

## TECHNOLOGY QUICK REFERENCE SHEET

[ENTER Project Name HERE]

<b>Technology Name:</b> [ENTER TECHNOLOGY NAME HERE]			
<b>Summary of Project-Specific Performance Information</b> [DO NOT ADD ADDITIONAL TEXT HERE]			
<b>Project Role:</b> [For what project decisions were the data from this technology used? Ex: locate hotspots, chase plume, monitor remedial technology performance, regulatory compliance, risk data, etc.]		<b>Analytical Information Provided:</b> [List target analytes or analyte class actually reported; the reporting limits used for each analyte; and the matrices actually analyzed. Also, report how the data were “crunched” or utilized (For example, were the data used to generate contaminant maps? Were the field data crunched statistically? Was a statistic, such as an average or median, compared to action levels to make project decisions, or were individual data points compared to an action level, etc.?)]	
<b>Total Cost:</b> [Total cost for generating data using this equipment, including QC—can be approximated/rounded]		<b>Cost Per Sample:</b> [Total cost divided by the number of samples analyzed—if appropriate]	
<b>Project Cost Breakdown</b> [DO NOT ADD ADDITIONAL TEXT HERE]			
<b>Instrument Cost:</b> [cost if purchased or rented; specify which]	<b>Consumables Cost:</b> [reagents, tubes, etc.; may be expressed per unit, such as per kit, etc.]	<b>Labor Cost:</b> [cost of operator; may be expressed per unit, such as per day, etc.]	<b>Waste Disposal Cost:</b> [especially if there any special or unusual disposal fees]
<b>Site-Specific Bias/Precision Achieved:</b> [ <i>This section documents that the data generated were of known quality. From the QC data for this particular project, first provide:</i> <ul style="list-style-type: none"> <li>an estimate of the field method bias (e.g., from matrix spike recoveries, LCS results, PE sample results comparison with fixed lab splits, etc.), and</li> <li>an estimate of the field method precision (e.g., from LCS precision, PE sample results, analytical dups, field sample dups, matrix spike dups, etc.).</li> </ul> <p>Then, list each performed QC check or QC parameter. Specify the project-specific role that each QC parameter fulfilled (i.e., report the information it provided), and report the specific values obtained for each during the course of project implementation (note that this information should have been specified in the project-specific QAPP during project planning). When reporting the values for each QC parameter, report 1) the range of values obtained, 2) the mean and/or median value for that range, and 3) the number of QC results comprising that range of values. (Note: If split-sample comparisons with a fixed lab method are reported, also specify what the fixed lab method was.) Document how any analytical interferences relevant to the interpretation of this project’s data were controlled for.</p> <p>If the project-specific QA/QC procedures were inadequate to establish that the data were of known and documented quality, explain how the data were used, and why that data use was acceptable in the context of this project.]</p>			<b>Throughput Achieved:</b> [Number of samples/unit time and/or per operator]
<b>General Commercial Information (Information valid as of [insert date])</b> [DO NOT ADD MORE TEXT]			
<b>Vendor Contact:</b> [name and phone/e-mail of a specific person or technical contact at the vendor, if any]	<b>Vendor Information:</b> [technology vendor name, address, phone, website, etc.]	<b>Limitations on Performance:</b> [Logistical or technical issues to be aware of when planning to use the technology; sample prep or extraction equipment required]	
<b>Availability/Rates:</b> [generally quoted rates]	<b>Principle of Analytical Operation:</b> [in general terms]	<b>Power Requirements:</b> [Battery-operated? Plugs in? Voltage requirements?]	<b>Instrument Weight and/or Footprint:</b> [size and weight]
<b>General Performance Information</b> [DO NOT ADD TEXT HERE]			
<b>Known or Potential Interferences:</b> [usually listed in package insert or other instrument/method operating information]			
<b>Applicable Media/Matrices:</b> [all potential—even if not analyzed in this project]	<b>Analytes Measurable with Expected Detection Limits:</b> [full range of potential analytes the instrument is capable of measuring, with optimal or generic DLs—even if not examined or achieved in this project.]	<b>Other General Accuracy/Precision Information:</b> [May be from vendor claims, EPA SITE or ETV evaluation reports, SW-846 or other method performance data. Do not report this project’s analytical performance here.]	
<b>Wastes Generated Requiring Special Disposal:</b>		<b>Rate of Throughput:</b> [Under optimal, expected or generic conditions. Do not report the throughput specific to this project in this space.]	