

## GENERAL CONDITIONS

Please be advised, according to our EPEA Operating Approval we are not permitted to accept the following:

- Material Containing Free Liquids
- Drilling Muds
- Explosives
- Biomedical/Biological/Pathological Waste
- Radioactive Waste
- Oilfield Waste
- Pesticides
- Bentonite and Bentonite Contaminated products
- Asbestos
- Industrial Abrasives
- Ozone depleting Substances
- Hazardous Waste
- Mold
- Hot Ashes
- Heavily Contaminated Sulphur Waste
- Motor Vehicles
- Gravel/Boulders/Rocks

Disposal is at the discretion for the Fort McMurray Regional Landfill Operating Staff.

All soils will be classified as contaminated unless proven otherwise. Soils samples shall be collected by a qualified environmental practitioner and submitted to a third-party lab for **Class II Landfill Analysis**, which includes but not limited to **Leachable Metals, Leachable BTEX, Chlorides, Elemental Sulfur**. A complete copy of the analysis must accompany the soil disposal application. Soil that is deemed acceptable meeting criteria in Table 2, (clean soil), will be free of charge. Soils with lab results meeting only the acceptance criteria under Table 1 will be subjected to a disposal fee as per current rates and fee schedule.

The Regional Municipality of Wood Buffalo (RMWB) does not permit third party billing. Anyone delivering soil to the facility must have a business license and an account set up with the Accounts Receivable Department or be willing to pay by Cash, Credit Card or Debit. Contact RMWB Accounts Receivable at: 780-743-7975 or [accounts.receivable@rmwb.ca](mailto:accounts.receivable@rmwb.ca)

Please be advised that an RMWB Haul Permit may be required for delivery of excess quantities of debris to the regional landfill. For more information, please contact the PULSE line at 780-743-7000 or visit the RMWB Route Haul Permits webpage at <https://www.rmwb.ca/en/roads-and-construction/route-haul-permits.aspx>

The RMWB, Solid Waste Services staff reserves the right to limit the number of acceptable loads being delivered to the landfill per day. Generators are required to phone the Landfill at least 48 to 72 hours prior to hauling. Please contact the foreman at: 780-381-4464 or at:780-742-9251.

Please note we **DO NOT** permit end dumps, trucks and pup or truck and wagon combinations in the active landfill cell. We DO permit tandem trucks, tri-axle dump trucks and walking floor trailers.

RMWB Solid Waste Staff reserves the right to terminate access for disposal due to unforeseeable conditions. (i.e. Weather, Vehicle Congestion, Incoming Volume, Contamination, etc.)

A copy of your approval must accompany each delivery made to the landfill and may be requested for verification on site.

Approvals expire 6 months from the date of issue, unless an extension is granted in writing by RMWB Solid Waste. Services staff member.

The personal information on this form is collected under the authority of Section 33 (c) of the Alberta Freedom of Information and Protection of Privacy Act. The personal information will be used evidence of your acceptance of the terms of the application. If you have any questions regarding the collection or use of this information, contact the Solid Waste Services Branch, Public Works Department of the RMWB. 780-743-7000.

### This document is governed by the following Municipal, Provincial and Federal Regulations, as amended:

- \* Regional Municipality of Wood Buffalo, Utility Rate Bylaw, Bylaw No. 10/001
- \* Code of Practice for Landfills, Alberta Government.
- \* Waste Control Regulations, Environmental Protection and Enhancement Act, with amendments up to and including Alberta Regulation.
- \* Standards for Landfills in Alberta, Alberta Government.
- \* Alberta Tier I and Tier 2 Soil and Groundwater Remediation Guidelines.
- \* Alberta User Guide for Waste Managers. Table 2: Schedule 1, Section 1(g) Substances, Hazardous Waste Limits Control Regulation.
- \* CCME Soil Quality Guidelines for the Protection of Environment and Human Health Agriculture, Residential/Parkland, Commercial, Industrial.
- \* The Regional Municipality of Wood Buffalo, EPEA Operating Approval # 146658.
- \* The Regional Municipality of Wood Buffalo, Solid Waste Management Operation Plan.

**TABLE 1: Acceptable levels of contaminants:** contaminated soil is subjected to a disposal fee as per current rates and fee schedule.

| <b>* Mandatory Analysis for Contaminated Soil</b> |                  |                        |
|---|------------------|------------------------|
| <b>PARAMETERS</b>                                 | <b>LIMIT</b>     | <b>UNIT OF MEASURE</b> |
| pH (US EPA 9040,9041, 9045)                       | > 2 or < 11      | -                      |
| Free Liquid (Paint Filter Test)                   | Negative or Pass | -                      |
| Flash point                                       | > 61             | Degrees Celsius        |
| Chloride  | 15,000           | mg/kg                  |
| Total Petroleum Hydrocarbons (TPH)                | < 20,000         | mg/kg                  |
| Elemental Sulphur                                 | 500              | mg/kg                  |
| <b>Leachable Metals</b>                           |                  |                        |
| Antimony  | 500              | mg/L                   |
| Arsenic   | 5                | mg/L                   |
| Barium  | 100              | mg/L                   |
| Beryllium   | 5                | mg/L                   |
| Boron   | 500              | mg/L                   |
| Cadmium   | 1                | mg/L                   |
| Chromium  | 5                | mg/L                   |
| Cobalt  | 100              | mg/L                   |
| Copper  | 100              | mg/L                   |
| Iron  | 1000             | mg/L                   |
| Lead  | 5                | mg/L                   |
| Mercury   | 0.2              | mg/L                   |
| Nickel  | 5                | mg/L                   |
| Selenium  | 1                | mg/L                   |
| Silver  | 5                | mg/L                   |
| Thallium  | 5                | mg/L                   |
| Uranium   | 2                | mg/L                   |
| Vanadium  | 100              | mg/L                   |
| Zinc  | 500              | mg/L                   |
| Zirconium   | 500              | mg/L                   |
| <b>Leachable BTEX and Hydrocarbons</b>            |                  |                        |
| Benzene   | 0.5              | mg/L                   |
| Toluene   | 0.5              | mg/L                   |
| Ethylbenzene                                      | 0.5              | mg/L                   |
| Xylene  | 0.5              | mg/L                   |
| Naphthalene                                       | 0.5              | mg/L                   |

**TABLE 2: For soil to be accepted free of charge (clean soil):** Soils shall meet the following additional criteria on top of Table 1 criteria.

| <b>* Mandatory Analysis for Clean Soil</b> |              |                        |
|--|--------------|------------------------|
| <b>PARAMETERS</b>                          | <b>LIMIT</b> | <b>UNIT OF MEASURE</b> |
| pH (in 0.01M CaCl <sub>2</sub> )           | 6.5 - 8.5    | -                      |
| Chloride                                   | 120          | mg/kg                  |
| <b>Total Metals for Cover Material</b>     |              |                        |
| Antimony                                   | 40           | mg/kg                  |
| Arsenic                                    | 26           | mg/kg                  |
| Barium (non-barite)                        | 2,000        | mg/kg                  |
| Barite-barium                              | 140,000      | mg/kg                  |
| Beryllium                                  | 8            | mg/kg                  |
| Boron (mg/L in saturated paste extract)    | 5            | mg/L                   |
| Cadmium                                    | 22           | mg/kg                  |
| Chromium (hexavalent)                      | 1.4          | mg/kg                  |
| Chromium (total)                           | 87           | mg/kg                  |
| Cobalt                                     | 300          | mg/kg                  |
| Copper                                     | 91           | mg/kg                  |
| Lead                                       | 600          | mg/kg                  |
| Mercury (inorganic)                        | 50           | mg/kg                  |
| Molybdenum                                 | 40           | mg/kg                  |
| Nickel                                     | 89           | mg/kg                  |
| Selenium                                   | 2.9          | mg/kg                  |
| Silver                                     | 40           | mg/kg                  |
| Thallium                                   | 1            | mg/kg                  |
| Tin  | 300          | mg/kg                  |
| Uranium                                    | 300          | mg/kg                  |
| Vanadium                                   | 130          | mg/kg                  |
| Zinc                                       | 410          | mg/kg                  |
| <b>Total BTEX and F1-F4</b>                |              |                        |
| Benzene                                    | 0.046        | mg/kg                  |
| Toluene                                    | 0.52         | mg/kg                  |
| Ethylbenzene                               | 0.073        | mg/kg                  |
| Xylene                                     | 0.99         | mg/kg                  |
| F1   | 320          | mg/kg                  |
| F2   | 260          | mg/kg                  |
| F3   | 2500         | mg/kg                  |
| F4   | 6600         | mg/kg                  |
| Total Petroleum Hydrocarbons (TPH)         | < 9680       | mg/kg                  |