BOSQUE ECOSYSTEM MONITORING PROGRAM

Monitoring Schedule

Monitoring Schedule Background

The Bosque Ecosystem Monitoring Program is designed to gather information from a series of sites along the Rio Grande. As any scientific study, it is critical to limit variables so comparisons can be made among the sites. For this reason, data are collected at all sites in the same way and during the week or season.

The week of the third Tuesday every month, we collect data at

- five groundwater wells
- 10 litterfall tubs
- two precipitation gauges (see image)

The first week of May, fourth week of June and fourth week of September, we collect pitfall traps/surface active arthropods.

Additional data sets are collected as determined by funding. These are some examples:

- every Monday: river quality monitoring and *E. coli* collections in partnership with the Albuquerque Metropolitan Arroyo Flood Control Authority (AMAFCA) mid-Rio Grande Stormwater Quality team and Middle Rio Grande Conservancy District (MRGCD)
- each winter: woody debris
- three times a year (around high river flow, after high flow and first week of November for base flow): groundwater, ditch and river chemistry
- seasonally, frequency determined by funding: ditch chemistry and *E. coli*

BOSQUE ECOSYSTEM MONITORING PROGRAM

Monitoring Schedule

Bosque Ecosystem Monitoring Program: **Monthly Monitoring**

Site Name:_____ Collection Date: _____

Data Collected by:_____

Comments:

Groundwater Monitoring		
Well	Depth from top of well to water table	Comments
North		
East		
Center		
South		
West		
Nearby Ditch		

Precipitation Monitoring				
Gauge	Net amount of precipitation (less oil)		Amount of oil added	Comments
Canopy	(mm)	(inches)		
Open	(mm)	(inches)		

Litterfall Collection		
Tub	Collected?	Comments (note if tubs were moved, turned over, etc.)
A		
B		
C		
D		
E		
F		
G		
H		
I		
J		

White copy (original) to be turned in to: Kim Eichhorst, UNM, Department of Biology, Albuquerque, NM 87131
Yellow copy to be turned in to Site Representative
Pink copy to be retained in collector's files

Data entry: file:_____ entry by: _____ date:_____