

APPENDIX C
DRAFT Version 1.1 – September 28, 2007

**Supplementary Guidance for CSAPs Conducting Review of
Remediation Plans**

GENERAL TOPIC	Suggested Points of Review (Remediation Plans)	Reference	Note 2	Note 3
AUTHORS AND RELIANCE	<ol style="list-style-type: none"> 1. Does the investigator: <ol style="list-style-type: none"> a. identify the primary authors of the plan and state his/her qualifications? 2. Does the report or cover letter: <ol style="list-style-type: none"> a. provide reliance of the report to the Ministry; and b. provide reliance of the report to a CSAP? 3. Does the investigator describe the relationship of the remediation plan to previous work, in particular: <ol style="list-style-type: none"> a. how the methods of investigation and findings of the previous stage(s) was/were used to design the remediation plan; and b. the extent to which the previous investigations were or were not relied on? 	<p>CSR S. 63 CSSAF</p> <p>CSSAF</p>	<p>M</p> <p>M</p> <p>M</p> <p>M</p>	
OBJECTIVES	<ol style="list-style-type: none"> 4. Are the objectives and scope of the remediation plan: <ol style="list-style-type: none"> a. clearly stated; b. likely to achieve the objectives of the remediation plan; and c. are there any limitations to the scope, clearly indicated, that may inhibit achieving the objectives. 			
PROBLEM DEFINITION <i>General</i>	<ol style="list-style-type: none"> 5. Has the investigator: <ol style="list-style-type: none"> a. provided an interpretation of soil stratigraphy and hydrogeology of the site; b. clearly summarized the extent of contamination in each affected media and proposed remediation/management approach for each AEC? 6. If contamination has not been fully delineated, does the remediation plan: <ol style="list-style-type: none"> a. provide measures for completing the delineation assessment; and b. incorporate a contingency plan in the event additional contamination is found? 	<p>CSR S 1(a)</p>	<p>M</p> <p>M</p>	
Site Plans	<ol style="list-style-type: none"> 7. Has the investigator provided a survey drawing showing the boundaries of any offsite contamination? 8. Has the investigator provided scaled plans and cross sections showing the vertical and horizontal extent of contamination relative to applicable AECs and for each contaminated media? 	<p>CSSAF</p> <p>CSR S 1(a)</p>	<p>M</p> <p>M</p>	

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REMEDICATION SCHEDULE	17. Does the remediation plan: <ol style="list-style-type: none"> a. provide a remediation implementation schedule and is it reasonable for the selected remedial alternative (i.e. too aggressive, unrealistic); b. sufficiently demonstrate that remediation can be completed within five years; and c. if an <i>in situ</i> system is used, has monitoring of rebound effects been considered in the remediation schedule? 	CSR S 1(f)	M M	
COVENANTS/ SECURITY	18. Does the remediation plan provide: <ol style="list-style-type: none"> a. proposed measures and controls to ensure security in accordance with CSR Section 48 for ongoing management of contamination at the site; and, b. measures for prevention of recontamination or remobilization, as required? 	CSR S 1(i)	M	
GENERAL	19. Does the CSAP concur: <ol style="list-style-type: none"> a. with the conclusion that the site will be remediated within five years; b. that the remediation technology proposed will effectively reduce COCs to concentrations less than numerical standards or otherwise achieve compliance with risk-based objectives; c. with the proposed confirmatory sampling plan and any other measures to confirm completion of remediation; d. with the schedule for remediation; e. that follow up monitoring is adequate; and f. that it will not cause recontamination of the property and/or adjacent properties? 			M M M M M M
REFERENCES	20. Has the investigator referenced: <ol style="list-style-type: none"> a. all data sources, previous studies and other information that was relied on to develop the remediation plan; and b. any technical literature that provides additional detail on procedures used in the study? 			
APPENDICES	21. Has the investigator provided: <ol style="list-style-type: none"> a. copies of all original analytical laboratory reports, in printed form for data used as part of the assessment and not previously reported; b. all new analytical data in tabular form for each COC and compared to appropriate environmental quality standards for each media; c. copies of all new drill logs and test pit logs for the assessment, that have not previously been reported; 		M M M	

