Title: **5.1 a Soil Acceptance Requirements – Generator Responsibilities**

Section 5: Waste Acceptance Procedures

Date Issued: December 14, 2010

Authorized by: Darren Fry – Operations Manager

Revision Date: May 11, 2012

1.0 Purpose

The purpose of the Soil Acceptance Requirements – Generator Responsibilities SOP is to outline the requirements of the Generator of soils and soil-like materials for waste acceptance Into the Atlas Landfill.

This SOP can also be used by Walker sales staff as a guidance tool to ensure their customers (Generators of soils and soil-like materials) are complying with regulatory and WEGI - Atlas Landfill approval requirements

2.0 Background

These generator responsibilities are to assist in compliance with:

- Conditions 4, requirement to comply with other statutes including the EPA and Regulation 347 - General Waste Management (OReg. 347)
- Condition 5 & 6, Adverse Effect
- Conditions 26, 27 and 28, Waste Types
- Condition 32 – Service Area
- Condition 52, to provide an operations manual that address the requirements of C of A A120409

3.0 Procedure

3.1 The Generator must characterize their waste and ensure it meets the definition of "Solid Non-Hazardous Waste" as defined in "Ontario Regulation 347, General Waste Management". The generator is responsible for the characterization of their waste. (see www.e-laws.gov.on.ca for a copy of OReg 347).

3.2 The Generator must determine whether the Land Disposal Restrictions outlined in OReg. 347 apply to their waste, effective August 2007.

3.3 The Generator must fully complete a *"Waste Stream Information Sheet – Soil"* (an incomplete sheet will be returned).

3.4 The Generator must make sure to:

a) provide the sampling plan/schedule for the project and an explanation of how it assures the analytical provided is representative of the waste that will be generated by the project if the project produces **greater than 1,500 tonnes of waste**.

b) describe in detail which parameters are of concern for the project

c) describe the current and previous land-uses of the site from which the material is being generated.

3.5 The Generator must ensure that when testing soils:

a) testing is done for parameters listed as "Soils" under Material Type in the "Niagara Waste System Limited – Acceptance Criteria" (inorganics, metals, VOC's and PCBs – see procedure *8.1 c Acceptance Testing Parameters Summary* for more information)

b) testing is done for any other parameters that may be found in the waste (marked as "Additional under Material Type in the "Niagara Waste Systems Limited – Acceptance

Criteria" list.)

c) testing and final reports are completed by a CALA or SCC certified lab (summary tables are not acceptable)

d) PCB testing is on a TCLP basis.

e) soil is below Schedule 4 limits of OReg. 347 for parameters tested (i.e. not a Leachate Toxic Waste)

f) the date on the testing results must be within **one year** of the day they are submitted to NWSL for review

3.6 If the Land Disposal Restrictions (LDR) in OReg 347 applies to the soil or soil-like materials, then WEGI must be provided the following:

a) The characteristics of the waste prior to LDR treatment. WEGI may receive treated Characteristic Waste only (treated ignitable, corrosive, reactive or leachate toxic waste)

b) A copy of the Certificate of Approval issued by the Ministry of the Environment for the treatment process used to treat the waste.

c) The LDR treatment code that has been used to treat the waste and a description of that treatment process

d) A list of the contaminants that were treated by the LDR treatment to render the waste non-hazardous

e) Analytical support that shows the treated waste meets Schedule 6 standards.

f) A copy of the LDR notification form from HWIN (Part 2B form)

g) A completed WSIS

3.7 In limited cases testing may not be required on soils from residential areas, parklands or schools. WEGI must be contacted to determine testing requirements for these types of areas.

3.8 Submit "*Waste Stream Info Sheet"* and analytical information (if required) to:

approval@walkerind.com
C/O
Environmental Customer Liaison
Walker Environmental Group Inc.
Fax: 905-680-3699
Phone: 905-680-1900

3.9 The Generator must await a confirmation letter from WEGI that their waste soil is acceptable for receipt. The Generator may be requested to provide further information prior to the soil being accepted at the site. The acceptance letter may have conditions on how and when the soil is to be delivered and a requirement for compliance testing of loads received at the facility.

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3.10 The Generator must ensure all drivers used to transport the waste are aware of:

a) the approval requirements
b) the address of the waste generation site
c) name of waste
d) and the safety requirements for WEGI
e) to facilitate entry to the site provide the driver with a copy of the waste acceptance letter from WEGI for the waste they are transporting

3.11 The Generator's waste will be rejected from the site if it:

a) contains unacceptable waste (see Acceptable & Unacceptable Waste list)
b) fails a compliance test conducted by WEGI
c) fails a slump test (i.e. is classified as a liquid waste)
d) has excess liquid accumulated in the load
e) has not been approved by WEGI for receipt
f) driver cannot provide information regarding the address of the source of the soil
g) conditions of the approval letter have not been met
h) volume of soil exceeds the approved quantity
i) load sent after the WEGI approval has expired

Please ensure drivers are aware of the health and safety requirements at the WEGI - Atlas Landfill Site
(hard hat, safety boots, traffic vest)