

ENGINEERING APPROVAL AUTHORITY CHART

Name: _____

CODE	PRACTICE	LIMITING FACTORS	UNITS	JOB CLASS					MAXIMUM APPROVAL LIMIT		
				I	II	III	IV	V	I&E	DESIGN	CONSTR
	Any practice	Hazard Potential	N/A	Low	Low	Low	Low	Low			
	Any practice	Alters visual resource of ocean beach or shoreline	N/A	None	None	None	None	None			
560	Access Road	Use	Type	Field Access	Farmstead (Gravel)	Farmstead (Paved)	Public (One-way)	Public (Two-way)			
309	Agrichemical Handling Facility	Surface Area	SQ FT	None	None	1000	2000	All			
371	Air Filtration and Scrubbing	Air Exchange Rate	CFM	500	2,000	10,000	50,000	All			
316	Animal Mortality Facility	Animal (Carcass) capacity	LB	None	None	100	2000	All			
575	Animal Trails and Walkways	Surface Treatment	Type	Unsurfaced	Mulch	Gravel	Paved	All			
310	Bedding	Area Treated	AC	5	10	20	50	All			
584	Channel Bed Stabilization	Design Capacity	CFS	50	100	250	500	1000			
		Design Velocity	FPS	2	3	5	7	10			
326	Clearing & Snagging	Drainage Area	SQ MI	0.5	1	5	10	All			
		Length of Channel	LF	100	500	1000	5000	All			
372	Combustion System Improvement	Power Requirement	HP	5	25	75	180	All			
317	Composting Facility	Volume	CY	50	5000	10000	20000	All			
656	Constructed Wetlands	Surface Area	AC	0.5	2	5	10	All			
356	Dike	Hazard	Class	III	III	III	III	III			
		Water Height	FT	2	3	6	8	12			
362	Diversion	Drainage Area	AC	20	50	100	150	All			
554	Drainage Water Management	Area Drained	AC	20	50	100	150	All			
432	Dry Hydrant	Diameter	IN	None	None	None	6	All			
373	Dust Control on Unpaved Roads and Surfaces	Area Treated	AC	0.1	0.5	1.0	2.0	All			
412	Grassed Waterway	Design Capacity	CFS	20	50	100	200	All			
561	Heavy Use Area Protection	Surface Treatment	Type	Vegetative	Mulch	Gravel	Paved	All			
		Surface Area	SQ FT	500	1000	5000	10000	All			

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320	Irrigation Canal or Lateral	Capacity	CFS	None	50	100	250	500			
388	Irrigation Field Ditch	Area Irrigated	AC	2	5	10	25	All			
464	Irrigation Land Leveling	Area Treated	AC	2	5	10	25	All			
430	Irrigation Pipeline	Pipeline Capacity, \geq 50 psi	GPM	250	500	1000	2000	3500			
		Pipeline Capacity, < 50 psi	GPM	250	500	1000	2000	5000			
436	Irrigation Reservoir, Excavated	Surface Area	AC	0.5	1.0	2.0	3.0	All			
441	Irrigation System, Microirrigation	Area Irrigated	AC	10	25	50	100	All			
442	Irrigation System, Sprinkler	Area Irrigated	AC	10	25	50	100	All			
447	Irrigation System, Tailwater Recovery	Area Irrigated	AC	10	25	50	100	All			
449	Irrigation Water Management	Area Irrigated	AC	10	25	50	100	All			
527	Karst Sinkhole Treatment	Treatment Method	Type	None	None	None	Vegetative	All			
460	Land Clearing	Area Cleared	AC	5	10	20	50	All			
466	Land Smoothing	Area Treated	AC	5	10	20	50	All			
468	Lined Waterway or Outlet	Design Capacity	CFS	10	20	50	100	200			
353	Monitoring Well	Diameter	IN	None	None	None	2	All			
500	Obstruction Removal	Area Cleared	AC	0.1	0.2	0.5	1.0	All			
582	Open Channel	Design Capacity	CFS	50	100	250	500	1000			
		Design Velocity	FPS	2	3	5	7	10			
516	Pipeline	Pressure	PSI	25	50	80	150	300			
378	Pond, Excavated	Surface Area	AC	0.5	1.0	2.0	3.0	All			
521	Pond Sealing or Lining	Maximum Water Depth	FT	8	12	16	24	All			
462	Precision Land Forming	Area Treated	AC	2	5	10	25	All			
533	Pumping Plant	Capacity, Axial flow pump	GPM	1000	5000	10,000	25,000	50,000			
		Capacity, Centrifugal & Turbine pumps	GPM	250	500	1000	1500	3500			
		Static Head, Turbine	FT	20	50	100	200	500			
		Static Head, Centrifugal	FT	20	50	100	200	350			
566	Recreation Land Grading and Shaping	Area Treated	AC	2	5	10	25	All			

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558	Roof Runoff Structure	Roof Area	SQ FT	5000	10000	20000	40000	All			
367	Roofs and Covers	Cover Area	SQ FT	500	1000	5000	10000	All			
557	Row Arrangement	Area Treated	AC	5	10	20	50	All			
632	Solid/Liquid Waste Separation Facility	Method	Type	None	None	Gravity	Mechanical	All			
572	Spoil Spreading	Area	AC	5	10	20	50	All			
574	Spring Development	System Capacity	GPM	2	5	10	25	All			
570	Stormwater Runoff Control	Drainage Area	AC	5	10	20	50	All			
580	Streambank and Shoreline Protection	Stream Bankfull Capacity	CFS	50	100	250	500	5000			
		Stream Drainage Area	SQ MI	0.5	1	5	10	All			
		Stream Bankfull Velocity	FPS	2	3	5	7	10			
		Stream Low Bank Height	FT	2	4	6	8	All			
		Shoreline, Height ¹	FT	None	None	None	1.5	3			
578	Stream Crossing	Drainage Area	SQ MI	0.5	1	5	10	All			
		Culvert Area	SQ FT	2	4	7	13	All			
		Bridge Span	FT	None	6	12	24	All			
606	Subsurface Drain	Inside Diameter	IN	6	8	12	18	All			
		Total System Length	FT	3000	5000	10000	40000	All			
607	Surface Drain, Field Ditch	Area Drained	AC	20	50	100	150	All			
608	Surface Drain, Main or Lateral	Design Capacity	CFS	50	100	250	500	1000			
		Design Velocity	FPS	2	3	5	7	10			
600	Terrace	Area Terraced	AC	10	20	50	100	All			
568	Trails and Walkways	Surface Treatment	Type	Unsurfaced	Mulch	Gravel	Paved	All			
620	Underground Outlet	Inside Diameter	IN	6	8	12	18	All			
635	Vegetated Treatment Area	Area	AC	0.1	0.3	0.5	1.0	All			
360	Waste Facility Closure	Storage Capacity	CF	None	1000	10000	100000	All			

¹ Water height above shoreline.

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313	Waste Storage Facility	Animal Capacity	AU	25	50	100	200	All			
		Storage Capacity	CF	None	1000	10000	100000	2 million			
634	Waste Transfer	Method	Type	None	None	Gravity	Mechanical	All			
359	Waste Treatment Lagoon	Aerobic Surface Area	AC	None	1	2	5	25			
		Anaerobic Volume	AC FT	None	None	None	None	46			
614	Watering Facility	Animal Capacity	AU	25	50	100	200	All			
638	Water and Sediment Control Basin	Fill Height	FT	4	6	8	10	All			
		Drainage Area	AC	5	10	20	50	All			
642	Water Well	Yield	GPM	5	25	50	100	All			
351	Water Well Decommissioning	Diameter	IN	None	None	None	None	All			
658	Wetland Creation	Surface Area	AC	0.5	2	5	10	All			
659	Wetland Enhancement	Surface Area	AC	0.5	2	5	10	All			
657	Wetland Restoration	Surface Area	AC	0.5	2	5	10	All			

CODE	DAMS AND STRUCTURES	LIMITING FACTORS	UNITS	I	II	III	IV	V	I&E	DESIGN	CONSTR
402	Dam	Hazard	Class	Low	Low	Low	Low	Low			
		Effective Height	FT	10	15	20	25	35			
		Storage x Height	AC FT	10	50	300	3000	All			
410	Grade Stabilization Structure	Drainage Area	AC	20	50	150	320	12800			
436	Irrigation Reservoir, Embankment	Conduit Spillway Inside Diam	IN	18	24	36	48	All			
		Straight Drop Spillway ²									
378	Pond, Embankment	Net Drop	FT	3	4	6	8	All			
		Weir Capacity	CFS	25	100	200	500	All			
350	Sediment Basin	Box Inlet Drop Spillway ²									
587	Structure for Water Control	Net Drop	FT	3	4	6	8	All			
		Weir Capacity	CFS	25	100	200	500	All			
		Chute Spillway ²									
		Net Drop	FT	3	4	6	8	All			
		Weir Capacity	CFS	25	100	200	300	All			

² Assign one approval limit based on all factors listed for that type of structure.