Land Application Catchment Summary

Catchment Designation	Drainage Area (acres)	Drainage Area (mi ²)	2-Year Runoff Volume (acre-ft)	100-Year Runoff Volume (acre-ft)	Catchment Area (acres)	Catchment Capacity (acre-ft)	Catchment Height (ft)	2-Year Depth (ft)
D-1	99.41	0.16	3.04	19.53	13.76	23.39	5.0	2.0
D-2	2.05	0.00	0.33	0.82	0.44	0.94	7.3	3.0
D-3	1.38	0.00	0.22	0.55	0.28	0.59	9.5	3.0
D-4	30.36	0.05	0.95	6.30	3.47	8.16	9.0	3.0
D-5	50.18	0.08	1.52	9.76	5.64	12.97	7.5	2.5
D-6	29.01	0.05	0.95	6.30	2.71	4.93	5.6	2.5
D-7	103.98	0.16	3.04	19.53	22.06	71.39	5.8	1.0
D-8	8.17	0.01	0.19	1.22	1.26	2.17	5.4	1.5
D-9	9.28	0.01	0.19	1.22	0.94	1.76	8.0	2.0
D-10	62.17	0.10	1.90	12.20	4.83	9.84	6.5	3.5
D-11	10.08	0.02	0.38	2.44	1.65	2.99	4.9	1.5
D-12	13.84	0.02	0.38	2.44	2.01	3.12	6.0	2.0
D-13	51.60	0.08	1.52	9.76	4.38	10.61	7.5	3.0
D-14	32.45	0.05	0.95	6.30	3.39	7.64	6.3	2.0
D-15	74.84	0.12	2.28	14.64	6.84	20.83	8.8	3.5
Total:	17.84	0.12	2.28	14.64	73.66	180.83		

- Notes:
- Overflow from Catchment D-6 will be routed to Catchment D-5.
 - Overflow from Catchment D-10 will be routed to Catchment D-7.

CATCHMENT D-1 AREA CAPACITY TABLE

ELEVATION (ft)	AREA (ac)	AVG. AREA (ac)	CAPACITY (ac-ft)		INACTIVE CAPACITY (ac-ft)
			INCR.	ACCUM.	
3639.5	0.04	0.37	0.19	0.19	0.00
3640.5	0.69	1.05	0.53	0.72	0.00
3641.5	1.41	1.86	0.93	1.65	0.00
3642.0	2.30	2.88	1.44	3.09	0.00
3642.5	3.46	4.27	2.14	5.23	0.00
3643.0	5.07	5.98	2.99	8.22	0.00
3643.5	6.89	7.87	3.94	12.16	0.00
3643.5	8.84	9.99	5.00	17.16	0.00
3643.5	11.13	12.45	6.23	23.39	0.00
3644.0	13.76				100% FREEBOARD

CATCHMENT D-2 AREA CAPACITY TABLE

ELEVATION (ft)	AREA (ac)	AVG. AREA (ac)	CAPACITY (ac-ft)		INACTIVE CAPACITY (ac-ft)
			INCR.	ACCUM.	
3679.5	0.00	0.02	0.01	0.01	0.00
3680.0	0.04	0.06	0.03	0.04	0.00
3680.5	0.08	0.10	0.05	0.04	0.00
3681.0	0.12	0.15	0.08	0.09	0.00
3681.5	0.17	0.20	0.10	0.17	0.00
3682.0	0.22	0.25	0.13	0.27	0.00
3682.5	0.27	0.30	0.15	0.40	0.00
3683.0	0.32	0.35	0.18	0.55	0.00
3683.5	0.38	0.41	0.21	0.73	0.00
3684.0	0.44			0.94	0.00

CATCHMENT D-3 AREA CAPACITY TABLE

ELEVATION (ft)	AREA (ac)	AVG. AREA (ac)	CAPACITY (ac-ft)		INACTIVE CAPACITY (ac-ft)
			INCR.	ACCUM.	
3703.5	0.01	0.02	0.01	0.01	0.00
3704.0	0.03	0.04	0.02	0.03	0.00
3704.5	0.05	0.06	0.03	0.06	0.00
3705.0	0.07	0.09	0.05	0.07	0.00
3705.5	0.10	0.12	0.06	0.11	0.00
3706.0	0.14	0.16	0.08	0.17	0.00
3706.5	0.17	0.19	0.08	0.25	0.00
3707.0	0.20	0.22	0.11	0.35	0.00
3707.5	0.24	0.26	0.13	0.46	0.00
3708.0	0.28			0.59	0.00

CATCHMENT D-4 AREA CAPACITY TABLE

ELEVATION (ft)	AREA (ac)	AVG. AREA (ac)	CAPACITY (ac-ft)		INACTIVE CAPACITY (ac-ft)
			INCR.	ACCUM.	
3659.0	0.00	0.10	0.10	0.10	0.00
3660.0	0.19	0.37	0.37	0.47	0.00
3661.0	0.54	0.85	0.85	1.32	0.00
3662.0	1.16	1.52	1.52	2.84	0.00
3663.0	1.87	2.26	2.26	5.10	0.00
3664.0	2.65	3.06	3.06	8.16	0.00
3665.0	3.47				100% FREEBOARD

CATCHMENT D-5 AREA CAPACITY TABLE

ELEVATION (ft)	AREA (ac)	AVG. AREA (ac)	CAPACITY (ac-ft)		INACTIVE CAPACITY (ac-ft)
			INCR.	ACCUM.	
3631.0	0.00	0.02	0.01	0.01	0.00
3631.5	0.04	0.14	0.07	0.08	0.00
3632.0	0.23	0.32	0.16	0.24	0.00
3632.5	0.40	0.52	0.26	0.50	0.00
3633.0	0.63	0.78	0.39	0.89	0.00
3633.5	0.93	1.18	0.59	1.48	0.00
3634.0	1.43	1.67	0.84	2.32	0.00
3634.5	1.91	2.13	1.07	3.39	0.00
3635.0	2.34	2.58	1.29	4.68	0.00
3635.5	2.82	3.11	1.56	6.24	0.00
3636.0	3.39	3.74	1.87	8.11	0.00
3636.5	4.09	4.47	2.24	10.35	0.00
3637.0	4.84	5.24	2.62	12.97	0.00
3637.5	5.64				100% FREEBOARD

CATCHMENT D-6 AREA CAPACITY TABLE

ELEVATION (ft)	AREA (ac)	AVG. AREA (ac)	CAPACITY (ac-ft)		INACTIVE CAPACITY (ac-ft)
			INCR.	ACCUM.	
3654.0	0.02	0.06	0.03	0.03	0.00
3654.5	0.09	0.17	0.09	0.12	0.00
3655.0	0.25	0.37	0.19	0.31	0.00
3655.5	0.48	0.64	0.32	0.63	0.00
3656.0	0.79	0.98	0.49	1.12	0.00
3656.5	1.17	1.34	0.67	1.79	0.00
3657.0	1.51	1.69	0.85	2.64	0.00
3657.5	1.87	2.07	1.04	3.68	0.00
3658.0	2.27	2.49	1.25	4.93	0.00
3658.5	2.71				100% FREEBOARD

CATCHMENT D-7 AREA CAPACITY TABLE

ELEVATION (ft)	AREA (ac)	AVG. AREA (ac)	CAPACITY (ac-ft)		INACTIVE CAPACITY (ac-ft)
			INCR.	ACCUM.	
3619.5	0.46	2.17	1.09	1.09	0.00
3620.5	3.88	4.69	2.35	6.44	0.00
3621.0	5.49	6.31	3.16	9.60	0.00
3621.5	7.12	8.34	4.17	13.77	0.00
3621.5	9.55	11.56	5.78	19.55	0.00
3622.0	13.56	14.46	7.23	26.78	0.00
3622.5	15.35	16.14	8.07	34.85	0.00
3623.0	16.92	17.67	8.84	43.69	0.00
3623.5	18.41	19.22	9.61	53.30	0.00
3624.0	20.02	20.57	10.29	63.59	0.00
3624.5	21.12	21.59	10.80	74.39	0.00
3625.0	22.06				100% FREEBOARD

CATCHMENT D-8 AREA CAPACITY TABLE

ELEVATION (ft)	AREA (ac)	AVG. AREA (ac)	CAPACITY (ac-ft)		INACTIVE CAPACITY (ac-ft)
			INCR.	ACCUM.	
3702.0	0.00	0.04	0.02	0.00	0.00
3702.5	0.08	0.14	0.07	0.02	0.00
3703.0	0.19	0.27	0.14	0.09	0.00
3703.5	0.34	0.43	0.22	0.23	0.00
3704.0	0.51	0.59	0.30	0.45	0.00
3704.5	0.67	0.75	0.38	0.75	0.00
3705.0	0.83	0.93	0.47	1.13	0.00
3705.5	1.02	1.14	0.57	1.60	0.00
3706.0	1.26			2.17	0.00

CATCHMENT D-9 AREA CAPACITY TABLE

ELEVATION (ft)	AREA (ac)	AVG. AREA (ac)	CAPACITY (ac-ft)		INACTIVE CAPACITY (ac-ft)
			INCR.	ACCUM.	
3691.5	0.01	0.03	0.02	0.00	0.00
3692.0	0.05	0.08	0.04	0.06	0.00
3692.5	0.11	0.15	0.08	0.14	0.00
3693.0	0.19	0.24	0.12	0.26	0.00
3693.5	0.28	0.35	0.18	0.44	0.00
3694.0	0.42	0.47	0.24	0.68	0.00
3694.5	0.52	0.58	0.29	0.97	0.00
3695.0	0.64	0.71	0.36	1.33	0.00
3695.5	0.77	0.86	0.43	1.76	0.00
3696.0	0.94				100% FREEBOARD

CATCHMENT D-10 AREA CAPACITY TABLE

ELEVATION (ft)	AREA (ac)	AVG. AREA (ac)	CAPACITY (ac-ft)		INACTIVE CAPACITY (ac-ft)
			INCR.	ACCUM.	
3648.0	0.00	0.03	0.02	0.00	0.00
3648.5	0.05	0.10	0.05	0.02	0.00
3649.0	0.15	0.24	0.12	0.19	0.00
3649.5	0.33	0.47	0.24	0.43	0.00
3650.0	0.60	0.76	0.38	0.81	0.00
3650.5	0.91	1.08	0.54	1.35	0.00
3651.0	1.25	1.46	0.73	2.08	0.00
3651.5	1.66	1.92	0.96	3.04	0.00
3652.0	2.17	2.45	1.23	4.27	0.00
3652.5	2.73	3.03	1.52	5.79	0.00
3653.0	3.33	3.67	1.84	7.63	0.00
3653.5	4.00	4.42	2.21	9.84	0.00
3654.0	4.83				100% FREEBOARD

CATCHMENT D-11 AREA CAPACITY TABLE

ELEVATION (ft)	AREA (ac)	AVG. AREA (ac)	CAPACITY (ac-ft)		INACTIVE CAPACITY (ac-ft)
			INCR.	ACCUM.	
3638.5	0.02	0.09	0.05	0.00	0.00
3639.0	0.15	0.23	0.12	0.05	0.00
3639.5	0.31	0.43	0.22	0.17	0.00
3640.0	0.54	0.66	0.33	0.39	0.00
3640.5	0.78	0.90	0.45	0.72	0.00
3641.0	1.02	1.15	0.58	1.17	0.00
3641.5	1.28	1.47	0.74	1.75	0.00
3642.0	1.65			2.49	0.00

CATCHMENT D-12 AREA CAPACITY TABLE

ELEVATION (ft)	AREA (ac)	AVG. AREA (ac)	CAPACITY (ac-ft)		INACTIVE CAPACITY (ac-ft)
			INCR.	ACCUM.	
3624.5	0.02	0.06	0.03	0.00	0.00
3625.0	0.09	0.14	0.07	0.10	0.00
3625.5	0.19	0.30	0.15	0.25	0.00
3626.0	0.40	0.54	0.27	0.52	0.00
3626.5	0.68	0.81	0.41	0.93	0.00
3627.0	0.95	1.11	0.56	1.49	0.00
3627.5	1.26	1.44	0.72	2.21	0.00
3628.0	1.61	1.81	0.91	3.12	0.00
3628.5	2.01				100% FREEBOARD

CATCHMENT D-13 AREA CAPACITY TABLE

ELEVATION (ft)	AREA (ac)	AVG. AREA (ac)	CAPACITY (ac-ft)		INACTIVE CAPACITY (ac-ft)
			INCR.	ACCUM.	