

Community Within the Corridor - East Block
GC Unit Calibration / Standard Data
Commissioning Round 3A

Filename	Date	Time	COC	R-Time	Area Counts	ppbv	ug/m3	unit	COC	R-Time	Area Counts	ppbv	ug/m3	unit
KSingh 061524-01.CHR	6/15/2024	11:18:20	TCE	3.526	690.6746	0.9786	5.3822	ug/m3	PCE	6.73	2954.721	0.6194	4.2861	ug/m3
KSingh 061524-02.CHR	6/15/2024	11:26:17	TCE	3.53	306.8694	0.3627	1.9951	ug/m3	PCE	6.736	2016.393	0.3745	2.5916	ug/m3
KSingh 061524-03.CHR	6/15/2024	11:36:41	TCE	3.54	700.881	0.995	5.4724	ug/m3	PCE	6.746	3750.2604	0.8373	5.7943	ug/m3
KSingh 061524-04.CHR	6/15/2024	11:47:57	TCE	3.543	1203.9732	2.1982	12.0902	ug/m3	PCE	6.756	6129.2432	2.0918	14.4754	ug/m3
KSingh 061524-1684.CHR	8/19/2024	14:16:04	TCE	3.496	1000.0578	1.5965	8.781	ug/m3	PCE	6.656	4392.8432	1.0323	7.1432	ug/m3
KSingh 061524-1697.CHR	8/20/2024	8:38:31	TCE	3.49	134.8752	0.2197	1.2082	ug/m3	PCE	0	0	0	0	ug/m3
KSingh 061524-1735.CHR	8/21/2024	7:42:21	TCE	3.513	869.6117	1.3372	7.3546	ug/m3	PCE	6.713	3910.2902	0.8812	6.0977	ug/m3
KSingh 061524-1801.CHR	8/22/2024	8:19:31	TCE	3.503	892.6822	1.3831	7.6069	ug/m3	PCE	6.663	4115.6164	0.9374	6.487	ug/m3
KSingh 061524-1853.CHR	8/23/2024	7:38:37	TCE	3.496	1034.6151	1.6652	9.1588	ug/m3	PCE	6.67	4623.6268	1.1847	8.1981	ug/m3

NOTE: denotes the June 15, 2024 multi-point calibration performed under supervision of Dr. Blayne Hartman (HEG)

Gray, Jane K - DNR

From: Pratap Singh <psingh@ksinghengineering.com>
Sent: Wednesday, October 16, 2024 11:36 AM
To: Gray, Jane K - DNR
Cc: Que El-Amin; Shane LaFave; Angy Singh; Robert Fedorchak; Nobile, Trevor W - DNR; Mylotta, Pamela A - DNR; Walden, James E -DNR
Subject: RE: Community Within the Corridor East and West Block - Gas Chromatograph (GC) Data
Attachments: CWC EB - Round 3A - GC Calibration Data.pdf

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Good morning Jane,

GC Calibration was performed on June 15, 2024 under the supervision of Dr. Blayne Hartman of Hartman Environmental Science. The GC remained in calibration throughout Commissioning Round 3A which was confirmed by running standards prior to GC testing from August 19 – August 23, 2024. As with all GC testing conducted to date at CWC, the detection limits for the GC are $0.6 \mu\text{g}/\text{m}^3$ for TCE and $0.5 \mu\text{g}/\text{m}^3$ for PCE. We have attached a spreadsheet which details calibration and standard data. This data demonstrates that the GC was running properly during the commissioning event. Please let us know if you have any questions.

Thank you,

Pratap N. Singh, Ph.D., PE
Principal Engineer | psingh@ksinghengineering.com
262.821.1171, ext. 105 (p) | 414.313.4718 (cell)
www.ksinghengineering.com

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From: Gray, Jane K - DNR <jane.gray@wisconsin.gov>
Sent: Monday, October 7, 2024 3:35 PM
To: Pratap Singh <psingh@ksinghengineering.com>
Cc: Que El-Amin <que@scott-crawford.com>; Shane LaFave <Shane@roerscompanies.com>; Angy Singh <angy.singh@ksinghengineering.com>; Robert Fedorchak <rfedorchak@patrioteng.com>; Nobile, Trevor W - DNR <Trevor.Nobile@wisconsin.gov>; Mylotta, Pamela A - DNR <Pamela.Mylotta@wisconsin.gov>; Walden, James E -DNR <jamese.walden@wisconsin.gov>
Subject: Community Within the Corridor East and West Block - Gas Chromatograph (GC) Data

Greetings Dr. Singh – As the DNR continues to review the indoor air data collected for Community Within the Corridor, please provide the recent GC calibration information, and clarify the standard that the GC is being calibrated to. This information can be submitted to me in an email format or uploaded to the DNR’s RR electronic submittal portal.

Thank you, Jane

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Jane Gray

she/her/hers

Hydrogeologist Program Coordinator - Remediation and Redevelopment Program

Wisconsin Department of Natural Resources

West Central Region

Phone: (414) 435-8021

jane.pfeiffer@wisconsin.gov



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