

Here is a list of the Legacy STORET Remark Codes, with comments on each:

Remark	Definition
A	Value reported is the mean of two or more determinations. (Handled as replicates with "Calculated" and "Mean" qualifiers)
B	Results based upon colony counts outside the acceptable range. (This is covered by a valid lab remark, "CNT". Results are stored normally.)
C	Calculated. Value stored was not measured directly, but was calculated from other data available. (Handled with the "Calculated" qualifier on the result)
D	Field measurement. Some parameter codes (e.g. 401, "Field pH") imply this condition without this remark. (Measurement activities conducted in the field are reported separately from results obtained from samples)
E	Extra sample taken in compositing process. (This is a quality assurance replicate, and reported as a separate activity)
F	In the case of species, F indicates Female sex. (Sex is a characteristic, with several permitted values including "Female")
G	Value reported is the maximum of two or more determinations. (Handled with the "Maximum" statistic type qualifier)
H	Value based on field kit determination; results may not be accurate. (Measurement activities conducted in the field are reported separately from results obtained from samples) (Procedures involving devices such as HACH kits should report specific HACH identifiers)
I	The value reported is less than the practical quantitation limit and greater than or equal to the method detection limit. (Result is stored as "Detected Below Quantification Limit", with lower quantification limit and detection limit stored separately)

J Estimated. Value shown is not a result of analytical measurement.
(Reported with the "Estimated" qualifier)

K Off-scale low. Actual value not known, but known to be less than value shown.
(Result is stored as "Not Detected", with detection limit stored separately)

L Off-scale high. Actual value not known, but known to be greater than value shown.
(Result is stored as "Detected Above Quantification Limit", with upper quantification limit stored separately)

M Presence of material verified, but not quantified.
Indicates a positive detection, at a level too low to permit accurate quantification.
In the case of temperature or oxygen reduction potential, M indicates a negative value.
In the case of species, M indicates Male sex.
(Result is stored as "Detected but not Quantified")
(Or result may be stored as "Detected Below Quantification Limit" with detection and quantification limits stored separately)
(Negative values are stored as negative numbers)
(Sex is a characteristic, with several permitted values including "Male")

N Presumptive evidence of presence of material.
(Result is stored as "Detected but not Quantified". Comments may be added.)

O Sampled for, but analysis lost. Accompanying value is not meaningful for analysis.
(Result is left "Null", and comments supplied as appropriate.)

P Too numerous to count.
(Result is stored as "Detected Above Quantification Limit", with upper quantification limit stored separately)

Q Sample held beyond normal holding time.
(This is covered by a valid lab remark, "EHT". Sample analysis date and time should be recorded.)

R Significant rain in the past 48 hours.
(Several characteristics identify meteorological conditions at or near the time of sampling)
(There is a "General Observation (text)" characteristic in which detailed descriptions of weather may be supplied)
(In version 2.0, a photograph of the monitoring site taken during the station visit may be stored in STORET)

S Laboratory test.
(Don't know what this means. Activities involving samples tested by the laboratory are labeled as such.)
(Internal results of laboratory calibration runs are NOT intended to be placed in STORET)

T Value reported is less than the criteria of detection.
(Result is stored as "Not Detected", and the detection limit is stored separately)

U Material was analyzed for, but not detected.
Value stored is the limit of detection for the process in use.
In the case of species, Undetermined sex.
(Value is stored as "Not detected", and the detection limit is stored separately)
(Sex is a characteristic, with several permitted values including "Indeterminate")

V Indicates the analyte was detected in both the sample and associated method blank.
(Results of blanks are reported as QC sampling activities, and linked to all samples to which they apply)
(This is covered by a valid lab remark, "FBK")

W Value observed is less than the lowest value reportable under remark "T".
(Result is stored as "Not detected", and the detection limit is stored separately)

X Value is quasi vertically-integrated sample.
(Sampling activity is labeled as "Integrated Vertical Profile".
Results are stored normally.)

Y Laboratory analysis from unpreserved sample.
Data may not be accurate.
(This is covered by a valid lab remark, "ISP")
(Sample preservation, transport, and storage techniques are stored as descriptions of the activity)

Z Too many colonies were present to count (TNTC), the numeric value represents the filtration volume.
(No such capability exists in modern STORET. What this meant in the legacy system is unclear.)

\$ Calculated by retrieval software.
Numerical value was neither measured nor
reported to the database, but was calculated
from other data available during generation
of the retrieval report.

(Values can be labeled as "Calculated" when entered. Retrieval
software
does not currently calculate values.)