DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE
SUMMARY QUESTIONNAIRE

Laboratory Name : **Alliance Technical Group LLC**   Client : **JACOBS Engineering Group, Inc.**

Project Location : **Princeton Junction**   Project Number : **D4033126**

Laboratory Sample ID(s) : **Q3756**   Sampling Date(s) : **12/02/2025**

List DKQP Methods Used (e.g., 8260,8270, et Cetra)   **8260D,8270-Modified,SFAM_VOCSIM,SOP**

#	Question	Response
1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the NJDEP Data of Known Quality performance standards?	☑ Yes ☐ No
1A	Were the method specified handling, preservation, and holding time requirements met?	☑ Yes ☐ No
1B	EPH Method: Was the EPH method conducted without significant modifications (see Section 11.3 of respective DKQ methods)	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (4±2° C)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?	☐ Yes ☑ No
5	a)Were reporting limits specified or referenced on the chain-of-custody or communicated to the laboratory prior to sample receipt?	☑ Yes ☐ No
	b)Were these reporting limits met?	☑ Yes ☐ No ☐ N/A
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the DKQP documents and/or site-specific QAPP?	☑ Yes ☐ No
7	Are project-specific matrix spikes and/or laboratory duplicates included in this data set?	☑ Yes ☐ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information should be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Data of Known Quality."

Cover Page

Order ID :   Q3756

Project ID :   Former Schlumberger STC PTC Site D3868221

Client :   JACOBS Engineering Group, Inc.

Lab Sample Number	Client Sample Number
Q3756-01	OW-04B-26.5-120225
Q3756-02	OW-04B-26.5-120225-SIM
Q3756-03	BR-01-190-120225
Q3756-04	BR-01-190-120225-SIM
Q3756-05	MW-04-12-120225
Q3756-06	MW-04-12-120225-SIM
Q3756-07	MW-13B-47.5-120225
Q3756-08	MW-13B-47.5-120225-SIM
Q3756-09	EB01-120225
Q3756-10	TB01-120225
Q3756-12	VHBLK001

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature :   _____

Date: 12/13/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

JACOBS Engineering Group, Inc.
Project Name: Former Schlumberger STC PTC Site D3868221
Project # N/A
Order ID # Q3756
Test Name: VOCMS Group3,VOC-SIM,SVOC-SIMGroup1

A. Number of Samples and Date of Receipt:
11 Water samples were received on 12/02/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: VOCMS Group3,VOC-SIM,SVOC-SIMGroup1. This data package contains results for VOCMS Group3(8260-Low),VOC-SIM(SFAM_VOCSIM),SVOC-SIMGroup1(8270-Modified).

C. Analytical Techniques:
VOCMS Group3 : The analysis performed on instrument MSVOA_N were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868.The analysis of VOCMS Group3 was based on method 8260-Low.

VOC-SIM : The analysis performed on instrument MSVOA_V were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UI. The analysis of VOC-SIM was based on method SFAM_VOCSIM.

SVOC-SIMGroup1 : The samples were analyzed on instrument BNA_N using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGA. The analysis of SVOC-SIMGroup1 was based on method 8270-Modified and extraction was done based on method 3510.

D. QA/ QC Samples:
The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis except following
VOCMS Group3 : TB01-120225 - [1,2-Dichloroethane-d4 - 131%] this compound did not meet the NJDKQP criteria and in-house criteria, while TB01-120225RE [Toluene-d8 - 84%] this compound did not meet the in-house criteria but met the NJDKQP criteria, sample was reanalyzed to confirm the failure and reported.

VOC-SIM : OW-04B-26.5-120225-SIM [1,1,2,2-Tetrachloroethane-d2 - 134%] and OW-04B-26.5-120225-SIMRE [1,1,2,2-Tetrachloroethane-d2 - 159%] sample was reanalyzed to confirm the failure and reported.

The Internal Standards Areas were met for all analysis except following VOC-SIM :
OW-04B-26.5-120225-SIMRE sample was reanalyzed to confirm the failure and
reported.

The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds.
The MSD recoveries met the acceptable requirements.
The RPD recoveries met criteria.
The Blank Spike met requirements for all compounds. The Blank Spike Duplicate met
requirements for all compounds.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.

The Continuous Calibration met the requirements except following
VOCMS Group3 : The Continuous Calibration File ID VN088437.D met the
requirements except for 1,2-Dichloroethane is failing high but no positive hit in associate
sample therefore no corrective action taken.

The Tuning criteria met requirements.

SVOC-SIMGroup1 : Sample BR-01-190-120225 was diluted due to high concentration.

E. Additional Comments:

SEMI-VOA : The Form 6 is not included in the data package because the Initial
Calibration was performed using 7 points.

VOC-SIM : The SIM analysis is not required for the sample BR-01-190-120225-SIM as
all the SIM target analytes are detected at or above the sample adjusted CRQLs in the full
scan analysis, a SIM analysis is not to be performed
for that sample."

VOCMS Group3 : Samples for MS/MSD for VOC analysis were not provided with this
set of samples. The Blank Spike Duplicate is reported with the data.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information
on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value　　　　If the result is a value greater than or equal to the detection limit, report the value

U　　　　Indicates the compound was analyzed for but was not detected.   Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.

ND　　　　Indicates the analyte was analyzed for, but not detected

J　　　　Indicates an estimated value. This flag is used:
(1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.)
(2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.

B　　　　Indicates the analyte was found in the blank as well as the sample report as "12 B".

E　　　　Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.

D　　　　This flag identifies all compounds identified in an analysis at a secondary dilution factor.

P　　　　This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".

N　　　　This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.

A　　　　This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.

Q　　　　Indicates the LCS did not meet the control limits requirements

QA Control # A3040960

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #:   Q3756

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✔
Check chain-of-custody for proper relinquish/return of samples	✔
Is the chain of custody signed and complete	✔
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✔
Collect information for each project id from server. Were all requirements followed	✔
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✔
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✔
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✔
Do requested analyses on Chain of Custody agree with the log-in page	✔
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✔
Were the samples received within hold time	✔
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✔
ANALYTICAL:	
Was method requirement followed?	✔
Was client requirement followed?	✔
Does the case narrative summarize all QC failure?	✔
All runlogs and manual integration are reviewed for requirements	✔
All manual calculations and /or hand notations verified	✔

QA Review Signature: <u>MAYUR DESAI</u>   **Date:**   12/13/2025