

Appendix 6. List of analytical flag codes and descriptions for the Rocky Mountain Arsenal.

[EPA, Environmental Protection Agency; PMRMA, Program Manager Rocky Mountain Arsenal; CRL, certified reporting limit; COD, criteria of detection; USAEC, U.S. Army Environmental Center; QC, quality control; GC/MS, gas chromatography/mass spectrometry]

Flag code	Description	Active code?
#	Modified EPA or PMRMA certified method was used.	YES
1	Result less than CRL but greater than COD. (prior to July 1993)	NO
2	Ending calibration not within acceptable limits. (prior to July 1993)	NO
3	Internal standard(s) not within acceptable limits. (prior to July 1993)	NO
4	Analyte quantitated on the secondary column. (prior to July 1993)	NO
7	Low spike recovery not within control limits. (prior to July 1993)	NO
9	Non-demonstrated/validated method performed for USAEC. (prior to July 1993)	NO
@	Value is estimated.	YES
A	Analyte found in trip blank as well as in field samples.	YES
B	Analyte found in the method blank or QC blank as well as the sample.	YES
C	Analysis was confirmed. (prior to May 2002)	NO
D	Duplicate analysis.	YES
E	Field blank contains target analytes above the reporting limit.	YES
F	Sample filtered prior to analysis.	YES
G	Analyte found in rinse blank as well as field sample.	YES
H	Missed holding times.	YES
I	Sample result may be biased high or low based on QC results.	YES
J	Missed holding times. (prior to July 1993)	NO
K	Reported results are affected by interferences or high background.	YES
L	Missed holding time for analysis. (prior to July 1993)	NO
M	Duplicate (high) spike analysis not within control limits. (prior to July 1993)	NO
N	Tentatively identified compound (match greater than 70 percent). (prior to July 1993)	NO
P	Results less than CRL but greater than Criteria of Detection. (prior to 1993)	NO
Q	Surrogate recovery markedly different from historical data. (prior to 1993)	NO
R	Analyte required for reporting purposes but not currently certified.	YES
S	Result based on internal standard. (prior to May 2002)	YES
T	Analyzed for but not detected (non-GC/MS methods). (prior to May 2002)	YES
U	Analysis is unconfirmed. (prior to May 2002)	NO
V	Sample subjected to unusual storage/preservation conditions.	YES
W	Single analyte required from a multi-analyte method. (prior to May 2002)	NO
X	Analytes recovery outside of certified range but within acceptable limits.	NO
Y	Field sampling criteria were not met. (for qualitative purposes only)	YES
Z	Non-target compound analyzed for and detected (non-GC/MS methods).	NO