



SYSTEM SELECTION GUIDELINES

Inorganic Matter									
Concentration	Dirt Load Mg/L	Yardney Pump Suction Screen	Yardney Centrifugal Sand Separator	Yardney Maxi-Clean Screen	Yardney Basket Strainer	Yardney Spin-Flow Screen	Yardney Thru-Flush Screen	Yardney Maxi-Flush Screen	Yardney Sand Media
Light Concentration	Less than 10 Mg/L	YES	YES	YES	Use only as a secondary filter	YES	YES	YES	YES
Moderate Concentration	10-25 Mg/L	YES	YES	YES	Use only as a secondary filter	YES	YES	YES	YES
Medium Concentration	25-50 Mg/L	YES	YES	YES (With a Yardney Sand Separator)	Use only as a secondary filter	YES (With a Yardney Sand Separator)	YES (With a Yardney Sand Separator)	YES	YES
Medium-Heavy Concentration	50-75 Mg/L	YES	YES	YES (With a Yardney Sand Separator)	Use only as a secondary filter	Not Recommended	YES (With a Yardney Sand Separator)	YES	YES
Heavy Concentration	75-100 Mg/L	YES	YES	Not Recommended	Use only as a secondary filter	Not Recommended	Not Recommended	YES (With a Yardney Sand Separator)	YES
Very Heavy Concentration	Greater than 100 Mg/L	YES	YES	Not Recommended	Use only as a secondary filter	Not Recommended	Not Recommended	Not Recommended	YES (With a Yardney Sand Separator)

Organic Matter or Mixed Organic and Inorganic Matter									
Concentration	Dirt Load Mg/L	Yardney Pump Suction Screen	Yardney Centrifugal Sand Separator	Yardney Maxi-Clean Screen	Yardney Basket Strainer	Yardney Spin-Flow Screen	Yardney Thru-Flush Screen	Yardney Maxi-Flush Screen	Yardney Sand Media
Light Concentration	Less than 10 Mg/L	YES	YES (Inorganic separation only)	Not Recommended	Use only as a secondary filter	Not Recommended	Not Recommended	YES	YES
Moderate Concentration	10-25 Mg/L	YES	YES (Inorganic separation only)	Not Recommended	Use only as a secondary filter	Not Recommended	Not Recommended	YES	YES
Medium Concentration	25-50 Mg/L	YES	YES (Inorganic separation only)	Not Recommended	Use only as a secondary filter	Not Recommended	Not Recommended	YES	YES
Medium-Heavy Concentration	50-75 Mg/L	YES	YES (Inorganic separation only)	Not Recommended	Use only as a secondary filter	Not Recommended	Not Recommended	OK	YES
Heavy Concentration	75-100 Mg/L	YES	YES (Inorganic separation only)	Not Recommended	Use only as a secondary filter	Not Recommended	Not Recommended	OK	YES
Very Heavy Concentration	Greater than 100 Mg/L	YES	YES (Inorganic separation only)	Not Recommended	Use only as a secondary filter	Not Recommended	Not Recommended	Not Recommended	YES (With a Yardney Sand Separator)

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