

TRAILS DMP POND VOLUMES
FEBRUARY 25, 2014

POND D					
ELEVATION	AREA (SF)	AREA (AC)	INC. VOLUME (CF)	CUM. VOLUME (CF)	CUM. VOLUME (AC-FT)
5429.46	0	0	0	0	0
5430	2756	0.06326905	744	744	0.02
5431	23638	0.54265381	13197	13941	0.32
5432	37556	0.86216713	30597	44538	1.02
5433	41587	0.95470615	39572	84110	1.93
5434	45335	1.04074839	43461	127571	2.93
5435	49182	1.12906336	47259	174829	4.01
5436	53130	1.21969697	51156	225985	5.19
ES 5436.85	56589	1.29910468	46631	272616	6.26
5437	57199		8534	281150	6.45
5438	61378		59289	340438	7.82
POND F					
ELEVATION	AREA (SF)	AREA (AC)	INC. VOLUME (CF)	CUM. VOLUME (CF)	CUM. VOLUME (AC-FT)
5415.08	0	0	0	0	0
5416	6750	0.15495868	3105	3105	0.07
5417	40875	0.93836088	23813	26918	0.62
5418	58868	1.35142332	49872	76789	1.76
5419	62075	1.42504591	60472	137261	3.15
5420	65339	1.49997704	63707	200968	4.61
5421	68659	1.57619376	66999	267967	6.15
5422	72036	1.65371901	70348	338314	7.77
5423	75469	1.73252984	73753	412067	9.46
5424	78959	1.81264922	77214	489281	11.23
ES 5424.33	80155	1.8401056	26254	515534	11.84
5425	82547	1.89501837	54505	570039	13.09
POND G					
ELEVATION	AREA (SF)	AREA (AC)	INC. VOLUME (CF)	CUM. VOLUME (CF)	CUM. VOLUME (AC-FT)
5415.67	0	0	0	0	0
5416	1770	0.04063361	885	885	0.02
5417	18197	0.41774564	9984	10869	0.25
5418	35019	0.80392562	26608	37477	0.86
5419	51588	1.18429752	43304	80780	1.85
5420	64405	1.47853535	57997	138777	3.19
5421	69184	1.5882461	66795	205571	4.72
5422	74067	1.70034435	71626	277197	6.36
ES 5422.50	76539	1.75709366	37652	314848	7.23
5423	79010	1.81382002	76539	353735	8.12
5424	84095	1.93055556	81553	435288	9.99

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POND H					
ELEVATION	AREA (SF)	AREA (AC)	INC. VOLUME (CF)	CUM. VOLUME (CF)	CUM. VOLUME (AC-FT)
5418.65	0	0	0	0	0
5419	14234	0.32676768	2491	2491	0.06
5420	35514	0.81528926	24874	27365	0.63
5421	55545	1.27513774	45530	72894	1.67
ES 5422	66534	1.52741047	61040	133934	3.07
POND J					
ELEVATION	AREA (SF)	AREA (AC)	INC. VOLUME (CF)	CUM. VOLUME (CF)	CUM. VOLUME (AC-FT)
5414	64648	1.48411387	0	0	0
5415	106394	2.44247016	85521	85521	1.96
5416	131917	3.02839761	119156	204677	4.70
5417	150216	3.44848485	141067	345743	7.94
5418	165320	3.79522498	157768	503511	11.56
POND K					
ELEVATION	AREA (SF)	AREA (AC)	INC. VOLUME (CF)	CUM. VOLUME (CF)	CUM. VOLUME (AC-FT)
5404.85	10911	0.25048209	0	0	0
5405	59617	1.368618	5290	5290	0.12
5406	95938	2.20243343	77778	83067	1.91
5407	139074	3.19269972	117506	200573	4.60
5408	204804	4.70165289	171939	372512	8.55
5409	283261	6.50277778	244033	616545	14.15
5410	311587	7.15305326	297424	913969	20.98
POND F5 - PROPOSED					
ELEVATION	AREA (SF)	AREA (AC)	INC. VOLUME (CF)	CUM. VOLUME (CF)	CUM. VOLUME (AC-FT)
5421	8002	0.18370064	0	0	0.0000
5422	9361	0.21489899	8682	8682	0.1993
5423	10955	0.25149219	10158	18840	0.4325
5424	12815	0.29419192	11885	30725	0.7053
5425	14993	0.34419192	13904	44629	1.0245
5426	17537	0.40259412	16265	60894	1.3979
5427	20399	0.4682966	18968	79862	1.8334