

LABORATORY TESTING HEAVY METALS ANALYSIS



Project Information

| | | | |
|---------------------------|---|-------------------------------|----------------------|
| Project Name | TTII 12-20 Sportsfield Sand (OH) ASTM F963 Heavy Metals Analysis | | |
| Client Information | Target Technologies International Inc 8535 Eastlake Drive Burnaby BC V5A4T7 | | |
| Report Date | 9/6/2023 | Sample Receipt Date(s) | 8/28/2023 |
| Job no. | 98862/9052 | Test Date(s) | 8/30/2023 – 9/2/2023 |
| Report Status | Final | | |
| Prepared by | Megan Illsley Laboratory Director | | |
| Checked by | Jeffrey Gentile Operations Director | | |

Notes:

1. This report has been prepared by Firefly Sports Testing with all reasonable skill, care and diligence within the terms of the contract with the Client and within the limitations of the resources devoted to it.
2. This report is confidential to the Client and Firefly Sports Testing accepts no responsibility whatsoever to third parties to whom this report, or any part thereof, is made known. Any such party relies upon the report at their own risk.
3. This analysis was subcontracted to ChemServe Environmental Analysts, CPSC Third Party Accredited Laboratory #1160.
4. This report shall not be used for engineering or contractual purposes unless signed by the Author and the Checker and unless the report status is "Final."

Summary

Firefly Sports Testing was commissioned to perform infill sample analysis. Samples were sent to our laboratory and tested per the method(s) listed below.

| Test Type | Test Method | Test Description |
|------------------|--------------|---|
| Hazardous Metals | ASTM F963-16 | Standard Consumer Safety Specification for Toy Safety |

Table of Contents

| | |
|--------------------|---|
| Summary | 1 |
| Results | 2 |
| End of Report..... | 2 |



LABORATORY TESTING HEAVY METALS ANALYSIS



Results

| TTII 12-20 Sportsfield Sand (OH) | | | | |
|----------------------------------|----------------------------|---------------------------------------|-----------------------|-------------|
| Parameter | Analytical Method | Suggested Concentration Limit (mg/kg) | Sample Result (mg/kg) | PASS / FAIL |
| Antimony | ASTM F963-17 / SW846-6010C | 60 | < 0.5 | PASS |
| Arsenic | ASTM F963-17 / SW846-6010C | 25 | < 0.5 | PASS |
| Barium | ASTM F963-17 / SW846-6010C | 1000 | < 0.5 | PASS |
| Cadmium | ASTM F963-17 / SW846-6010C | 75 | < 0.5 | PASS |
| Chromium | ASTM F963-17 / SW846-6010C | 60 | < 0.5 | PASS |
| Lead | ASTM F963-17 / SW846-6010C | 90 | < 0.5 | PASS |
| Mercury | ASTM F963-17 / SW 7471A | 60 | < 1.2 | PASS |
| Selenium | ASTM F963-17 / SW846-6010C | 500 | < 2.5 | PASS |

End of Report

