

The following categories are used for ranking SWPP projects:

<u>Category</u>	<u>Description</u>
A.	Source water protection projects that address microbial contaminants associated with PCAs located in Zone A of a SWP area for a ground water source, or located in Zone A or B of a SWP area for a surface water source if zones have been established.
B.	Source water protection projects that address nitrate associated with PCAs located in Zone A for a ground water source.
C.	Source water protection projects that address nitrate associated with PCAs located in Zones B5, B10 and/or a recharge area for a ground water source.
D.	Source water protection projects that address disinfection byproducts and/or chemicals associated with PCAs located in Zones A and/or B5 for a ground water source, or located in Zones A and/or B for a surface water source if zones have been established.
E.	Source water protection projects that address disinfection byproducts and/or chemicals associated with PCAs in Zone B10 of a ground water source.
F.	Source water protection projects that address disinfection byproducts and/or chemicals associated with PCAs in in the watershed of a surface water source.
G.	Source water protection projects that address disinfection byproducts and/or chemicals associated with PCAs in the recharge area of a ground water source.
H.	Source water protection projects that address microbial contaminants associated with PCAs located in Zone B5 and/or B10 for a ground water source, in the recharge area of a ground water source, or in the watershed of a surface water source.
I.	Source water protection projects that address microbial contaminants, nitrate, or disinfection byproducts and/or chemicals associated with PCAs in the buffer zone of a ground water source, if a buffer zone has been established.

# Information to Use in Assigning Source Water Protection Categories and Bonus Points

## PROJECT PRIORITY RANKING LIST

Projects will be ranked based on the project category. Projects within the same category will be ranked based on bonus points, system type, and population served.

## SOURCE WATER PROTECTION CATEGORIES

**Sorted by Type of Source and Category**

### Ground Water Sources

Category	Type of contaminant	Contaminant associated with Possible Contaminating Activities (PCAs) in:
A	Microbial	Zone A
B	Nitrate	Zone A
C	Nitrate	Zones B5 and B10 and/or recharge area
D	Disinfection byproducts and/or chemicals	Zones A and/or B5
E	Disinfection byproducts and/or chemicals	Zone B10
G	Disinfection byproducts and/or chemicals	Recharge area
H	Microbial	Zones B5 and/or B10
H	Microbial	Recharge area
I	Microbial	Buffer zone, if established
I	Nitrate	Buffer zone, if established
I	Disinfection byproducts and/or chemicals	Buffer zone, if established

### Surface Water Sources

Category	Type of contaminant	Contaminant associated with Possible Contaminating Activities (PCAs) in:
A	Microbial	Zone A
A	Microbial	Zone B
D	Disinfection byproducts and/or chemicals	Zones A and/or B
F	Disinfection byproducts and/or chemicals	Watershed
H	Microbial	Watershed

**Sorted by Category**

Category	Type of contaminant	Contaminant associated with Possible Contaminating Activities (PCAs) in:	Source
A	Microbial	Zone A	Ground
A	Microbial	Zone A	Surface
A	Microbial	Zone B	Surface
B	Nitrate	Zone A	Ground
C	Nitrate	Zones B5 and B10 and/or recharge area	Ground
D	Disinfection byproducts and/or chemicals	Zones A and/or B5	Ground
D	Disinfection byproducts and/or chemicals	Zones A and/or B	Surface
E	Disinfection byproducts and/or chemicals	Zone B10	Ground
F	Disinfection byproducts and/or chemicals	Watershed	Surface
G	Disinfection byproducts and/or chemicals	Recharge area	Ground
H	Microbial	Zones B5 and/or B10	Ground
H	Microbial	Recharge area	Ground
H	Microbial	Watershed	Surface
I	Microbial	Buffer zone, if established	Ground
I	Nitrate	Buffer zone, if established	Ground
I	Disinfection byproducts and/or chemicals	Buffer zone, if established	Ground

## BONUS POINTS

Bonus points will be awarded to projects using the following criteria:

Criteria	Bonus Points
Source water assessment completed per California DWSAP program	4
Local task force or work group has been organized to develop and carry out a source water protection program	2
Source water protection program has been developed that identifies possible management measures	2
Contamination from PCA(s) that project proposes to address has been released and the direction of movement is toward the drinking water source	3

## TYPE OF SYSTEM/SIZE OF SYSTEM

Projects within the same category with the same number of bonus points will be ranked in accordance with the following criteria:

- A. Community water system projects will be ranked above nontransient-noncommunity, and nontransient-noncommunity water system projects will be ranked above transient-noncommunity water system projects.
- B. Projects that are proposed by the same type of water system will be ranked in ascending order (smaller populations above higher populations) by the number of persons served by the water system.

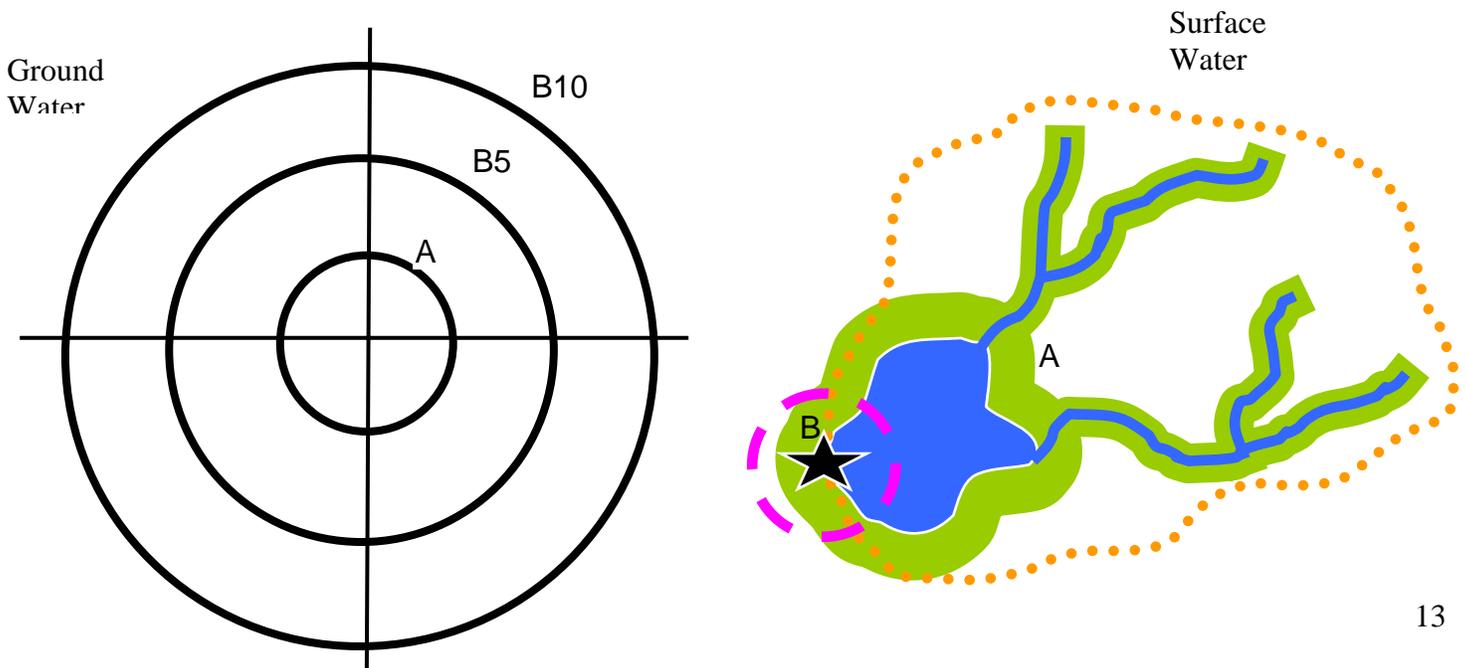
## ZONES

Ground Water DWSAP minimum radii for zones (see illustration below)

	Porous Media	Fractured Rock
Zone A	600'	900'
Zone B5	1000'	1500'
Zone B10	1500'	2250'

Surface Water DWSAP recommended distances for zones (see illustration below)

Zone A	200' from banks of reservoir or primary stream channel
	400' from tributaries
Zone B	2500' around intake



## TYPES OF CONTAMINANTS

The following table is provided to assist in determining the possible contaminating activities (PCAs) associated with microbiological and nitrate contaminants. Any other PCAs in the DWSAP program not on this list are associated with chemicals/disinfection byproducts. If a project addresses more than one type of contaminant (i.e., microbiological and nitrates), assign the category based on the higher risk contaminant.

<b>Contaminant</b>	<b>Source</b>	<b>Possible Contaminating Activities</b>
Microbiological: Coliform; Giardia Lambia; Legionella; Viruses; Cryptosporidium	Commercial / Industrial	Sewer Lines
	Residential / Municipal	Septic Systems, Waste Transfer / Recycling, Wastewater treatment and disposal; Sludge applications to land; Sewer lines
	Agricultural / Rural	Animal Operations, Confined Animal Feeding Operations, Lagoons and Liquid Waste, Septic Systems, Grazing animals; Managed Forests (associated with high turbidity); Concentrated Aquatic animal production
	Other	Surface Water recreational areas
Nitrate; Nitrite	Commercial / Industrial	Boat Repair / Refinishing; Historic Waste Dumps / Landfills; Food processing
	Residential / Municipal	Apartments and Condominiums, Camp Grounds / RV Parks, Golf Courses and Parks, Housing, Landfills / Dumps, Septic Systems; Waste Transfer / Recycling, Wastewater treatment and disposal
	Agricultural / Rural	Animal Operations, Grazing Animals; Confined Animal Feeding Operations, Crops - Irrigated + Non-irrigated, Lagoons and Liquid Waste, Pesticide/Fertilizer Storage Sites, Septic systems; Agricultural drainage; fertilizer application; sludge application to land; Agriculture irrigation wells