

PuppyPlay

State of Tennessee (ID #02034)

Alabama Dept. of
Environmental Management
(ID #40780)

AIRL, INC.

1550 37TH STREET, NE
CLEVELAND, TENNESSEE 37312
(423) 476-7766 Fax: (423) 476-7714
ISO/IEC 17025:2017, PJLA-76332
Testing Accreditation

Scope of Accreditation:

Wastewater, Surface Water, Ground Water,
Drinking Water, Solids, Hazardous Waste, Soils,
Sediments, and Sludges.

Lab Report 325704

8540

AstroTurf

Attention: Chase Cloer

421 Callahan Road, SE

Dalton, GA 30721

Date Received 8 /25/2020

Date Sampled None Given

Date Requested 9 /4 /2020

Rush Status Normal

Phone (706) 272-4292

Extension

Fax

eMail: zsmith@astroturf.com

PO#

Sample Information

BK43
Turf

Lab Report: 325704

	Result	LCL	Method	SDL	Date	Time	Analyst
Trivalent Chromium	< 0.5 mg/Kg	0.5	EN 71-3	0.5	8/27/2020	14:07	ZPT
Aluminum (Al)	6.14 mg/Kg	0.5	EN 71-3	0.5	8/27/2020	14:07	ZPT
Antimony (Sb)	< 0.5 mg/Kg	0.5	EN 71-3	0.5	8/27/2020	14:07	ZPT
Arsenic (As)	< 0.5 mg/Kg	0.5	EN 71-3	0.5	8/27/2020	14:07	ZPT
Barium (Ba)	0.81 mg/Kg	0.5	EN 71-3	0.5	8/27/2020	14:07	ZPT
Boron (B)	0.62 mg/Kg	0.5	EN 71-3	0.5	8/27/2020	14:07	ZPT
Cadmium (Cd)	< 0.5 mg/Kg	0.5	EN 71-3	0.5	8/27/2020	14:07	ZPT
Chromium (Cr)	< 0.5 mg/Kg	0.5	EN 71-3	0.5	8/27/2020	14:07	ZPT
Cobalt (Co)	< 0.5 mg/Kg	0.5	EN 71-3	0.5	8/27/2020	14:07	ZPT
Copper (Cu)	0.78 mg/Kg	0.5	EN 71-3	0.5	8/27/2020	14:07	ZPT
Lead (Pb)	0.85 mg/Kg	0.5	EN 71-3	0.5	8/27/2020	14:07	ZPT
Manganese (Mn)	< 0.5 mg/Kg	0.5	EN 71-3	0.5	8/27/2020	14:07	ZPT
Nickel (Ni)	< 0.5 mg/Kg	0.5	EN 71-3	0.5	8/27/2020	14:07	ZPT
Selenium (Se)	< 0.5 mg/Kg	0.5	EN 71-3	0.5	8/27/2020	14:07	ZPT
Strontium (Sr)	0.68 mg/Kg	0.5	EN 71-3	0.5	8/27/2020	14:07	ZPT
Tin (Sn)	< 0.5 mg/Kg	0.5	EN 71-3	0.5	8/27/2020	14:07	ZPT
Zinc (Zn)	4.86 mg/Kg	0.5	EN 71-3	0.5	8/27/2020	14:07	ZPT
Mercury (Hg)	< 0.0002 mg/L	0.0002	EN 71-3	0.0002	8/28/2020	8:15	JAV
Hexavalent Chromium	< 0.4 mg/Kg	0.4	EPA 7196A	0.4	8/25/2020	14:05	JAV

Lowest Calibration Level [LCL] - reporting limit; Sample Detection Level [SDL] - Sample Specific

QA/QC Procedures required by the Method(s) were followed unless otherwise noted. Performance and acceptance standards for required QA/QC procedures were achieved unless otherwise noted. No significant modifications have been made to the Method(s). I attest that, based upon my inquiry of those individuals immediately responsible for reviewing the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of this laboratory. The laboratory retains sole ownership of data until full reimbursement has been made.

Report approved by:


TECHNICAL DIRECTOR

STLC and TTLC Regulatory Limits¹

Inorganic Substances	STLC ² Regulatory Level, mg/L	TTLC ³ Regulatory Level, mg/kg, Wet Weight	Recommended EPA Test Method
Antimony and/or Antimony compounds	15	500	6010B/7000A
Arsenic and/or Arsenic compounds	5.0	500	6010B/7000A
Asbestos		1%	PCM/PLM
Barium and/or Barium compounds	100	⁴ 10000	6010B/7000A
Beryllium and/or Beryllium compounds	0.75	75	6010B/7000A
Cadmium and/or Cadmium compounds	1	100	6010B/7000A
Chromium (VI) compounds	5	500	6010B/7000A
Chromium and/or Chromium (III) compounds	5 ⁵	2,500	6010B/7000A
Cobalt and/or Cobalt compounds	80	8,000	6010B/7000A
Copper and/or Copper compounds	25	2,500	6010B/7000A
Fluoride salts	180	18,000	300/340.2
Lead and/or Lead compounds	5.0	1,000	6010B/7000A
Mercury and/or Mercury compounds	0.2	20	6010B/7471A
Molybdenum and/or Molybdenum compounds	350	3,500	6010B/7000A
Nickel and/or Nickel compounds	20	2,000	6010B/7000A
Selenium and/or Selenium compounds	1.0	100	6010B/7000A
Silver and/or Silver compounds	5	500	6010B/7000A
Thallium and/or Thallium compounds	7.0	700	6010B/7000A
Vanadium and/or Vanadium compounds	24	2,400	6010B/7000A
Zinc and/or Zinc compounds	250	5,000	6010B/7000A

Organic Substances	STLC Regulatory Level, mg/L	TTLC Regulatory Level, mg/kg, Wet Weight	Recommended EPA Test Method
Aldrin	0.14	1.4	8081A
Chlordane	0.25	2.5	8081A
DDT, DDE, DDD	0.1	1.0	8081A
2,4-Dichlorophenoxyacetic acid	10	100	8151
Dieldrin	0.8	8.0	8081A
Dioxin (2,3,7,8-TCDD)	0.001	0.01	8280
Endrin	0.02	0.2	8081A
Heptachlor	0.47	4.7	8081A
Ketone	2.1	21	
Lead compounds, organic		13	DHS
Lindane	0.4	4.0	8081A
Methoxychlor	10	100	8081A
Mirex	2.1	21	8081A
Pentachlorophenol	1.7	17	8270C
Polychlorinated Biphenyls (PCBs)	5.0	50	8082
Toxaphene	0.5	5	8081A
Trichloroethylene	204	2040	8260B
2,4,5-Trichlorophenoxypropionic acid	1.0	10	8151

¹Used for California regulated hazardous waste. Source is California Code of Regulations, Title 22, Chapter 11, Article 3.

²If a substance is ten times the STLC value found in the TTLC, the Waste Extraction Test (WET) is indicated. If any substance in the waste extract is equal to or greater than the STLC value, it is considered a hazardous toxic waste.

³If a substance in a waste is equal to or greater than the TTLC level, it is considered a hazardous toxic waste.

⁴Excludes barium sulfate.

⁵If the soluble chromium as determined by the TCLP is less than 5 mg/L, and the soluble chromium as determined by the STLC test equals or exceeds 560 mg/L, and the waste is not otherwise identified as a RCRA hazardous waste, then the waste is a non-RCRA hazardous waste.