

Summary Statistics: Comparing Manual Vs. Electronic Data Collection

Task	Old Workflow	New Workflow	Savings
Transcription time	20 hours	Eliminated	20 hours / \$1,700
QC of field forms	8 hours	Eliminated	8 hours / \$680
Errors due to miscalculations, transcription or missing information	20-30%	Eliminated	Risk/liability reduction
Photo log	9 hours	~30 minutes	~8.5 hours / \$720
Field time	10 days	~9.5 days	~0.5 days / \$2,125
TOTAL			~7 days / \$5,225

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A mobile data collection workflow was implemented at a former chemical manufacturing facility with a long standing groundwater monitoring program. A comparison of effort related to the collection and processing of field data yielded the above statistics.



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