

Appendix E
DRAFT Version 1.1– September 28, 2007

Supplemental Guidance for Contaminated Soil Relocation Agreements

GENERAL TOPIC	Suggested Points of Review (CSRA)	Reference	Note 1	Note 2
<p>SOURCE SITE <i>Background</i></p> <p><i>Soil Characterization</i></p> <p><i>Soil Quality</i></p> <p><i>Schedule 10 Substance as COC</i></p>	<ol style="list-style-type: none"> 1. Has the proponent: <ol style="list-style-type: none"> a. provided a Stage 1 PSI or equivalent level of effort to identify the APEC and associated PCOCs for the area that will be the source for the soil to be relocated; b. identified which area from which the soil will be removed; c. listed COCs for soil to be relocated; and d. identified the approximate volume and quality of the soil to be relocated, together with chemical characterization data? 2. Has the proponent confirmed that disposal of the source site soil doesn't qualify for any exemptions as listed in CSR and EMA (e.g. minimum volume, relocation outside BC, etc.)? 3. Has the proponent provided adequate information to show that the source site soil to be transferred has been adequately characterized? 4. Has the proponent: <ol style="list-style-type: none"> a. confirmed that chemical concentrations exceed the appropriate Schedule 7 standards describing the existing and future uses of the receiving site; and, b. confirmed that the source site soil is not considered to be a Hazardous Waste? 5. If a COC is a Schedule 10 substance, has the proponent provided a risk assessment report for the receiving site in support of the soil relocation? 	<p>TG1, TG2</p> <p>CSR S. 43(5)</p>		
<p><i>If RECEIVING SITE is a landfill</i></p>	<ol style="list-style-type: none"> 6. If the receiving site is a landfill, has the proponent: <ol style="list-style-type: none"> a. reviewed the permit to ensure that a SRA is required; b. reviewed the permit to ensure that it can accept the source site soil; c. ensured that all permit conditions will be met with the soil transfer; d. provided a copy of the landfill permit; and, e. identified what the soil will be used for at the receiving site? 			
<p><i>If RECEIVING SITE is not a landfill</i></p>	<ol style="list-style-type: none"> 7. If the receiving site is not a landfill, has the proponent compared the source site soil concentrations to the Ministry approved site-specific standards or the local background standards for the receiving site, if available, to confirm that the quality of soil at the receiving site is suitable for receiving the source site soil? 			

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	<p>8. If the source site soil concentrations are greater than the Ministry-approved site-specific standards or the local background standards for the receiving site or there are none, has the proponent characterized the receiving site by:</p> <ul style="list-style-type: none"> a. providing methods, evaluation and tabulation of pH of near surface soils at the receiving site in accordance with Ministry Guidance; b. calculating the median pH for the receiving site; c. comparing the source site soil concentrations to the appropriate CSR land use standards for the receiving site, using the receiving site median pH (or alternatively the most conservative standard) and verifying that concentrations don't exceed the standards; d. confirmed that the quality of soil at the receiving site is suitable for receiving the source site soil; and, e. identified what the soil will be used for at the receiving site? 	TG5		
ATTACHMENTS	<p>9. Has the proponent included:</p> <ul style="list-style-type: none"> a. copies of the legal title for both the source and receiving sites, obtained within one month of submission of the CSRA application; b. a completed Schedule 8 signed by both the source site and receiving site owners (including legal and civic addresses of the source and receiving sites); c. site plans showing the proposed source areas and disposal site; d. analytical laboratory results (source site soil to be moved and receiving site), either in printed form or on a diskette; and, e. tabulated analytical results for both source site soil to be moved and receiving site, for each COC compared to appropriate standards? 		M	

Notes

1. M signifies these points are a mandatory requirement of the site investigator's report.
2. M signifies these points must be commented on by the CSAP in the Summary of Site Conditions.