

NARSTO Data Flag	NARSTO Data Qualification Flag Description	Process Point	Flag Category	Supersite Detailed Flag	Acronym Derivation	Detailed Flag Description	CCAQS Flag Type Code	CCAQS Flag Type
V0	Valid value	All Process Points	All Categories	<b>NIE</b>	<b>No Issues Encountered</b>	No Problems or Issues Encountered	V0	Valid value
V0	Valid value	Data Analysis	Analysis	<b>NLC</b>	<b>Non-Listed Compound</b>	Compound Not Listed but Compound Found	V0	Valid value
V0	Valid value	Data Analysis	Analysis	<b>VCD</b>	<b>Value Confirmed</b>	Value Confirmed	V0	Valid value
V0	Valid value	Data Analysis	Calculated	<b>DAV</b>	<b>Data AVeraged</b>	Data Averaged	V0	Valid value
V0	Valid value	Field/Lab	Calibration	<b>CFC</b>	<b>Correction Factor Calibration</b>	Correction Factor, Calibration	V0	Valid value
V0	Valid value	Field/Lab	Calibration	<b>CTP</b>	<b>Correction Temp Pressure</b>	Correction Factor, Std. Temp. and Pressure	V0	Valid value
V0	Valid value	Field/Lab	Procedure	<b>WUS</b>	<b>Wrong UnitS</b>	Wrong Units	V0	Valid value
V0	Valid value	Field/Lab	QC	<b>BDQ</b>	<b>Between Detection/Quantification</b>	Between Instrument Detection and Quantification Limits	V0	Valid value
V0	Valid value	Lab	Calculated	<b>ROR</b>	<b>Recalculated Or Reprocessed</b>	Recalculated or Reprocessed	V0	Valid value
V1	Valid value but comprised wholly or partially of below-MDL data	Field/Lab	QC	<b>AND</b>	<b>Analyte Not Detected</b>	Analyte Not Detected	V1	Valid value but comprised wholly or partially of below-MDL data
V1	Valid value but comprised wholly or partially of below-MDL data	Field/Lab	QC	<b>BDD</b>	<b>Below Daily Detection</b>	Daily Detection Limit, Less than	V1	Valid value but comprised wholly or partially of below-MDL data
V1	Valid value but comprised wholly or partially of below-MDL data	Field/Lab	QC	<b>BID</b>	<b>Below Instrument Detection</b>	Instrument Detection Limit, Less than	V1	Valid value but comprised wholly or partially of below-MDL data
V1	Valid value but comprised wholly or partially of below-MDL data	Field/Lab	QC	<b>BMD</b>	<b>Below Method Detection</b>	Method Detection Limit, Less than	V1	Valid value but comprised wholly or partially of below-MDL data
V1	Valid value but comprised wholly or partially of below-MDL data	Field/Lab	QC	<b>BSA</b>	<b>Below SAmples Detection</b>	Sample-Specific Detection Limit, Less than	V1	Valid value but comprised wholly or partially of below-MDL data
V1	Valid value but comprised wholly or partially of below-MDL data	Field/Lab	QC	<b>BSY</b>	<b>Below SYstem Detection</b>	System Detection Limit, Less than	V1	Valid value but comprised wholly or partially of below-MDL data
V1	Valid value but comprised wholly or partially of below-MDL data	Field/Lab	QC	<b>OBS</b>	<b>Operation Beyond Scale</b>	Value Not Confirmed, Operation Beyond Scale Setting	V1	Valid value but comprised wholly or partially of below-MDL data

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V2	Valid estimated value	Data Analysis	Calculated	<b>NCS</b>	<b>No Calibration Standard</b>	Estimated Value, No Calibration Standard	V2	Valid estimated value
V2	Valid estimated value	Data Analysis	Calculated	<b>OLP</b>	<b>Outside Limit of Precision</b>	Estimated Value, Outside Limit of Precision	V2	Valid estimated value
V3	Valid interpolated value	Data Analysis	Calculated	<b>ITV</b>	<b>InTerpolated Value</b>	Interpolated Value	V2	Valid estimated value
V2	Valid estimated value	Field	QC	<b>AOR</b>	<b>Above Operating Range</b>	Operating Range, Greater than	V2	Valid estimated value
V2	Valid estimated value	Field	QC	<b>BOR</b>	<b>Below Operating Range</b>	Operating Range, Less than	V2	Valid estimated value
V2	Valid estimated value	Field	QC	<b>MOL</b>	<b>Mass Outside Limits</b>	Fraction of Total Mass, Out of Acceptable Limits	V2	Valid estimated value
V2	Valid estimated value	Field/Lab	Analysis	<b>ALM</b>	<b>ALternate Method</b>	Alternate Method	V2	Valid estimated value
V2	Valid estimated value	Field/Lab	QC	<b>OOR</b>	<b>Outside Operating Range</b>	Operating Range, Not within	V2	Valid estimated value
V2	Valid estimated value	Lab	Analysis	<b>RSL</b>	<b>ReSLoped</b>	Resloped	V1	Valid value but comprised wholly or partially of below-MDL data
V2	Valid estimated value	Lab	Analysis	<b>VNC</b>	<b>Value Not Confirmed</b>	Value Not Confirmed	V2	Valid estimated value
V4	Valid value despite failing to meet some QC or statistical criteria	Data Analysis	Calculated	<b>UHA</b>	<b>Unacceptable Hourly Average</b>	Time Period Average with less than 75% of possible data points	S	Suspect value
V5	Valid value but qualified because of possible contamination	Field	Procedure	<b>WRC</b>	<b>Weather Related Contamination</b>	Weather Related Contamination	S	Suspect value
V6	Valid value but qualified due to non-standard sampling conditions	Field	Procedure	<b>WTO</b>	<b>Wrong Times/Oversampled</b>	Wrong Times, Oversampled	S	Suspect value
V6	Valid value but qualified due to non-standard sampling conditions	Field	Procedure	<b>WTU</b>	<b>Wrong Times/Undersampled</b>	Wrong Times, Undersampled	S	Suspect value
V4	Valid value despite failing to meet some QC or statistical criteria	Field	QC	<b>FDF</b>	<b>Field Duplicated Failed</b>	Field Duplicate, Failed	S	Suspect value
V4	Valid value despite failing to meet some QC or statistical criteria	Field	QC	<b>FRS</b>	<b>Flow Rate Suspect</b>	Flow Rate, Problem or Suspect	S	Suspect value



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V4	Valid value despite failing to meet some QC or statistical criteria	Field	QC	<b>VSF</b>	<b>V</b> erification <b>S</b> olution <b>F</b> ailed	Lab Calibration Verification Solution, Failed	S	Suspect value
V5	Valid value but qualified because of possible contamination	Field/Lab	Procedure	<b>SCN</b>	<b>S</b> uspected <b>C</b> ontamination <b>N</b>	Suspected Contamination, Lab Analysis or Field	S	Suspect value
V4	Valid value despite failing to meet some QC or statistical criteria	Field/Lab	QC	<b>BSF</b>	<b>B</b> lank <b>S</b> ample <b>F</b> ailed	Blank Sample, Failed	S	Suspect value
V4	Valid value despite failing to meet some QC or statistical criteria	Field/Lab	QC	<b>CSF</b>	<b>C</b> alibration <b>S</b> ample <b>F</b> ailed	Calibration Sample, Failed	S	Suspect value
V4	Valid value despite failing to meet some QC or statistical criteria	Field/Lab	QC	<b>DCF</b>	<b>D</b> rift <b>C</b> heck <b>F</b> ailed	Drift Check, Failed	S	Suspect value
V4	Valid value despite failing to meet some QC or statistical criteria	Field/Lab	QC	<b>ISF</b>	<b>I</b> nternal <b>S</b> tandard <b>F</b> ailed	Internal Standard, Failed	S	Suspect value
V4	Valid value despite failing to meet some QC or statistical criteria	Field/Lab	QC	<b>LBH</b>	<b>L</b> ikely <b>B</b> iased <b>H</b> igh	Likely Biased High	S	Suspect value
V4	Valid value despite failing to meet some QC or statistical criteria	Field/Lab	QC	<b>LBL</b>	<b>L</b> ikely <b>B</b> iased <b>L</b> ow	Likely Biased Low	S	Suspect value
V4	Valid value despite failing to meet some QC or statistical criteria	Field/Lab	QC	<b>LCF</b>	<b>L</b> inearity <b>C</b> heck <b>F</b> ailed	Linearity Check, Failed	S	Suspect value
V4	Valid value despite failing to meet some QC or statistical criteria	Field/Lab	QC	<b>PCF</b>	<b>P</b> erformance <b>C</b> heck <b>F</b> ailed	Performance Check, Failed	S	Suspect value
V4	Valid value despite failing to meet some QC or statistical criteria	Field/Lab	QC	<b>RMD</b>	<b>R</b> eplicate <b>M</b> easurements <b>D</b> isagree	Replicate Measurements Disagree	S	Suspect value
V4	Valid value despite failing to meet some QC or statistical criteria	Field/Lab	QC	<b>RMF</b>	<b>R</b> eference <b>M</b> aterial <b>F</b> ailed	Reference Material, Failed	S	Suspect value
V4	Valid value despite failing to meet some QC or statistical criteria	Field/Lab	QC	<b>RMI</b>	<b>R</b> eference <b>M</b> easurement <b>I</b> nconsistent	Reference Method Measurement, Inconsistent	S	Suspect value



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V4	Valid value despite failing to meet some QC or statistical criteria	Field/Lab	QC	<b>SRF</b>	<b>Standard Reference Failed</b>	Standard Reference Material, Failed	S	Suspect value
V6	Valid value but qualified due to non-standard sampling conditions	Field/Lab	Sampling	<b>PSO</b>	<b>Partial Sample Overloaded</b>	Partial Sample, Due to Overload	S	Suspect value
V6	Valid value but qualified due to non-standard sampling conditions	Handling	Procedure	<b>COC</b>	<b>Chain Of Custody</b>	Chain-of-Custody Evidence Trail Broken or Lost	S	Suspect value
V6	Valid value but qualified due to non-standard sampling conditions	Handling	Procedure	<b>DNL</b>	<b>Damaged/Not Lost</b>	Sample Container Damaged, No Sample Lost	S	Suspect value
V6	Valid value but qualified due to non-standard sampling conditions	Handling	Procedure	<b>DSL</b>	<b>Damaged/Sample Lost</b>	Sample Container Damaged, Sample Lost	S	Suspect value
V6	Valid value but qualified due to non-standard sampling conditions	Handling	Procedure	<b>EHT</b>	<b>Exceeded Holding Time</b>	Exceeded Holding Time	S	Suspect value
V6	Valid value but qualified due to non-standard sampling conditions	Handling	Procedure	<b>ISP</b>	<b>Improper Sample Preservation</b>	Improper Sample Preservation	S	Suspect value
V6	Valid value but qualified due to non-standard sampling conditions	Lab	Procedure	<b>ILG</b>	<b>Illegible/Guess</b>	Illegible Paperwork or Mislabeled, Made Guess	S	Suspect value
V4	Valid value despite failing to meet some QC or statistical criteria	Lab	QC	<b>LDF</b>	<b>Lab Duplicate Failed</b>	Lab Duplicate, Failed	S	Suspect value



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M1	Missing value because no value is available	Data Analysis	Analysis	ANC	ANalysis Canceled	No Result Reported, Analysis Canceled	M	Missing value
M1	Missing value because no value is available	Data Analysis	Analysis	NAL	Not Analyzed/Listed	Compound Not Analyzed but Compound Listed	M	Missing value
M1	Missing value because no value is available	Data Analysis	QC	NRI	Nothing Reported - Interference	No Result Reported, Interference	M	Missing value
M1	Missing value because no value is available	Field	Instrument	OEL	Operator Error Loading	Sample Loading, Operator Error	M	Missing value
M1	Missing value because no value is available	Field	Instrument	SAM	Sampler Malfunction	Sampler Malfunction	M	Missing value
M1	Missing value because no value is available	Field	Instrument	SAU	Site Access Unavailable	Site Access, Unavailable	M	Missing value
M1	Missing value because no value is available	Field	Instrument	SHP	SHipment Problems	Shipment Problems	M	Missing value
M1	Missing value because no value is available	Field	Instrument	SIS	Safety Issues	Safety Issues	M	Missing value
M1	Missing value because no value is available	Field	Instrument	SNA	Sampler Not Activated	Sampler Not Activated	M	Missing value
M1	Missing value because no value is available	Field	Procedure	EER	Entry Error	No Result Reported, Entry Error	M	Missing value
M1	Missing value because no value is available	Field	Procedure	FAC	Field Accident	No Result Reported, Field Accident	M	Missing value
M1	Missing value because no value is available	Field	Procedure	WDY	Wrong Day	Wrong Day	M	Missing value
M1	Missing value because no value is available	Field/Lab	Instrument	INF	Instrument Failure	Instrument Failure	M	Missing value
M1	Missing value because no value is available	Field/Lab	Instrument	NSQ	Not Sufficient Quantity	No Result Reported, Insufficient Quantity of Sample	M	Missing value
M1	Missing value because no value is available	Field/Lab	Instrument	VAN	VANDalism	Vandalism	M	Missing value
M1	Missing value because no value is available	Field/Lab	Procedure	ILP	Illegible Label Paperwork	Illegible Label or Paperwork	M	Missing value
M1	Missing value because no value is available	Field/Lab	Procedure	ZME	Zero Mode	Zero Mode	M	Missing value



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M2	Missing value because invalidated by Data Originator	Data Analysis	QC	<b>OSR</b>	<b>Off-Scale Reading</b>	Off-Scale Reading	I	Invalid value
M2	Missing value because invalidated by Data Originator	Data Analysis	QC	<b>VCH</b>	<b>Value Change High</b>	Value Change Too High, Above Physical Limit	I	Invalid value
M2	Missing value because invalidated by Data Originator	Data Analysis	QC	<b>VTH</b>	<b>Value Too High</b>	Value Too High, Above Physical Limit	I	Invalid value
M2	Missing value because invalidated by Data Originator	Field	Instrument	<b>EMM</b>	<b>Electrical or Mechanical Malfunction</b>	Problem, Electrical or Mechanical Malfunction	I	Invalid value
M2	Missing value because invalidated by Data Originator	Field	Instrument	<b>IAS</b>	<b>Invalid Air Sample</b>	Invalid, Air Sample	I	Invalid value
M2	Missing value because invalidated by Data Originator	Field	Procedure	<b>CSU</b>	<b>Contamination Source Unknown</b>	Known Contamination, Source Unknown	I	Invalid value
M2	Missing value because invalidated by Data Originator	Field	Procedure	<b>WFR</b>	<b>Wrong Filter</b>	Wrong Filter	I	Invalid value
M2	Missing value because invalidated by Data Originator	Field	Sampling	<b>NRE</b>	<b>Not Representative</b>	Not Representative	I	Invalid value
M2	Missing value because invalidated by Data Originator	Field/Lab	Calibration	<b>CFB</b>	<b>Correction Factor Blank</b>	Correction Factor, Blank	I	Invalid value
M2	Missing value because invalidated by Data Originator	Field/Lab	QC	<b>QSF</b>	<b>QC Samples Failed</b>	Multiple QC Samples, Failed	I	Invalid value

