

Flecks Systems, Inc.
Water Quality Testing (TCLP Standards in Drinking Water)
30 Day Test Results Summary

Lab Sample ID's				JC47595-1	JC47595-4	JC47978-1	JC48428-1	JC48935-1
Toxic Constituent (Compound)	(MCL) Regulatory Level (mg/L)	Reporting Limit (RL)	Method Detection Limit (MDL)	Bason 1 - Ref. Sample	Bason 1 - 7 Days	Bason 1 - 14 Days	Bason 1 - 21 Days	Bason 1 - 30 Days
Arsenic	5.0	0.50	n/a	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Barium	100.0	1.0	n/a	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Benzene	0.5	0.0025	0.00070	ND	ND	ND	ND	ND
Cadmium	1.0	0.025	n/a	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025
Carbon Tetrachloride	0.5	0.0050	0.0027	ND	ND	ND	ND	ND
Chlordane	0.30	0.0033	0.00075	ND	ND	ND	ND	ND
Chlorobenzene	100.0	0.0050	0.0009	ND	ND	ND	ND	ND
Chloroform	6.0	0.0050	0.0011	0.119	0.124	0.0743	0.0888	0.0528
Chromium	5.0	0.050	n/a	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
2,4-D	10.0	0.0042	0.0033	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	7.5	0.0050	0.0011	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.5	0.0050	0.0020	ND	ND	ND	ND	ND
1,1-Dichlorethene	0.7	0.0050	0.0010	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	0.13	0.020	0.0055	ND	ND	ND	ND	ND
Endrin	0.020	0.000067	0.000034	ND	ND	ND	ND	ND
Heptachlor	0.008	0.000067	0.000025	ND	ND	ND	ND	ND
Heptachlor epoxide	0.0080	0.000067	0.000044	ND	ND	ND	ND	ND
Hexachlorobenzene	0.13	0.020	0.0033	ND	ND	ND	ND	ND
Hexachloro-1,3-Butadiene	0.5	0.010	0.0049	ND	ND	ND	ND	ND
Hexachloroethane	3.0	0.050	0.0039	ND	ND	ND	ND	ND
Lead	5.0	0.50	n/a	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
gamma-BHC (Lindane)	0.40	0.000067	0.000019	ND	ND	ND	ND	ND
Mercury	0.2	0.00020	n/a	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
2-Methylphenol	200	0.2	0.0089	ND	ND	ND	ND	ND
3&4-Methylphenol	200	0.20	0.0088	ND	ND	ND	ND	ND
Methoxychlor	10.0	0.00013	0.000038	ND	ND	ND	ND	ND
2-Butanone (MEK)	200.0	0.1000	0.0095	ND	ND	ND	ND	ND
Nitrobenzene	2.0	0.020	0.0064	ND	ND	ND	ND	ND
Pentachlorophenol	100.0	0.1000	0.014	ND	ND	ND	ND	ND
Pyridine	5.0	0.020	0.0039	ND	ND	ND	ND	ND
Selenium	1.0	0.50	n/a	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Silver	5.0	0.050	n/a	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Tetrachloroethene	0.70	0.0050	0.0012	ND	ND	ND	ND	ND
Toxaphene	0.50	0.0017	0.0012	ND	ND	ND	ND	ND
Trichloroethylene	0.50	0.0050	0.0013	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	400.0	0.050	0.013	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	2.0	0.050	0.0092	ND	ND	ND	ND	ND
2,4,5-TP (Silvex)	1.0	0.0012	0.00039	ND	ND	ND	ND	ND
Vinyl Chloride	0.2	0.0050	0.0016	ND	ND	ND	ND	ND

Surrogate Recoveries	Limits	Bason 1 Ref. Sample JC47595-1	Bason 1 - Day 7 JC47595-4	Bason 1 - Day 14 JC47978-1	Bason 1 - Day 21 JC48428-1	Bason 1 - Day 30 JC48935-1
Dibromofluoromethane	76-120%	101%	102%	104%	109%	106%
1,2-Dichloroethane-D4	64-135%	97%	97%	102%	113%	95%
Tolunene-D8	76-117%	100%	101%	102%	103%	82%
4-Bromofluorobenzene	72-122%	101%	101%	103%	100%	103%
2-Fluorophenol	14-88%	29%	25%	36%	32%	41%
Phenol-d5	10-110%	14%	16%	20%	19%	22%
2,4,6-Tribromophenol	39-149%	70%	76%	99%	86%	102%
Nitorbenzene-d5	32-128%	72%	76%	74%	92%	87%
2-Fluorobiphenyl	35-119%	66%	70%	73%	71%	77%
Terphenyl-d14	10-126%	93%	91%	95%	87%	97%

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2,4-DCAA	50-142%	127%	107%	118%	100%	80%
2,4-DCAA	50-142%	101%	86%	99%	98%	66%
Tetrachloro-m-xylene	30-137%	107%	105%	92%	92%	96%
Tetrachloro-m-xylene	30-137%	89%	83%	87%	90%	97%
Decachlorobiphenyl	10-137%	83%	48%	59%	31%	42%
Decachlorobiphenyl	10-137%	63%	45%	46%	20%	30%

Lab Sample ID's				JC47595-2	JC47595-5	JC47978-2	JC48428-2	JC48935-2
Toxic Constituent (Compound)	(MCL) Regulatory Level (mg/L)	Reporting Limit (RL)	Method Detection Limit (MDL)	Bason 2 - Ref. Sample	Bason 2 - 7 Days	Bason 2 - 14 Days	Bason 2 - 21 Days	Bason 2 - 30 Days
Arsenic	5.0	0.50	n/a	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Barium	100.0	1.0	n/a	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Benzene	0.5	0.0025	0.00070	ND	ND	ND	ND	ND
Cadmium	1.0	0.025	n/a	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025
Carbon Tetrachloride	0.5	0.0050	0.0027	ND	ND	ND	ND	ND
Chlordane	0.30	0.0033	0.00075	ND	ND	ND	ND	ND
Chlorobenzene	100.0	0.0050	0.0009	ND	ND	ND	ND	ND
Chloroform	6.0	0.0050	0.0011	0.122	0.0647	0.0776	0.104	0.0882
Chromium	5.0	0.050	n/a	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
2,4-D	10.0	0.0042	0.0033	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	7.5	0.0050	0.0011	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.5	0.0050	0.0020	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.7	0.0050	0.0010	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	0.13	0.020	0.0055	ND	ND	ND	ND	ND
Endrin	0.020	0.000067	0.000034	ND	ND	ND	ND	ND
Heptachlor	0.008	0.000067	0.000025	ND	ND	ND	ND	ND
Heptachlor epoxide	0.0080	0.000067	0.000044	ND	ND	ND	ND	ND
Hexachlorobenzene	0.13	0.020	0.0033	ND	ND	ND	ND	ND
Hexachloro-1,3-Butadiene	0.5	0.010	0.0049	ND	ND	ND	ND	ND
Hexachloroethane	3.0	0.050	0.0039	ND	ND	ND	ND	ND
Lead	5.0	0.50	n/a	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
gamma-BHC (Lindane)	0.40	0.000067	0.000019	ND	ND	ND	ND	ND
Mercury	0.2	0.00020	n/a	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
2-Methylphenol	200	0.2	0.0089	ND	ND	ND	ND	ND
3&4-Methylphenol	200	0.20	0.0088	ND	ND	ND	ND	ND
Methoxychlor	10.0	0.00013	0.000038	ND	ND	ND	ND	ND
2-Butanone (MEK)	200.0	0.1000	0.0095	ND	ND	ND	ND	ND
Nitrobenzene	2.0	0.020	0.0064	ND	ND	ND	ND	ND
Pentachlorophenol	100.0	0.1000	0.014	ND	ND	ND	ND	ND
Pyridine	5.0	0.020	0.0039	ND	ND	ND	ND	ND
Selenium	1.0	0.50	n/a	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Silver	5.0	0.050	n/a	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Tetrachloroethene	0.70	0.0050	0.0012	ND	ND	ND	ND	ND
Toxaphene	0.50	0.0017	0.0012	ND	ND	ND	ND	ND
Trichloroethylene	0.50	0.0050	0.0013	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	400.0	0.050	0.013	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	2.0	0.050	0.0092	ND	ND	ND	ND	ND
2,4,5-TP (Silvex)	1.0	0.0012	0.00039	ND	ND	ND	ND	ND
Vinyl Chloride	0.2	0.0050	0.0016	ND	ND	ND	ND	ND

Surrogate Recoveries	Limits	Bason 2 - Ref. Sample JC47595-2	Bason 2 - Day 7 JC47595-5	Bason 2 - Day 14 JC47978-2	Bason 2 - Day 21 JC48428-2	Bason 2 - Day 30 JC48935
Dibromofluoromethane	76-120%	103%	102%	105%	112%	108%
1,2-Dichloroethane-D4	64-135%	97%	99%	101%	115%	97%
Tolunene-D8	76-117%	100%	99%	100%	103%	84%
4-Bromofluorobenzene	72-122%	102%	102%	104%	100%	101%
2-Fluorophenol	14-88%	20%	29%	40%	35%	35%
Phenol-d5	10-110%	14%	21%	23%	17%	20%

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2,4,6-Tribromophenol	39-149%	74%	77%	103%	93%	106%
Nitorbenzene-d5	32-128%	70%	77%	82%	104%	90%
2-Fluorobiphenyl	35-119%	62%	72%	84%	82%	79%
Terphenyl-d14	10-126%	91%	87%	94%	93%	93%
2,4-DCAA	50-142%	120%	92%	102%	76%	81%
2,4-DCAA	50-142%	81%	79%	79%	83%	79%
Tetrachloro-m-xylene	30-137%	110%	110%	16%	81%	97%
Tetrachloro-m-xylene	30-137%	89%	84%	88%	91%	84%
Decachlorobiphenyl	10-137%	106%	54%	53%	29%	44%
Decachlorobiphenyl	10-137%	83%	47%	35%	21%	28%

Lab Sample ID's				JC47595-3	JC47595-6	JC47978-3	JC48428-3	JC48935-3
Toxic Constituent (Compound)	Regulatory Level (mg/L)	Reporting Limit (RL)	Method Detection Limit (MDL)	Bason 3 - Ref. Sample	Bason 3 - 7 Days	Bason 3 - 14 Days	Bason 3 - 21 Days	Bason 3 - 30 Days
Arsenic	5.0	0.50	n/a	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Barium	100.0	1.0	n/a	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Benzene	0.5	0.0025	0.00070	ND	ND	ND	ND	ND
Cadmium	1.0	0.025	n/a	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025
Carbon Tetrachloride	0.5	0.0050	0.0027	ND	ND	ND	ND	ND
Chlordane	0.30	0.0033	0.00075	ND	ND	ND	ND	ND
Chlorobenzene	100.0	0.0050	0.0009	ND	ND	ND	ND	ND
Chloroform	6.0	0.0050	0.0011	0.0165	0.0295	0.0981	0.113	0.0399
Chromium	5.0	0.050	n/a	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
2,4-D	10.0	0.0042	0.0033	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	7.5	0.0050	0.0011	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.5	0.0050	0.0020	ND	ND	ND	ND	ND
1,1-Dichlorethene	0.7	0.0050	0.0010	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	0.13	0.020	0.0055	ND	ND	ND	ND	ND
Endrin	0.020	0.000067	0.000034	ND	ND	ND	ND	ND
Heptachlor	0.008	0.000067	0.000025	ND	ND	ND	ND	ND
Heptachlor epoxide	0.0080	0.000067	0.000044	ND	ND	ND	ND	ND
Hexachlorobenzene	0.13	0.020	0.0033	ND	ND	ND	ND	ND
Hexachloro-1,3-Butadiene	0.5	0.010	0.0049	ND	ND	ND	ND	ND
Hexachloroethane	3.0	0.050	0.0039	ND	ND	ND	ND	ND
Lead	5.0	0.50	n/a	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
gamma-BHC (Lindane)	0.40	0.000067	0.000019	ND	ND	ND	ND	ND
Mercury	0.2	0.00020	n/a	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
2-Methylphenol	200	0.2	0.0089	ND	ND	ND	ND	ND
3&4-Methylphenol	200	0.20	0.0088	ND	ND	ND	ND	ND
Methoxychlor	10.0	0.00013	0.000038	ND	ND	ND	ND	ND
2-Butanone (MEK)	200.0	0.1000	0.0095	ND	ND	ND	ND	ND
Nitrobenzene	2.0	0.020	0.0064	ND	ND	ND	ND	ND
Pentachlorophenol	100.0	0.1000	0.014	ND	ND	ND	ND	ND
Pyridine	5.0	0.020	0.0039	ND	ND	ND	ND	ND
Selenium	1.0	0.50	n/a	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Silver	5.0	0.050	n/a	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Tetrachloroethene	0.70	0.0050	0.0012	ND	ND	ND	ND	ND
Toxaphene	0.50	0.0017	0.0012	ND	ND	ND	ND	ND
Trichloroethylene	0.50	0.0050	0.0013	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	400.0	0.050	0.013	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	2.0	0.050	0.0092	ND	ND	ND	ND	ND
2,4,5-TP (Silvex)	1.0	0.0012	0.00039	ND	ND	ND	ND	ND
Vinyl Chloride	0.2	0.0050	0.0016	ND	ND	ND	ND	ND

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Surrogate Recoveries	Limits	Bason 3 - Ref. Sample JC47595-3	Bason 3 - Day 7 JC47595-6	Bason 3 - Day 14 JC47978-3	Bason 3 - Day 21 JC48428-3	Bason 3 - Day 30 JC48935-3
Dibromofluoromethane	76-120%	101%	103%	104%	109%	110%
1,2-Dichloroethane-D4	64-135%	98%	98%	101%	116%	95%
Tolunene-D8	76-117%	100%	101%	102%	103%	84%
4-Bromofluorobenzene	72-122%	102%	101%	103%	99%	100%
2-Fluorophenol	14-88%	27%	29%	43%	25%	38%
Phenol-d5	10-110%	17%	20%	17%	13%	27%
2,4,6-Tribromophenol	39-149%	77%	73%	97%	79%	89%
Nitorbenzene-d5	32-128%	75%	73%	84%	78%	88%
2-Fluorobiphenyl	35-119%	71%	66%	82%	63%	79%
Terphenyl-d14	10-126%	95%	88%	92%	79%	88%
2,4-DCAA	50-142%	99%	109%	97%	76%	72%
2,4-DCAA	50-142%	72%	83%	78%	84%	65%
Tetrachloro-m-xylene	30-137%	115%	94%	94%	90%	89%
Tetrachloro-m-xylene	30-137%	96%	72%	83%	80%	76%
Decachlorobiphenyl	10-137%	80%	42%	40%	39%	42%
Decachlorobiphenyl	10-137%	63%	37%	26%	21%	32%