

Database Standards for Data Sharing
For Dry Weather Field Screening and
Analytical Monitoring Programs
In the San Diego Region



Database Standards for Data Sharing

Dry Weather Field Screening and Analytical Monitoring Programs in San Diego County

In order to facilitate the process of regional data sharing, each Copermitee should create a database (Access, Excel or other) containing the following data and submit it to D-MAX Engineering, Inc. via mail or e-mail at arsalan@dmxinc.com. If a data type listed below was not collected during sampling, please insert "N/A" in the column.

Site Description

- Watershed (as given in Permit Section J.2, Table 4)
- City
- Site Name or ID
- Site Location
- Latitude and Longitude
- Land Use (Industrial, Commercial, Residential, Agricultural (animal), Agricultural (plant), Parks, Open Space)
- Conveyance Type (Outfall, Manhole, Open Channel, Natural Creek or Stream)
- Conveyance Construction (Concrete, Steel, Plastic, Rock/Riprap, Natural)

Observations

- Date and Time of Sample
- Discharge estimation (ponded or cfs, gpm, gpd)
- Light conditions (Sunny, Overcast, Partly Cloudy, Cloudy)
- Odor
- Color
- Clarity
- Floatables
- Vegetation
- Biology
- Other

Field Screening Parameters

- Temperature (°C)
- pH (units)
- Turbidity (NTU)
- Conductivity (umhos or uS/cm)
- Nitrate-N (mg/L)
- Ammonia-N (mg/L)
- Orthophosphate-P (mg/L)
- MBAS (mg/L) (if measured)
- Other

Laboratory Parameters

- Total Hardness (mg/L CaCO₃)
- MBAS (mg/L)
- Oil and Grease (mg/L)
- Cadmium (mg/L)
- Copper (mg/L)
- Lead (mg/L)
- Zinc (mg/L)
- Diazinon (ug/L)
- Chlorpyrifos (ug/L)
- Total Coliform (MPN/100ml)
- Fecal Coliform (MPN/100ml)
- Enterococcus (MPN/100ml)
- Other