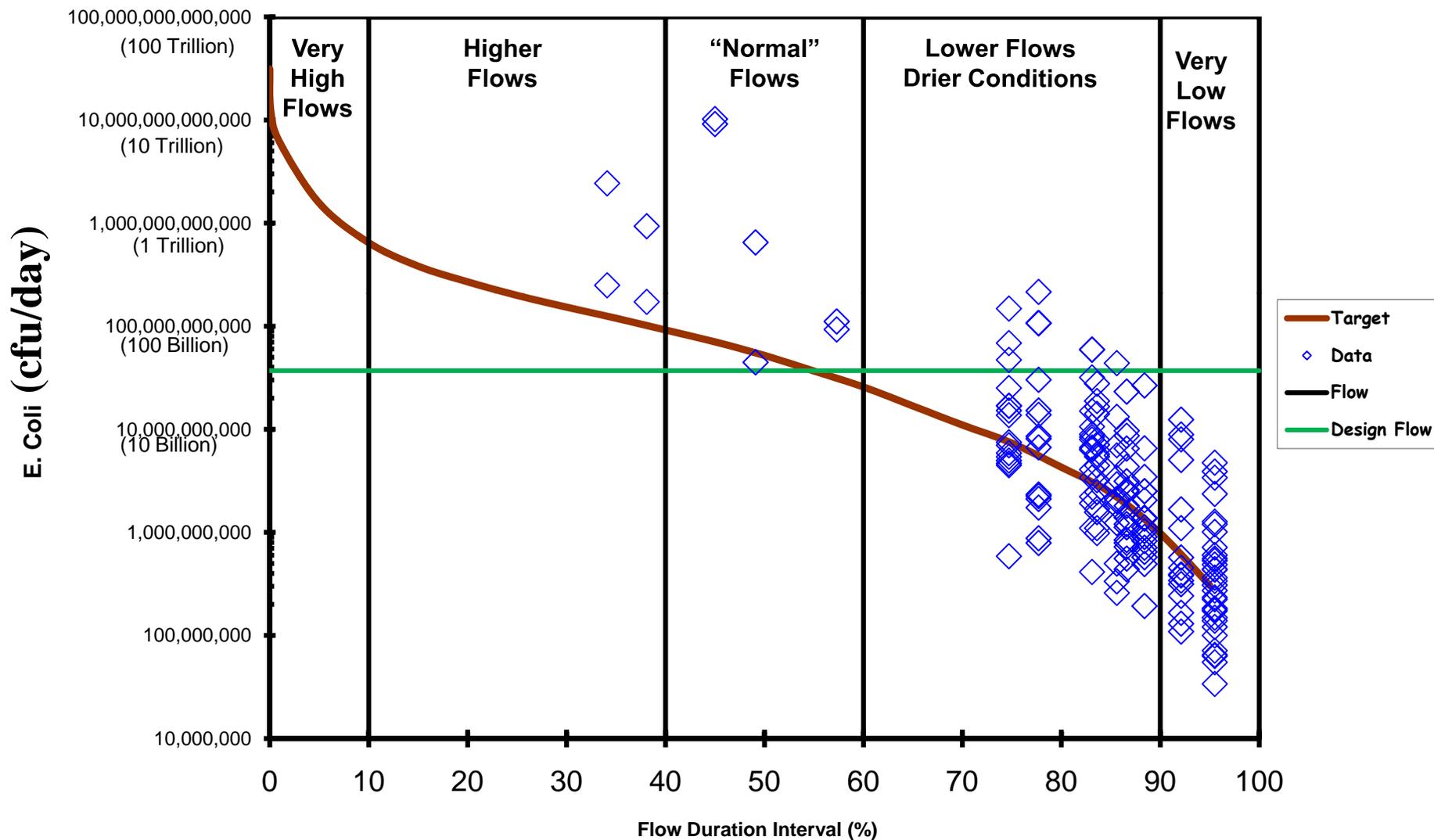


**Attachment C**

**Load Duration Curves for the Highland-Pigeon Creek  
Watershed TMDL**

<<left intentionally blank for double-sided printing>>

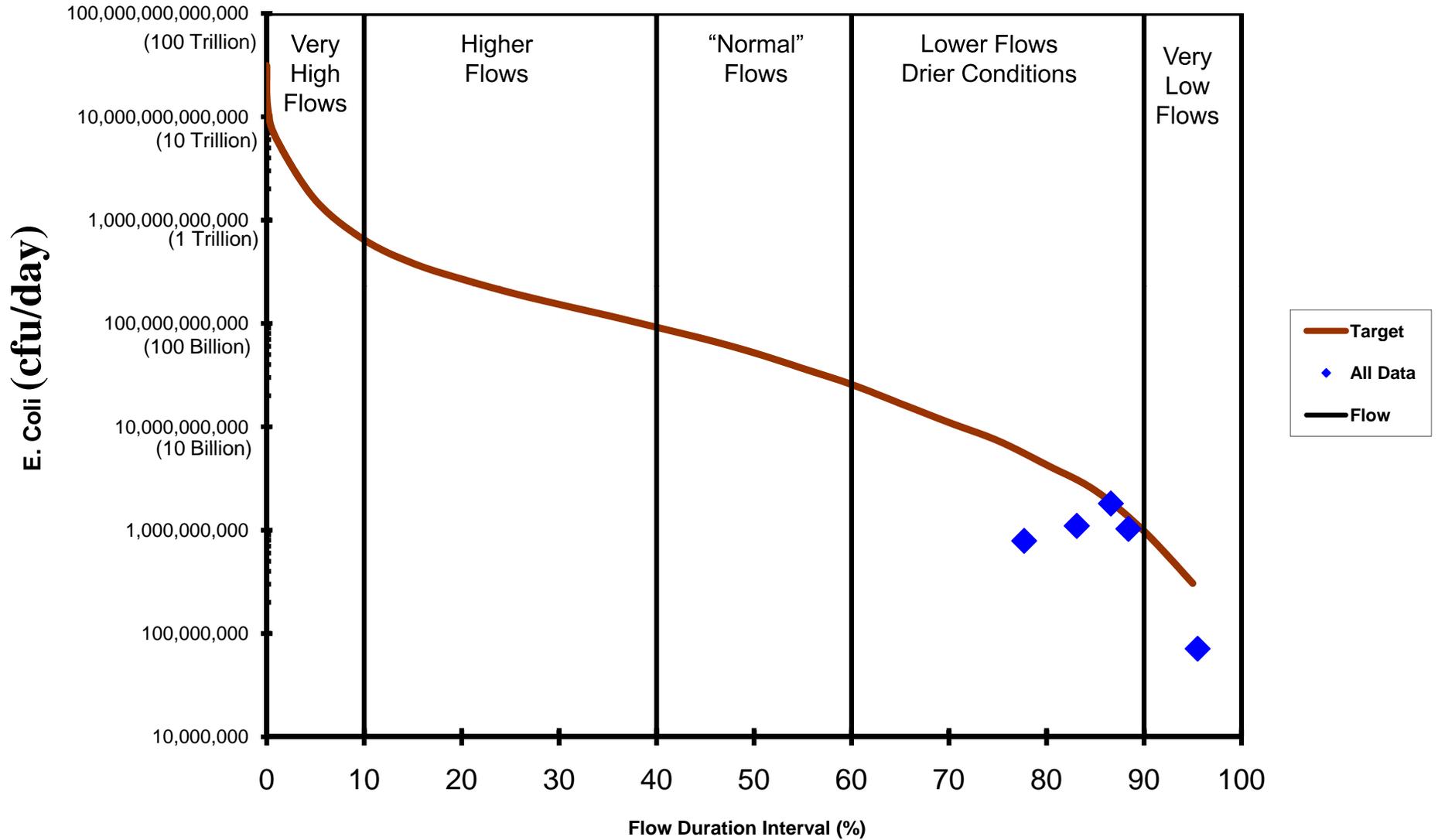
# Highland Pigeon *E. coli* Load Duration Curve (all sites)



IDEM Water Quality Data & USGS Gage 03378550 Stream Flow Data  
Watershed Drainage Area is 526.14 square miles

# Eagle Creek At S. Kentucky Ave

## *E. coli* Load Duration Curve - Site: 1

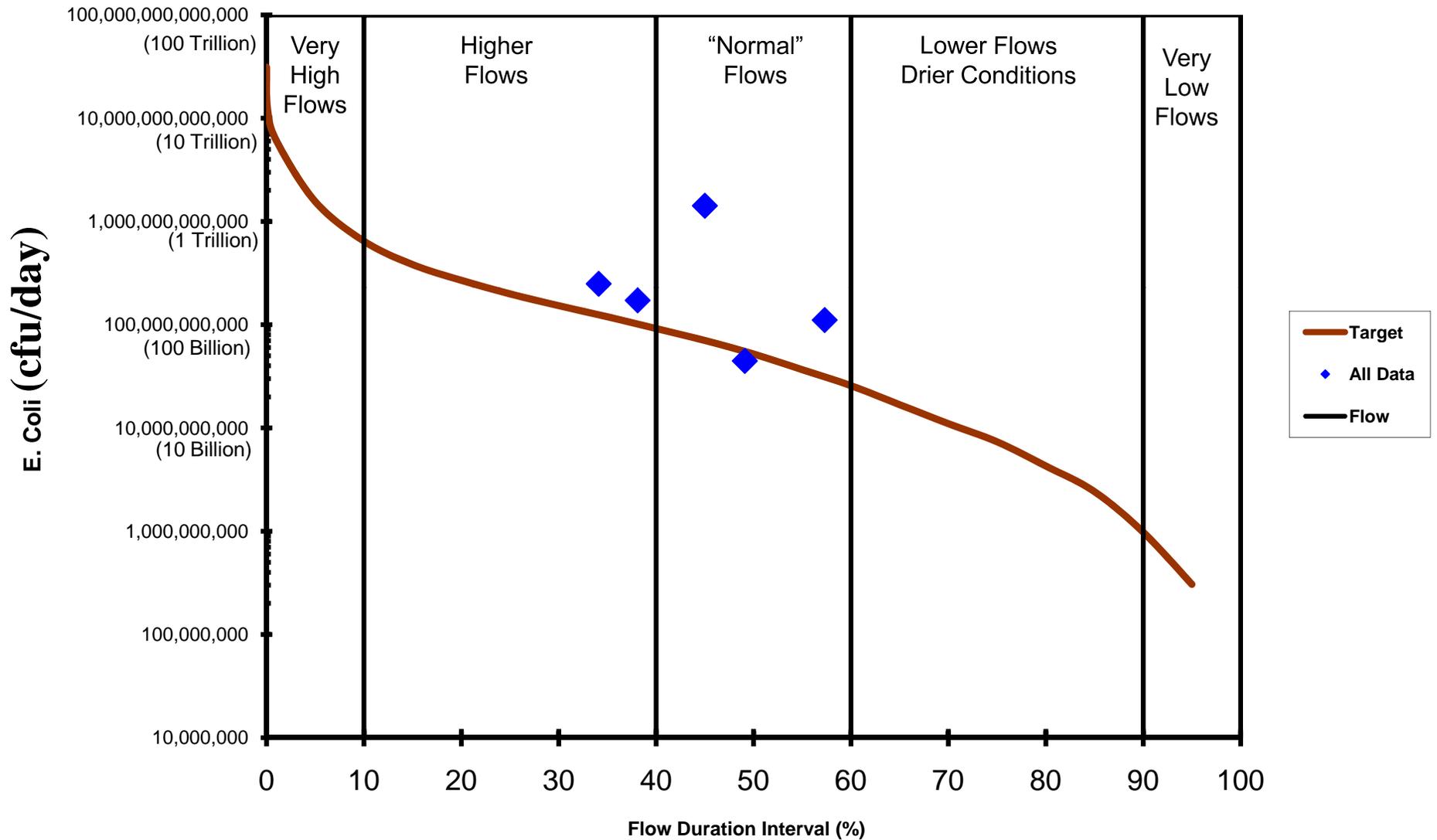


IDEM Water Quality Data & USGS Gage 03378550 Stream Flow Data  
Upstream Drainage Area is 0.0003 square miles

# Hurricane Creek

## North of CR 1025 S and East of US 41

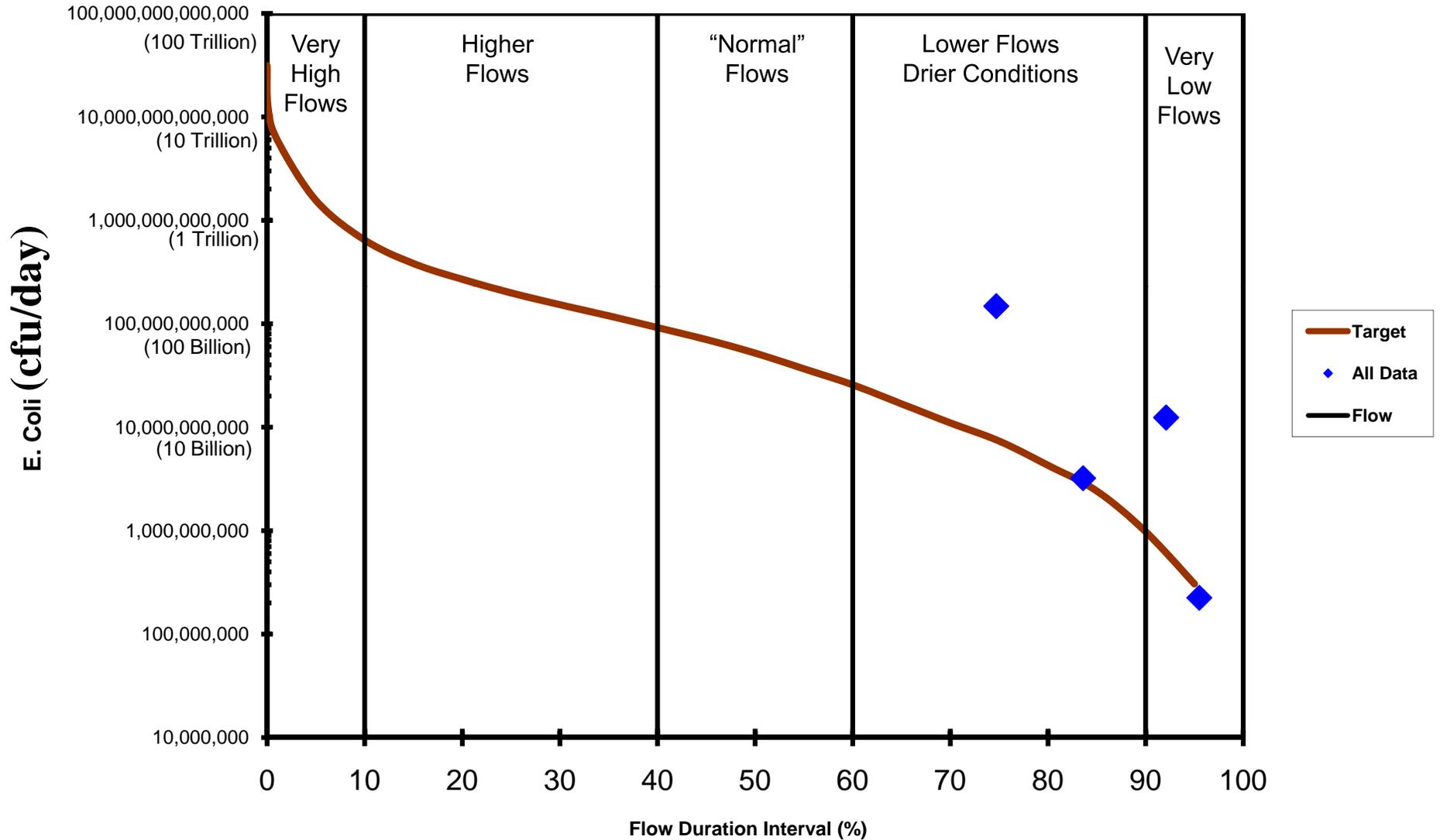
### *E. coli* Load Duration Curve - Site: 2



IDEM Water Quality Data & USGS Gage 03378550 Stream Flow Data  
 Upstream Drainage Area is 13.7 square miles

# Sand Creek At CR 450 S

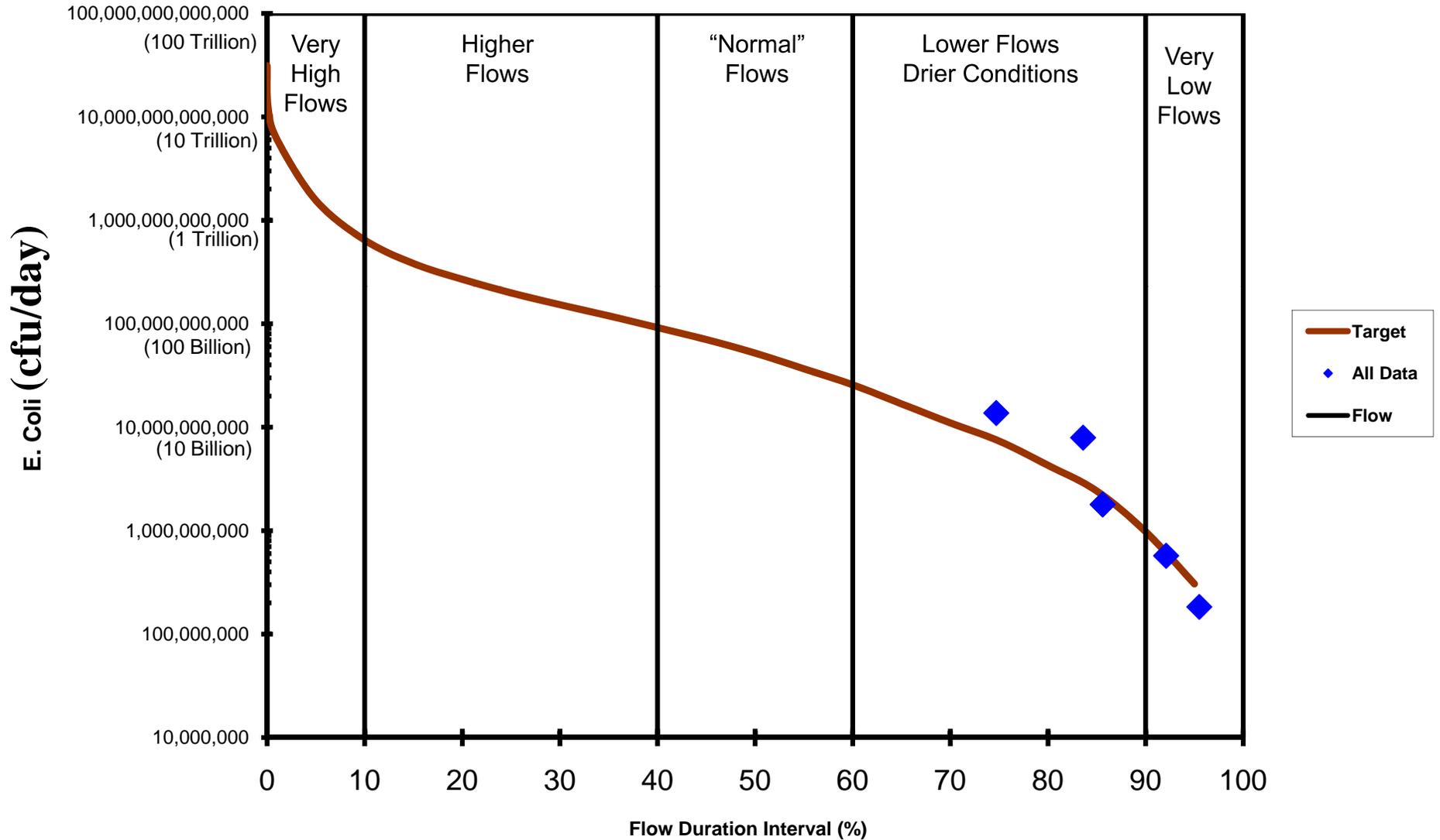
## *E. coli* Load Duration Curve - Site: 3



IDEM Water Quality Data & USGS Gage 03378550 Stream Flow Data  
Upstream Drainage Area is 13.9 square miles

# Pigeon Creek At CR 750 S

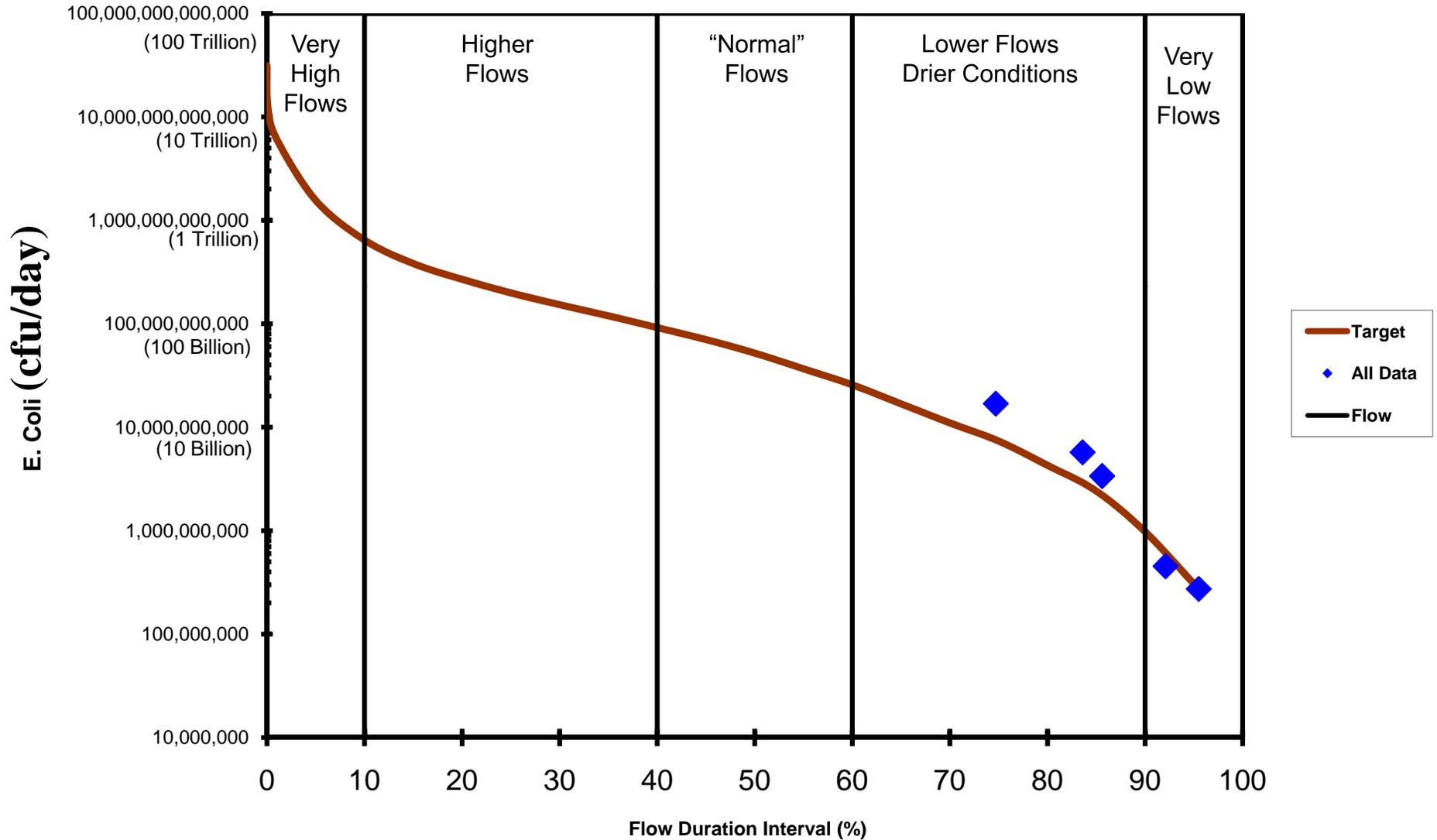
## *E. coli* Load Duration Curve - Site: 4



IDEM Water Quality Data & USGS Gage 03378550 Stream Flow Data  
Upstream Drainage Area is 30.3 square miles

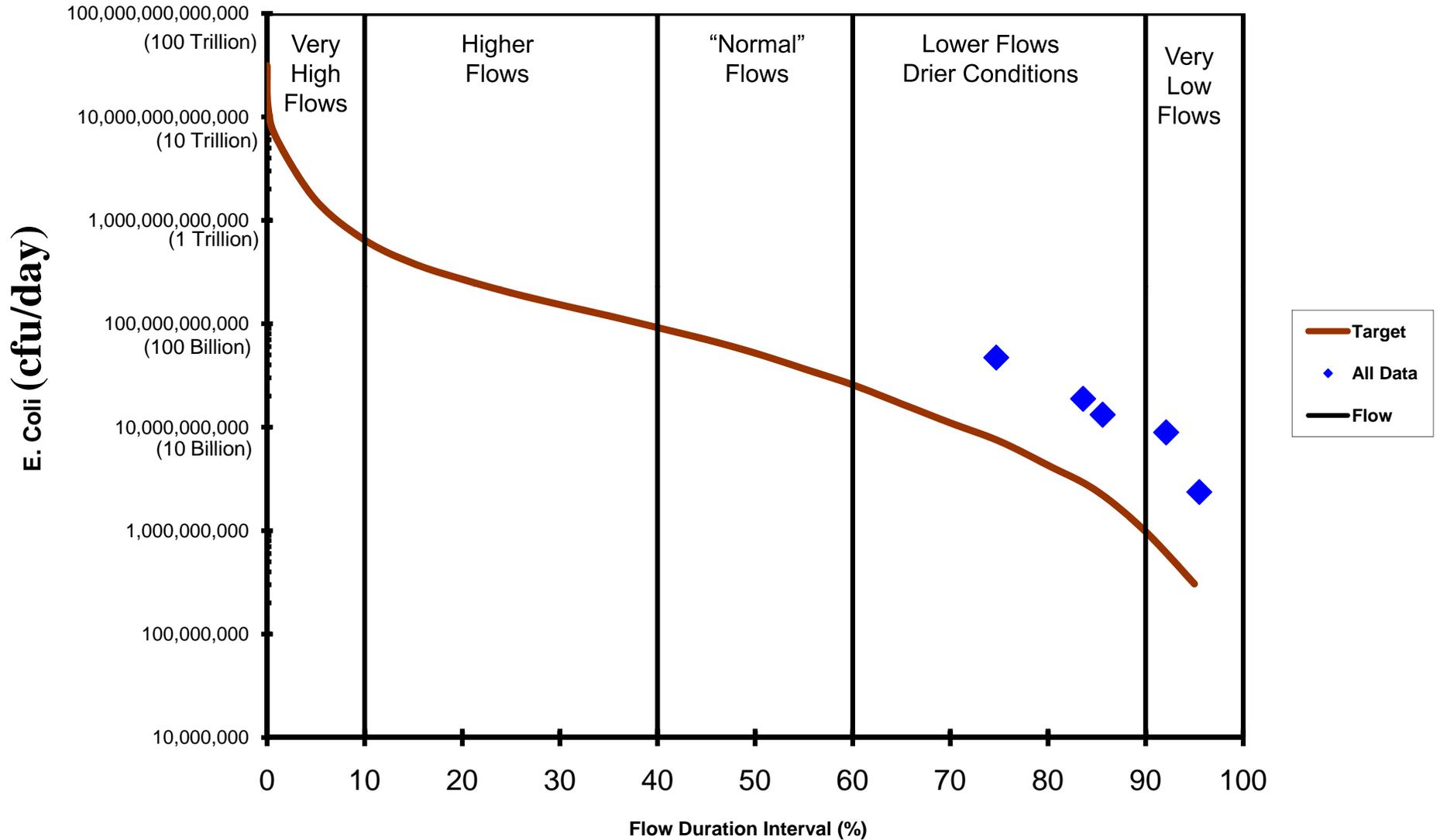
# West Fork Pigeon Creek At CR 200 E

## *E. coli* Load Duration Curve - Site: 5



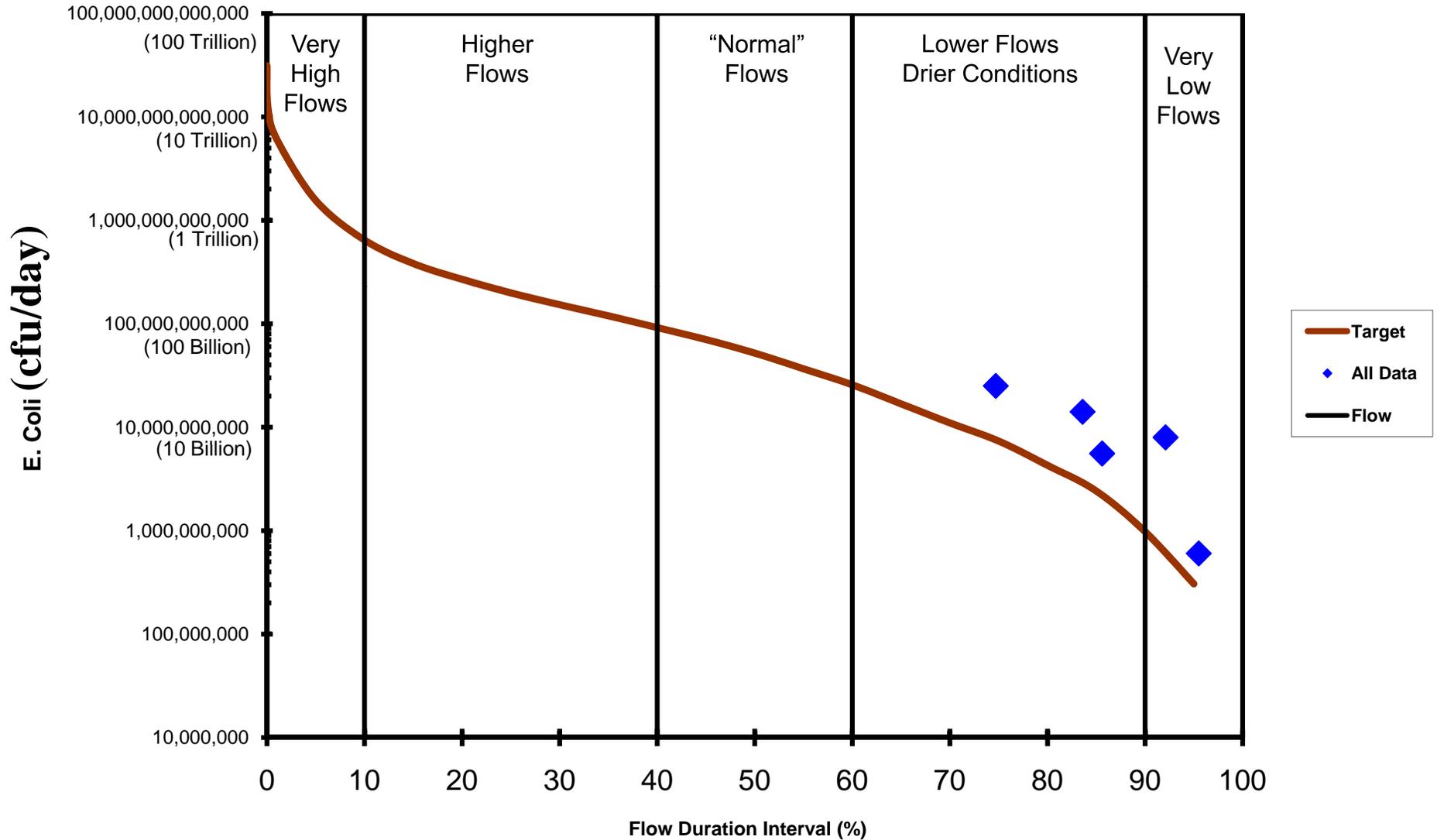
# Pigeon Creek At CR 300 E

## *E. coli* Load Duration Curve - Site: 6



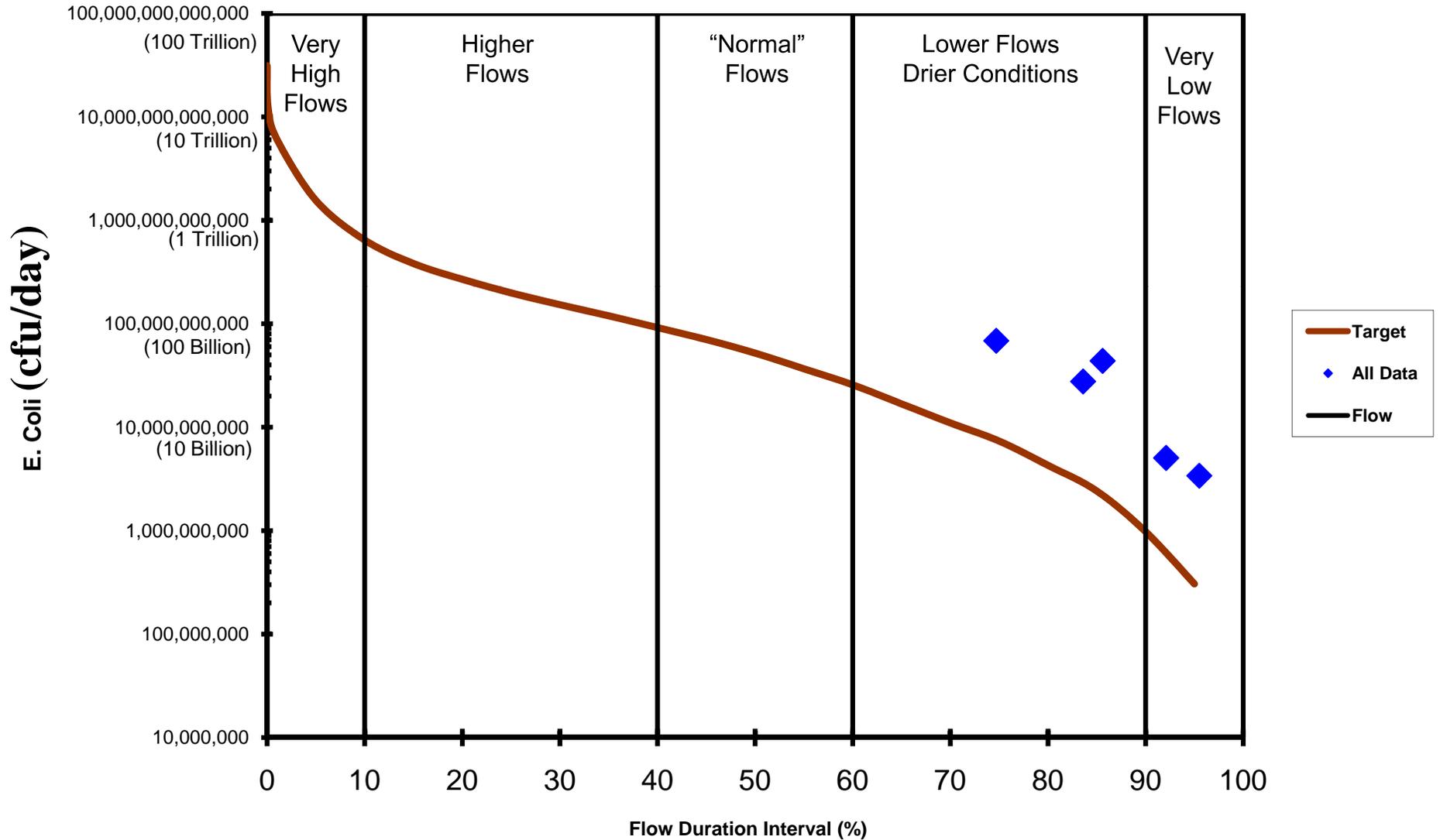
# West Fork Pigeon Creek At CR 25 W

## *E. coli* Load Duration Curve - Site: 7



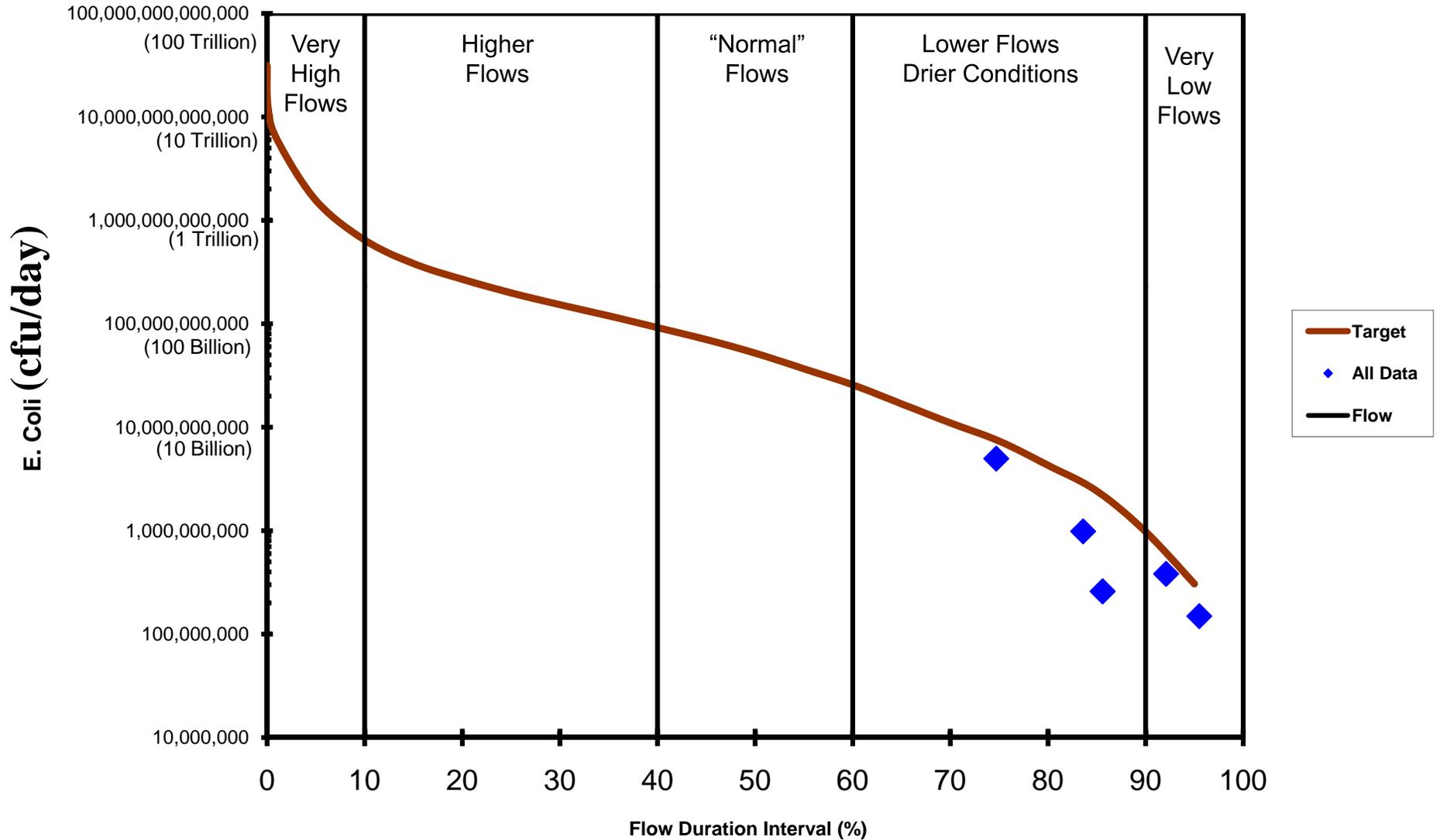
# Hurricane Creek At CR 925 S

## *E. coli* Load Duration Curve - Site: 8



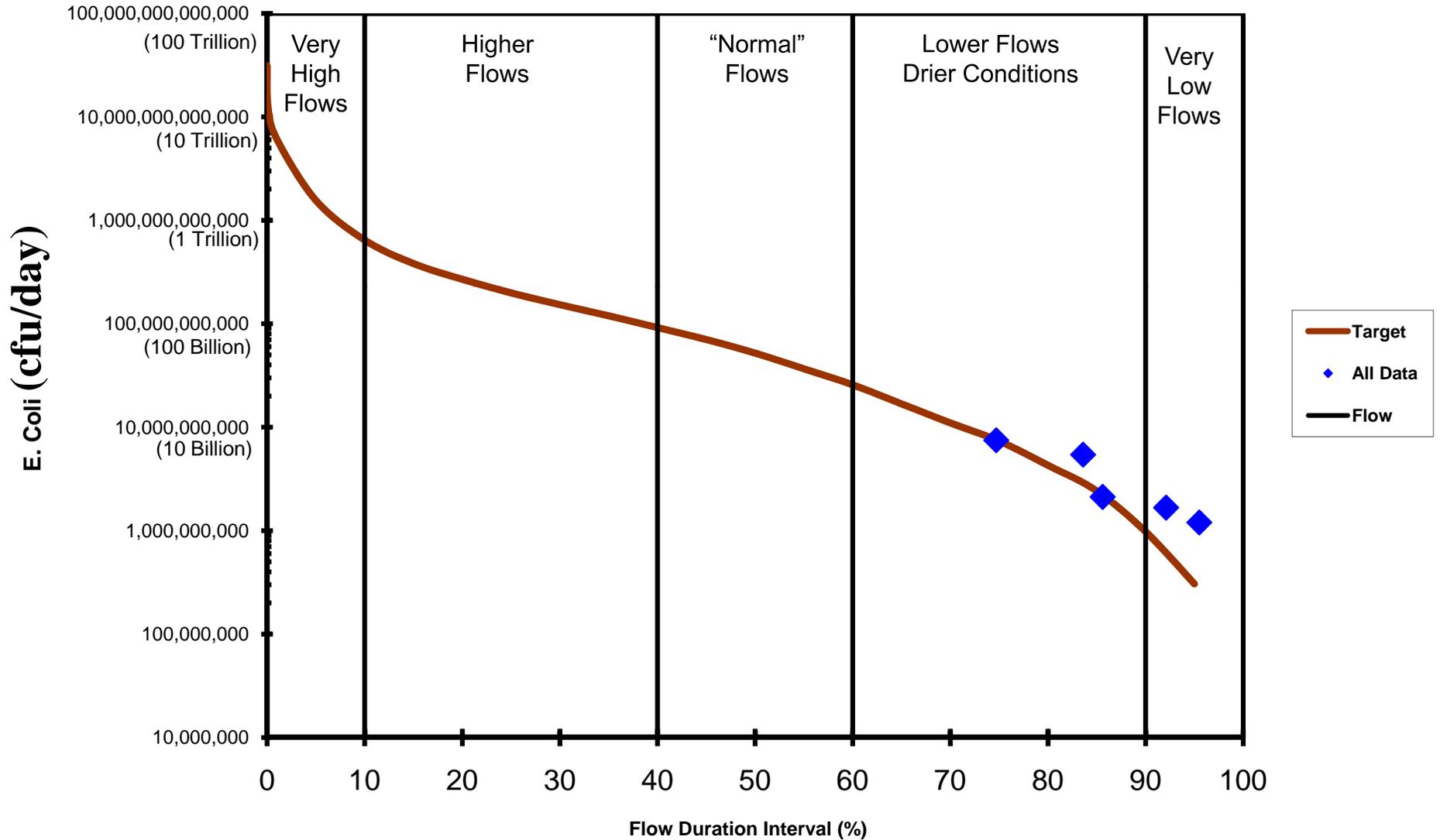
# Pigeon Creek At CR 550 E

## *E. coli* Load Duration Curve - Site: 9



# Smith Fork At SR 57

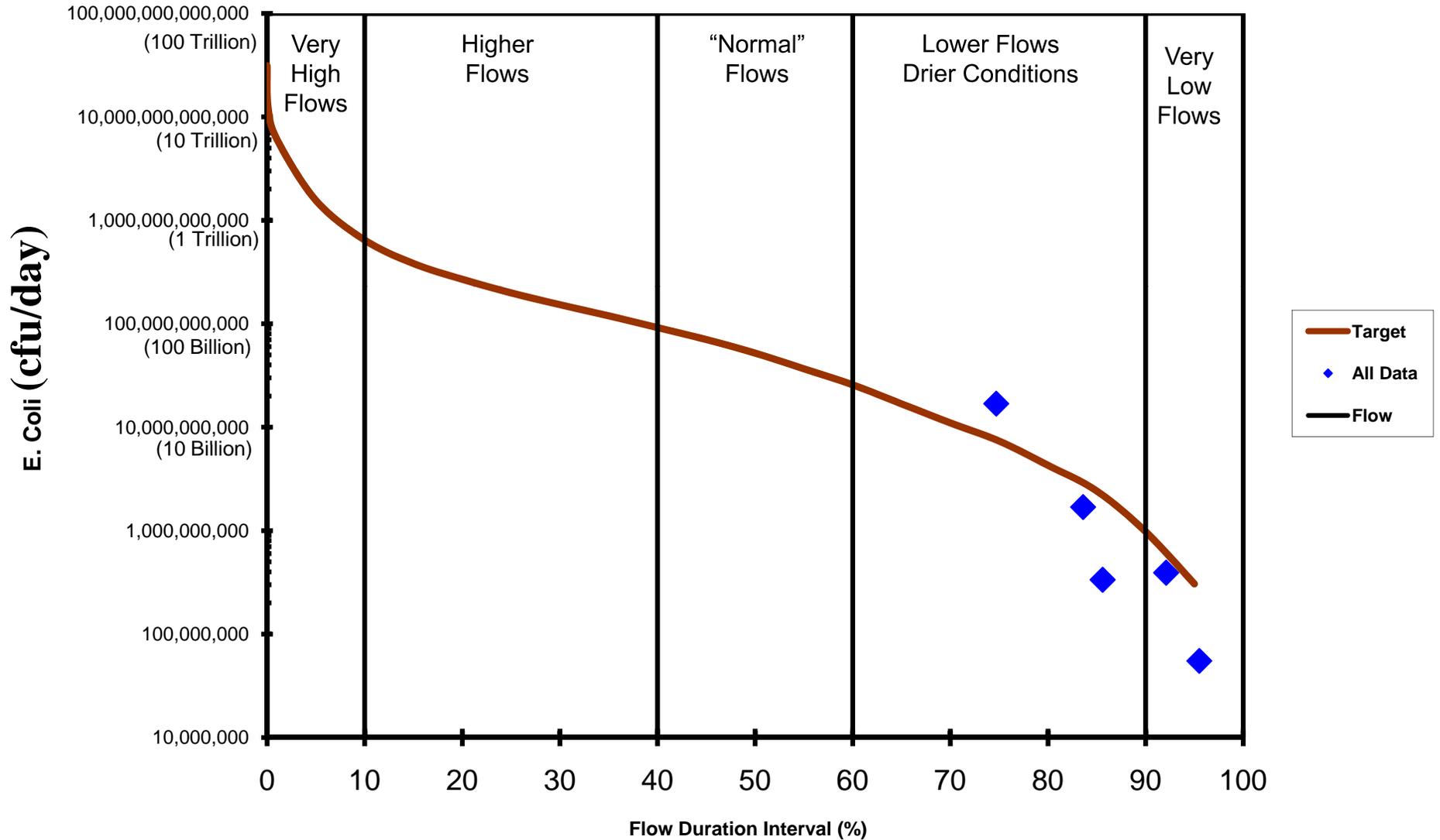
## *E. coli* Load Duration Curve - Site: 10



IDEM Water Quality Data & USGS Gage 03378550 Stream Flow Data  
Upstream Drainage Area is 17.6 square miles

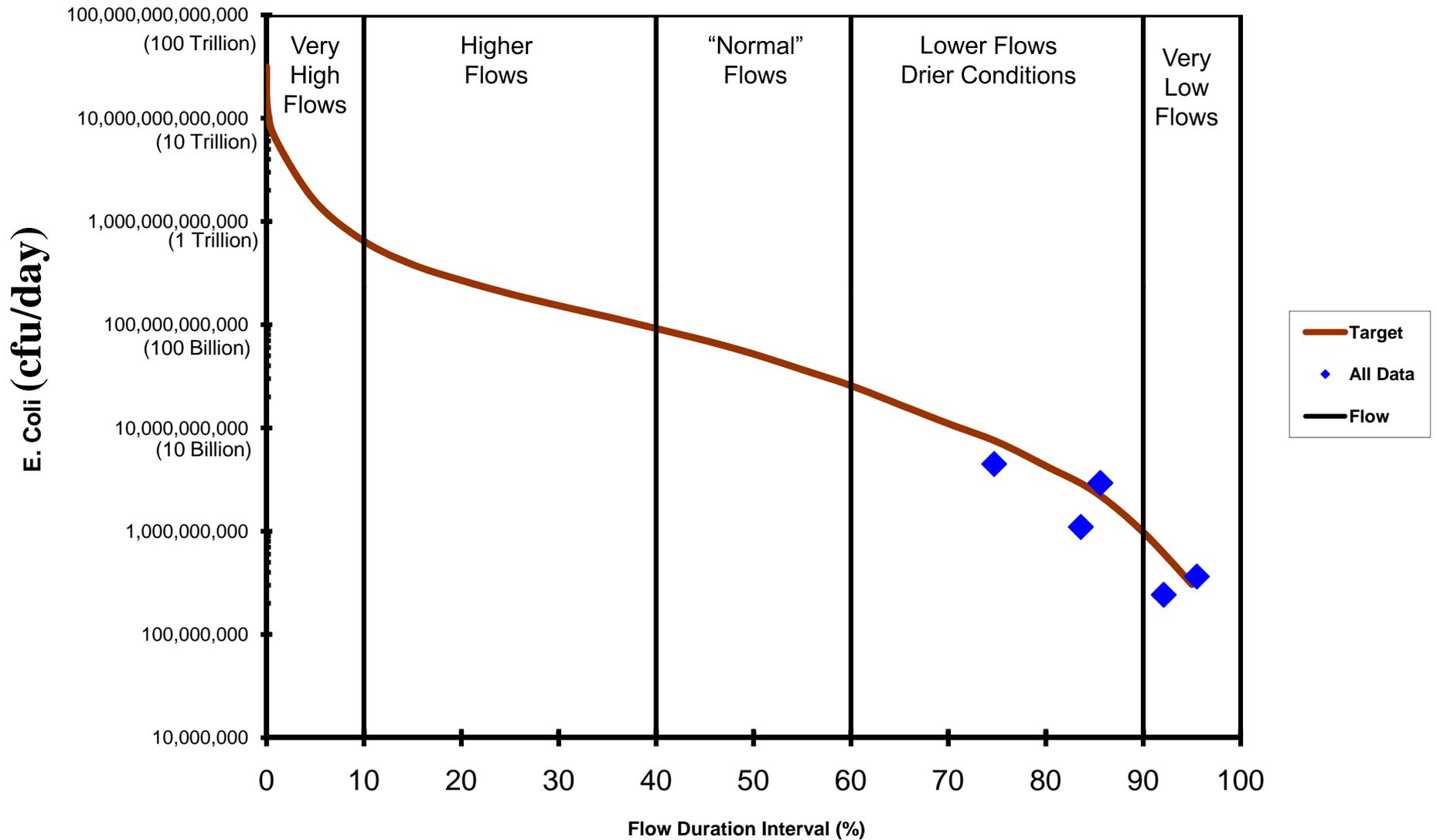
# Smith Fork At CR 950 E

## E. coli Load Duration Curve - Site: 11



# Pigeon Creek At New Harmony Rd

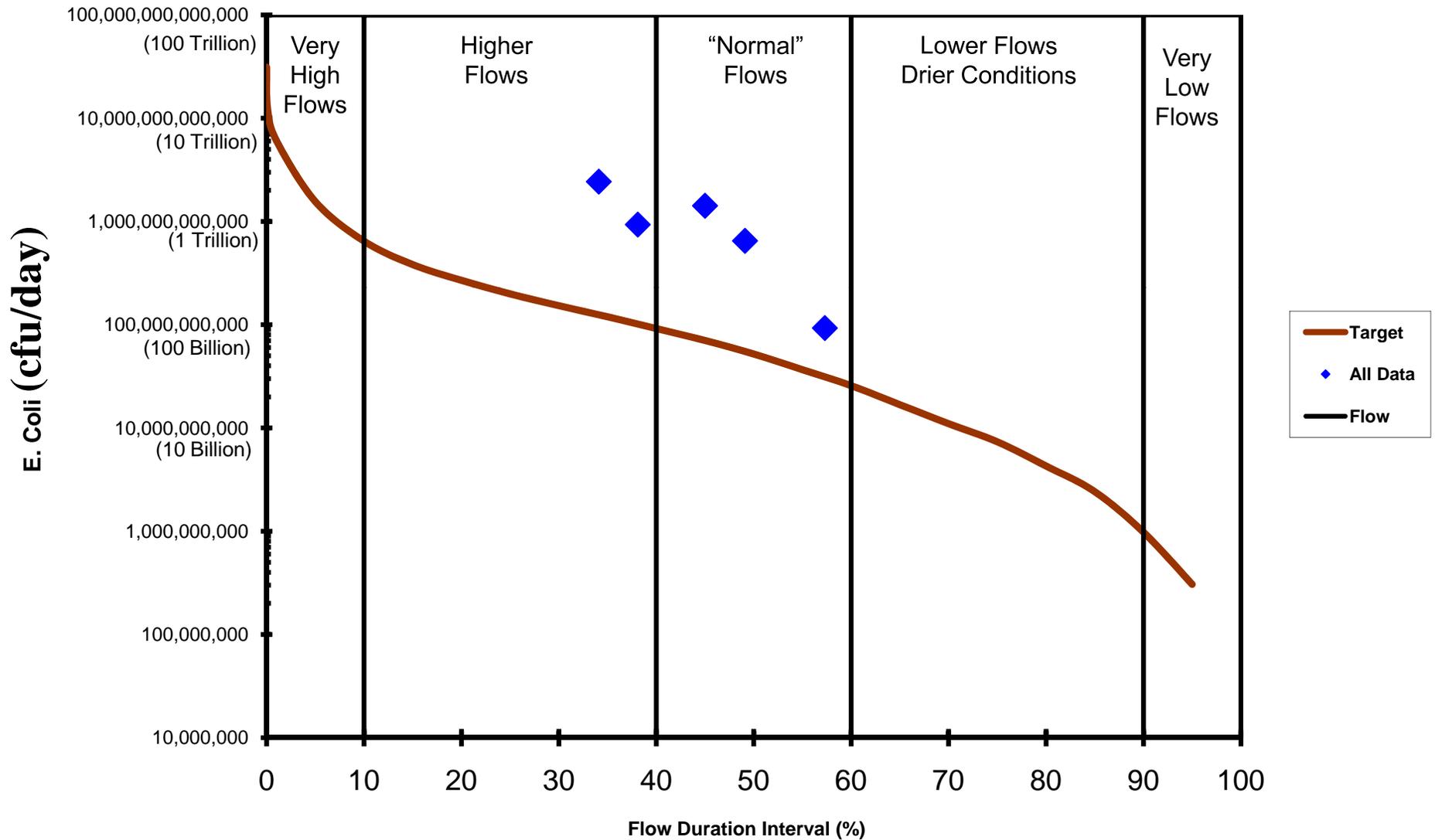
## E. coli Load Duration Curve - Site: 12



IDEM Water Quality Data & USGS Gage 03378550 Stream Flow Data  
Upstream Drainage Area is 63.8 square miles

# Unnamed Tributary to Big Creek NW of Lynnville at CR 950 S

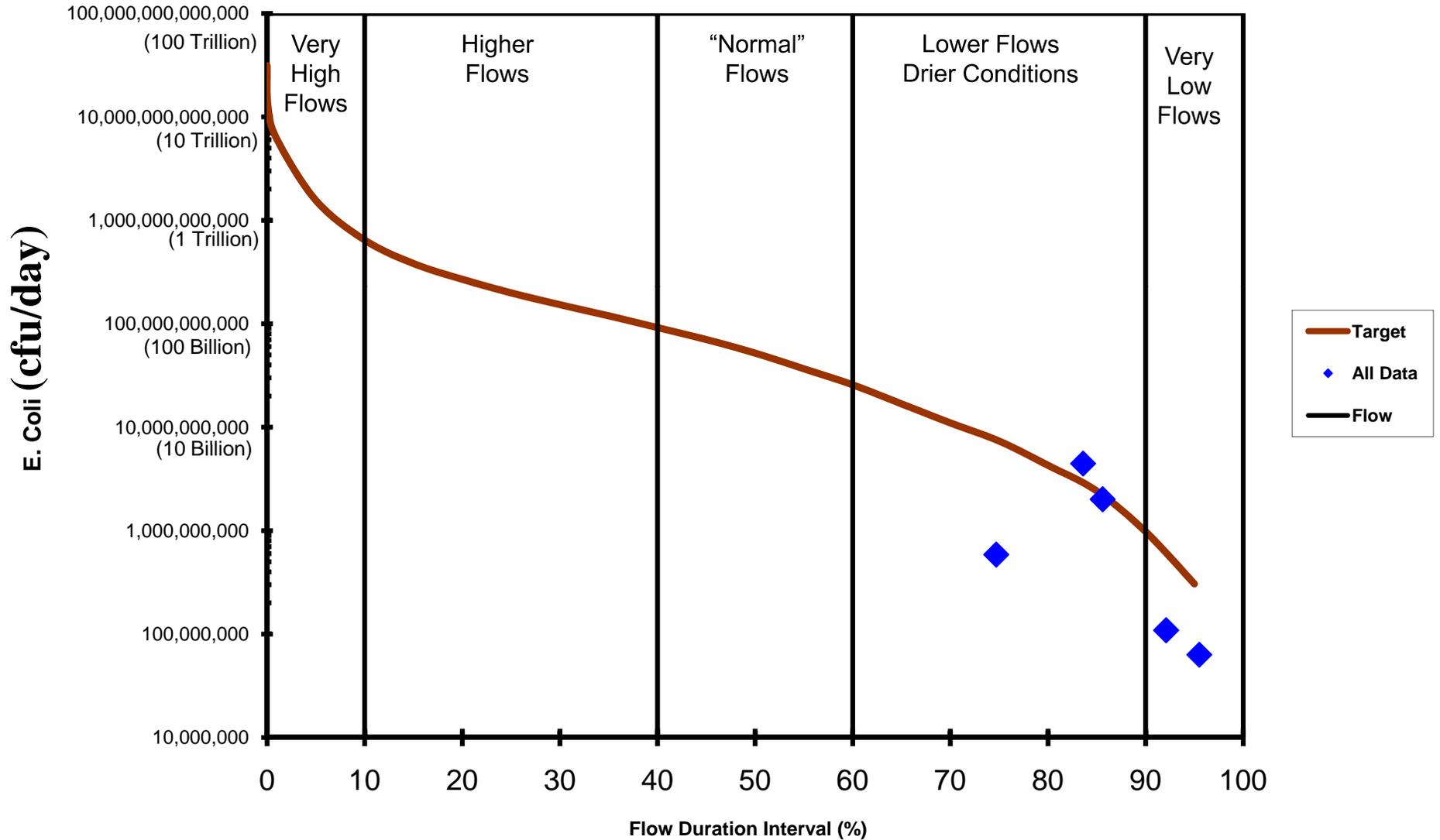
## *E. coli* Load Duration Curve - Site: 13



IDEM Water Quality Data & USGS Gage 03378550 Stream Flow Data  
Upstream Drainage Area is 12.0 square miles

# Big Creek At Strip Mine Rd

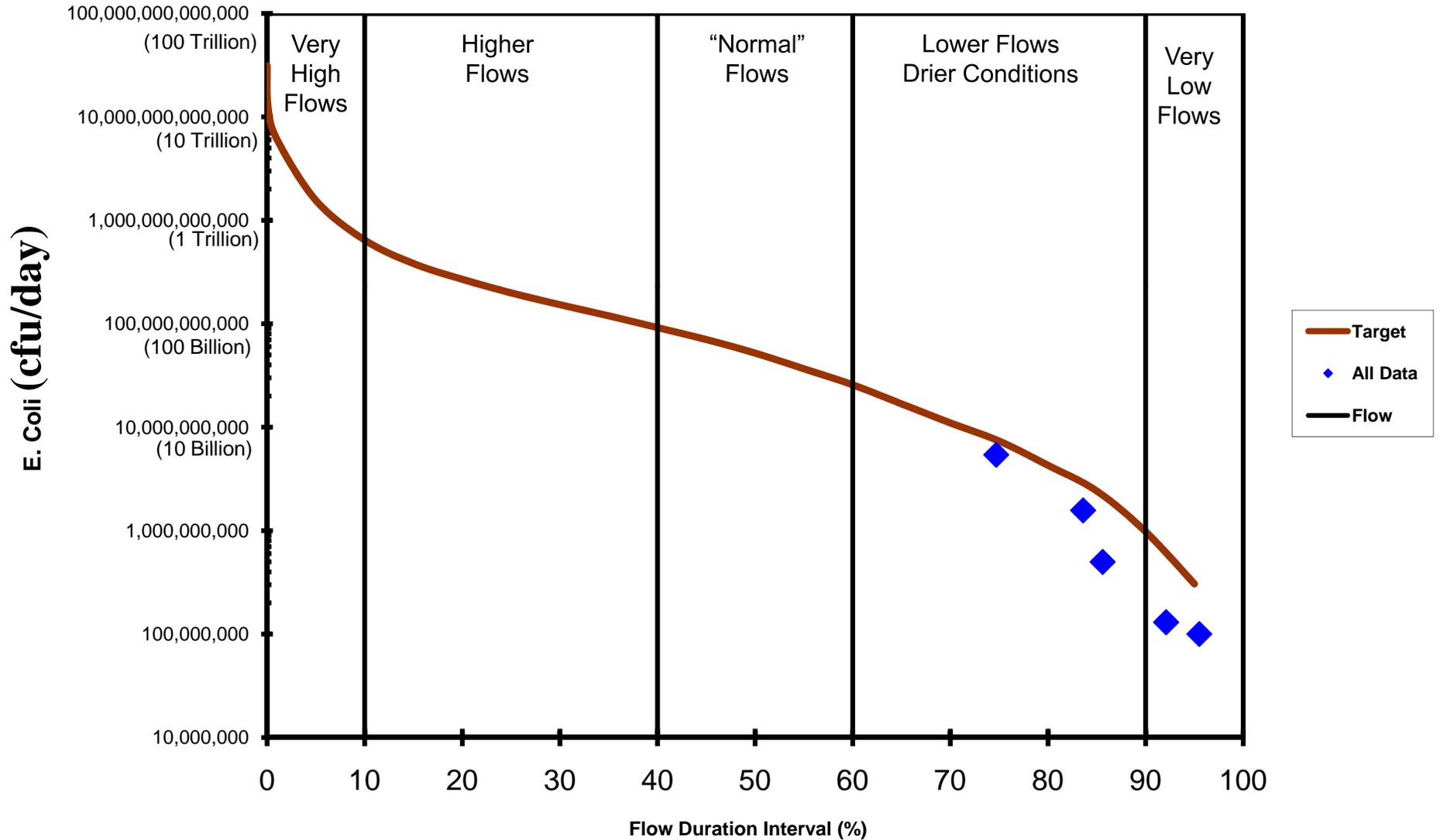
## *E. coli* Load Duration Curve - Site: 14



# Big Creek

## At Buckskin Rd/CR850 W

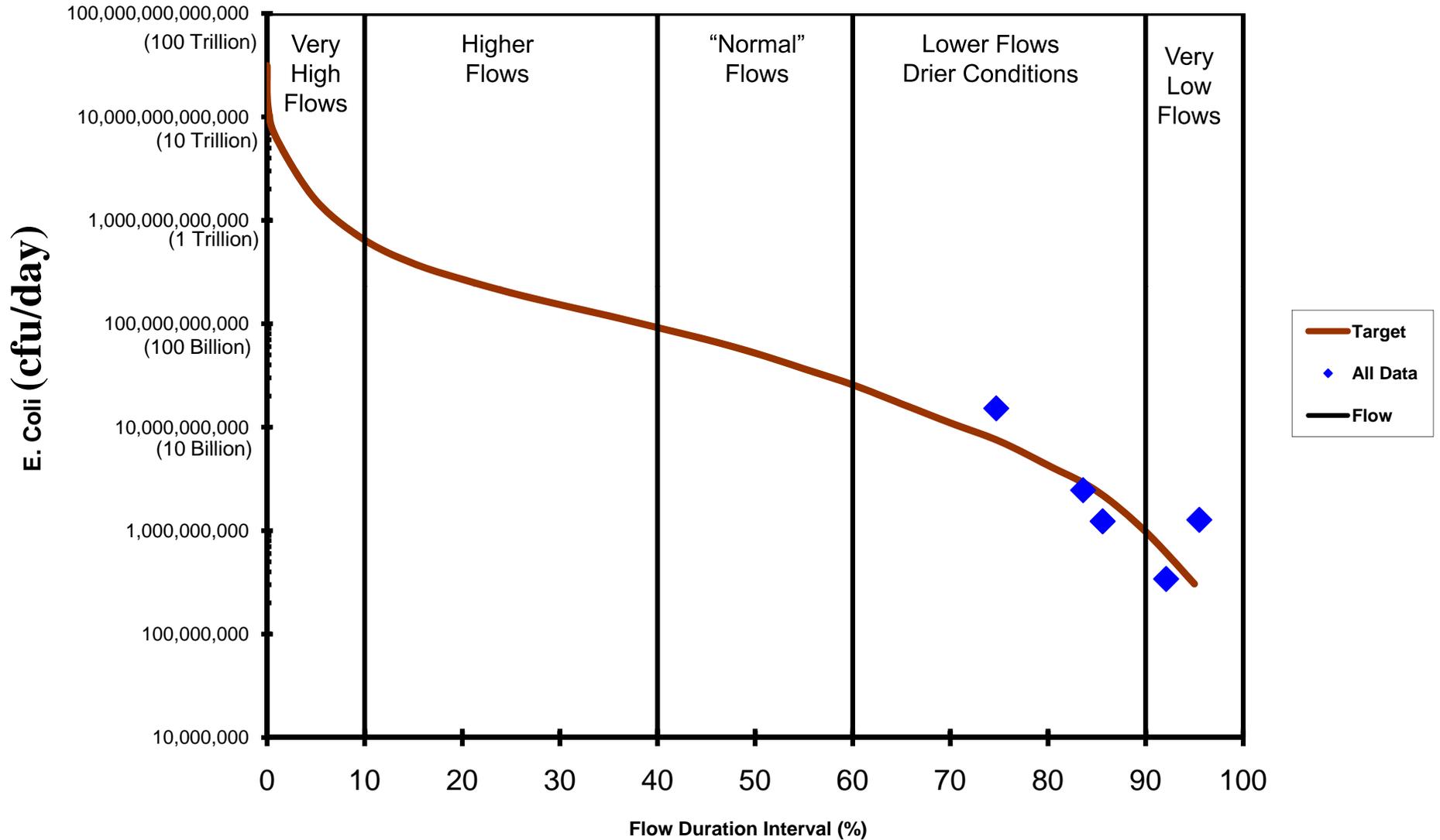
### E. coli Load Duration Curve - Site: 15



IDEM Water Quality Data & USGS Gage 03378550 Stream Flow Data  
 Upstream Drainage Area is 39.83 square miles

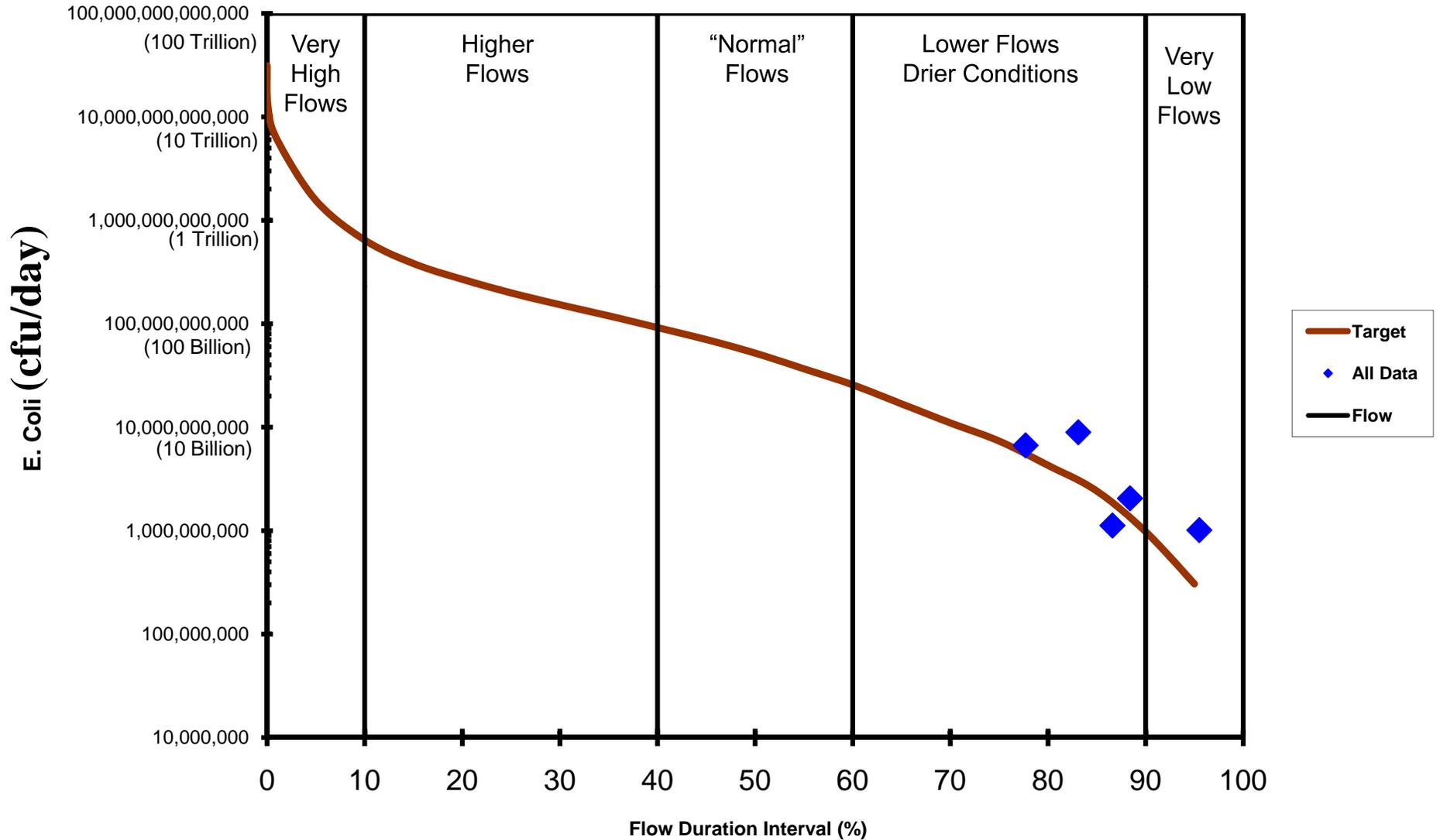
# Pigeon Creek At Stanley Rd

## *E. coli* Load Duration Curve - Site: 16



# Squaw Creek At Interrieden Rd

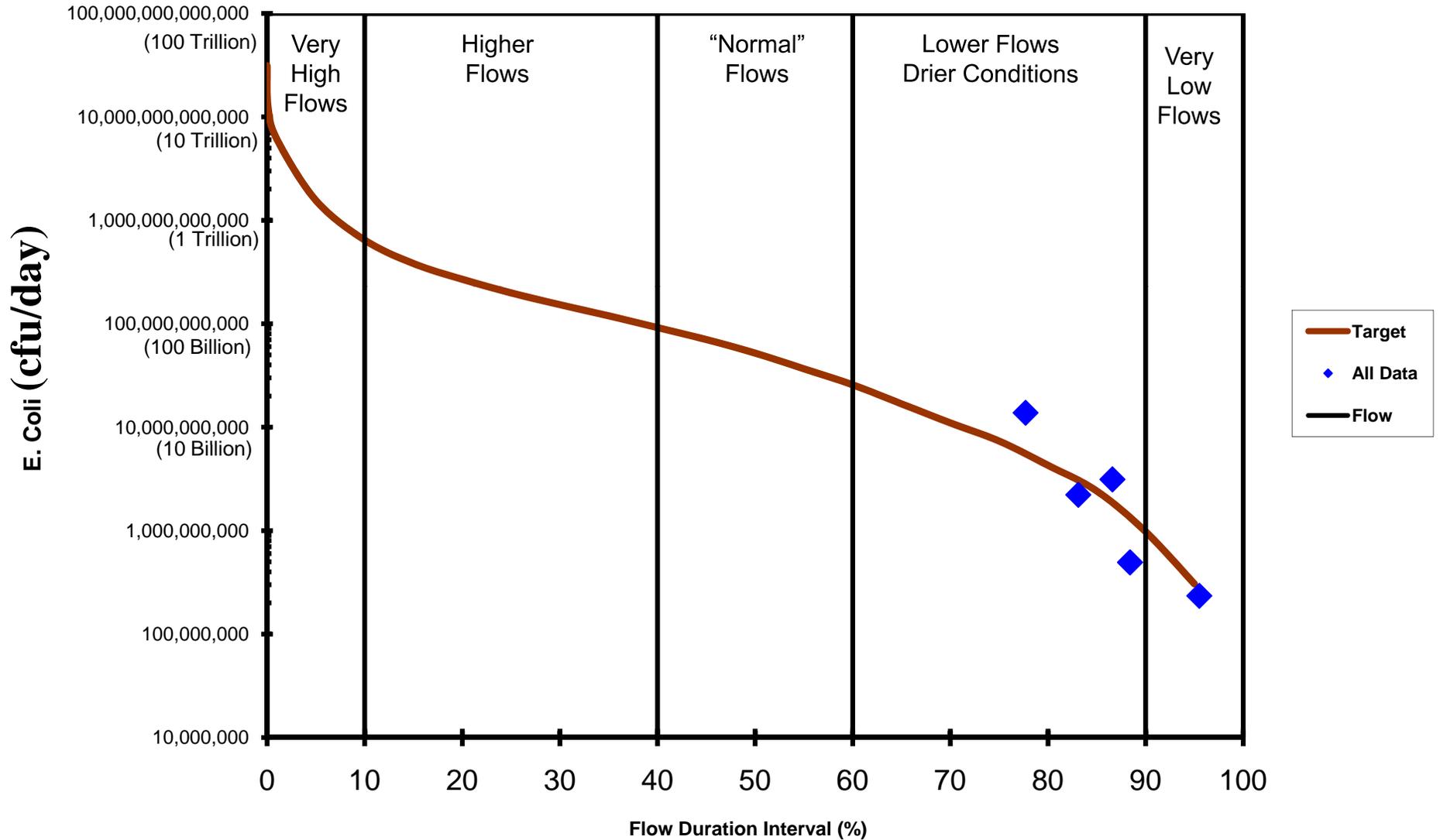
## *E. coli* Load Duration Curve - Site: 17



IDEM Water Quality Data & USGS Gage 03378550 Stream Flow Data  
Upstream Drainage Area is 11.13 square miles

# Pigeon Creek At Heim Rd

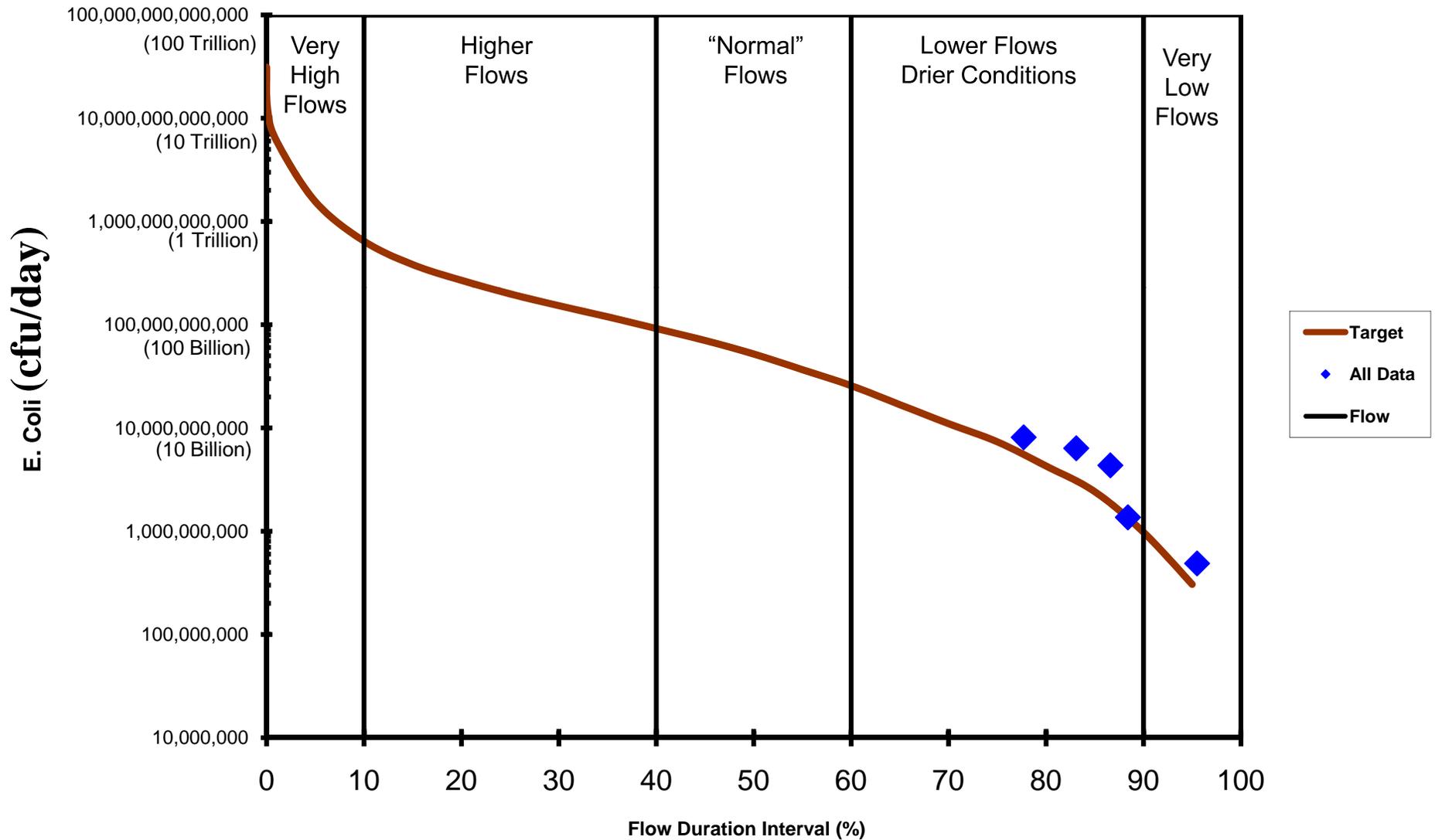
## *E. coli* Load Duration Curve - Site: 18



# Pigeon Creek

## At N. Stevenson Station Rd

### *E. coli* Load Duration Curve - Site: 19

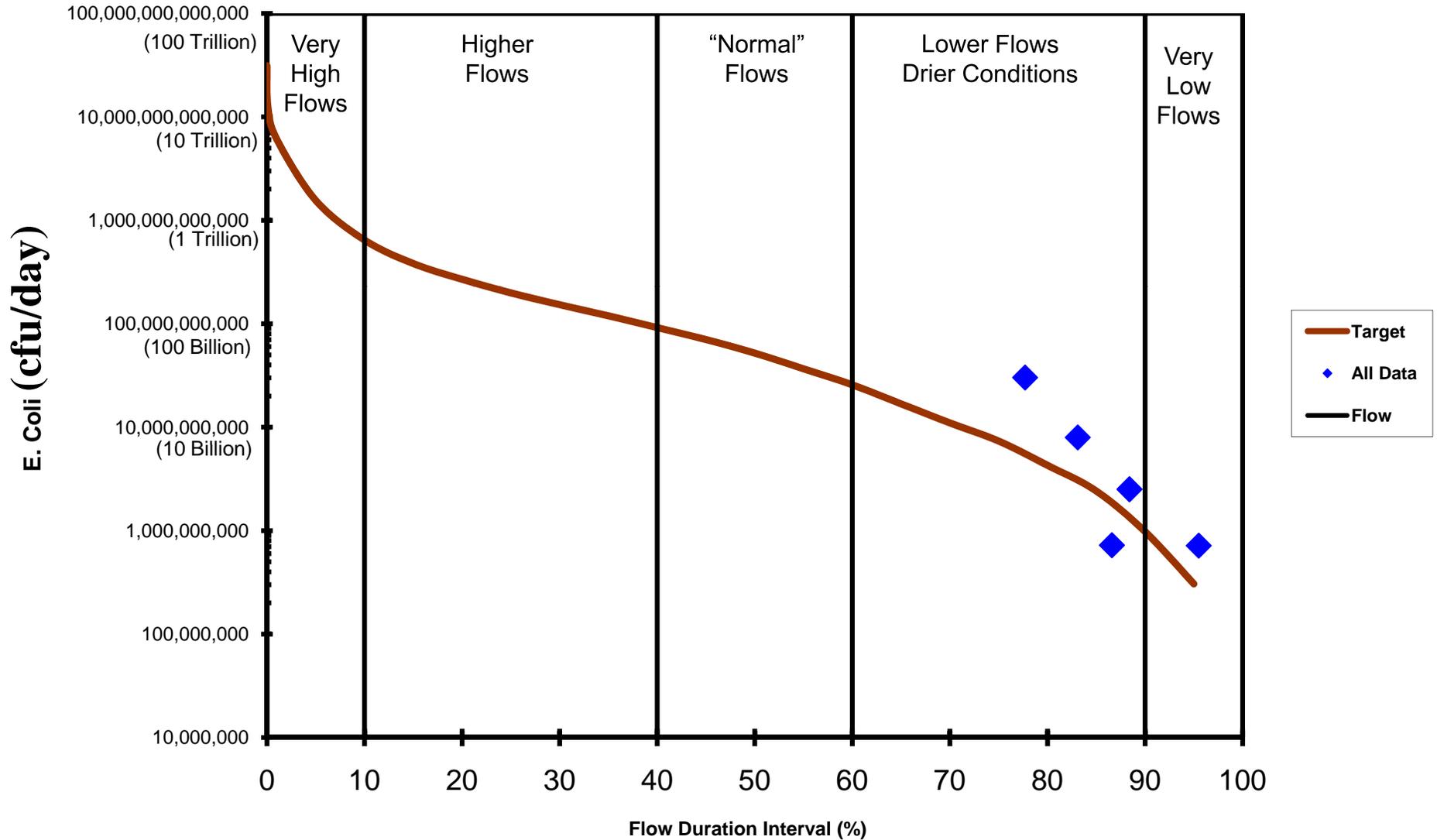


IDEM Water Quality Data & USGS Gage 03378550 Stream Flow Data  
 Upstream Drainage Area is 107.9 square miles

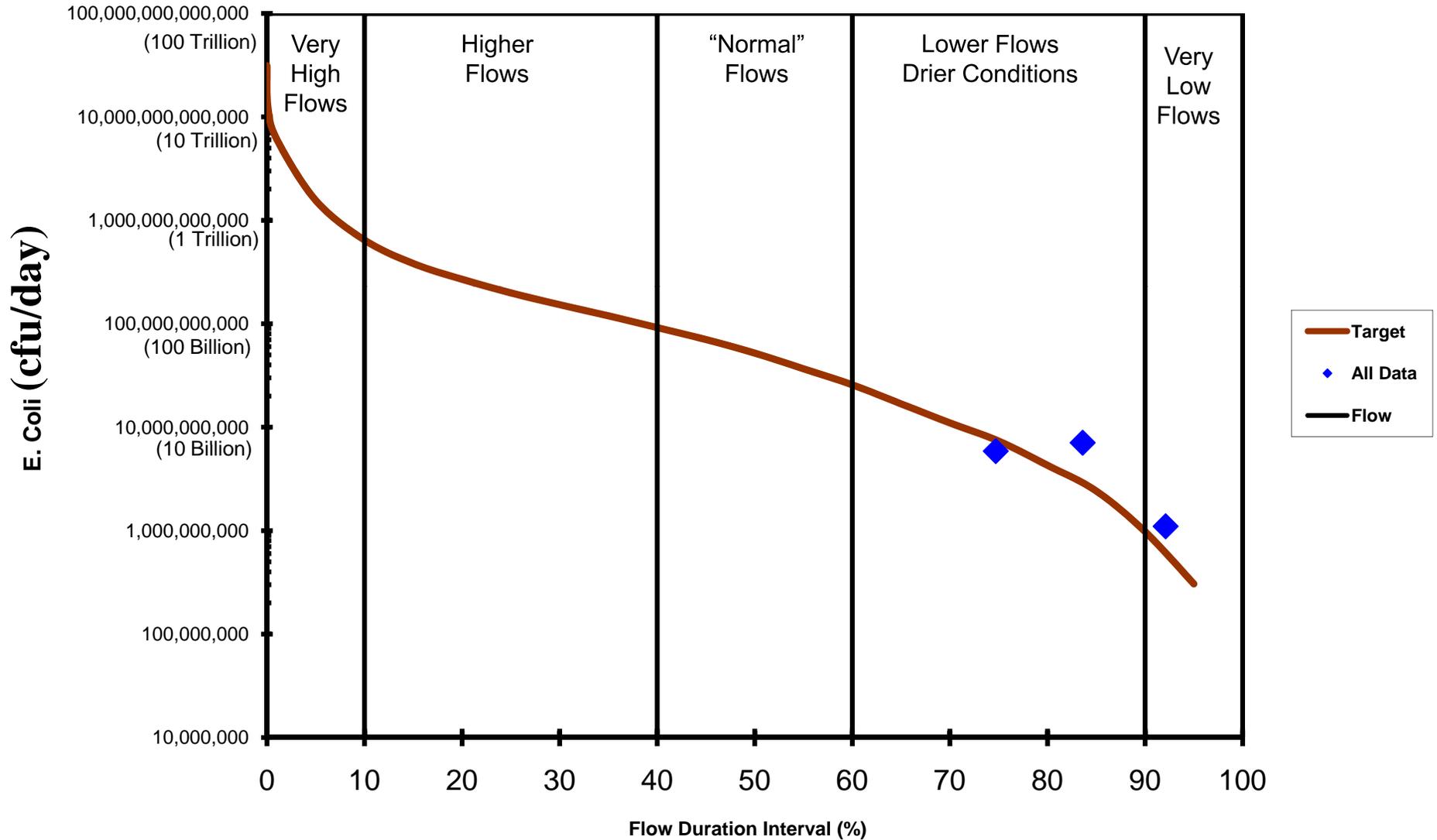


# Pigeon Creek At Cardinal Dr

## *E. coli* Load Duration Curve - Site: 21



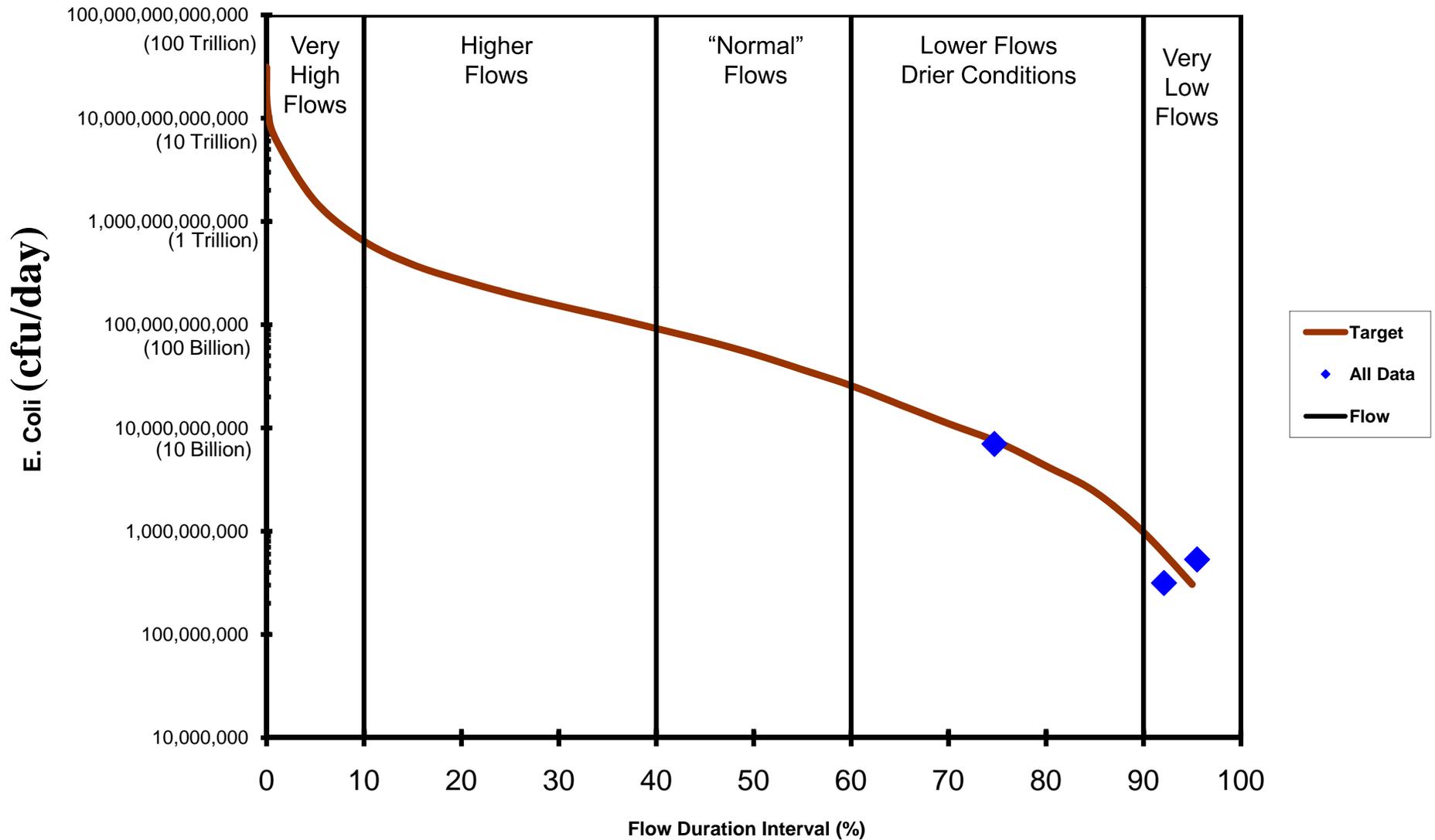
# Tributary to Bluegrass Creek At Warrick County Line Rd *E. coli* Load Duration Curve - Site: 22



# Schlensker Ditch

## At Boonville New Harmony Rd

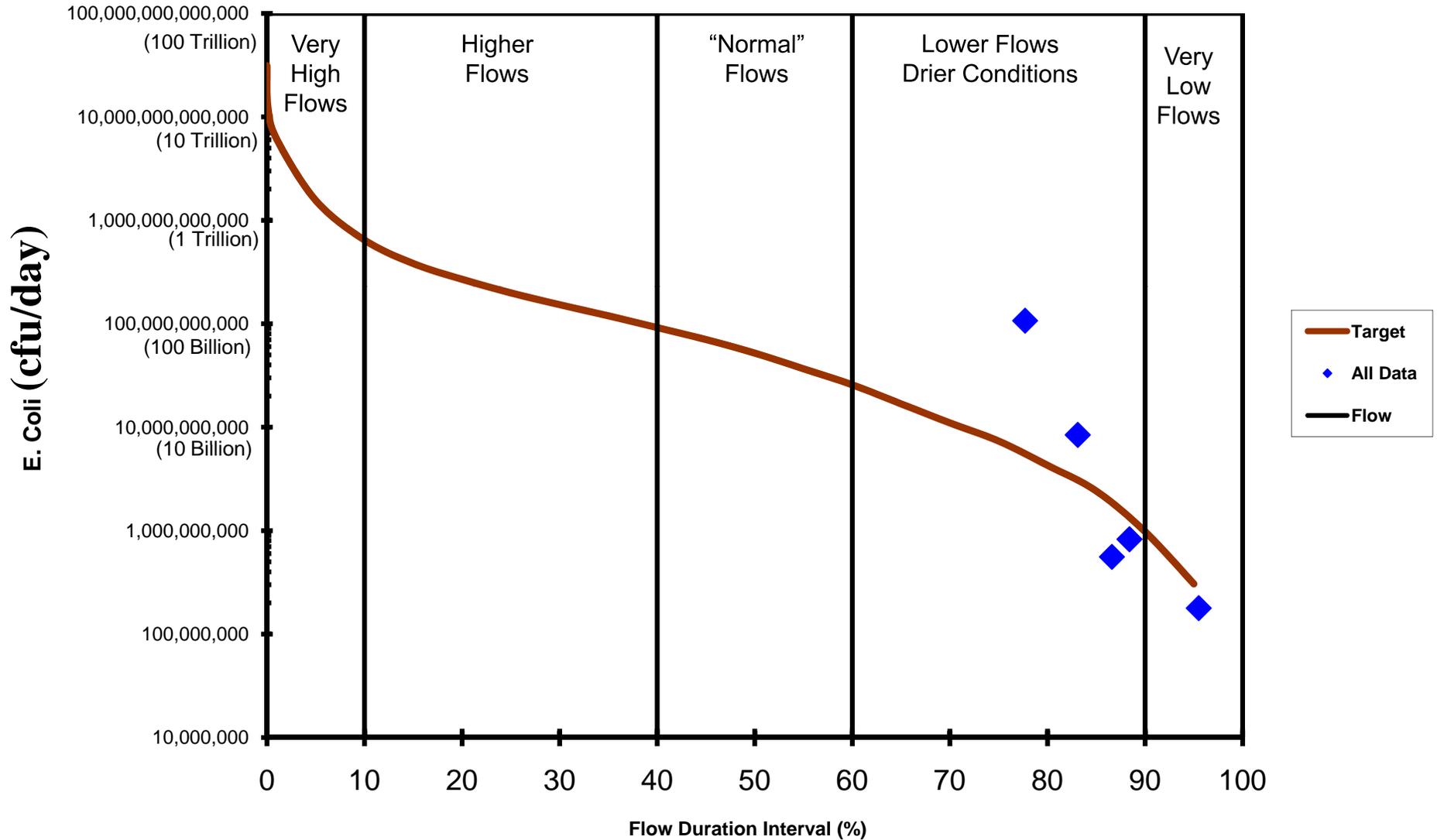
### *E. coli* Load Duration Curve - Site: 23



IDEM Water Quality Data & USGS Gage 03378550 Stream Flow Data  
 Upstream Drainage Area is 5.74 square miles

# Locust Creek At Allen Ln

## *E. coli* Load Duration Curve - Site: 24

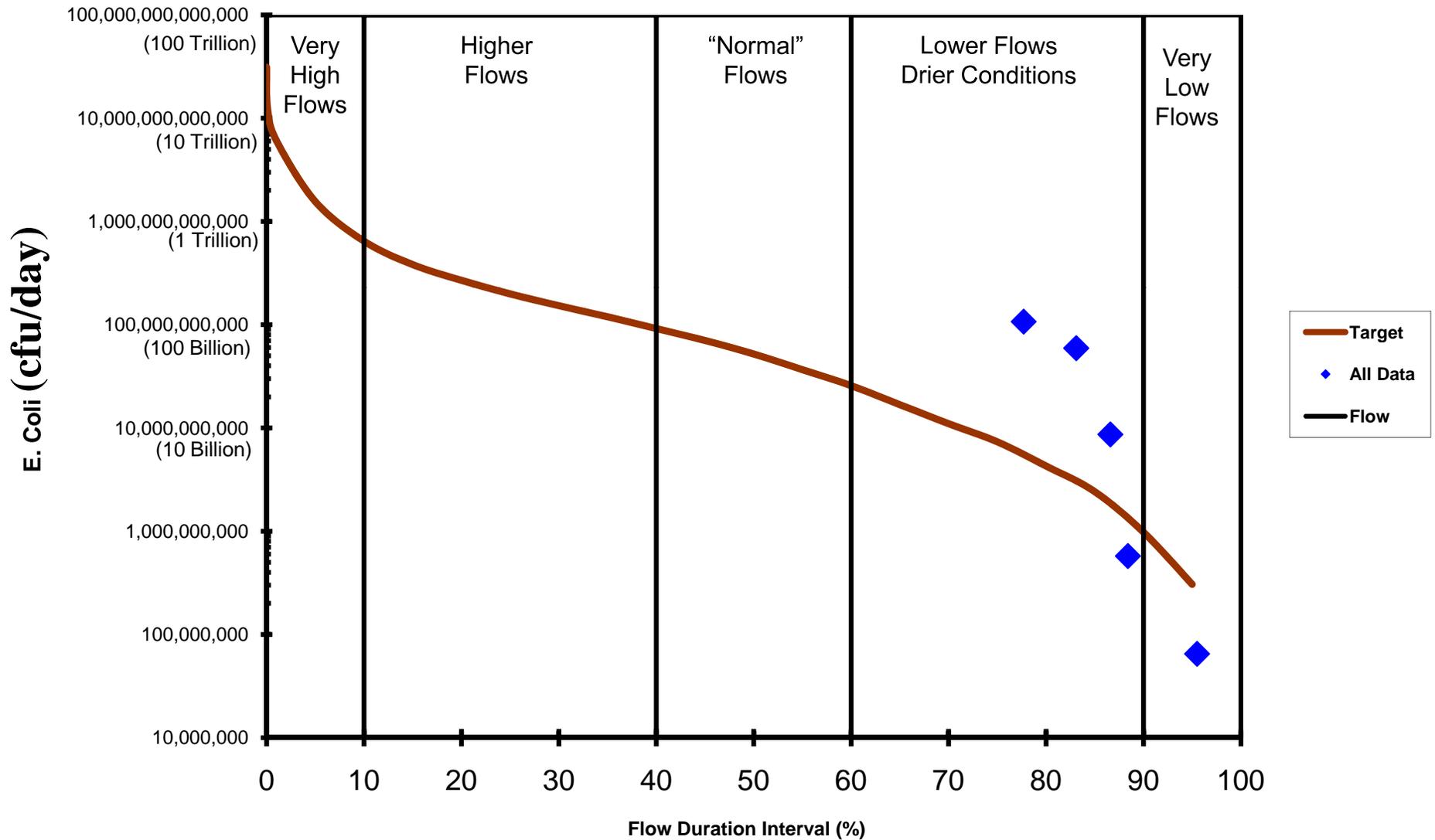


IDEM Water Quality Data & USGS Gage 03378550 Stream Flow Data  
Upstream Drainage Area is 15.57 square miles

# Locust Creek

## At Foot Bridge @ Trailer Park

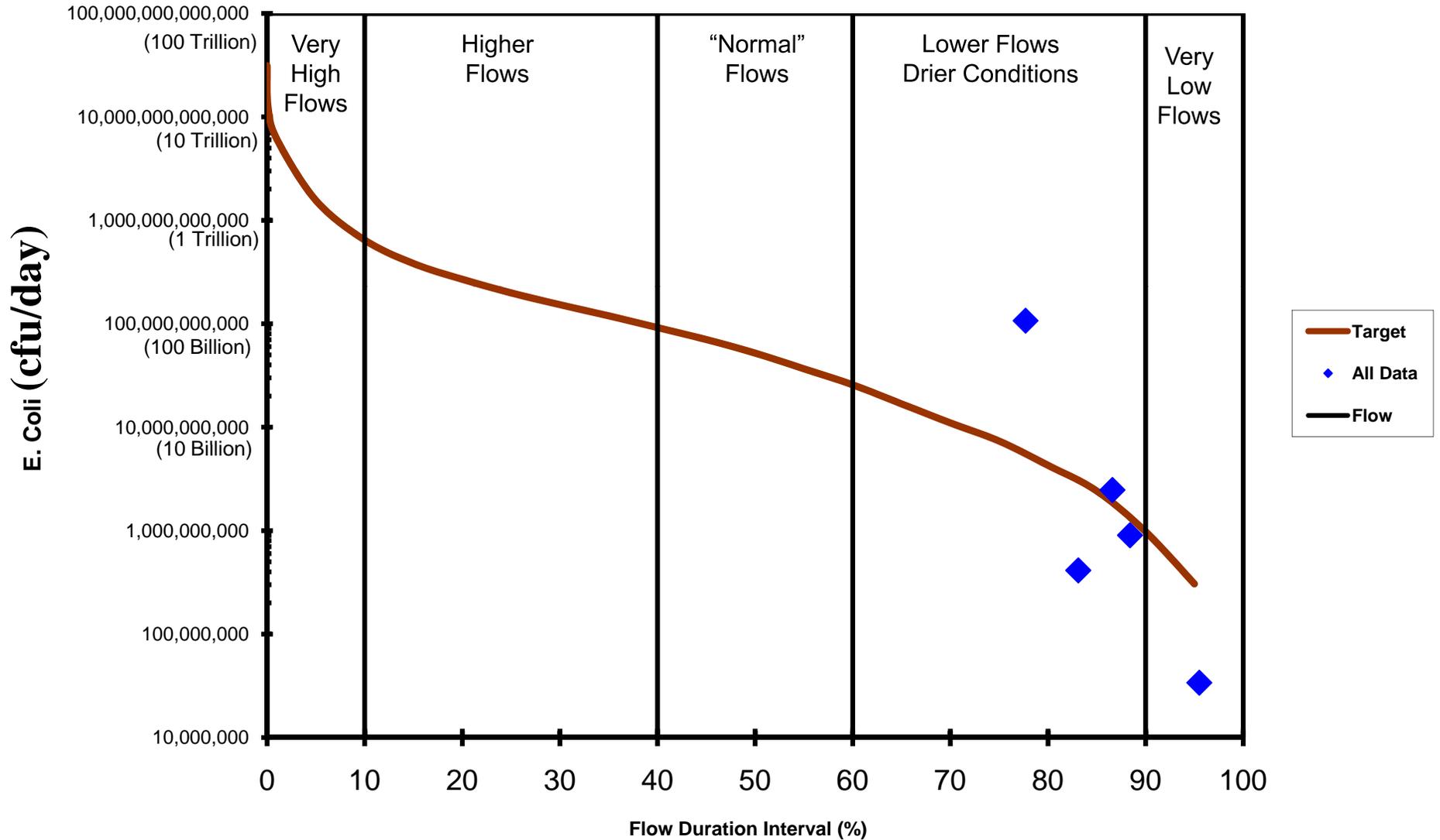
### E. coli Load Duration Curve - Site: 25



IDEM Water Quality Data & USGS Gage 03378550 Stream Flow Data  
 Upstream Drainage Area is 10.13 square miles

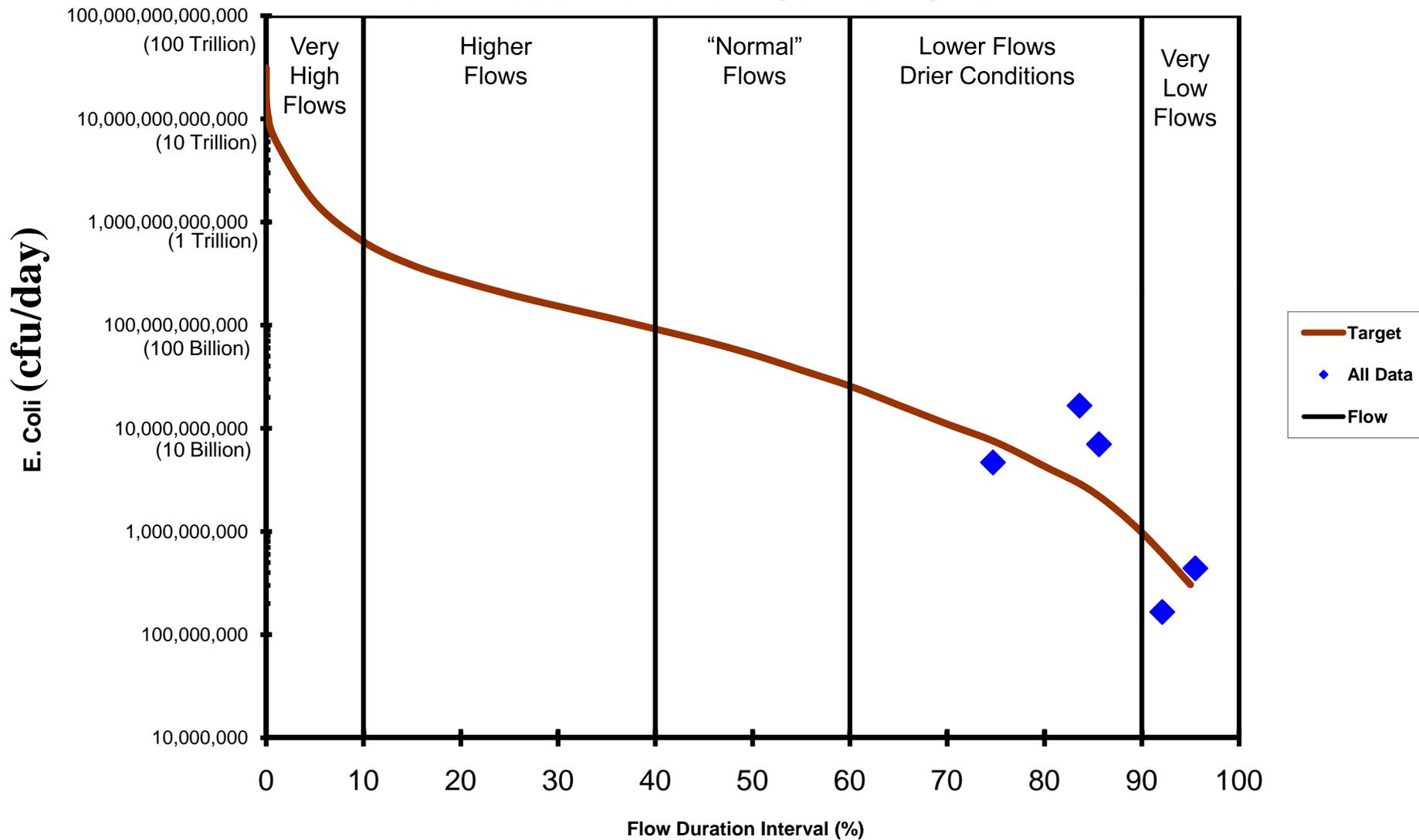
# Little Pigeon Creek Kentucky Ave

## *E. coli* Load Duration Curve - Site: 26



IDEM Water Quality Data & USGS Gage 03378550 Stream Flow Data  
Upstream Drainage Area is 15.4 square miles

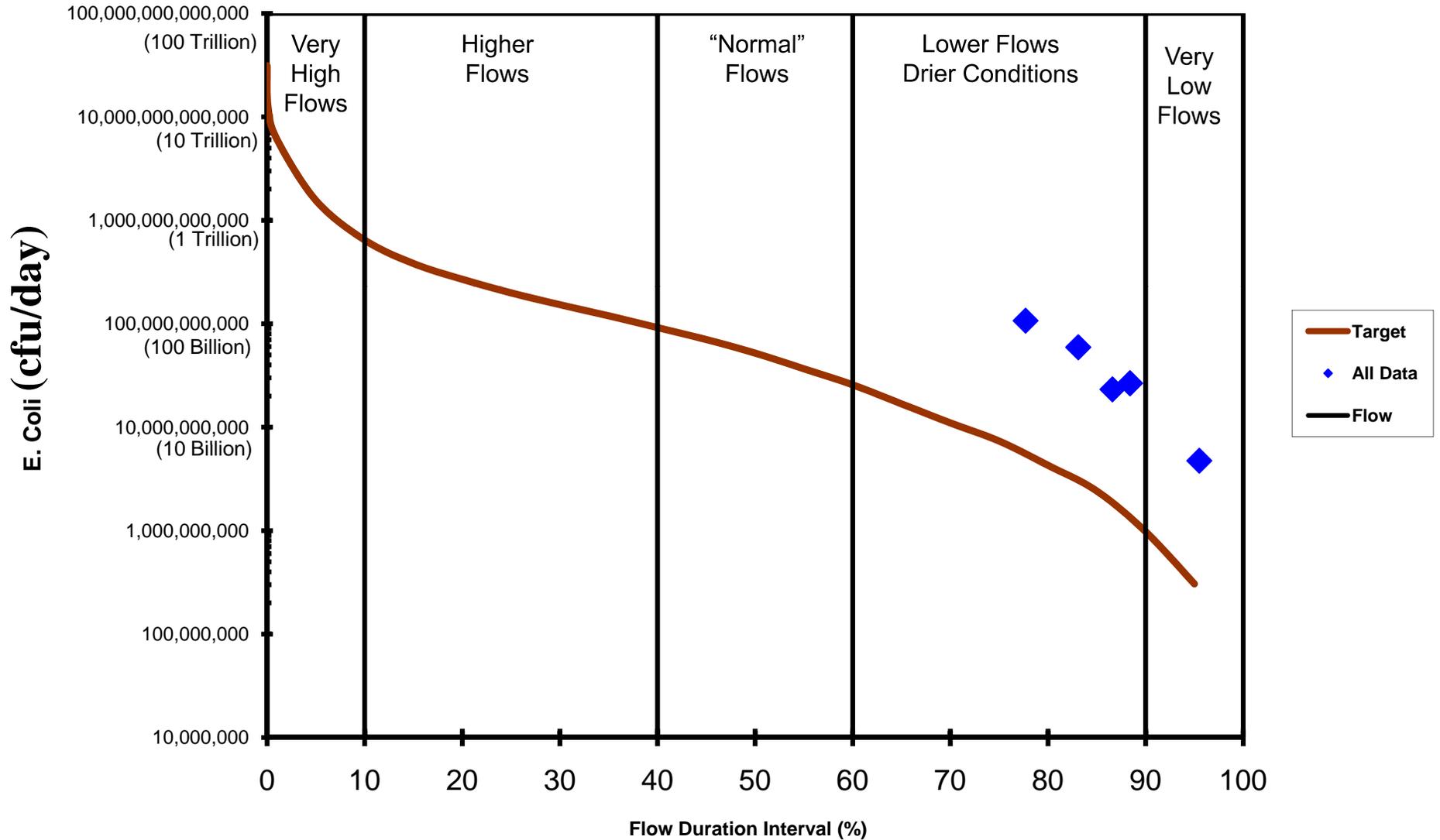
# Bluegrass Creek CR 600 N/Baseline Rd *E. coli* Load Duration Curve - Site: 27



IDEM Water Quality Data & USGS Gage 03378550 Stream Flow Data  
Upstream Drainage Area is 8.27 square miles

# Carpentier Creek Broadway Ave

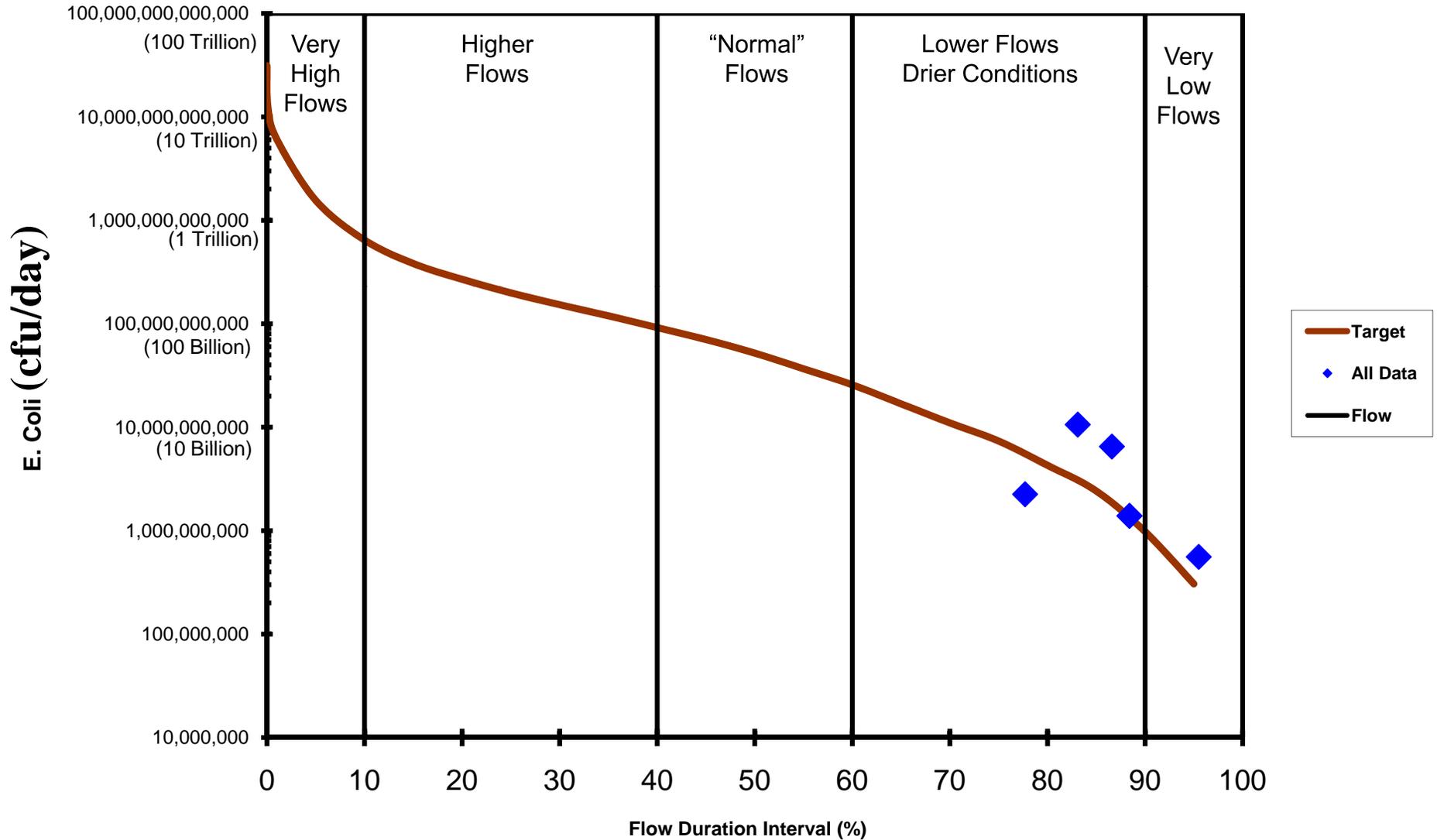
## *E. coli* Load Duration Curve - Site: 28



IDEM Water Quality Data & USGS Gage 03378550 Stream Flow Data  
Upstream Drainage Area is 7.29 square miles

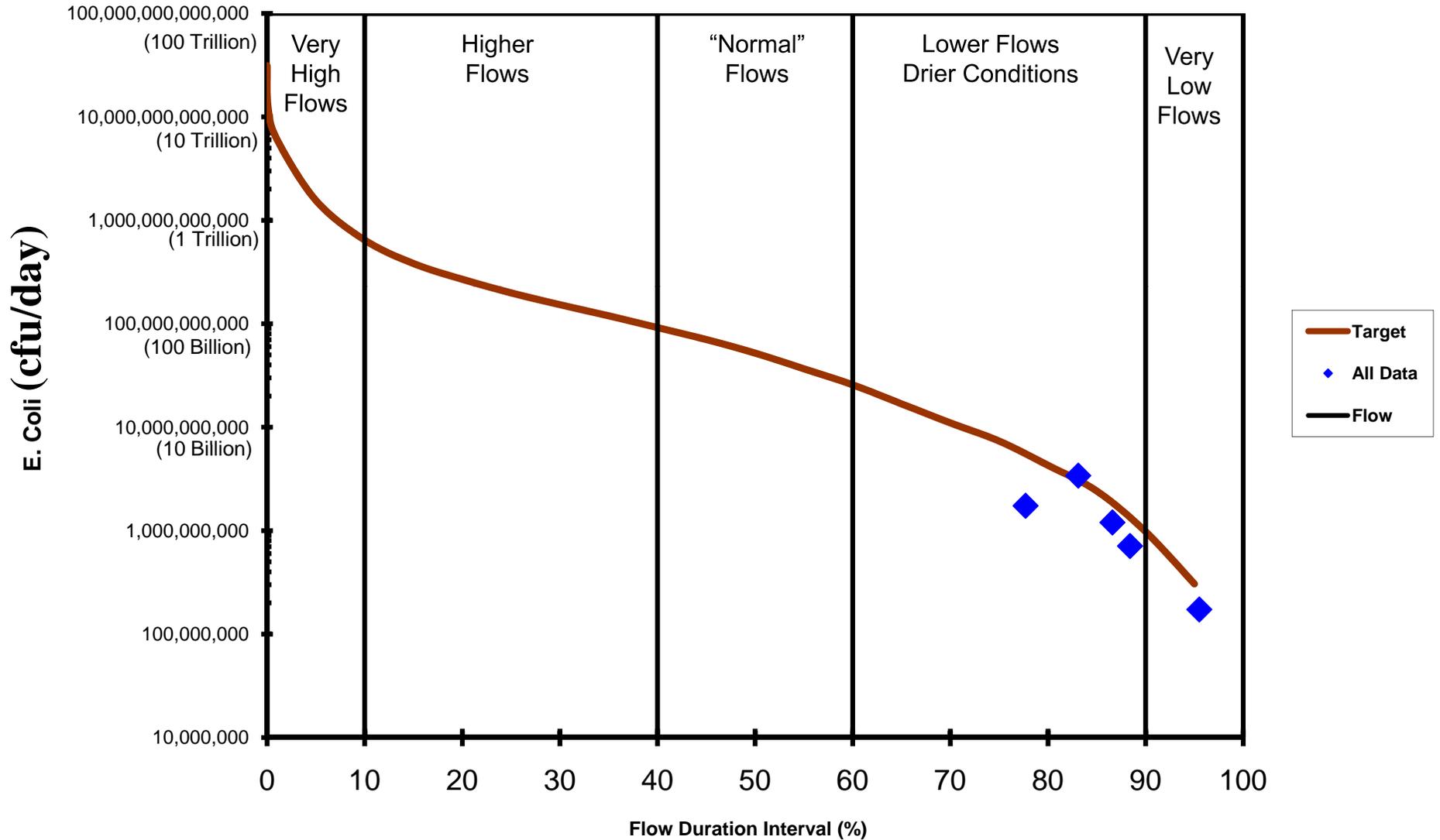
# McFadden Creek EW 570 Rd

## *E. coli* Load Duration Curve - Site: 29



IDEM Water Quality Data & USGS Gage 03378550 Stream Flow Data  
Upstream Drainage Area is 19.92 square miles

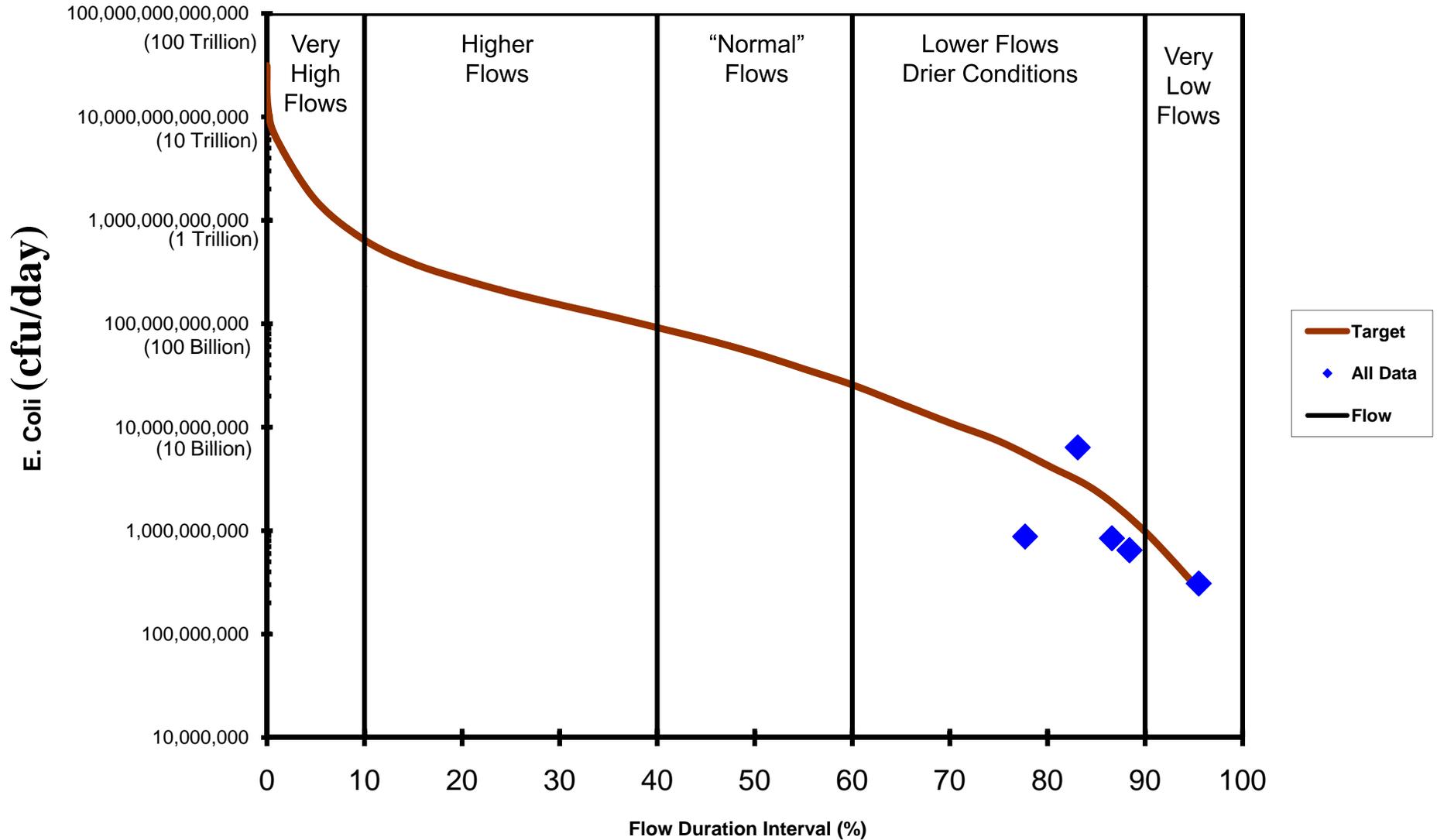
# Cypress Slough Access off of Bluff Rd *E. coli* Load Duration Curve - Site: 30



IDEM Water Quality Data & USGS Gage 03378550 Stream Flow Data  
Upstream Drainage Area is 24.98 square miles

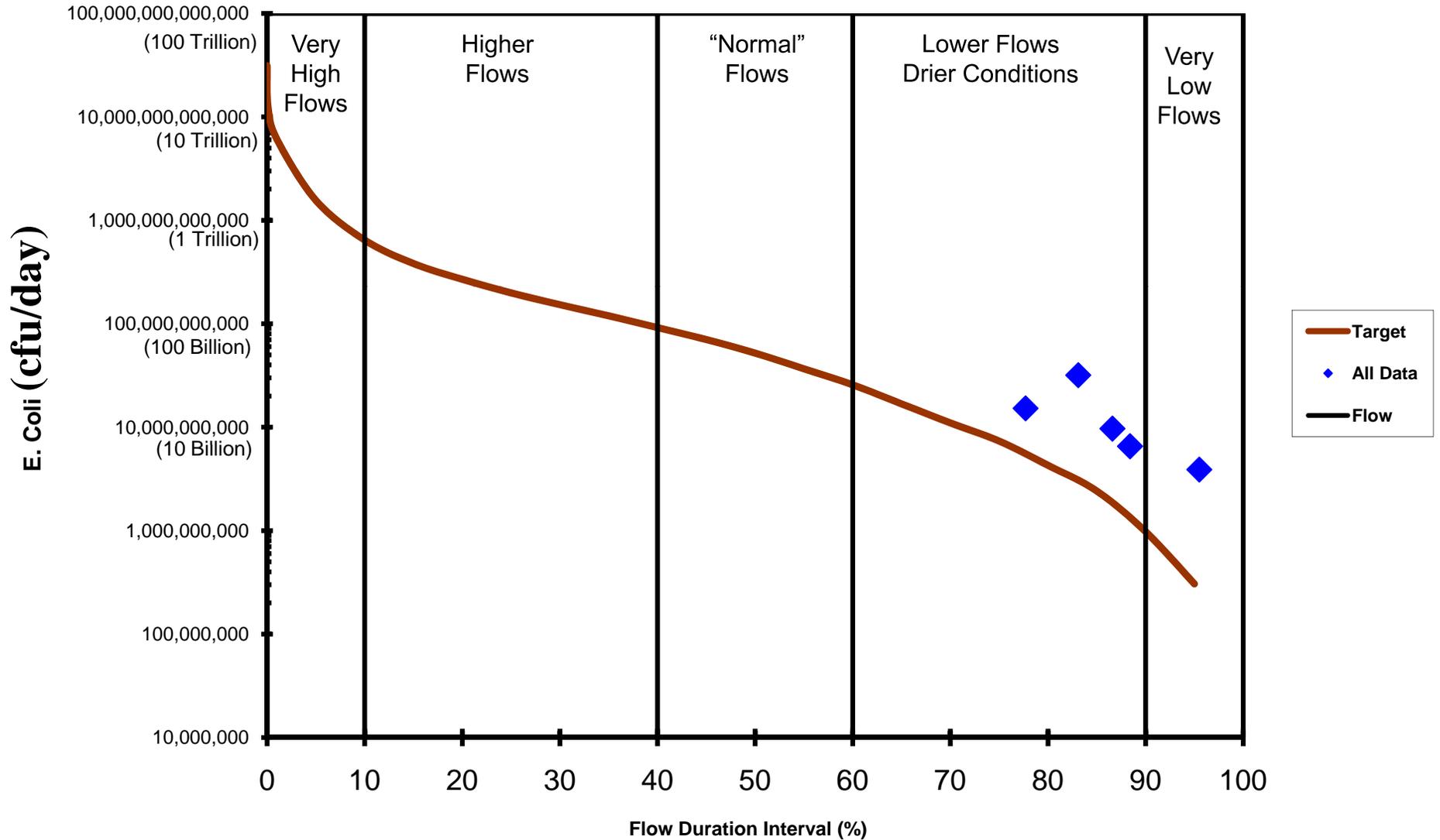
# Unnamed Tributary to Cypress Slough Indian Mound Rd

## *E. coli* Load Duration Curve - Site: 31



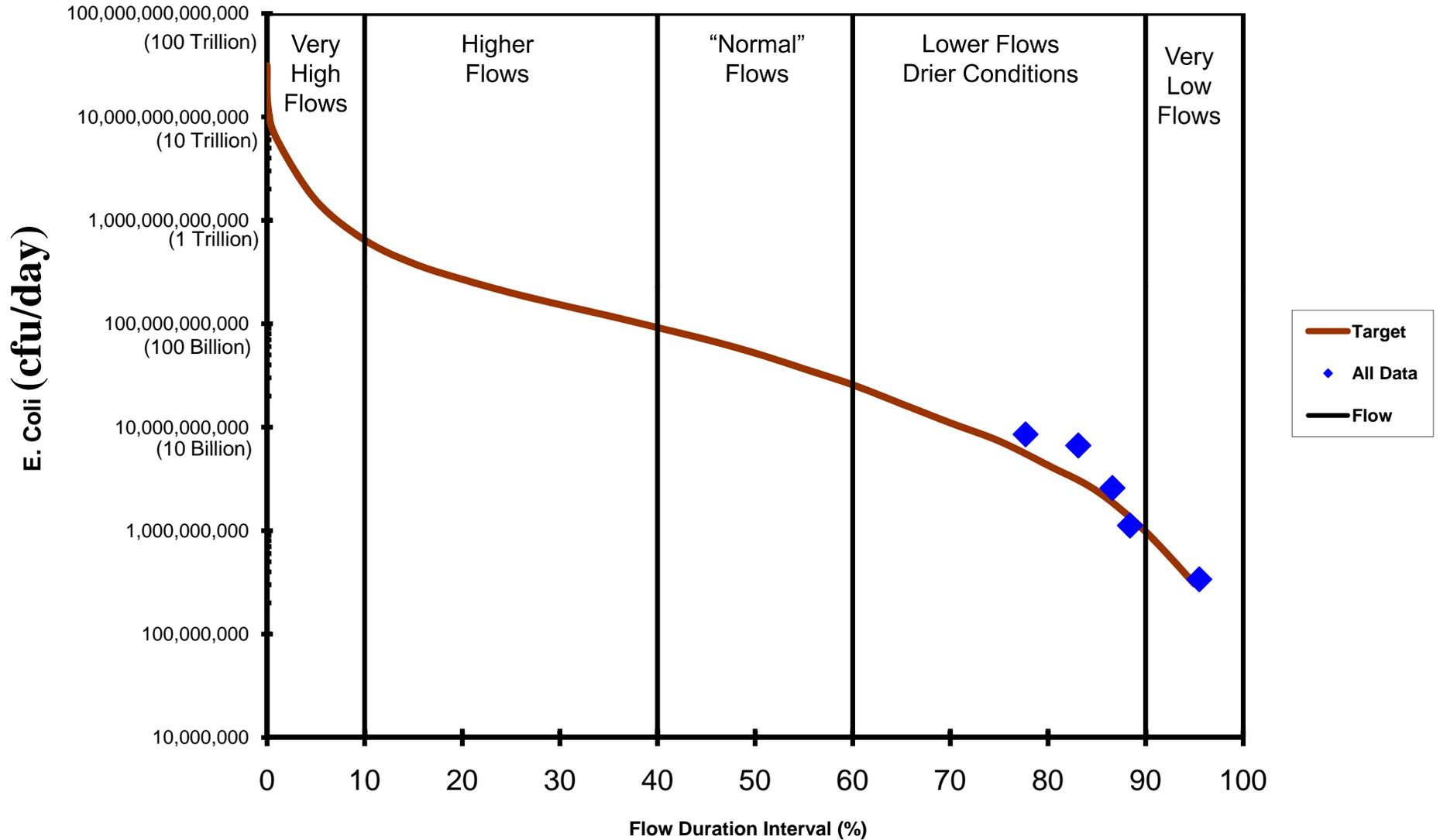
# Cypress Slough Carbon Rd

## *E. coli* Load Duration Curve - Site: 32



# Bayou Creek Franklin Rd

## *E. coli* Load Duration Curve - Site: 33

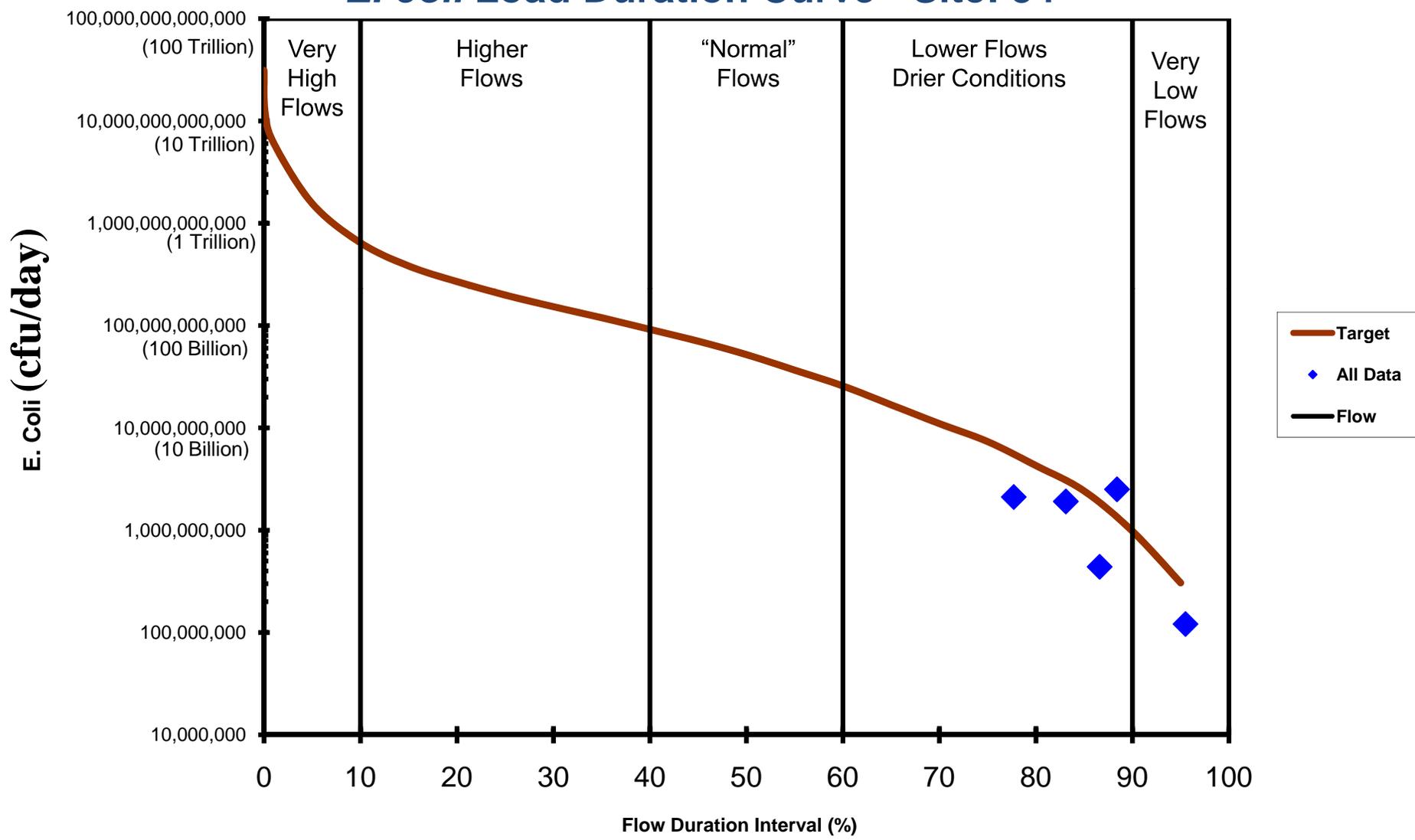


IDEM Water Quality Data & USGS Gage 03378550 Stream Flow Data  
Upstream Drainage Area is 9.74 square miles

# Bayou Drain

## DNR Rd Hovey Lake FWA

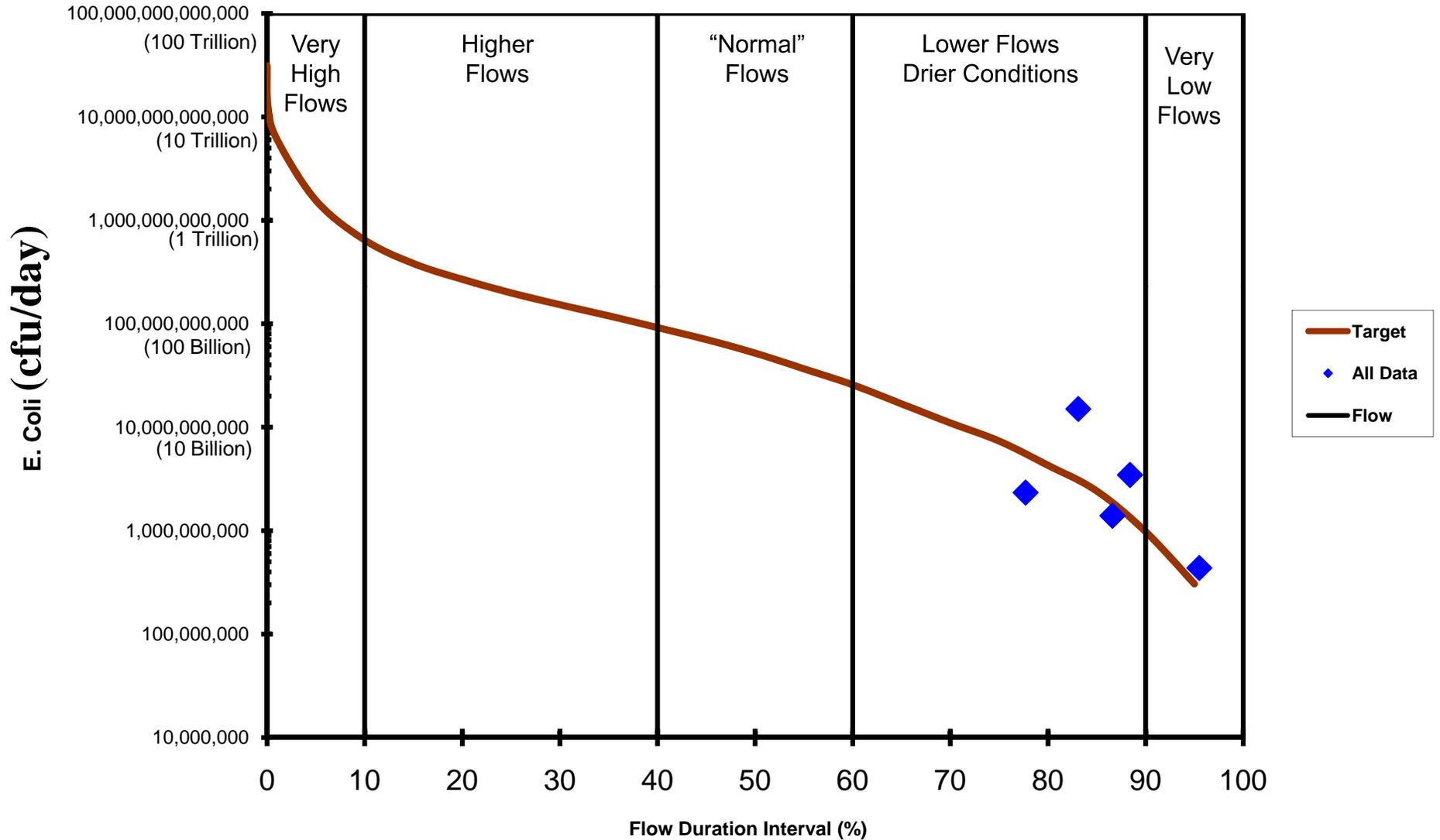
### E. coli Load Duration Curve - Site: 34



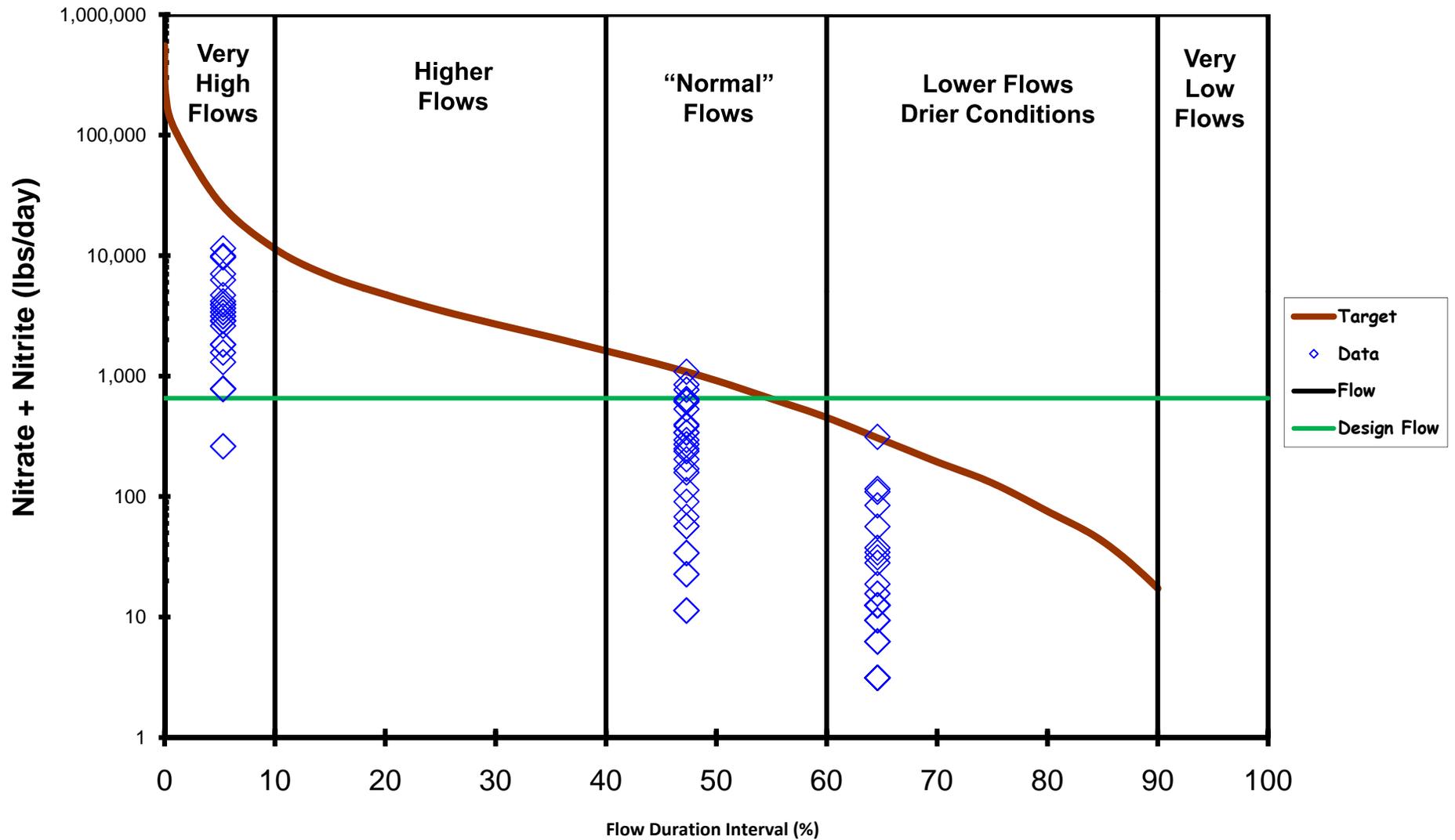
IDEM Water Quality Data & USGS Gage 03378550 Stream Flow Data  
 Upstream Drainage Area is 5.28 square miles

# Unnamed Tributary to Bayou Creek At Smith-Diamond Rd

## *E. coli* Load Duration Curve - Site: 35

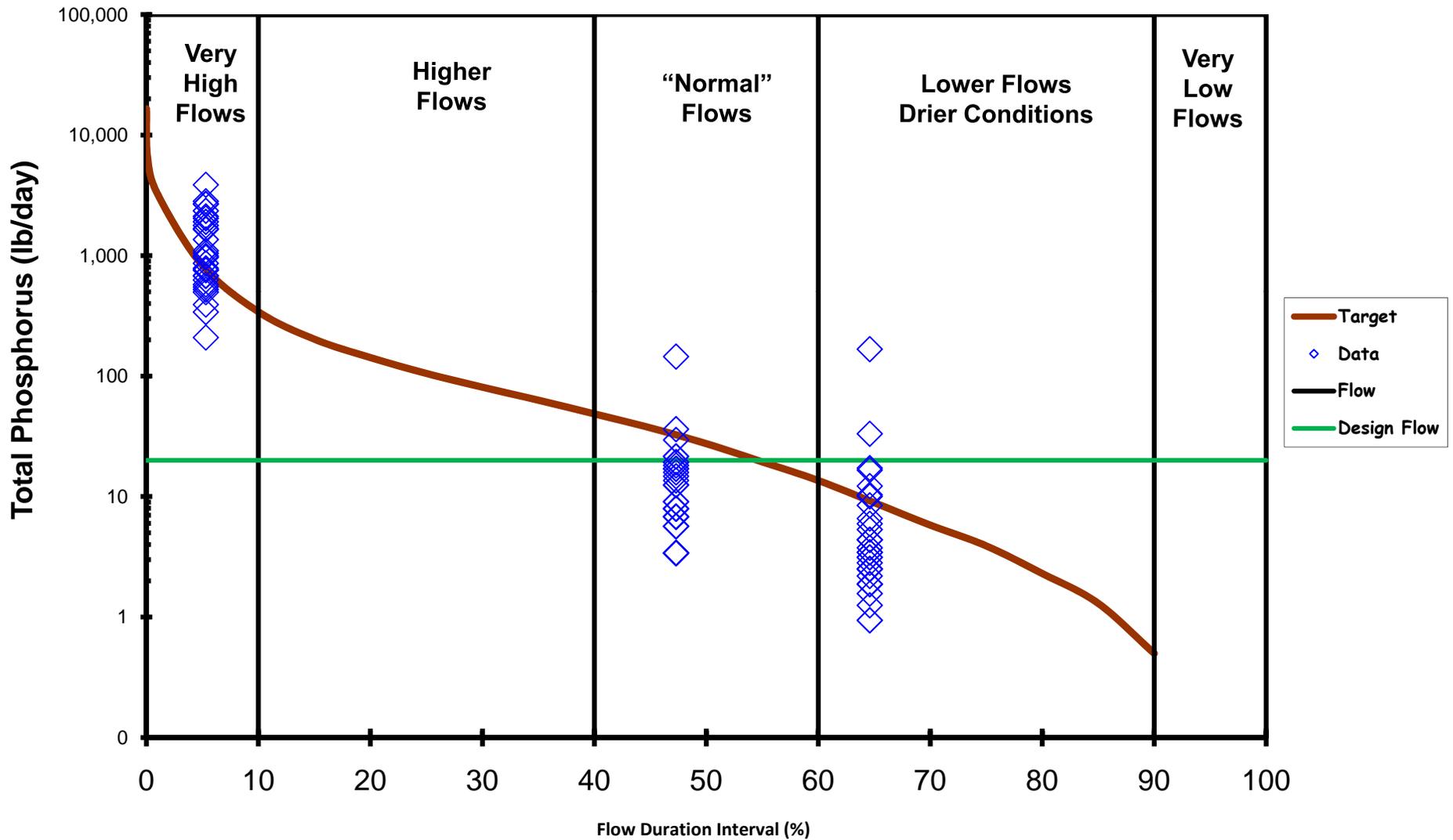


# Highland Pigeon Nitrate + Nitrite Load Duration Curve (all sites)



IDEM Water Quality Data & USGS Gage 03378550 Stream Flow Data  
Watershed Drainage Area is 526.14 square miles

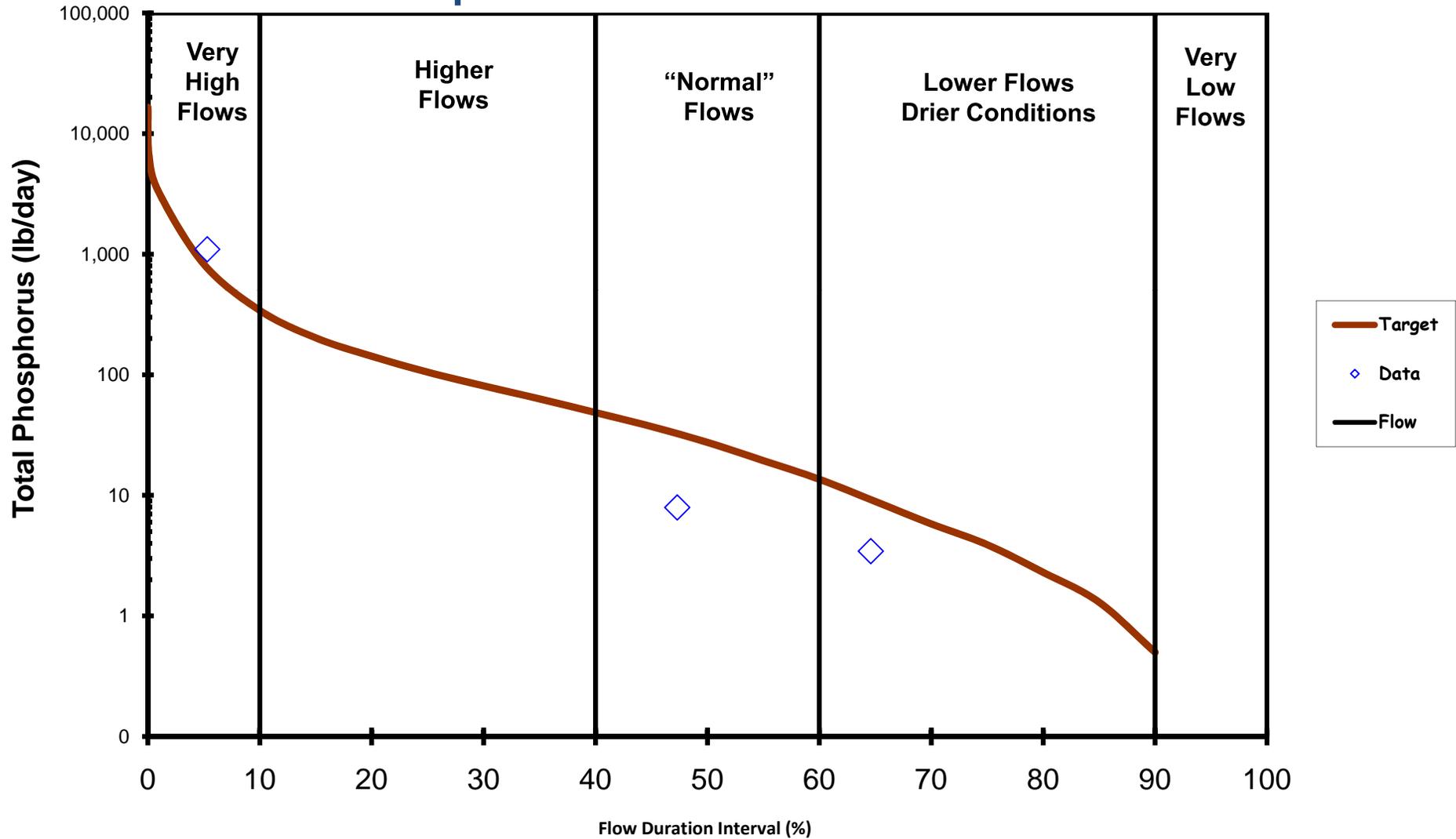
# Highland Pigeon Total Phosphorus Load Duration Curve (all sites)



IDEM Water Quality Data & USGS Gage 03378550 Stream Flow Data  
Watershed Drainage Area is 526.14 square miles

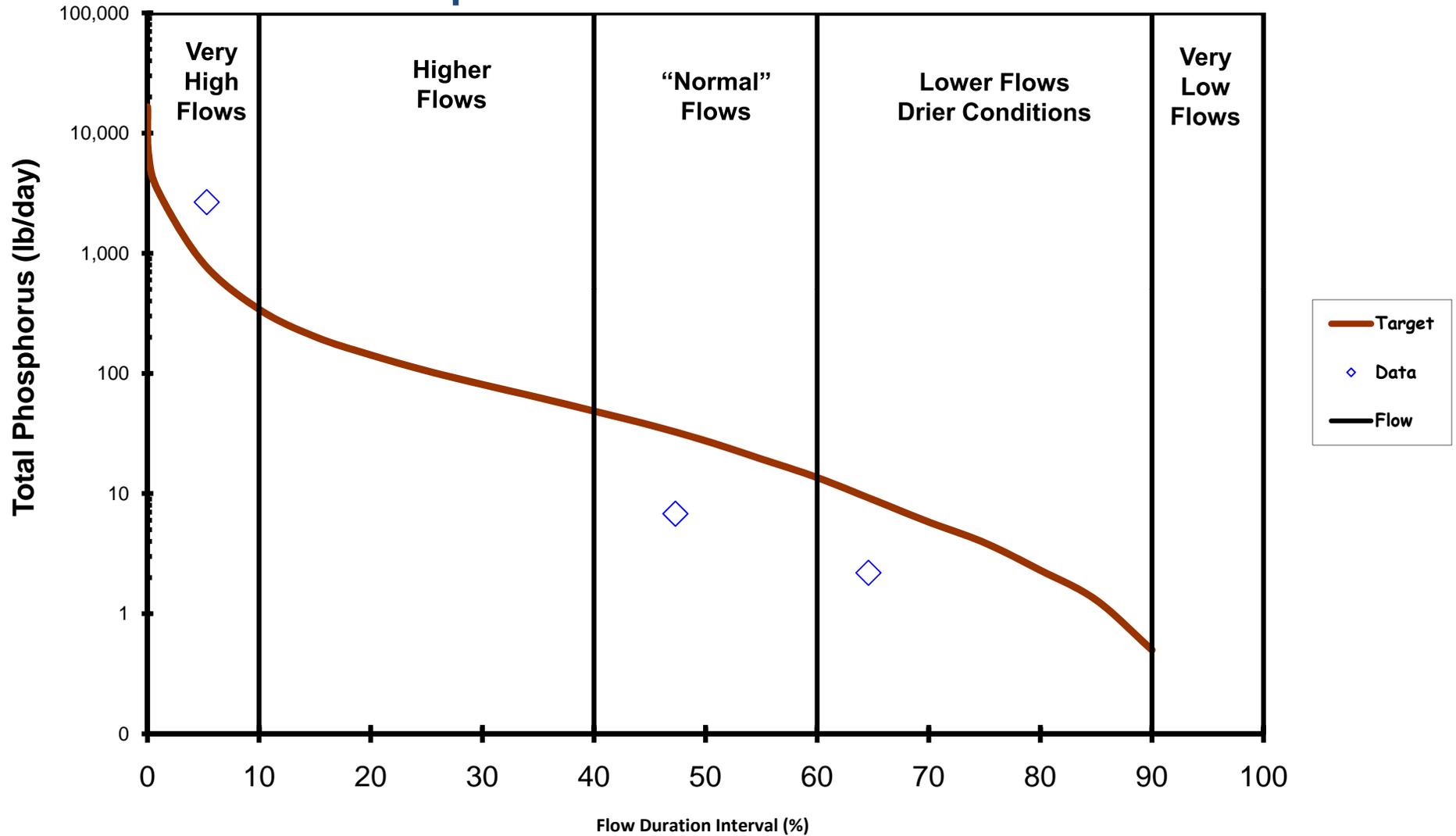
# Sand Creek At CR 450 S

## Total Phosphorous Load Duration Curve - Site: 3



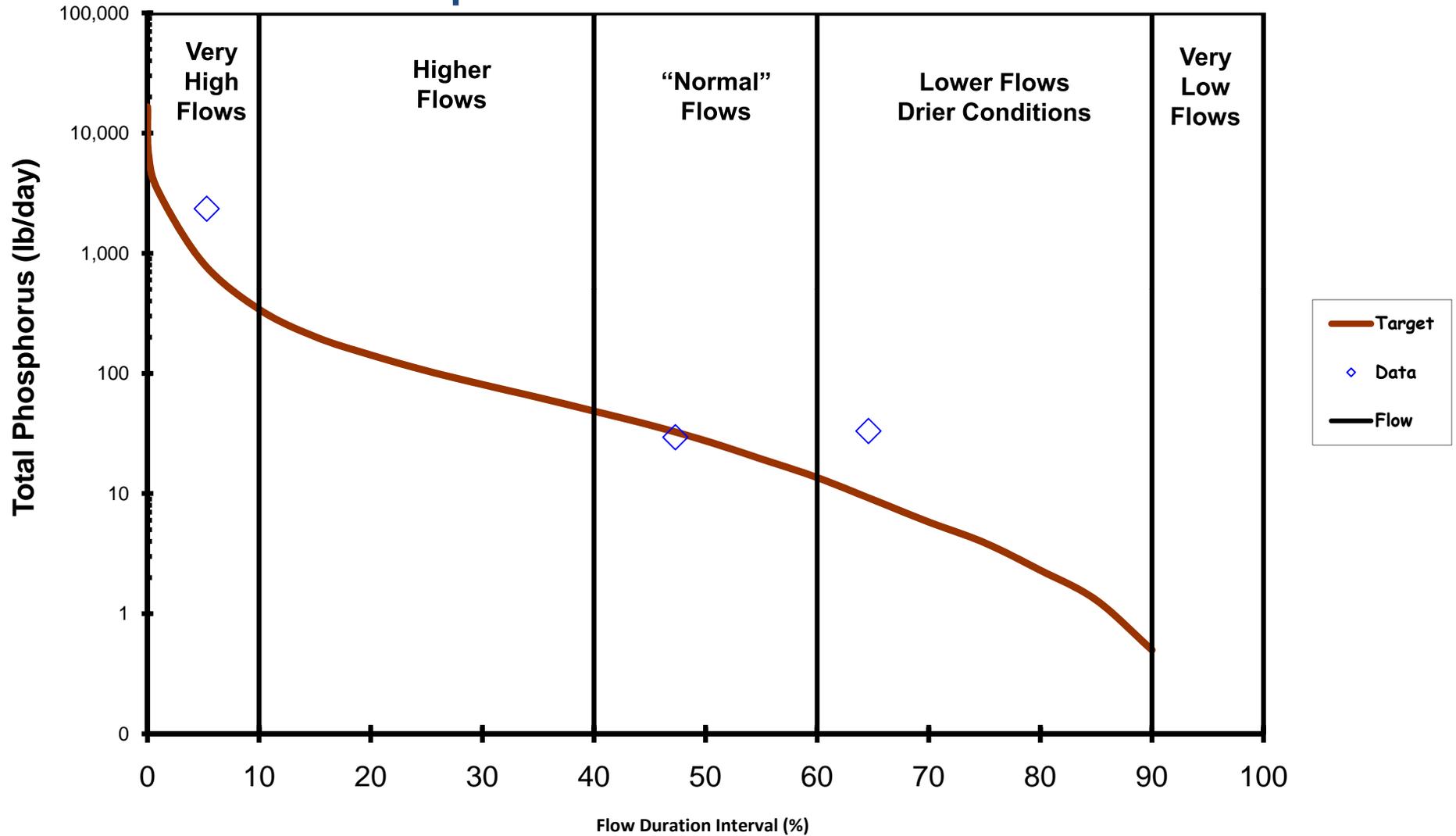
# Pigeon Creek At CR 750 S

## Total Phosphorous Load Duration Curve - Site: 4



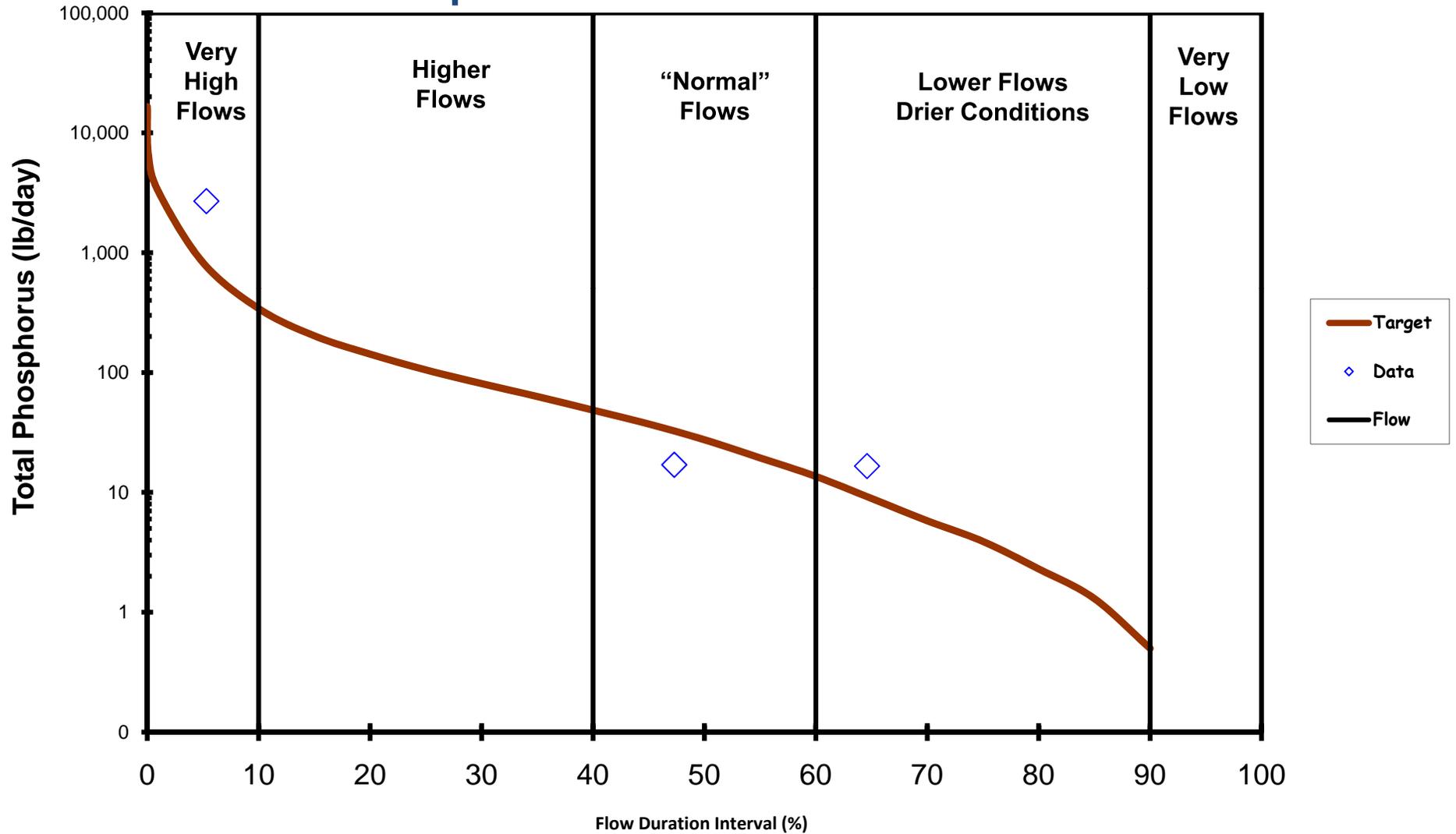
# West Fork Pigeon Creek At CR 200 E

## Total Phosphorous Load Duration Curve - Site: 5



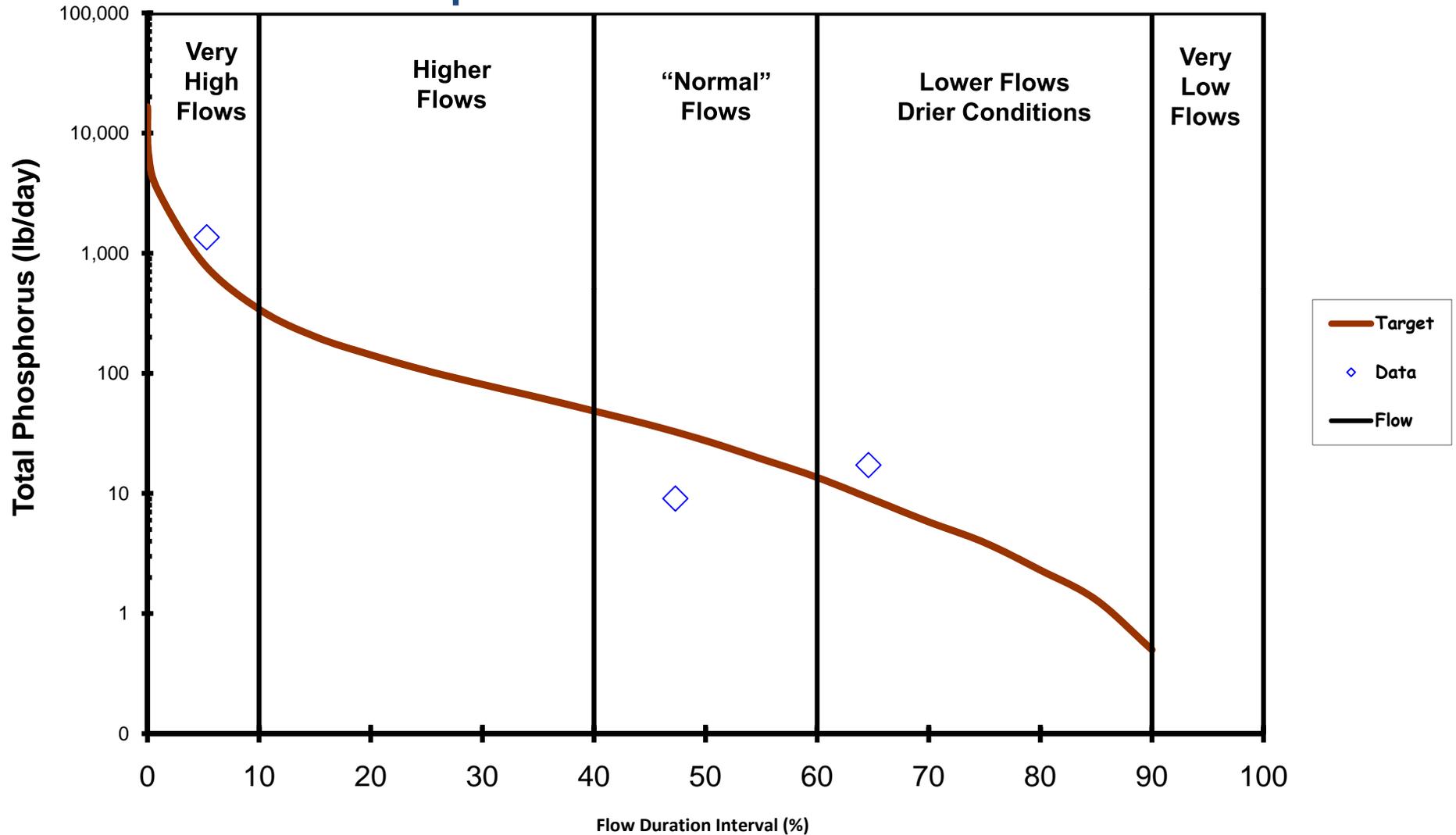
# Pigeon Creek At CR 300 E

## Total Phosphorous Load Duration Curve - Site: 6



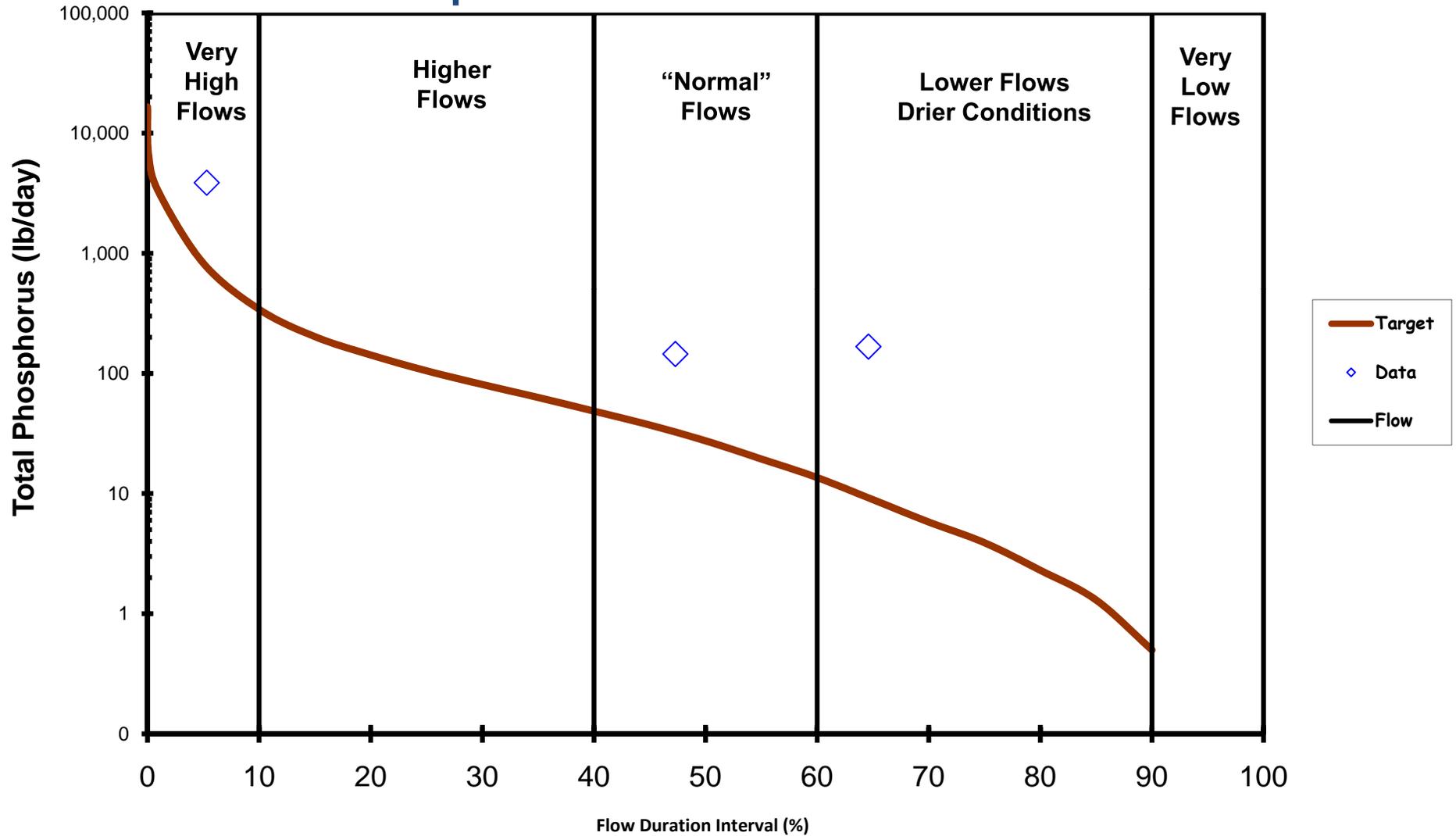
# West Fork Pigeon Creek At CR 25 W

## Total Phosphorous Load Duration Curve - Site: 7



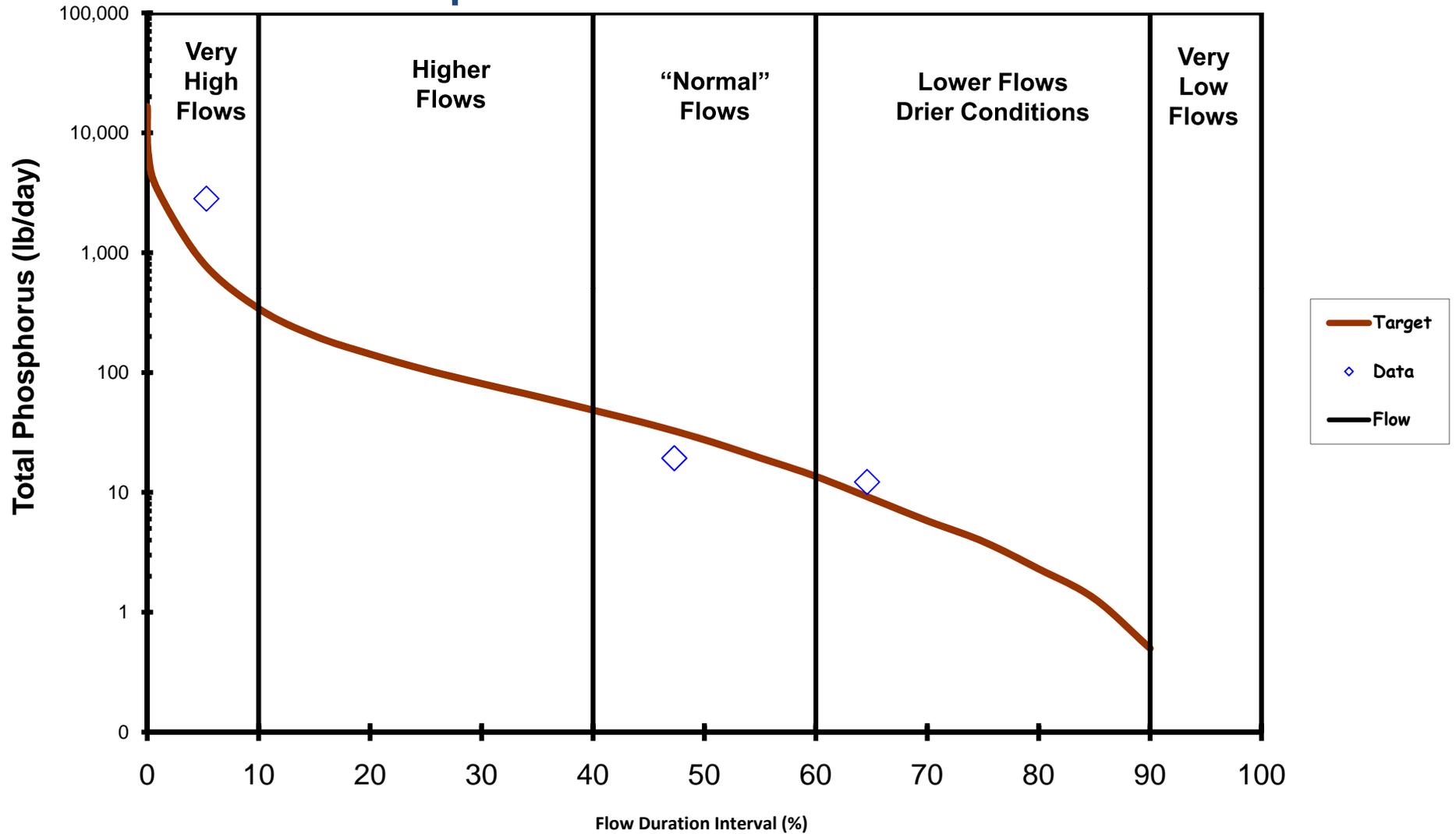
# Hurricane Creek At CR 925 S

## Total Phosphorous Load Duration Curve - Site: 8



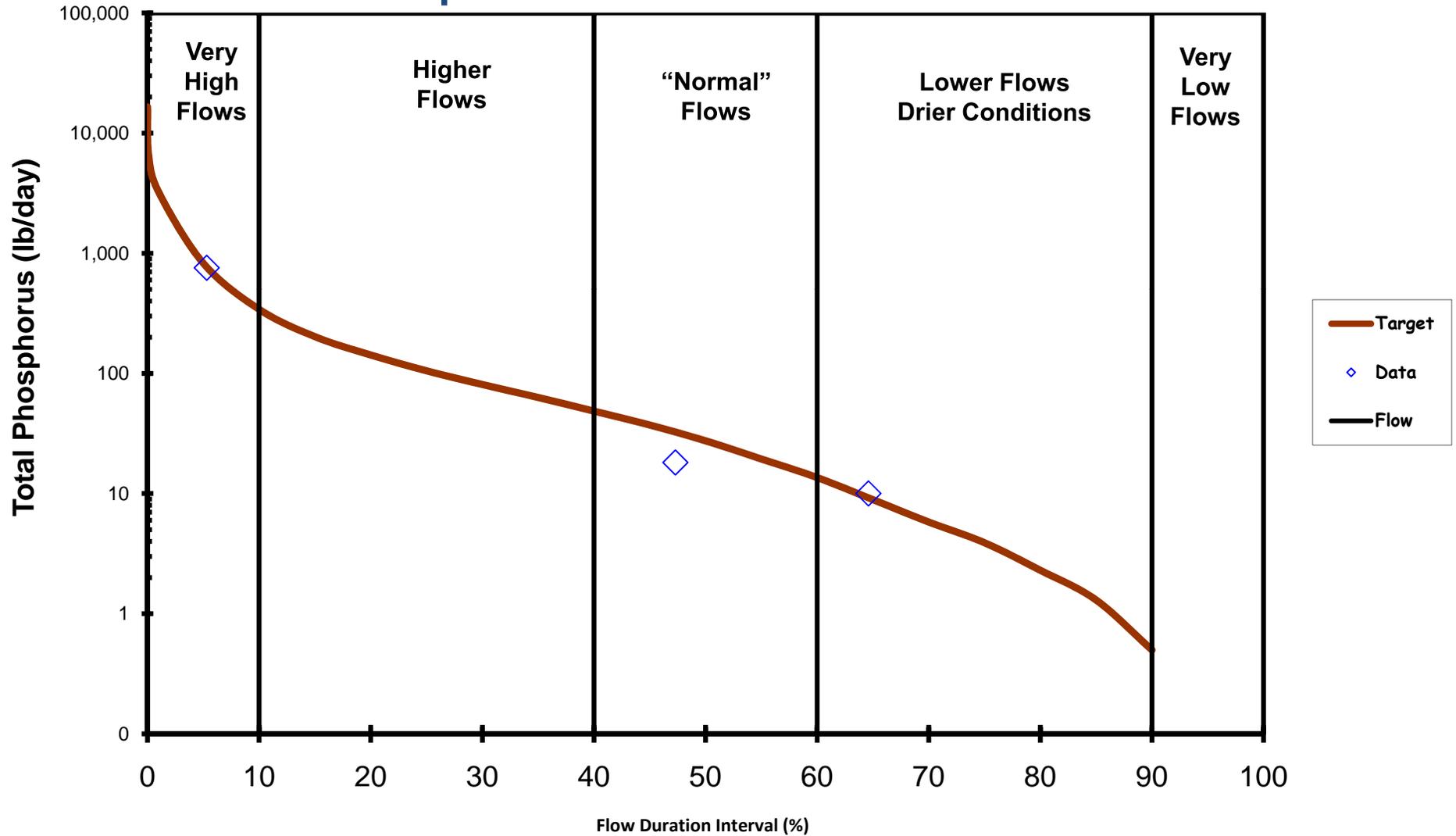
# Pigeon Creek At CR 550 E

## Total Phosphorous Load Duration Curve - Site: 9



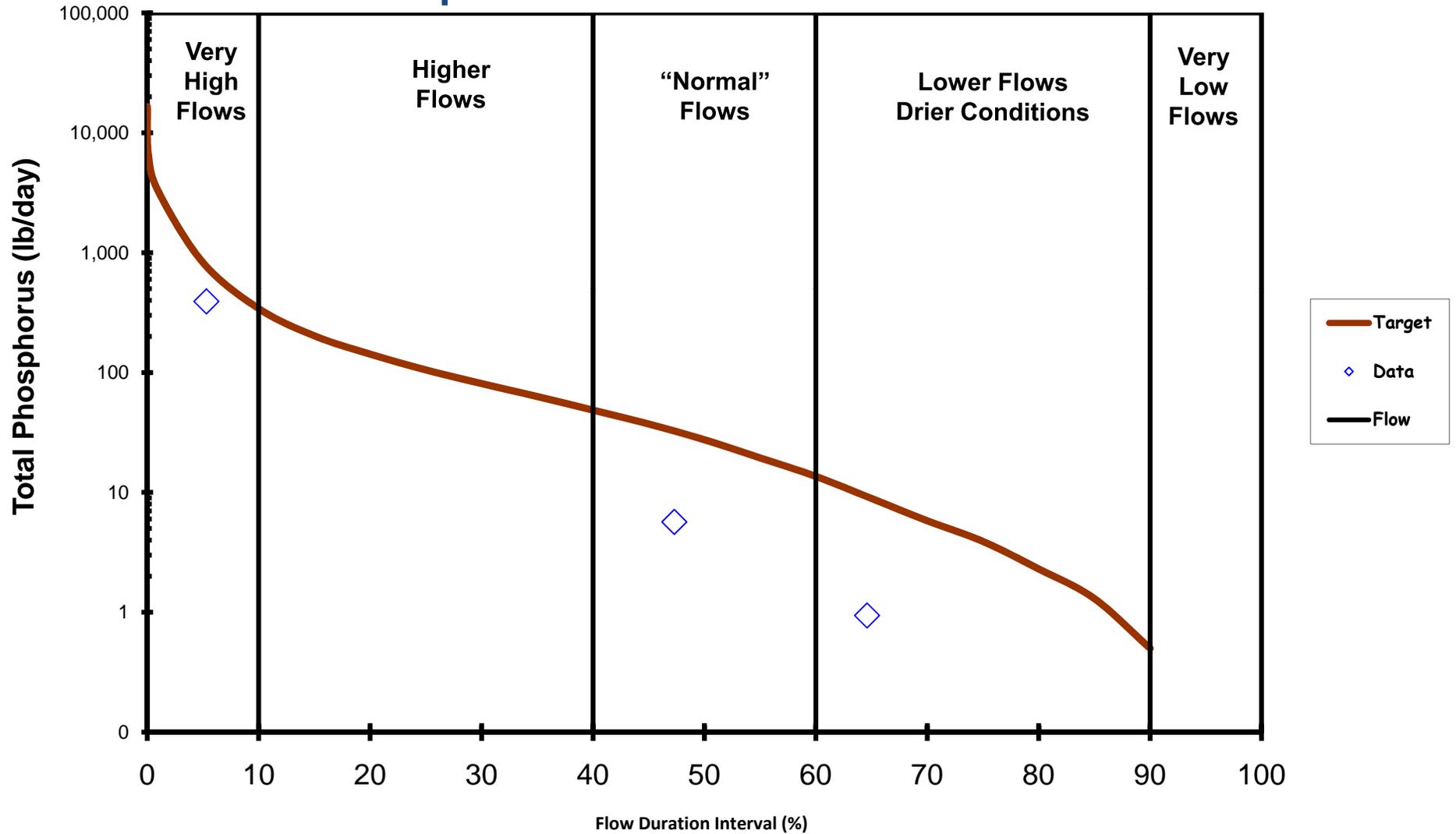
# Smith Fork At SR 57

## Total Phosphorous Load Duration Curve - Site: 10



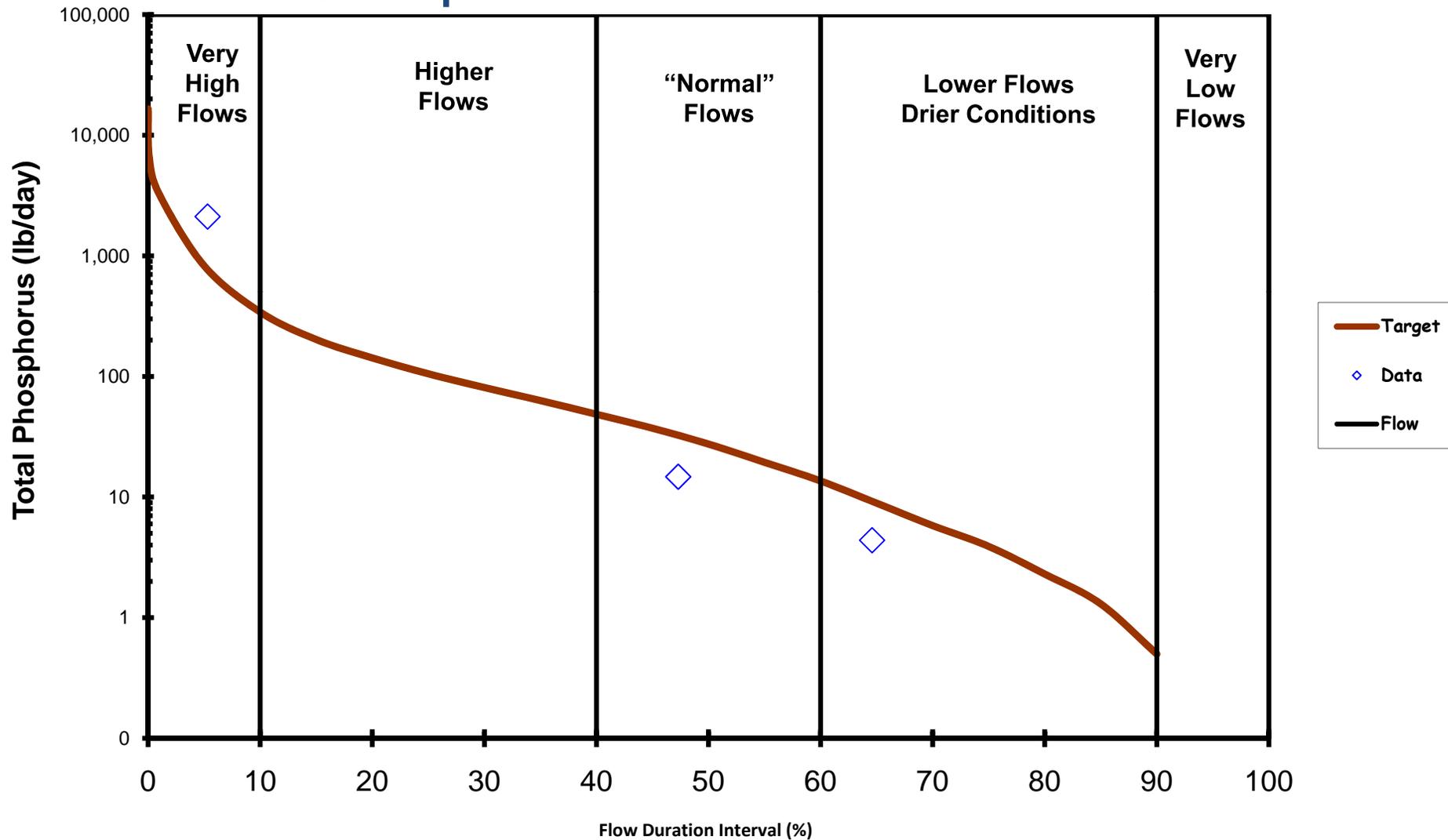
# Smith Fork At CR 950 E

## Total Phosphorous Load Duration Curve - Site: 11



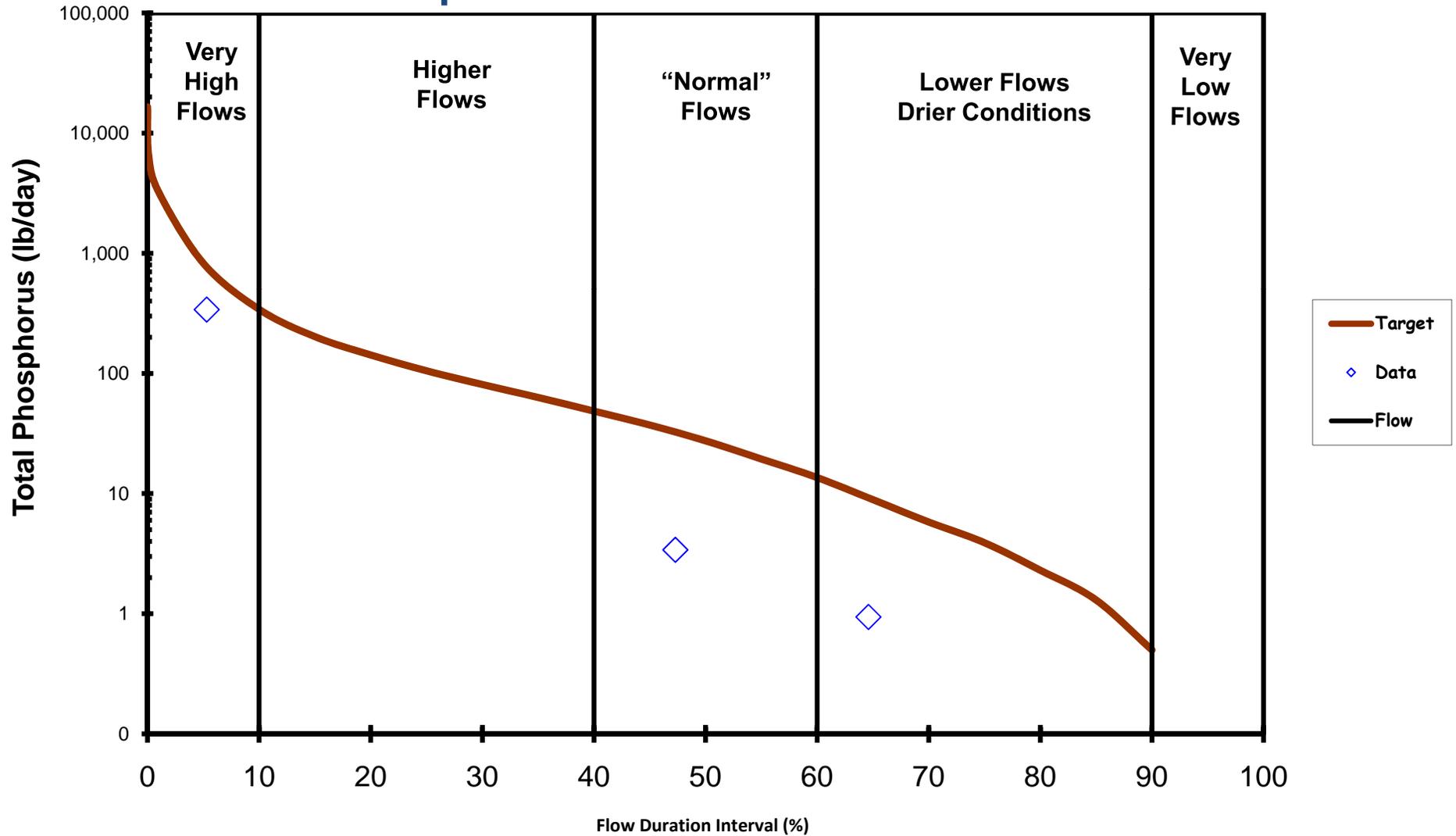
# Pigeon Creek At New Harmony Rd

## Total Phosphorous Load Duration Curve - Site: 12



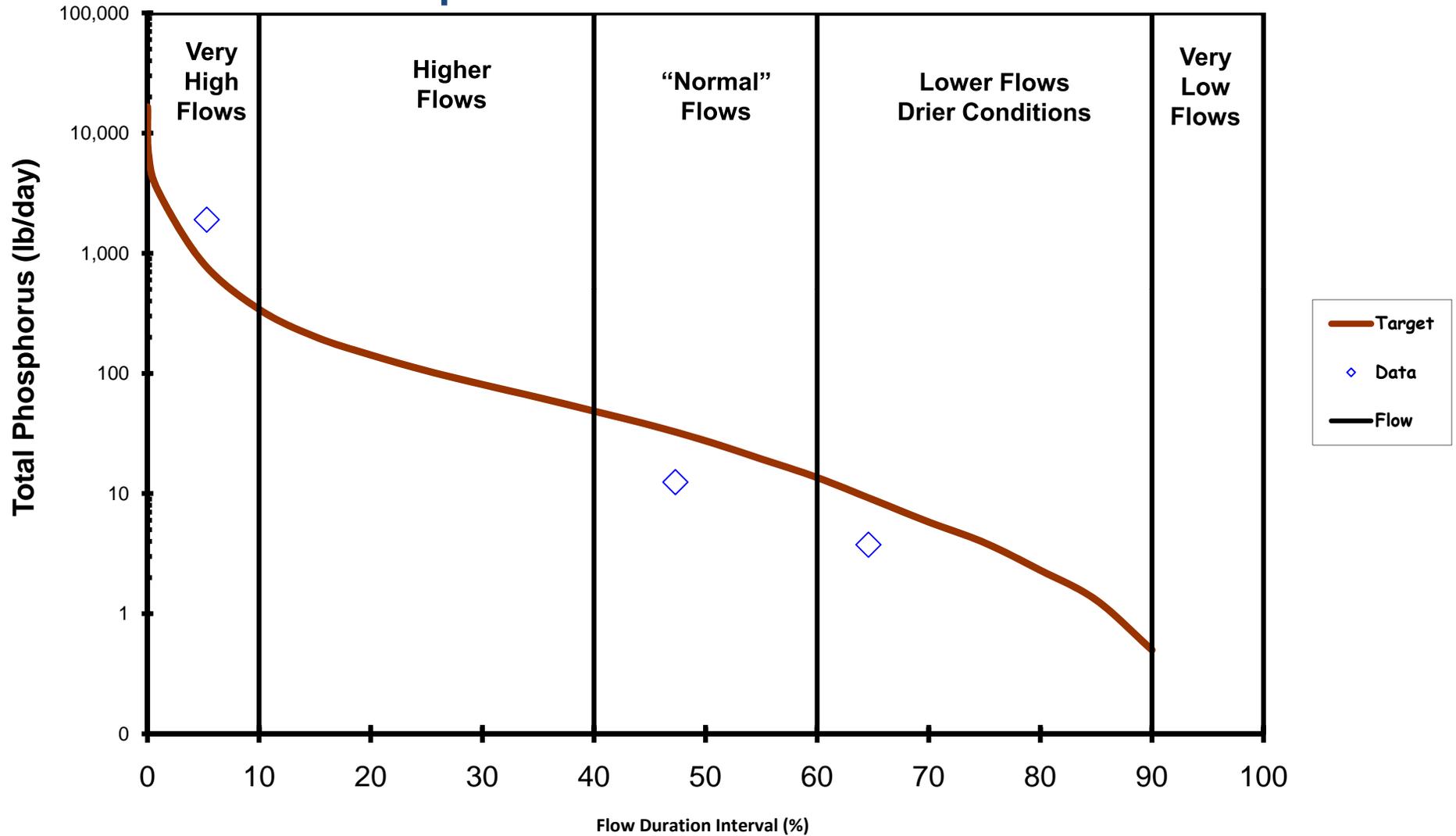
# Big Creek At Buckskin Rd/CR850 W

## Total Phosphorous Load Duration Curve - Site: 15



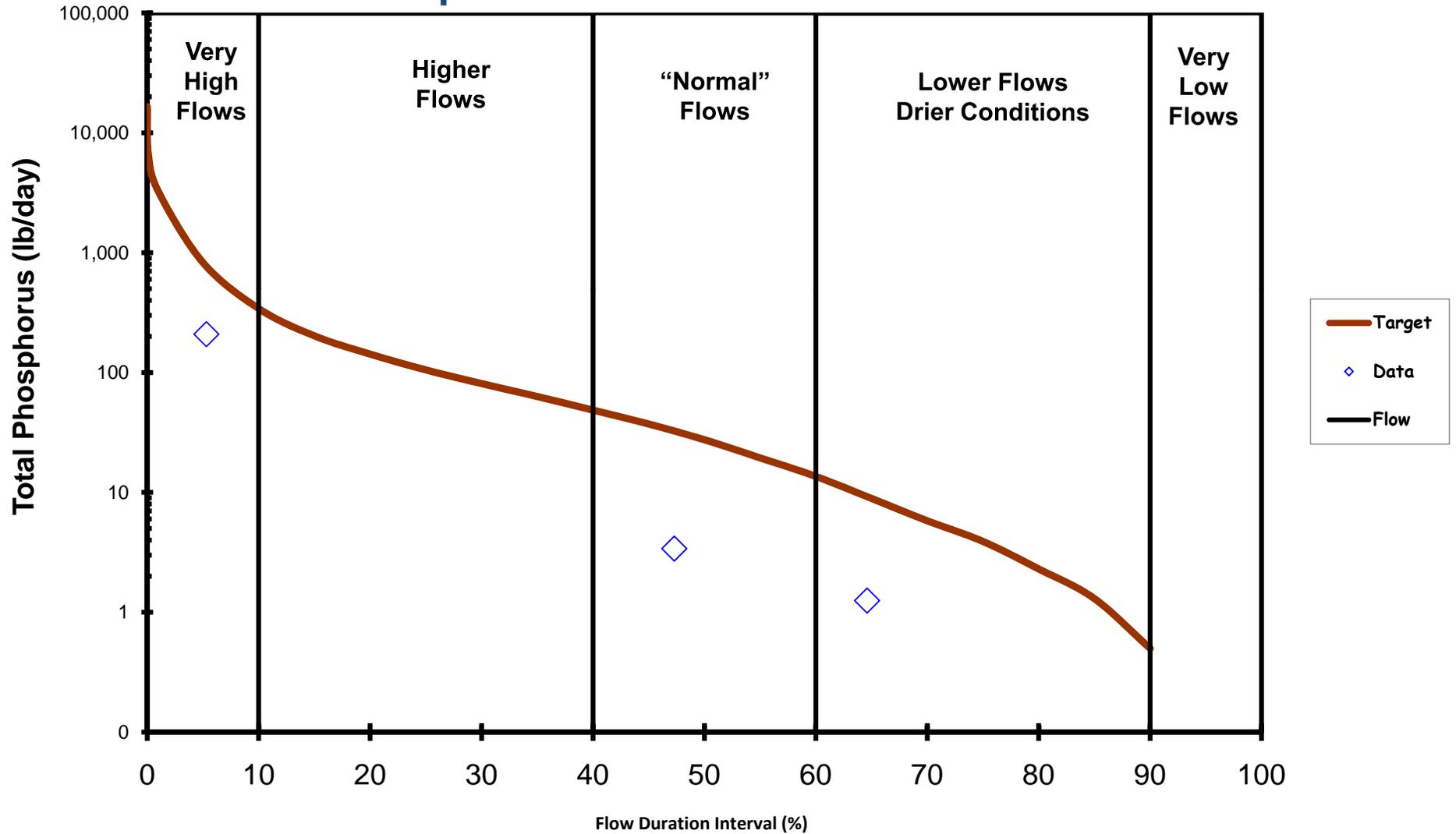
# Pigeon Creek At Stanley Rd

## Total Phosphorous Load Duration Curve - Site: 16



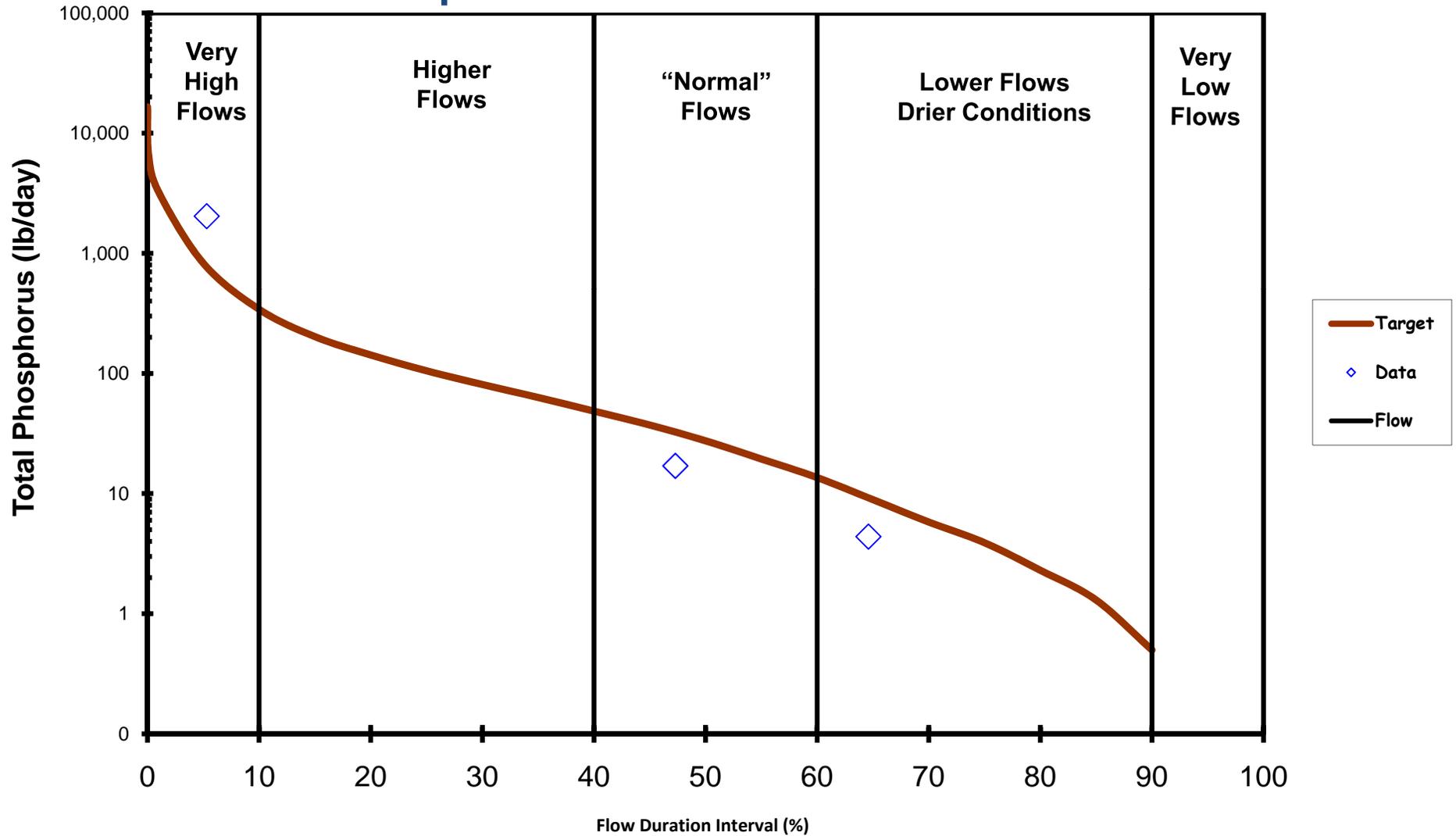
# Squaw Creek At Interrieden Rd

## Total Phosphorous Load Duration Curve - Site: 17



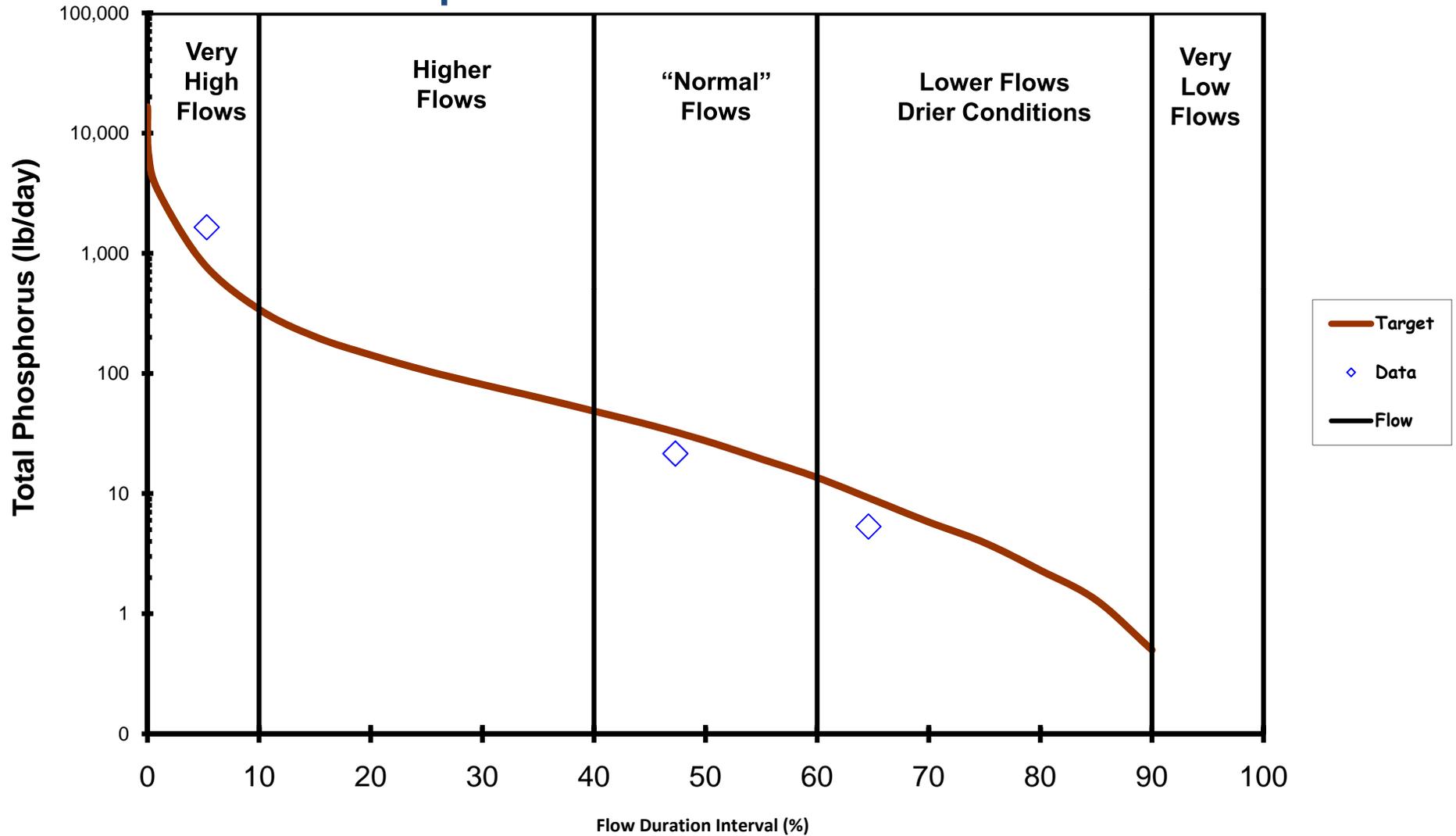
# Pigeon Creek At Heim Rd

## Total Phosphorous Load Duration Curve - Site: 18



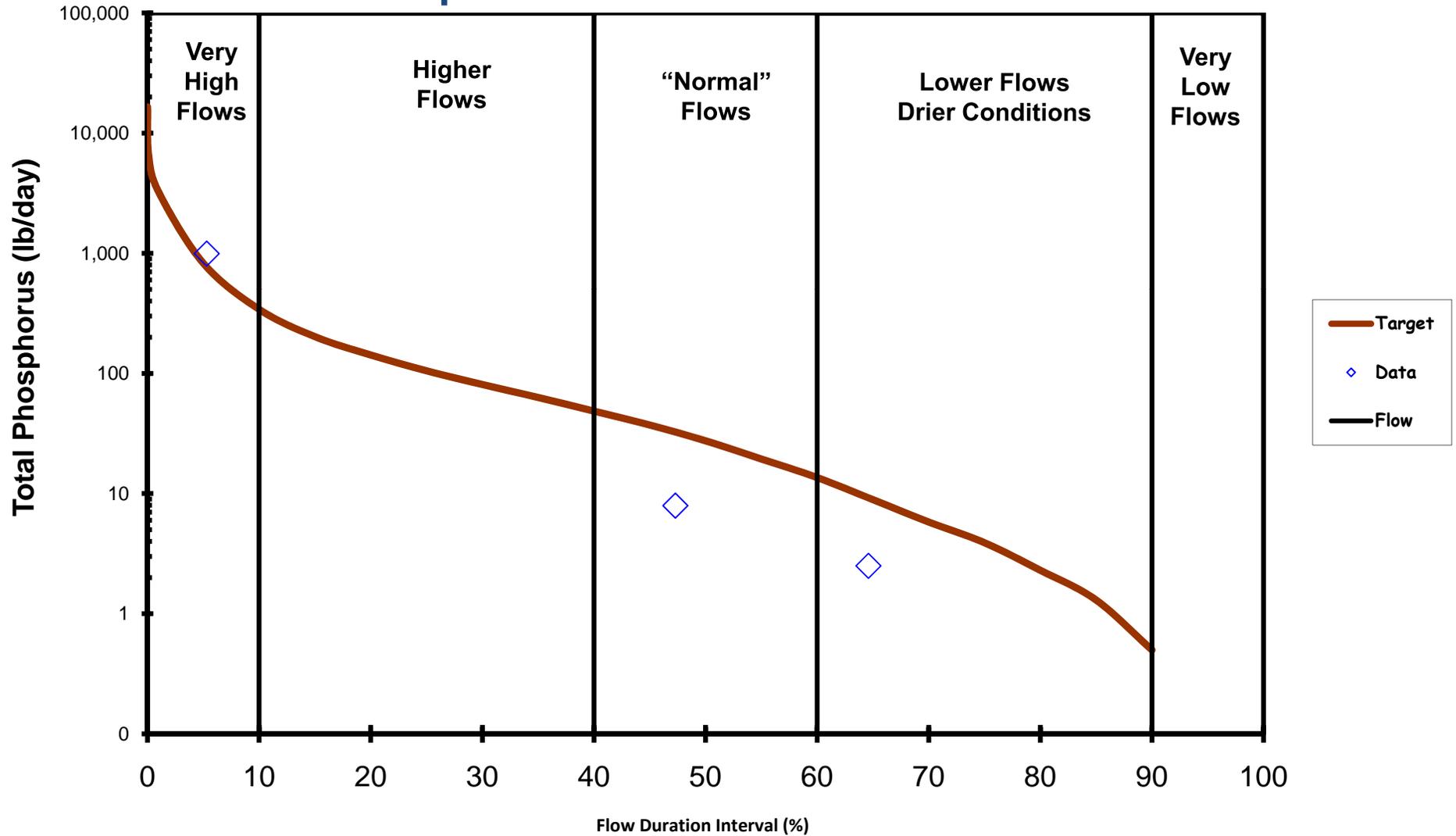
# Pigeon Creek At N. Stevenson Station Rd

## Total Phosphorous Load Duration Curve - Site: 19



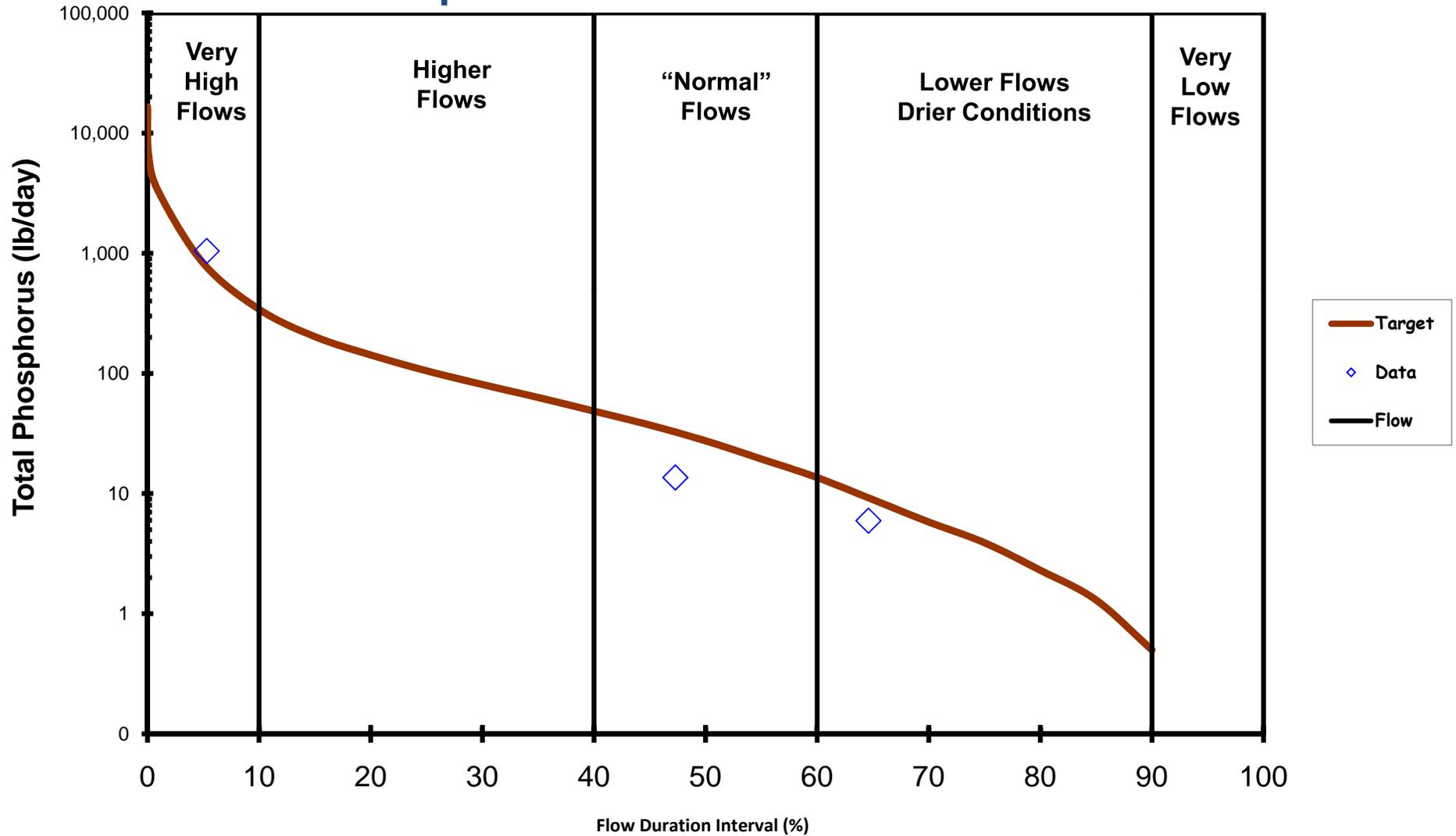
# Bluegrass Creek At Heckel Rd

## Total Phosphorous Load Duration Curve - Site: 20



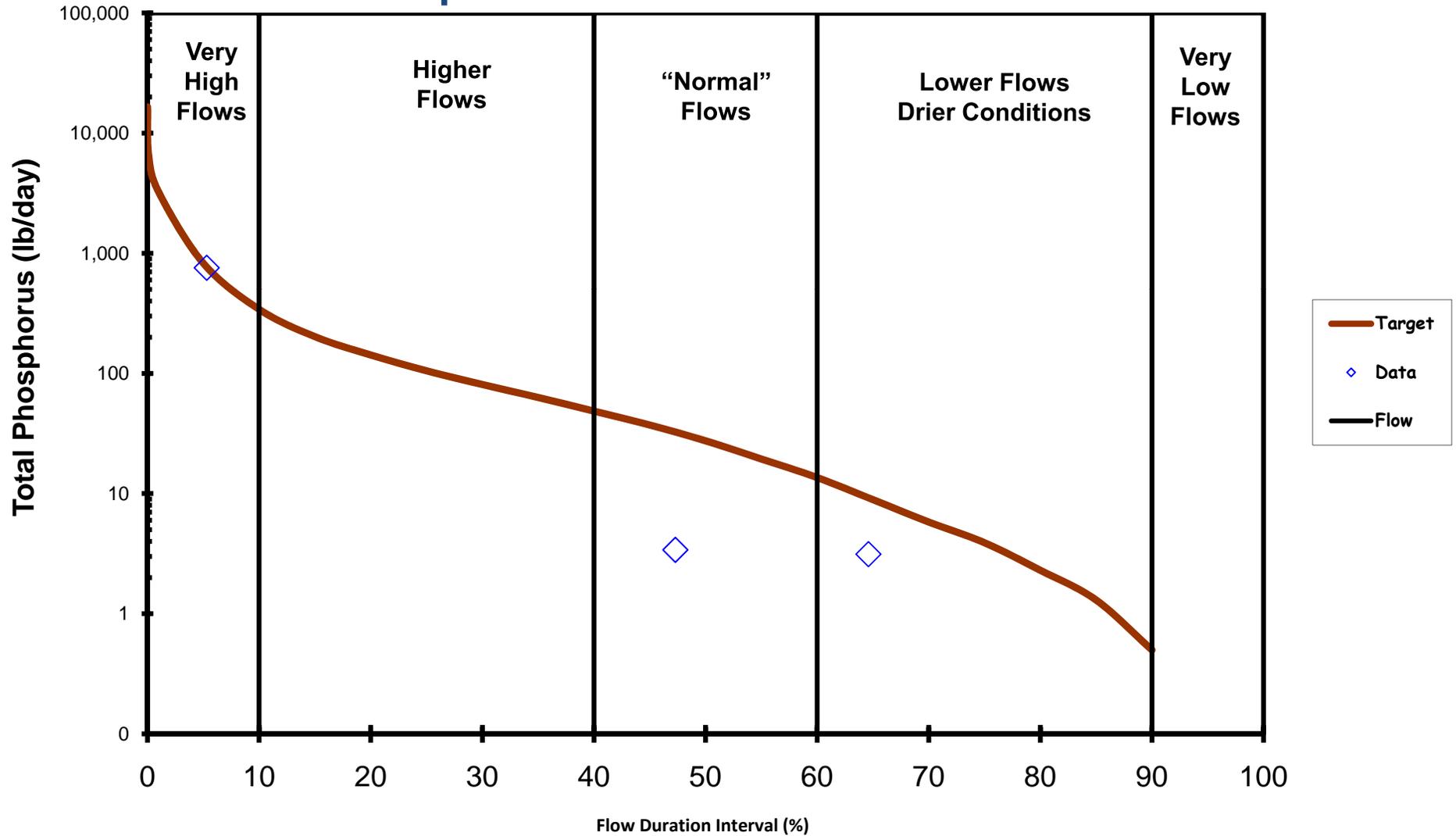
# Pigeon Creek At Cardinal Dr

## Total Phosphorous Load Duration Curve - Site: 21



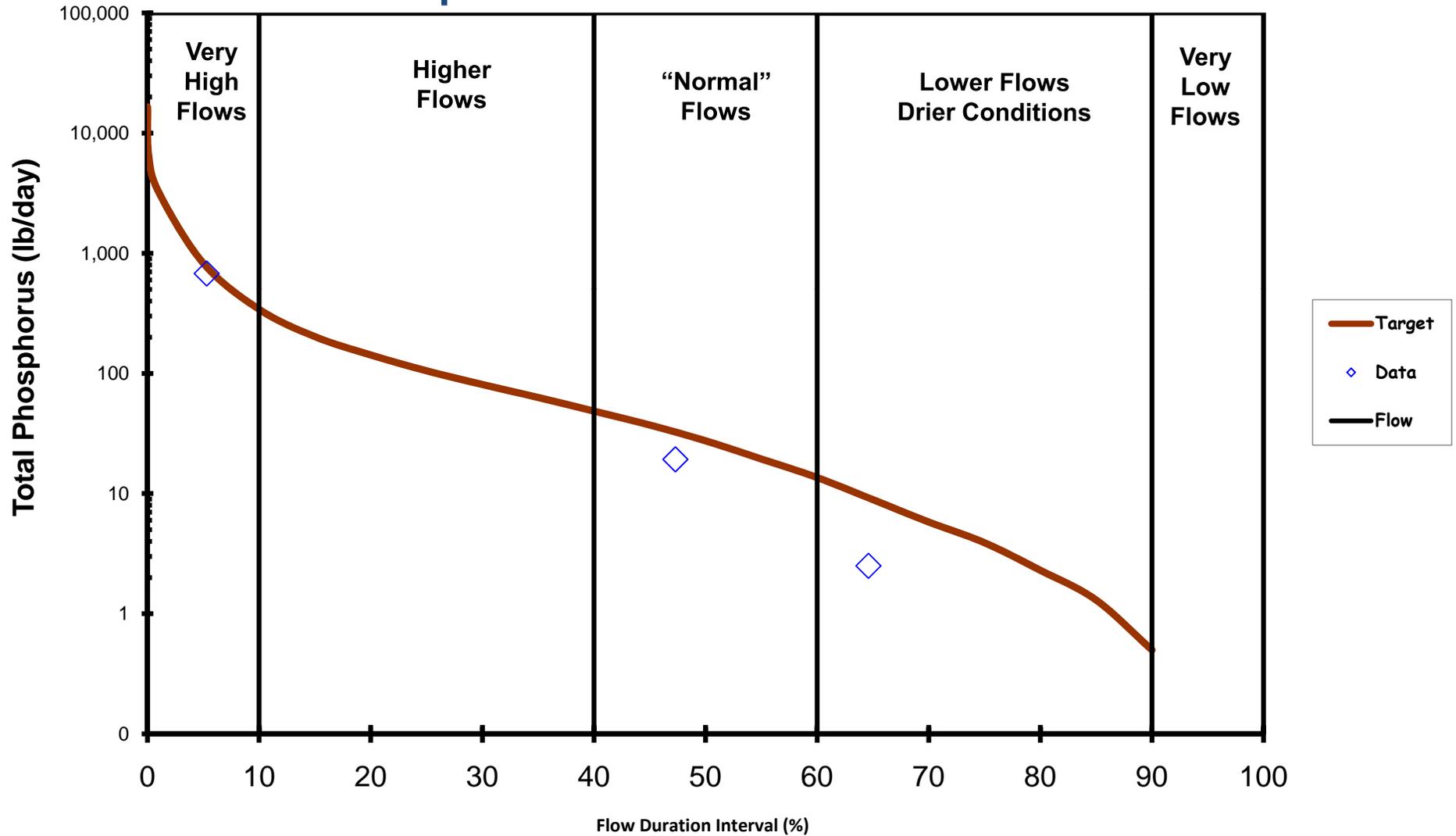
# Tributary to Bluegrass Creek At Warrick County Line Rd

## Total Phosphorous Load Duration Curve - Site: 22



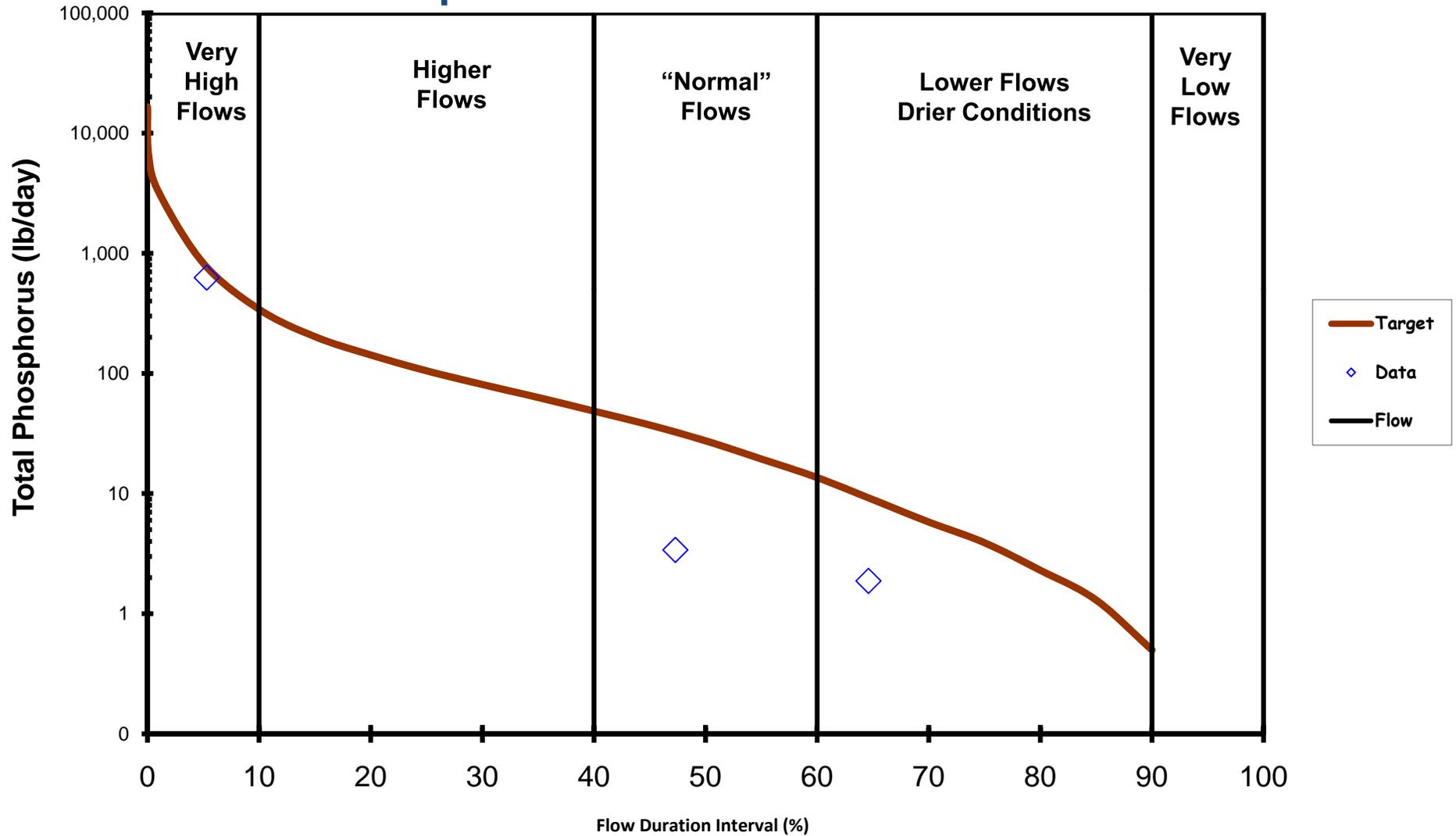
# Schlensker Ditch At Boonville New Harmony Rd

## Total Phosphorous Load Duration Curve - Site: 23



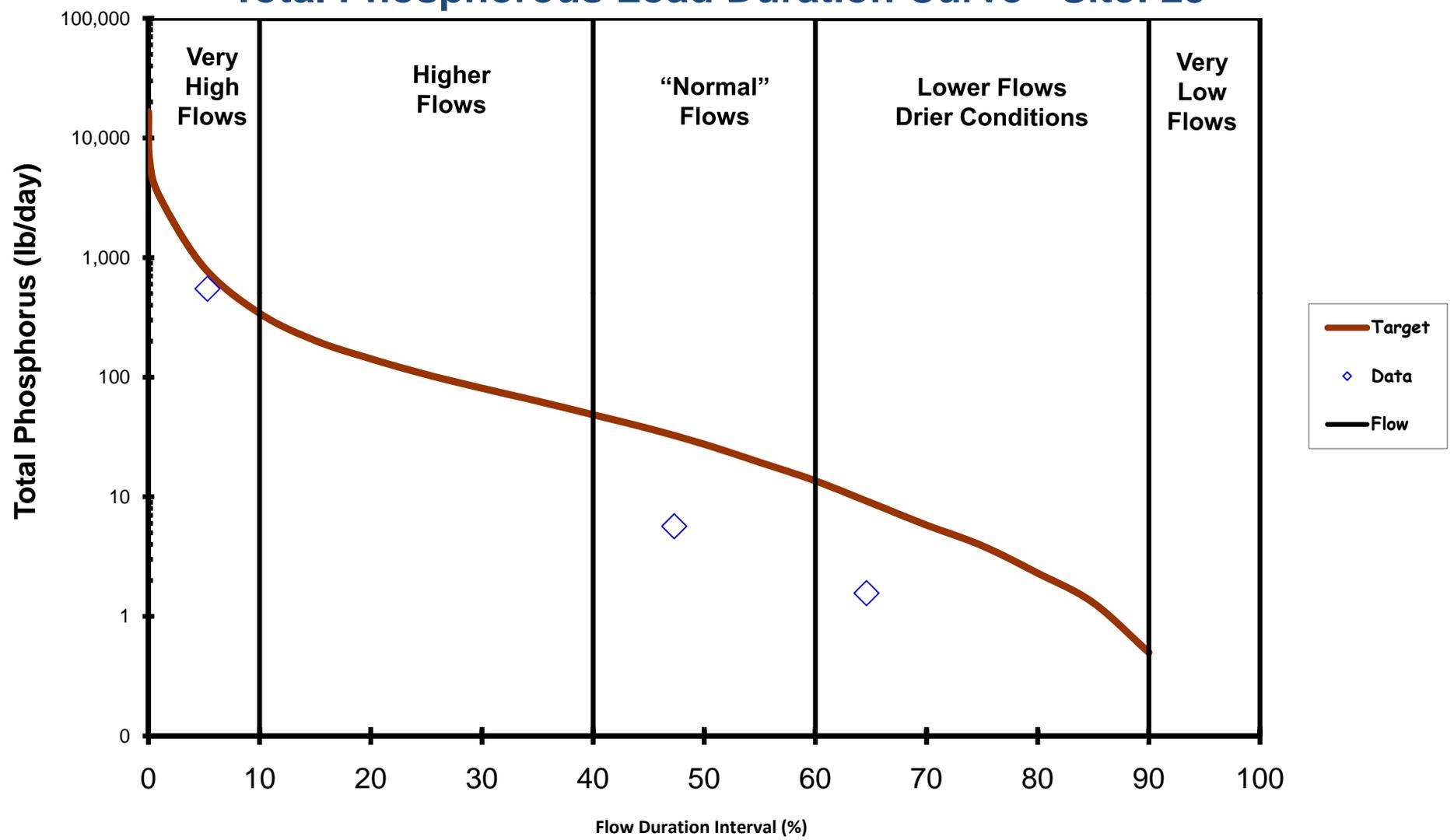
# Locust Creek At Allen Ln

## Total Phosphorous Load Duration Curve - Site: 24



# Locust Creek At Foot Bridge @ Trailer Park

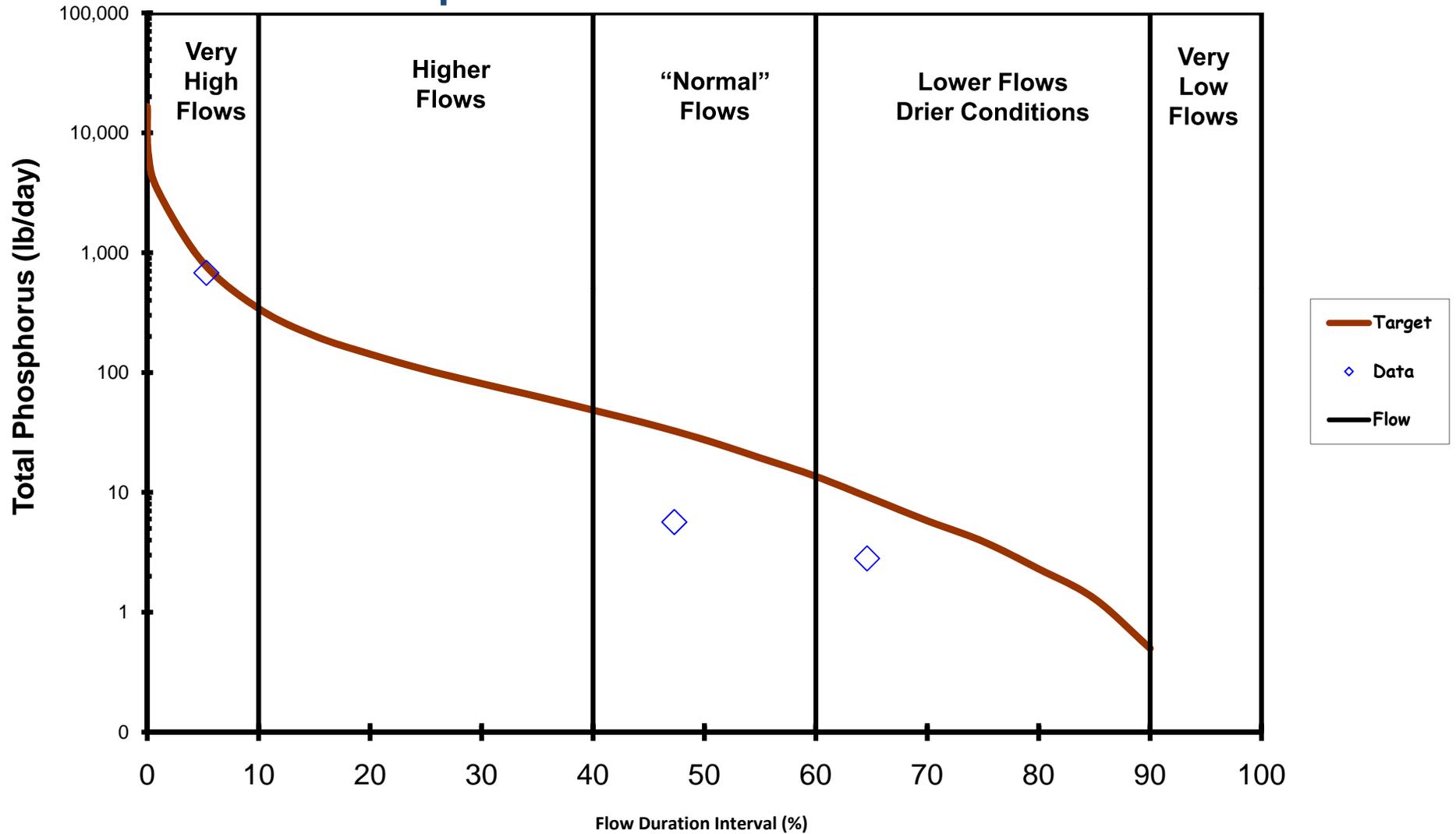
## Total Phosphorous Load Duration Curve - Site: 25



IDEM Water Quality Data & USGS Gage 03378550 Stream Flow Data  
Upstream Drainage Area is 10.13 square miles

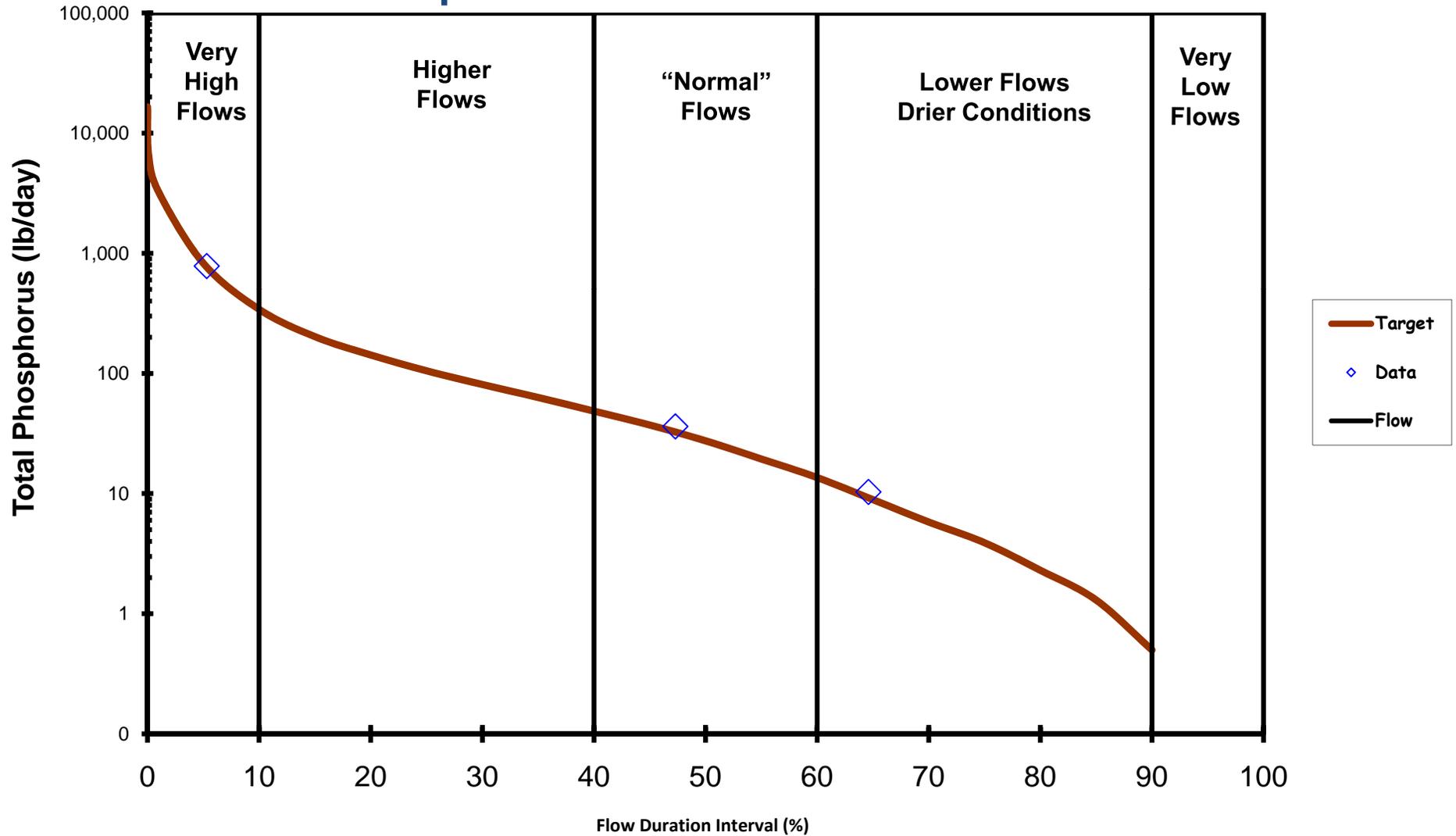
# Little Pigeon Creek Kentucky Ave

## Total Phosphorous Load Duration Curve - Site: 26



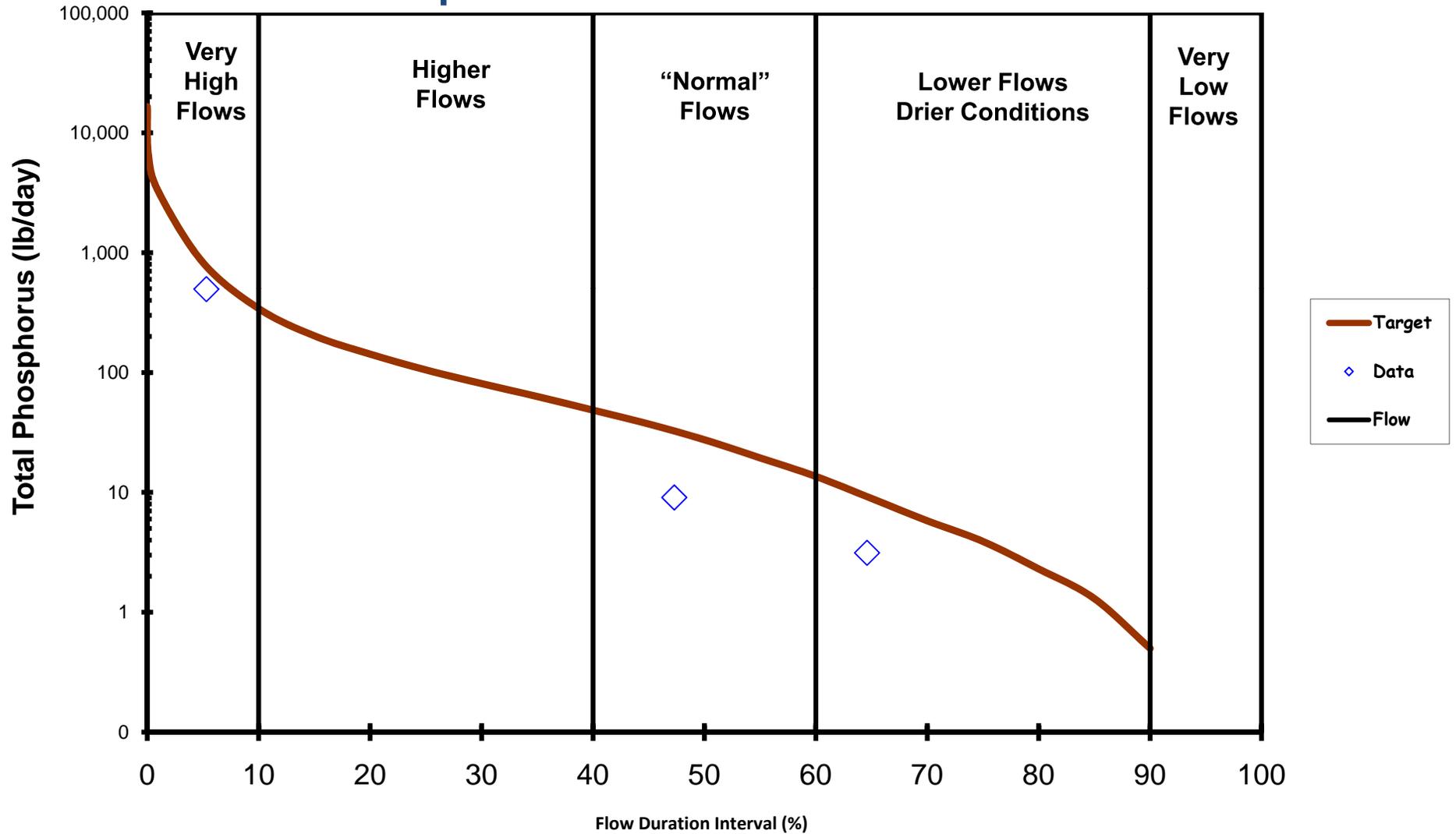
# Bluegrass Creek CR 600 N/Baseline Rd

## Total Phosphorous Load Duration Curve - Site: 27



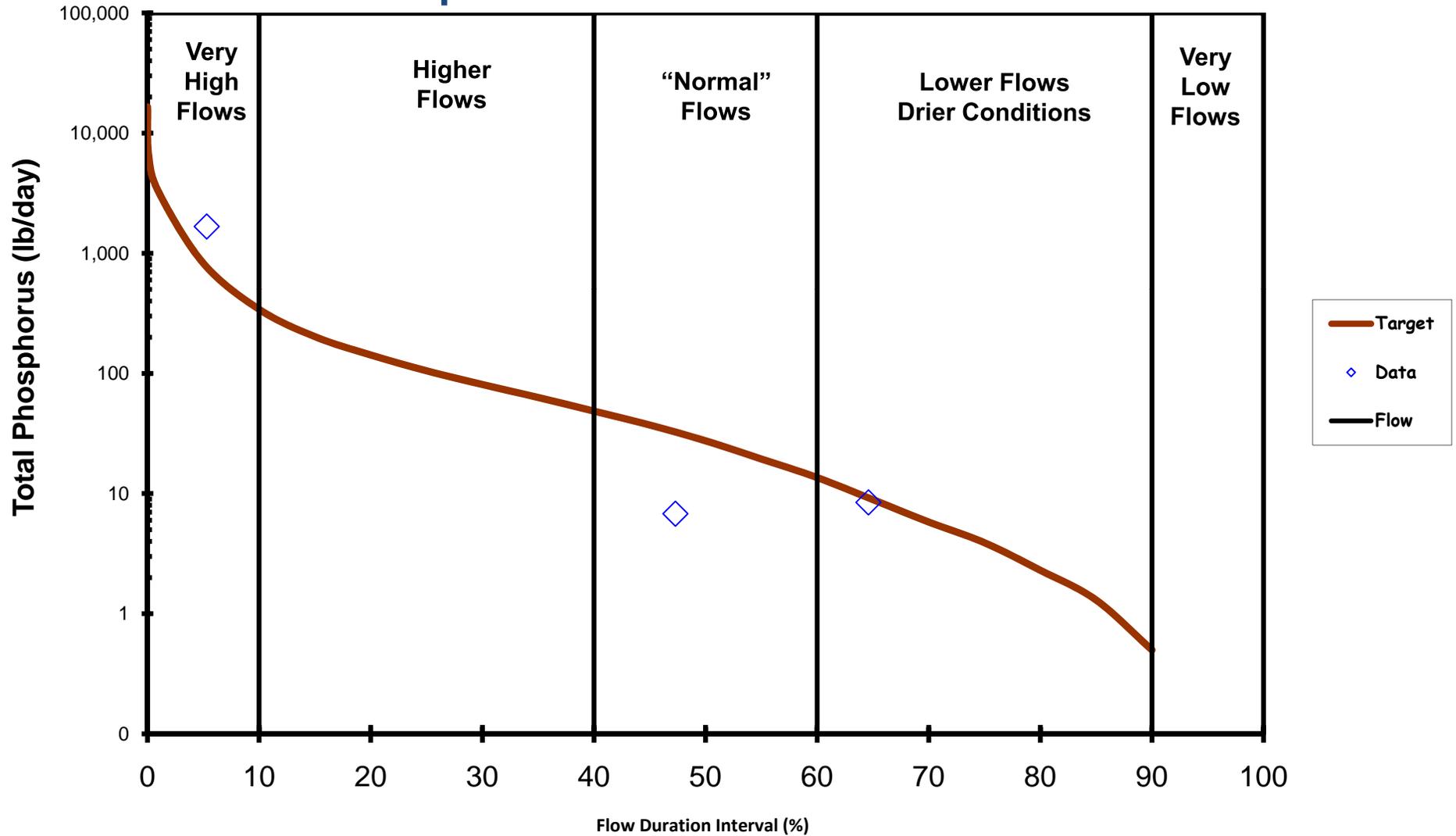
# Carpentier Creek Broadway Ave

## Total Phosphorous Load Duration Curve - Site: 28



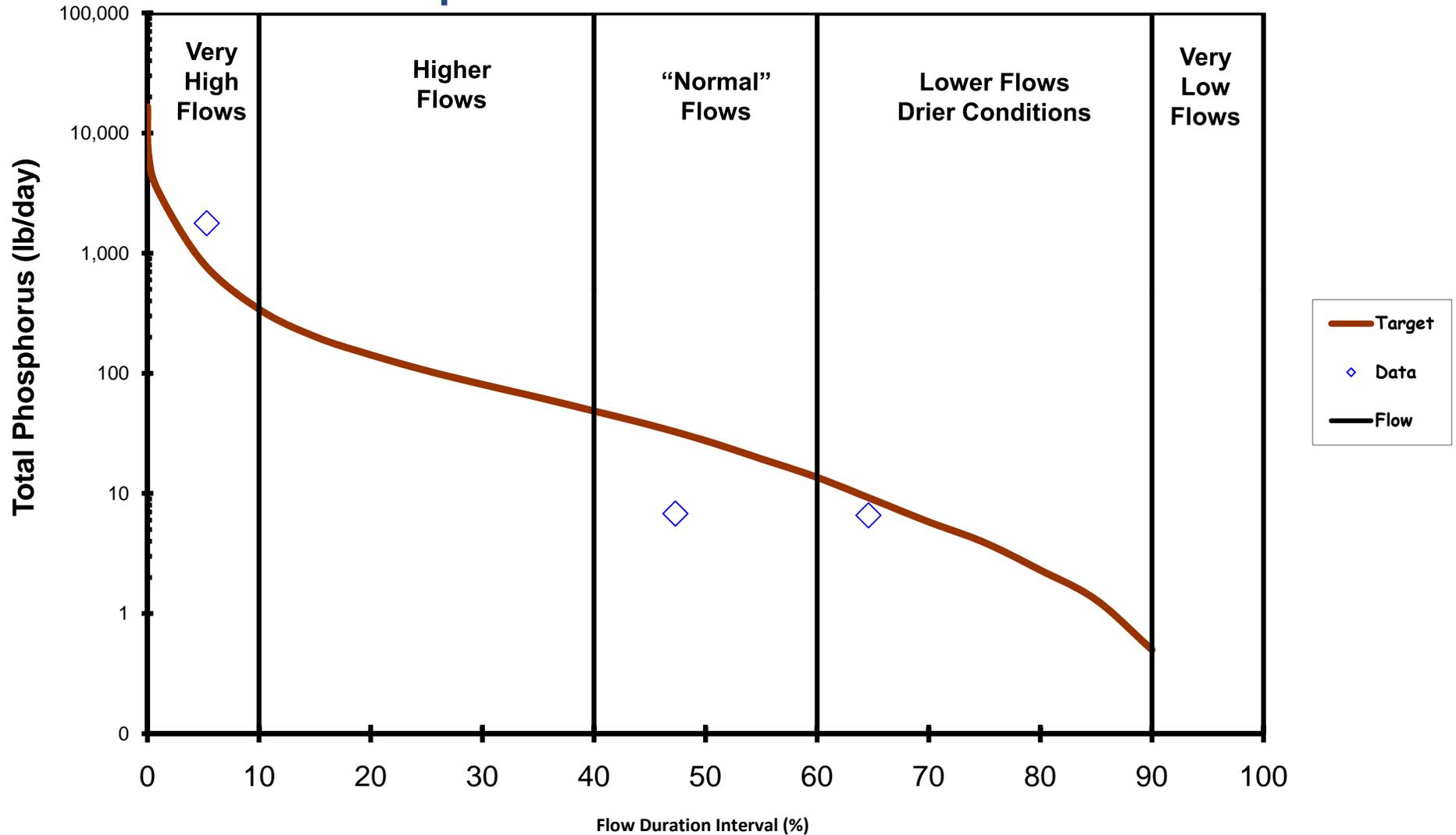
# McFadden Creek EW 570 Rd

## Total Phosphorous Load Duration Curve - Site: 29



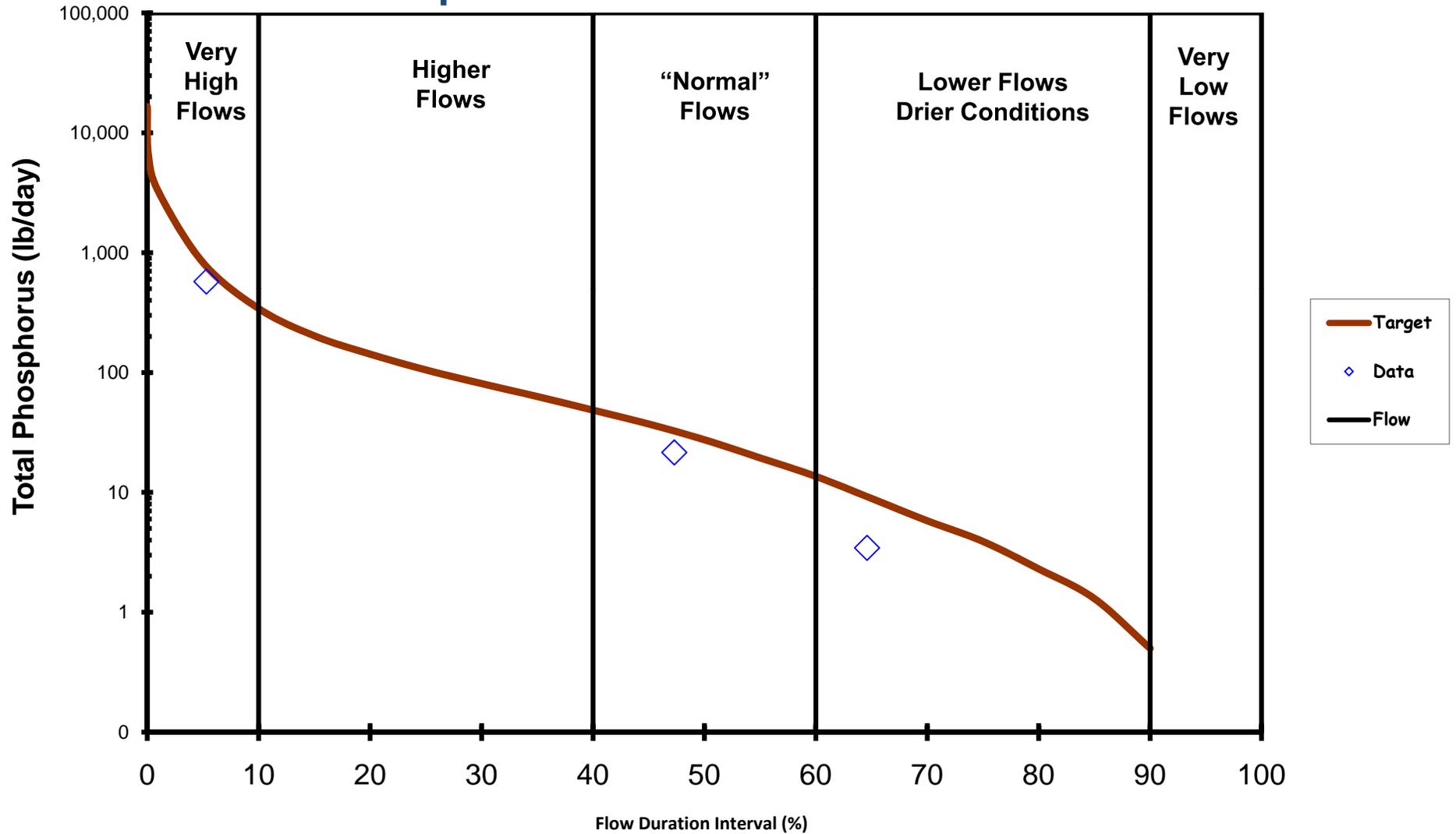
# Unnamed Tributary to Cypress Slough Indian Mound Rd

## Total Phosphorous Load Duration Curve - Site: 31



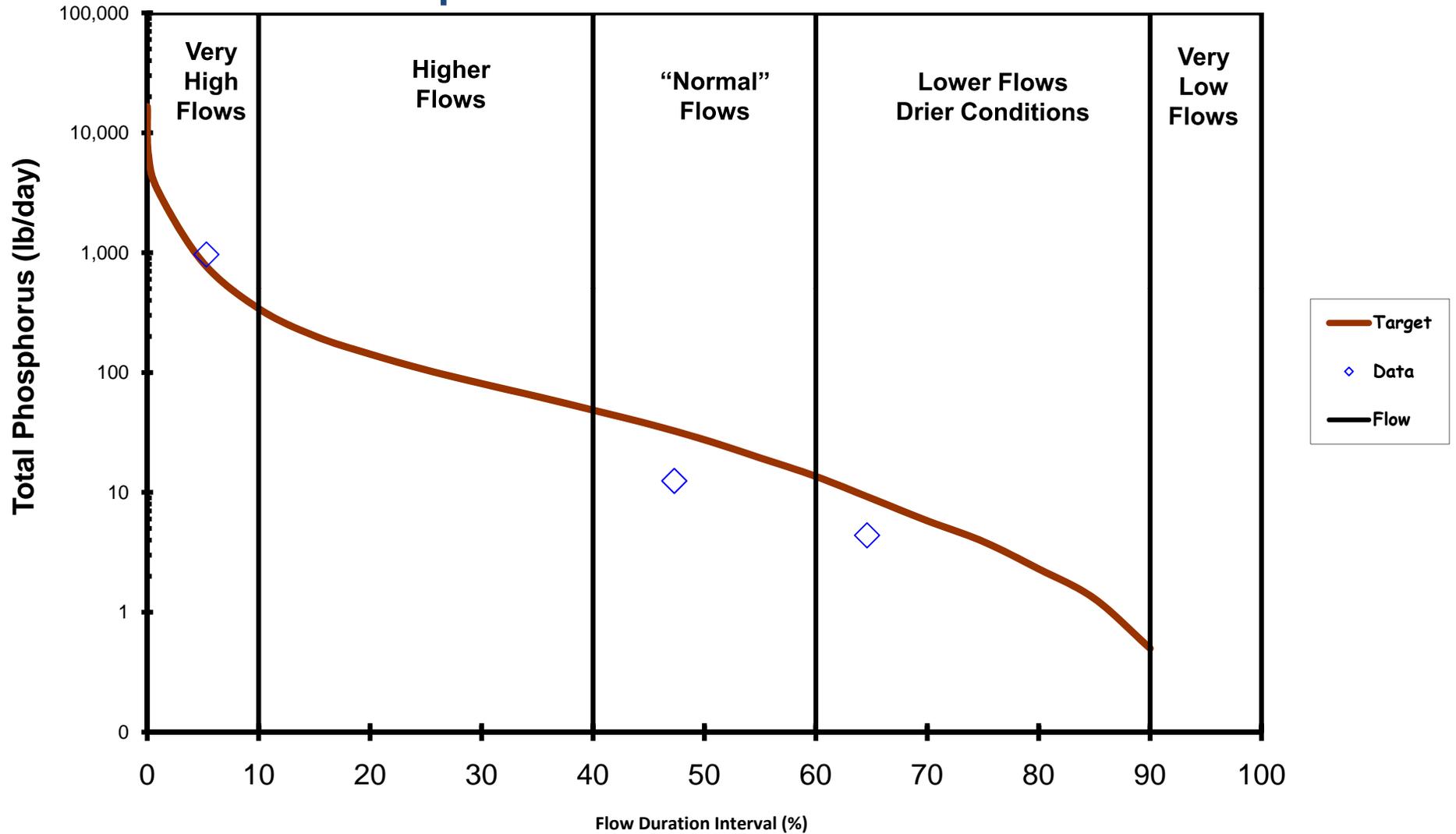
# Cypress Slough Carbon Rd

## Total Phosphorous Load Duration Curve - Site: 32



# Bayou Creek Franklin Rd

## Total Phosphorous Load Duration Curve - Site: 33



# Unnamed Tributary to Bayou Creek At Smith-Diamond Rd

## Total Phosphorous Load Duration Curve - Site: 35

