## Table B1: Addressing the Approved Amended Terms of Reference Requirements

The following table summarizes how and where this EA report addresses each of the requirements of the Approved Amended Terms of Reference, including the Minister's amendments and additional commitments made by Walker.

|         | Approved Amended Terms of Reference (ToR)   |                      | Environmental Assessment Report (EA)  |
|---------|---|----------------------|---|
| Section | Requirement   | Sections             | Summary   |
|         | Terms of Reference  | e (August 29,        | . 2013)   |
| 4.3     | The purpose statement will be refined, if required, as the EA planning process proceeds in consultation with government agencies, Aboriginal Communities and interested members of the public. The final purpose statement will be presented in the EA.                                       | 3.<br>10.            | The purpose statement set out in Section 3 was confirmed through<br>the EA planning process, in consultation with government<br>agencies, Indigenous Communities and interested members of the<br>public (see Section 10).  |
| 5.1     | The rationale for proceeding with the undertaking will be developed<br>and presented in the EA based on an assessment of its advantages<br>and disadvantages to the environment, in consultation with<br>government agencies, Aboriginal Communities and interested<br>members of the public. | 14.<br>10.           | The final rationale for proceeding with the undertaking is set out in<br>Section 14 based on the conclusion of this EA that the proposed<br>undertaking can be carried out in an environmentally safe and<br>acceptable manner, and that, on balance of the environmental<br>advantages and disadvantages, this proposed undertaking would<br>be consistent with the purpose of the <i>Environmental Assessment</i><br><i>Act.</i> Consultation with government agencies, Indigenous<br>Communities and interested members of the public was carried<br>out throughout the development of this EA (see Section 10). |
| 6.1     | The preliminary description of the proposed undertaking will be<br>refined, as necessary, as the EA planning process proceeds. The EA<br>will contain a detailed description of the undertaking.  | 7.2<br>7.5           | A detailed description of the undertaking is provided in Section 7.2 of this EA, consistent with the design and operations requirements of O. Reg. 232/98 (the <i>Landfill Standards</i> ). Further mitigation measures found to be necessary and appropriate as a result of the EA studies are described in Section 7.5 and are taken to supplement or amend the final description of the undertaking.   |
| 6.2     | The final study areas will be refined during the EA process in consultation with government agencies, Aboriginal Communities and interested members of the public.  | 5.4<br>10.<br>App. F | The final study areas are described in Section 5.4, with details<br>provided in the individual technical studies compiled in Appendix<br>F. These study areas were initially set out in a series of work plans<br>which were subject to consultation with government agencies,<br>Indigenous Communities and interested members of the public,  |

|         | Approved Amended Terms of Reference (ToR)  |                                   | Environmental Assessment Report (EA)   |  |
|---------|--|-----------------------------------|--|--|
| Section | Requirement  | Sections                          | Summary  |  |
|         |  |                                   | followed by further consultation in conjunction with this draft EA (see Section 10).   |  |
| 6.2     | The EA will consider potential effects in both the Operational Period<br>(including landfill construction) and the Post-Closure Period.  | 5.5<br>App. F                     | The study durations for this EA explicitly included both the<br>Operational Period (including landfill construction) and the Post-<br>Closure Period as set out in Section 5.5. Each of the technical<br>studies in Appendix F reflects these same study durations.  |  |
| 6.3     | The EA will examine the potential effects of the alternatives and the<br>undertaking on all components of the environment. The examination<br>of the potential effects will be conducted in consultation with<br>government agencies, Aboriginal Communities and interested<br>members of the public.  | 5.3<br>6.<br>7.4<br>10.<br>App. F | The EA Criteria established in the ToR and set out in Section 5.3<br>reflect all components of the environment as defined in the<br><i>Environmental Assessment Act</i> . The potential effects of the<br>alternatives and the undertaking were explicitly examined using<br>these criteria. The examination of the potential effects was<br>conducted in consultation with government agencies, Indigenous<br>Communities and interested members of the public (see Section<br>10).   |  |
| 6.3     | The EA will examine the actions necessary to prevent, change,<br>mitigate or remedy any negative environmental effects. The<br>examination of the mitigation measures will be conducted in<br>consultation with government agencies, Aboriginal Communities and<br>interested members of the public.   | 7.2<br>7.5<br>10.<br>App. F       | Extensive mitigation measures were incorporated into the<br>proposed undertaking from the outset (Sections 7.2 & 7.5.1). This<br>EA went on to examine further mitigation and impact<br>management measures as described in Section 7.5 based on the<br>results and recommendations of the various technical studies<br>(Appendix F), and these were subsequently incorporated into the<br>proposed undertaking as well. Consultation on these matters with<br>government agencies, Indigenous Communities and interested<br>members of the public is ongoing in association with the release of<br>this draft EA report (see Section 10). |  |
| 7.1     | The 'do nothing' alternative will be carried forward in this EA in the<br>form of the environmental baseline conditions for the assessment of<br>the proposed undertaking. These conditions will be explicitly<br>described during the evaluation of the proposed undertaking, and<br>the environmental advantages and disadvantages of the proposed<br>undertaking will be systematically compared to the 'do nothing'<br>alternative in order to determine whether the proposed undertaking<br>is appropriate. | 7.3<br>7.4<br>7.6<br>App. F       | The 'do nothing' alternative is introduced in Section 7.3.1.3 of this<br>EA and explicitly described for each component of the<br>environment in subsequent sections. Each of the technical studies<br>(Appendix F) systematically compares the potential and net effects<br>of the undertaking to the corresponding "do nothing" baseline, all<br>of which is summarized in Sections 7.4 and 7.6, respectively.   |  |
| 7.2     | During the Environmental Assessment, WEG will establish and<br>evaluate specific alternatives within each of five categories of  | 6.<br>10.                         | Section 6 of this EA documents Walker's assessment of the five sets of alternative methods approved in the ToR. This assessment  |  |

|         | Approved Amended Terms of Reference (ToR)   | Environmental Assessment Report (EA) |   |
|---------|---|--------------------------------------|---|
| Section | Requirement   | Sections                             | Summary   |
|         | <ul> <li>alternative methods, in consultation with government agencies,</li> <li>Aboriginal Communities and interested members of the public: <ol> <li>Landfill footprint</li> <li>Landfill design</li> <li>Leachate treatment</li> <li>Landfill gas management</li> <li>Haul route/site entrance</li> </ol> </li> </ul>  |                                      | was carried out collaboratively through a series of public<br>workshops and CLC meetings. The results were published in an<br>interim alternative methods report circulated to government<br>agencies, Indigenous Communities and interested members of the<br>public for comment (see Section 10).   |
| 8.1     | The 'alternative methods' of carrying out the proposed undertaking<br>will be evaluated following the comparative evaluation methodology<br>set out in Section 8.1. These steps will be repeated, in consultation<br>with government agencies, Aboriginal Communities and the general<br>public as key interested parties, for each set of alternatives.  | 6.<br>10.                            | The approved evaluation methodology for the examination of<br>alternative methods is reproduced in Section 6.2 of this EA, and<br>followed explicitly for the evaluation of each set of alternatives as<br>described subsequently in Section 6. These assessments were<br>carried out collaboratively through a series of public workshops<br>and CLC meetings. The results were published in an interim<br>alternative methods report circulated to government agencies,<br>Indigenous Communities and interested members of the public for<br>comment (see Section 10). |
| 8.2     | The evaluation of the proposed undertaking, incorporating the preferred alternatives, will be carried out following the comprehensive impact assessment methodology set out in Section 8.2. The assessment will be completed in accordance with the environmental assessment criteria, study areas, durations and technical studies described in Appendix B to the Terms of Reference. The steps in the evaluation will be conducted in consultation with government agencies, Aboriginal Communities, the general public and any other interested parties. | 7.<br>10.<br>App. F                  | The approved evaluation methodology for the examination of the proposed undertaking is reproduced in Section 7.1 of this EA, and followed explicitly for the evaluation as described subsequently in Section 7 and in the various technical reports (Appendix F). Consultation with government agencies, Indigenous Communities, the general public and any other interested parties was carried out through the review of technical work plans and is ongoing in association with the release of this draft EA report (see Section 10).                                  |
| 8.2     | WEG, and its technical experts, will refine then finalize its draft<br>technical work plans during the EA, once the preferred alternatives<br>have been selected, in further consultation with government<br>agencies, Aboriginal Communities and interested members of the<br>public. These will include detailed descriptions of the specific study<br>area(s), study durations, criteria, indicators and data sources<br>associated with each study.   | 10.<br>App. F                        | Draft versions of the technical work plans were prepared and<br>circulated for review and comment by government agencies,<br>Indigenous Communities and interested members of the public<br>prior to initiating the detailed assessment of the proposed<br>undertaking (see Section 10). The final technical work plans,<br>incorporating any revisions resulting from consultation, are<br>incorporated into the study methodologies presented in each of<br>the technical study reports in Appendix F.  |

|              | Approved Amended Terms of Reference (ToR)   |                      | Environmental Assessment Report (EA)   |  |
|--------------|---|----------------------|--|--|
| Section      | Requirement   | Sections             | Summary  |  |
| 9.           | The EA will include a comprehensive list of commitments made by<br>WEG during the development of the Terms of Reference, and identify<br>where or how they have been addressed within the EA.   | 4.<br>App. C         | Section 4 and this table (from Appendix C) provides a comprehensive list of commitments made by WEG during the development of the Terms of Reference, and identifies where and/or how each has been addressed within this EA.  |  |
| 9.           | <ul> <li>The EA will include a comprehensive list of commitments made by</li> <li>WEG during the preparation of the Environmental Assessment, which will include:</li> <li>Mitigation and impact management measures;</li> <li>Additional works and studies to be carried out;</li> <li>Monitoring and reporting;</li> <li>Consultation with interested parties;</li> <li>Contingency planning; and</li> <li>Documentation and correspondence.</li> </ul>                                 | 9.1                  | Section 9.1 presents a comprehensive list of commitments made<br>by WEG during the preparation of this Environmental Assessment<br>that addresses each of these items (where relevant).  |  |
| 9.           | The EA will include a monitoring and reporting framework for all<br>phases of the proposed undertaking including both compliance<br>monitoring and effects monitoring.  | 8.1<br>9.2<br>App. F | Section 8.1 of this EA outlines the proposed effects monitoring programs, based on the recommendations arising from the technical studies (Appendix F), while Section 9.2 presents the proposed EA compliance monitoring programs.   |  |
| 9. & 10.1    | <ul> <li>In regard to the Joint Municipal Coordination Committee (JMCC) Peer<br/>Review, WEG will:</li> <li>Fund the objective and transparent peer review administered by<br/>the JMCC.</li> <li>Allow the JMCC reasonable access to information needed for the<br/>peer review.</li> <li>Expand the peer review to include a Human Health Risk<br/>Assessment expert.</li> <li>Obtain input from the JMCC peer review team prior to finalizing<br/>the technical work plans.</li> </ul> | 10.5.1               | <ul> <li>Section 10.5.1 of the EA summarizes engagement with the JMCC including how WEG:</li> <li>Funded a peer review administered by the JMCC.</li> <li>Allowed the JMCC reasonable access to information needed for the peer review.</li> <li>Expanded the peer review to include a Human Health Risk Assessment expert.</li> <li>Obtained input from the JMCC peer review prior to finalizing the technical work plans.</li> </ul> |  |
| 9. &<br>10.1 | <ul> <li>In regard to the Community Liaison Committee (CLC), WEG will:</li> <li>Maintain the CLC as a consultation vehicle during the EA process.</li> <li>Obtain input from the CLC at key points in the process including the initiation of the EA process, the finalization of the technical work plans and the draft EA report.</li> </ul>  | 10.3.6               | <ul> <li>Section 10.3.6 of the EA summarizes engagement with the CLC including how WEG:</li> <li>Maintained the CLC as a consultation vehicle during the preparation of this EA, including 19 CLC meetings.</li> <li>Obtained input from the CLC at key points in the process including the initiation of the EA process, alternative methods, preferred alternatives, and the finalization of the technical work plans.</li> </ul>    |  |

|           | Approved Amended Terms of Reference (ToR)   |                  | Environmental Assessment Report (EA)  |  |
|-----------|---|------------------|---|--|
| Section   | Requirement   | Sections         | Summary   |  |
|           |   |                  | • Obtained and will continue to obtain input from the CLC associated with this draft EA report.   |  |
| 9. & 10.1 | <ul> <li>In regard to Aboriginal Communities, WEG will:</li> <li>Fund a common peer review that will be available to all<br/>Aboriginal Communities.</li> <li>Conduct reasonable additional peer review work that may<br/>be requested by individual communities.</li> <li>Complete the engagement processes outlined by individual<br/>Aboriginal Communities, where applicable.</li> </ul>  | 10.4             | <ul> <li>Section 10.4 of the EA summarizes engagement with Indigenous<br/>Communities including how WEG:</li> <li>Funded a common peer review (Neegan Burnside) on behalf<br/>of Walpole Island First Nation that was available to all<br/>Indigenous Communities for review.</li> <li>Followed the engagement processes and protocols outlined<br/>by individual Indigenous Communities, where reasonable and<br/>applicable.</li> </ul>   |  |
| 10.2      | During the EA, WEG will carry out the Consultation Plan set out in<br>Section 10.2 of the Terms of Reference with government agencies,<br>Aboriginal Communities, and interested members of the public.   | 10.1             | Section 10.1 of the EA outlines how WEG is carrying out the<br>Consultation Plan set out in Section 10.2 of the ToR with<br>government agencies, Indigenous Communities and interested<br>members of the public.  |  |
| 10.2      | <ul> <li>The following consultation will be carried out as part of the Notice of Commencement of the EA activities:</li> <li>Prepare and distribute an official Notice of Commencement in accordance with MECP standards.</li> <li>Post the Notice in local newspapers, on the project website, mailed to local municipalities, Aboriginal Communities, and distributed to interested parties on the mailing list.</li> <li>Hold a CLC meeting about the Minister's decision on the ToR and outline the plan for the EA process.</li> </ul> | 10.3.3<br>10.3.6 | <ul> <li>Section 10.3.3 &amp; 10.3.6 of the EA outlines the details of the completed consultation activities associated with the Notice of Commencement, including;</li> <li>Preparation and distribution of the official Notice of Commencement in accordance with MECP standards.</li> <li>Posting of the Notice in local newspapers, on the project website, mailed to local municipalities, First Nations, and distributed to interested parties on the mailing list.</li> <li>Held a CLC meeting about the Minister's decision on the ToR and outlined the plan for the EA process.</li> </ul> |  |
| 10.2      | <ul> <li>Identification and Evaluation of Alternatives required consultation activities:</li> <li>Open House or Drop-in Exhibit;</li> <li>CLC Meeting; and</li> <li>Community Exchange/Newsletter.</li> </ul>   | 10.3.4<br>10.3.6 | <ul> <li>Section 10.3.4 &amp; 10.3.6 of the EA summarizes the completion of the required consultation activities related to the Identification and Evaluation of Alternatives including: <ul> <li>A public workshop;</li> <li>3 CLC meetings; and</li> <li>2 Community Exchange/Newsletters.</li> </ul> </li> </ul>   |  |
| 10.2      | <ul> <li>Identification of the Preferred Alternative required consultation activities:</li> <li>Open House or Drop-in Exhibit; and</li> <li>Community Exchange/Newsletter</li> </ul>  | 10.3.4<br>10.3.6 | <ul> <li>Sections 10.3.4 &amp; 10.3.6 of the EA summarizes the completion of the required consultation activities related to the Preferred Alternative including: <ul> <li>A public workshop;</li> <li>A CLC meeting; and</li> </ul> </li> </ul>  |  |

|         | Approved Amended Terms of Reference (ToR)  |                            | Environmental Assessment Report (EA)   |
|---------|--|----------------------------|--|
| Section | Requirement  | Sections                   | Summary  |
|         |  |                            | A Community Exchange/Newsletter.   |
| 10.2    | <ul> <li>Review of the Final Technical Work Plans required consultation activities:</li> <li>Open House or Drop-in Exhibit;</li> <li>Input from the JMCC PRT;</li> <li>CLC meeting; and</li> <li>Community Exchange/Newsletter.</li> </ul>   | 10.3.4<br>10.3.6<br>10.5.3 | <ul> <li>Sections 10.3.2, 10.5.4, &amp; 10.5.3 of the EA summarizes the completion of the required consultation activities related to the Review of the Final Technical Work Plans including: <ul> <li>An Open House;</li> <li>5 CLC meetings;</li> <li>A Community Exchange/Newsletter; and</li> <li>Peer review input from the JMCC, Ingersoll Peer Review and GRT.</li> </ul> </li> </ul> |
| 10.2    | <ul> <li>Review of Preferred Design and Mitigation Program required consultation activities:</li> <li>Open House or Drop-in Exhibit;</li> <li>Input from the JMCC PRT;</li> <li>CLC meeting; and</li> <li>Community Exchange/Newsletter.</li> </ul>  | [Pending]                  | [The required consultation activities associated with the review of<br>Preferred Design and Mitigation Program will take place prior to<br>final EA submission in conjunction with the review of this Draft EA<br>Report.]   |
| 10.2    | <ul> <li>Notice of EA Submission required consultation activities:</li> <li>Prepare and distribute the Notice of Submission in accordance with MECP standards.</li> <li>Publish the Notice in the local paper, on the project website, mailed to local municipalities and interested Aboriginal Communities and distributed to interested parties on the mailing list.</li> </ul>  | [Pending]                  | [The required consultation activities associated with the Notice of EA Submission will take place at the final EA submission.]   |
| 10.3    | During the EA, WEG will carry out the Engagement Plan set out in<br>Section 10.3 of the Terms of Reference with Aboriginal Communities.<br>The consultation program will be consistent with Section 10.2.  | 10.4                       | Section 10.4 of the EA outlines how Walker carried out the<br>Engagement Plan set out in Section 10.3 of the Terms of Reference<br>with Indigenous Communities. The consultation program was<br>consistent with Section 10.2 of the ToR.   |
| 11.     | Certain aspects may be refined and expanded during the preparation<br>of the EA, in consultation with government agencies, Aboriginal<br>Communities and interested members of the public. Any potential<br>adjustments would be minor in nature and intended to enhance the<br>process, but would not ultimately alter the scope or purpose of the<br>EA. WEG will communicate through appropriate consultation<br>activities any aspect of flexibility introduced during the preparation<br>of the environmental assessment, along with the corresponding<br>rationale, and document the same in the environmental assessment. | 4.<br>App. C               | Section 4 and Table C-2 in Appendix C identify adjustments made<br>by Walker over the course of preparing the EA, and the rationale<br>for each. This table will be circulated in conjunction with the draft<br>EA for consultation with government agencies, Indigenous<br>Communities and interested members of the public.  |

|         | Approved Amended Terms of Reference (ToR)  |             | Environmental Assessment Report (EA)  |
|---------|--|-------------|---|
| Section | Requirement  | Sections    | Summary   |
| 12.     | The environmental assessment will outline any other approvals that   | 11.         | Section 11 provides a description of the other approvals that can   |
|         | may be required.   |             | be anticipated in order to carry out this undertaking.  |
|         | Terms of Reference – Notice of Appr  | oval, Amend | lments (March 17, 2016)   |
| 1.      | Arrange meetings/workshops between Walker's technical experts<br>and the respective technical experts of the Technical Review Team,<br>Ministry of Natural Resources and Forestry, Conservation Authority,<br>Community Liaison Committee and the Committee Peer Review<br>Team to review the revised draft work plans and see resolution of<br>any outstanding technical issues; the surface water and ecology<br>meetings shall be held in advance of spring sampling. | 10.5.2      | <ul> <li>Section 10.5.2 of the EA details the circulation of, and input from, technical experts regarding the revised draft work plans. At their subsequent requests, joint meetings were also held between Walker's technical experts and the respective government and peer review experts from the MECP, UTRCA, JMCC PRT, Ingersoll PRT, and Southwestern Public Health to discuss any outstanding technical issues regarding the work plans on the following dates:</li> <li>2017-09-20: Air Quality, Noise &amp; Vibration Work Plans</li> <li>2017-09-26: Groundwater and Surface Water Work Plans</li> <li>2017-11-28: Human Health and Supplementary Health Review Work Plans</li> <li>2017-11-28: Human Health and Supplementary Health Review Work Plans</li> <li>2017-11-28: Human Health and Supplementary Health Review Work Plans</li> <li>2017-11-28: Human Committee as follows:</li> <li>Meetings regarding the revised technical work plans were also held with the Community Liaison Committee as follows:</li> <li>Meeting 24 (2017-01-25): Traffic, Visual, Cumulative Effects</li> <li>Meeting 25 (2017-02-22): groundwater &amp; surface water, ecology, cultural heritage</li> <li>Meeting 26 (2017-03-22): social, agricultural, economic</li> <li>Meeting 27 (2017-04-26): air quality, human health risk assessment, noise/vibration, archaeology</li> <li>Meeting 28 (2017-05-24): ecology, cumulative effects</li> </ul> |
| 2.      | Consult with the Ministry of the Environment and Climate Change,   | 10.3.2      | Section 10.5.2 of the EA describes how the Updated Draft Work   |
|         | including the Source Programs Protection Branch prior to the   | Vol. III    | Plans were circulated to government agencies on April 4, 2017 for   |
|         | finalization of all water resource-related work plans to ensure that the proposed methods for the collection and analysis of   | App. I-4    | review and input before finalization.   |
|         | environmental monitoring data are consistent at a minimum with any   |             | Walker received comments on the updated Draft Groundwater   |
|         | monitoring requirements which may be required by the Ministry of   |             | and Surface Water Work Plans from the Source Water Protection   |

|         | Approved Amended Terms of Reference (ToR)   |          | Environmental Assessment Report (EA)   |
|---------|---|----------|--|
| Section | Requirement   | Sections | Summary  |
|         | the Environment and Climate Change in subsequent approvals under<br>the Ontario Water Resources Act or the Environmental Protection<br>Act.   |          | Branch on April 25, 2017. Comment disposition tables can be found in Volume III Appendix I-4.  |
| 3.      | Associated approvals may be required under the Aggregate<br>Resources Act that may include a partial or complete licence<br>surrender, or a site plan amendment; Walker shall work with the<br>licensee and identify these associated approvals in its environmental<br>assessment.   | 11.6     | Section 11.6 describes the approvals required for necessary<br>amendments under the <i>Aggregate Resources Act</i> . During the<br>course of preparing the ToR and/or this EA, Walker consulted with<br>the quarry owner as well as the Ministry of Natural Resources and<br>Forestry regarding these approvals.   |
| 4.      | Undertake water chemistry monitoring that will use analytical<br>methods of sufficient sensitivity to quantify water concentrations at<br>the levels of the Provincial Water Quality Objectives. Where an<br>objective does not exist for a water quality variable, an objective will<br>be determined in consultation with the Ministry of the Environment<br>and Climate Change.  | App. F   | The surface water and groundwater testing were carried out with<br>sufficient sensitivity relative to the Provincial Water Quality<br>Objectives.<br>Walker received comments on the Updated Draft Groundwater &<br>Surface Water Work Plans from the MECP on April 25, 2017.  |
| 5.      | Undertake benthic community monitoring that will use quantitative<br>(fixed-area) and qualitative sampling and species-level taxonomic<br>resolution. The data so collected shall be analyzed using a suite of<br>multi-metric indices or multivariate statistical analysis of sufficient<br>sensitivity and precision to reach conclusions about impacts or<br>potential impacts to water quality.   | App. F   | The ecology assessment, which included benthic community<br>monitoring, was carried out in accordance with these<br>requirements.  |
| 6.      | Consult with the Ministry of the Environment and Climate Change<br>prior to the finalization of air quality work plans to ensure that the<br>proposed studies will adequately characterize the existing<br>environment, given the potential for cumulative impacts, as well as<br>allow for accurate prediction of impacts during the entire life cycle of<br>the proposed landfill. This consultation shall include, but not<br>necessarily be limited to the list of species to be monitored, the<br>number and location of monitors, the type of monitors to be used<br>and quality assurance and quality control procedures. This<br>consultation and subsequent work plans will build upon the other<br>studies undertaken in the area by the Ministry of the Environment<br>and Climate Change, the municipalities, and Public Health Ontario.<br>Walker will provide the Ministry of the Environment and Climate<br>Change with full access to all monitors and will ensure that all | App. F   | The air quality assessment was carried out in accordance with<br>these requirements. Walker and its consultants worked in<br>conjunction with Ministry staff to develop the list of species to be<br>monitored, co-locate monitoring installations, confirm the type of<br>monitors, confirm quality assurance and quality control<br>procedures, share data, and incorporate data from other<br>assessments where appropriate and relevant. |

|         | Approved Amended Terms of Reference (ToR)   |                             | Environmental Assessment Report (EA)   |
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| Section | Requirement   | Sections                    | Summary  |
|         | sampling locations are designed and operated to permit co-located sampling.   |                             |  |
| 7.      | Walker shall characterize the potential net effects of the proposed<br>landfill on groundwater, surface water and related ecology. Where<br>necessary and appropriate, the study areas will be extended to<br>include the broader ecosystem including the Thames River basin.   | 7.6<br>App. F               | The potential net effects of the proposed landfill on groundwater,<br>surface water and related ecology are summarized in Section 7.6,<br>and detailed in the associated technical reports in Appendix F.<br>These net effects were determined to be limited and localized, and<br>not significant at the broader ecosystem or Thames River basin<br>scale.  |
| 8.      | As part of this process, Walker shall consult with the Ministry of the<br>Environment and Climate Change on the comparative evaluation<br>methods for the selection of the preferred alternative, as well as the<br>detailed technical studies to be used. Walker shall consult with the<br>Ministry of the Environment and Climate Change, other appropriate<br>government reviewers, Aboriginal communities and members of the<br>public early in the environmental assessment process, before the<br>preferred alternative method has been selected, regarding the<br>nature and scope of the proposed environmental assessment studies,<br>specifically including early consultation on the development of the air<br>quality, human health, surface water and groundwater studies. This<br>early consultation will provide an opportunity for Walker to receive<br>input from regulators and interested parties on how potential<br>impacts may be identified, and this input will be reflected in the | 5.2<br>5.3<br>7.3<br>App. F | <ul> <li>Walker held a meeting with its MECP EA Project Officer on April</li> <li>28, 2016 to review the comparative evaluation process for the alternative methods assessment.</li> <li>Walker also met with the JMCC Project Manager, and EA Planner, on June 30, 2016 to discuss both the alternative methods assessment process and the cumulative effects assessment process, with a follow-up memo issued on July 14, 2016.</li> <li>Updated draft work plans for each of the technical studies required for the EA were circulated by email and posted on the project website for review by government agencies, Indigenous Communities and interested members of the public beginning April 4, 2017. These work plans were then finalized incorporating</li> </ul> |
|         | measures developed to mitigate potential environmental impacts.<br>The technical studies will use methods for the collection and analysis<br>of data that are scientifically sound and defensible, so that the<br>proposed site, potential contaminant pathways in the subsurface<br>environment, and all potential environmental impacts of the<br>proposed undertaking are clearly understood. Walker will undertake<br>environmental assessment studies to adequately describe baseline<br>conditions and demonstrate that it can clearly understand the<br>proposed site and potential environmental impacts of the proposed<br>undertaking. This will include that Walker will evaluate the 'do<br>nothing' alternative using a full range of natural, social, economic,<br>cultural and technical criteria. The specific set of environmental   |                             | <ul> <li>all input received and the final work plans were posted to the project website. The results were subsequently incorporated into the technical studies as reflected in the methodology sections in Appendix F.</li> <li>The technical studies, and resulting reports in Appendix F, each specifically address the required matters set out in this amendment, including: <ul> <li>Scientifically sound and defensible methods;</li> <li>Baseline conditions assessment (see also Section 7.3 of this EA);</li> <li>Evaluation of the "do nothing" alternative (see also Section 7.3.1.3 of this EA);</li> </ul> </li> </ul>  |

|         | Approved Amended Terms of Reference (ToR)  |                      | Environmental Assessment Report (EA)  |
|---------|--|----------------------|---|
| Section | Requirement  | Sections             | Summary   |
|         | criteria and evaluation methods will be confirmed in consultation<br>with the public, Aboriginal communities and government reviewers.   |                      | <ul> <li>A full range of evaluation criteria (see also Section 5.3 of this EA).</li> <li>The EA criteria and evaluation methods were previously presented and approved in the ToR following consultation with the public, Indigenous Communities and government reviewers, and subsequently confirmed in the EA (see Sections 5.2 &amp; 5.3)</li> </ul>   |
| 9.      | As part of the environmental assessment, Walker shall consider and<br>evaluate alternative methods for the separation, at source, at the<br>landfill or by other method, of Industrial, Commercial and<br>Institutional waste such as, but not limited to, recyclables and<br>organics that may have other end uses outside of final landfill<br>disposal.   | 7.2.6                | Walker included in its description of the proposed undertaking in<br>Section 7.2.6 a further update on its resource recovery activities,<br>associated efforts to divert waste from landfill disposal and<br>proposed initiatives to enhance these efforts in the future.   |
| 10.     | The Groundwater/Surface Water Assessment set out in Appendix B,<br>Section 5.7 of the Terms of Reference shall specifically include:<br>mapping of geological exposures in the existing quarry, along with<br>investigations and testing, to determine the presence and<br>significance of fractures and karst features within the bedrock, in<br>consultation with an expert in karst geology.  | 7.3.6<br>App. F      | The groundwater assessment (Appendix F) was carried out in<br>association with Dr. S Worthington, a qualified and recognized<br>expert in the field of Karst geology. Dr. Worthington participated<br>in the mapping of the existing quarry faces and examined the<br>related hydrogeological investigations and testing in order to<br>conclude that there are no significant large-scale Karst effects at<br>this site. |
| 11.     | The evaluation of the proposed undertaking set out in Section 8.2, pages 31-34 of the Terms of Reference shall include a separate characterization of the noise emissions from major potential sources (i.e., landfill, Carmeuse quarry/lime manufacturing, and stationary sources from both), which will highlight their individual contributions, in further consultation with the Ministry of the Environment and Climate Change. The stationary source sound level of the quarry/lime plant operation should be added to the stationary source sound level component of the landfill and compared to the appropriate limit. The landfilling activity sound level should be compared to the appropriate limit. The only background sound acceptable for the purpose of modifying stationary or landfilling limits shall be the sound of road traffic vehicles not related to Carmeuse or Walker operations, taking the 1-hour predictable worst case (lowest sound level) applicable to day or night limits. The stationary source sound total shall be added | 7.3<br>7.4<br>App. F | The noise assessment was carried out in accordance with these requirements.   |

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| Section | Requirement   | Sections             | Summary  |
|         | to the landfilling sound level, and presented as "cumulative effect";<br>this is for environmental assessment purposes only and does not<br>have an established limit for future Environmental Compliance<br>Approval assessment. The sound level of Carmeuse-related off-site<br>truck traffic at the Points of Reception should be presented as<br>"Existing Haul Route Traffic", the predicted sound level of Walker-<br>related off-site truck traffic shall be presented as "New Haul Route<br>Traffic", and the sum of the two shall be presented as "Total Haul<br>Route Traffic".   |                      |  |
| 12.     | <ul> <li>Walker shall also prepare a cumulative effects assessment work plan<br/>and implement the following activities:</li> <li>a. Prior to finalizing the cumulative effects assessment work plan,<br/>Walker shall be required to consult with the Ministry of the<br/>Environment and Climate Change in the development of a draft<br/>cumulative effects assessment work plan on the method and how<br/>the assessment of cumulative effects should be presented in the<br/>environmental assessment. Walker shall also consider the<br/>guidance document Addressing Cumulative Environmental Effects<br/>under the Canadian Environmental Assessment Act (CEAA, 2007)<br/>when drafting its cumulative effects assessment work plan. In<br/>addition, Walker shall use cumulative effects assessment<br/>guidance documents issued by the Ministry of the Environment<br/>and Climate Change in the environmental assessment, if and<br/>when available.</li> <li>b. Walker shall be required to post the draft cumulative effects<br/>assessment work plan on the project website, communicate the<br/>availability of the draft cumulative effects assessment work plan<br/>for review and comment by government agencies, Aboriginal<br/>Communities and interested members of the public in<br/>conjunction with the proposed public Open Houses or a Drop-In<br/>Exhibit (Terms of Reference, Section 10.2, pages 68), circulate<br/>copies of the work plan ministry's Technical Review Team, the<br/>Ministry of Natural Resources and Forestry, the Conservation</li> </ul> | 5.6<br>10.<br>App. G | <ul> <li>a. Walker held a meeting with its MECP EA Project Officer on<br/>April 28, 2016 to review the proposed cumulative assessment<br/>process. The scope and content of a draft cumulative effects<br/>assessment work plan was discussed with the MECP EA Project<br/>Officer in a subsequent meeting held on March 30, 2017.</li> <li>b. A draft cumulative effects work plan addressing the<br/>requirements of the Minister's ToR amendment was prepared<br/>and posted to the project website on April 6, 2017 with an<br/>invitation to government agencies, Indigenous Communities<br/>and interested members of the public to comment by April 30,<br/>2017.</li> <li>c. Walker held two meetings on the updated draft cumulative<br/>effects assessment work plan with the CLC (Meeting 24 and<br/>Meeting 28).</li> <li>d. Walker received comments from the MECP on the updated<br/>draft cumulative effects work plan in April 2017.</li> <li>e. The final version of the <i>Work Plan: Cumulative Effects<br/>Assessment in the Southwestern Landfill EA</i> incorporating<br/>comments and suggestions resulting from consultation was<br/>posted to the project website on October 6, 2017 and is<br/>included in Appendix G, with a summary in Section 5.6.</li> </ul> |

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| Section | Requirement   | Sections | Summary  |
|         | <ul> <li>Authority, Aboriginal communities and the Committee Peer<br/>Review Team for review and comment.</li> <li>c. Arrange meetings/workshops, where requested to discuss the<br/>draft cumulative effects assessment work plan.</li> <li>d. Consult with the Ministry of the Environment and Climate change<br/>on the finalization of the cumulative effects assessment work<br/>plan.</li> <li>e. Post the final cumulative effects assessment work plan on the<br/>project website.</li> </ul>   |          |  |
| 13.     | In addition to the proposed health risk assessment, Walker's health<br>expert shall carry out a screening-level review of the socio-economic<br>assessment results to determine the potential for related health<br>effects. Early in the environmental assessment process, prior to<br>finalizing any work plans associated with the determination of health<br>effects, Walker shall consult with the Joint Municipal Coordinating<br>Committee and local medical officer of health to get input on the<br>criteria and methods of assessment. As part of this consultation,<br>Walker will discuss with the Joint Municipal Coordinating Committee<br>and local medical officer of health, at a minimum, the determinants<br>of health that will be assessed, and the different stages of<br>assessment that will be undertaken including screening, scoping,<br>assessment, mitigation, reporting and monitoring.<br>Walker shall provide detailed documentation of the issues and<br>concerns raised in the finalization of the health studies work plans<br>and the results. The documentation will include how those issues<br>were considered, the steps that were undertaken to address<br>comments received, where possible, and the rationale for why some<br>comments may not have been addressed. If any significant negative<br>effects are identified as part of the health studies, Walker's health<br>expert will work closely with the social, economic and environmental<br>experts, including the Joint Municipal Coordinating Committee and<br>local medical officer of health, to determine what, if any, further<br>studies are necessary and adapt or augment their mitigation<br>recommendations to minimize or eliminate these potential effects, | App. F   | <ul> <li>An updated draft Human Health Risk Assessment Work Plan was prepared and posted to the project website on March 27, 2017 for review and comment, along with red-line and "plain language" versions.</li> <li>A meeting was held between Walker's health assessment consultant, the Acting Medical Officer of Health and the JMCC health peer reviewer on November 28, 2017 to discuss the health assessment work plan and, specifically, the scope of the socioeconomic screening review.</li> <li>A final version of the HHRA Work Plan was posted to the project website on February 21, 2018 incorporating comments and suggestions raised through consultation, and reflected in the methodology documented in the health assessment report (Appendix F).</li> <li>[Note: The results of the health assessment will be reviewed by the Joint Municipal Coordinating Committee health peer review expert and local Medical Officer of Health in conjunction with the issuance of this draft EA and documented in the final EA.]</li> </ul> |

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| Section | Requirement  | Sections                                 | Summary   |  |
|         | and characterize any residual net effects for the purposes of this<br>environmental assessment. This decision-making will also be<br>documented.   |  |   |  |
| 14.     | In its environmental assessment, Walker shall include an assessment<br>on how the preferred project may contribute to greenhouse gas<br>emissions. In addition, Walker will assess the potential effects of<br>climate change on the preferred alternative, and related potential<br>risks to the environment resulting from these effects. For example,<br>the assessment of potential effects may include, but not limited to,<br>effects related to severe weather events on stormwater<br>management. The environmental assessment shall include a<br>consideration of climate change adaptation measures to reduce and<br>manage such potential effects during all periods (Operational Period,<br>which includes construction, and Post Closure Period) of the<br>preferred alternative. Walker shall use climate change assessment<br>guidance documents issued by the Ministry of the Environment and<br>Climate Change in the environmental assessment, if and when<br>available. | 7.2.5<br>7.4.1<br>7.6<br>8.2.4<br>App. F | Prior to initiating the EA, Walker consulted with its MECP Project<br>Officer to seek guidance and propose approaches to deal with<br>climate change in the EA studies. Subsequently, when a draft<br>"Guide: Consideration of Climate Change in Environmental<br>Assessment in Ontario" was issued (and since finalized as of<br>October 2017) it was reviewed to ensure consistency with the<br>approach taken in this EA.<br>Section 7.2.5 of this EA describes how climate change adaptation<br>has been incorporated into the design and operation of the<br>proposed landfill, in both the operational and post-closure periods,<br>including such aspects as storm water management. Section 8.2.4<br>also outlines contingency plans for the landfill operation that will<br>be in place to deal with extreme weather events and other<br>climate-related issues.<br>Sections 7.4.1 and 7.6 include discussion regarding the substantial<br>net positive effect that the proposed landfill will have on |  |
|         |  |  | greenhouse gas emissions, based on a report included in Appendix<br>F.  |  |
| 15.     | <ul> <li>In completing its Terms of Reference, Walker shall:</li> <li>a. Demonstrate that the proposed undertaking is capable of meeting the requirements under Ontario Regulation 232/98.</li> <li>b. Demonstrate whether the undertaking will be consistent with the purpose of the Environmental Assessment Act, in particular the protection, conservation and wise management of the environment. This will include a full description of impacts to the environment and human health from all phases of the project, construction, operation, closure and post-closure.</li> </ul>   | 7.2<br>8.<br>14.                         | a. Section 7.2 presents a description of the proposed undertaking that is based on the requirements of O. Reg. 232/98 (Landfill Standards), while Section 8 outlines associated effects monitoring, reporting and contingency plans that are also consistent with these regulatory requirements. The Design & Operations report to be submitted with the application for an Environmental Compliance Approval under the <i>Environmental Protection Act</i> will be directly founded on the assumptions detailed in this EA. As a result, Walker believes that the proposed undertaking is capable of meeting the requirements of O. Reg. 232/98.   |  |

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| Section Requirement                       |   | Sections Summary                     |  |  |
|   |   |                                      | b. Furthermore, based on the EA assessment documented herein<br>that includes a full description of impacts to the environment<br>and human health from all phases of the project, Walker has<br>concluded in Section 14 that the proposed undertaking can be<br>carried out in an environmentally safe and acceptable manner,<br>and that, on balance of the environmental advantages and<br>disadvantages, this proposed undertaking would be consistent<br>with the purpose of the <i>Environmental Assessment Act</i> ,<br>namely "the betterment of the people of the whole or any part<br>of Ontario by providing for the protection, conservation and<br>wise management in Ontario of the environment."  |  |
|   | Addenda to the Approved Amended Terms of Reference  | e, Additiona                         | l Commitments and Errata (May 10, 2016)  |  |
| #1.                                       | <ul> <li>Section 8.2, p. 34, Section 10.1, p. 50 and Section 10.2, p. 67-68 of the ToR commits WEG to having its technical experts consider input provided during the review of the ToR when the technical work plans are finalized at the appropriate stage in the EA process, in further consultation with government agencies, Aboriginal Communities and interested members of the public. Following the identification of the Preferred Alternative(s), WEG further commits to : <ul> <li>a) Prepare revised drafts of the work plans that reflect the Preferred Alternative(s) as well as comments received from government agencies, Aboriginal Communities and interested members of the ToR.</li> <li>b) Post copies of the revised drafts of the work plans to the WEG EA website.</li> <li>c) Communicate the availability of the revised drafts of the work plans to the WEG EA website.</li> <li>c) Communicate the availability of the revised drafts of the public in conjunction with the proposed public Open House or a Drop-in Exhibit (ToR, Section 10.2, p. 68).</li> <li>d) Circulate copies of the revised draft work plans to the respective</li> </ul> </li> </ul> | 10.<br>App. F<br>App. I              | <ul> <li>a) Updated draft work plans were prepared to reflect comments received during the review of the ToR.</li> <li>b) The updated draft work plans for each of the technical studies required for the EA were circulated and posted on the project website for review by government agencies Indigenous Communities and interested members of the public between April 4 and April 30, 2017.</li> <li>c) A notice of the Public Open House on the Updated Draft Work Plans was advertised in the Ingersoll Times (April 5 and 12, 2017) and Oxford Review (April 6 and 13, 2017), event details and reference materials were posted to project website on March 29, 2017, the March 2017 Community Exchange by mail and email was distributed to project subscribers on February 23, 2017, and the Public Open House on the Updated Draft Work Plans was held on April 19, 2017</li> <li>d) Walker distributed email notification to government agencies with links to the updated work plans for review on the project website beginning on April 4, 2017.</li> </ul> |  |

| Approved Amended Terms of Reference (ToR) |   | Environmental Assessment Report (EA) |  |
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| Section                                   | Requirement   | Sections                             | Summary  |
|   | the Ministry of Natural Resources (MNR), the Upper Thames River<br>Conservation Authority (UTRCA), and the Joint Municipal<br>Coordinating Committee (JMCC) Peer Review Team (PRT) for<br>review and comment.   |                                      | <ul> <li>e) Walker distributed email and letter notification to Indigenous<br/>Communities of the availability of the updated work plans for<br/>review on April 10, 2017.</li> <li>f) Walker held an Information Session on the updated draft work</li> </ul>   |
|   | <ul> <li>e) Circulate copies of the revised draft work plans to Aboriginal<br/>Community representatives for review and comment.</li> <li>f) Arrange meetings between WEG technical experts and Aboriginal<br/>Community representatives to review the revised draft work<br/>plans and seek resolution of any outstanding technical issues.</li> <li>g) Finalize the work plans considering the input received from all<br/>parties.</li> <li>h) Post copies of the final work plans, for information, to the WEG<br/>EA website, and circulate copies to the respective technical<br/>experts of the TRT, MNR, UTRCA, and the JMCC PRT, and to<br/>Aboriginal Community representatives.</li> <li>i) Notify the respective technical experts of the TRT, MNR, UTRCA,<br/>and the JMCC PRT, and Aboriginal Community representatives, of<br/>the field work schedule so they may arrange with WEG to<br/>observe, if it is reasonable, permissible and safe to do so.</li> </ul> |                                      | <ul> <li>i) Walker field an information session on the updated draft work plans with Indigenous Communities on March 21, 2017.</li> <li>g) Walker finalized the work plans incorporating input received from all parties.</li> <li>h) Walker posted 11 of the 13 finalized work plans on October 6, 2017. The last two work plans were finalized and posted on the project website on February 21, 2018. Notices were provided to government agencies, Indigenous Communities, and the public.</li> <li>i) Walker notified government review agencies, Indigenous Communities and the CLC of the field work schedule to arrange participation as field monitors alongside the technical experts. Participants from the JMCC, TRT, CLC, and Indigenous Communities attended as monitors over the course of the field work activities.</li> <li>The results were subsequently incorporated into the technical studies as reflected in the methodology sections in Appendix F.</li> </ul> |
| #2.                                       | WEG will arrange a technical meeting with the JMCC PRT's EA<br>planning expert in advance of completing the alternative methods<br>evaluation to review the methodology and the degree of technical<br>input/review that may be required.   | App. I                               | Walker met with the JMCC Project Manager, and EA Planner, on<br>June 30, 2016 to discuss the alternative methods assessment<br>process, with a follow-up memo issued on July 14, 2016 (Appendix<br>I).   |
| #3.                                       | WEG will make available any data it collects related to the Thames<br>River to regulatory agencies that request the data to support their<br>ongoing programs.  | App. I                               | Walker made all data collected for the purposes of this EA<br>available to regulatory agencies.<br>More specifically, at the request of the Southwestern Region office<br>of the MECP, Walker shared its groundwater investigation and<br>monitoring data.   |
| #4.                                       | The forecast of future baseline conditions for the proposed<br>undertaking, set out in Section 8.2, p. 32, Item 2 of the ToR, will<br>include specific consideration of the ongoing dewatering and  | 7.3.2<br>App. F                      | The continued mining and rehabilitation of the quarry operations<br>in the vicinity of the proposed landfill site were specifically<br>forecast in the land use assessment (Appendix F, summarized in  |

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| Section                                   | Requirement  | Sections                             | Summary  |
|   | rehabilitation of the quarries currently operated by Carmeuse Lime<br>(Canada) Ltd.  |                                      | Section 7.3.2) and factored into each of the technical assessments, where relevant (Appendix F). The related quarry dewatering was also specifically evaluated as part of the groundwater assessment (Appendix F).   |
| #5.                                       | The evaluation of the proposed undertaking set out in Section 8.2, p.<br>31-34 of the ToR, will specifically identify, recognize and determine<br>any potential effects upon the Wellhead Protection Areas (WHPA)<br>associated with the municipal drinking water wells, Highly Vulnerable<br>Aquifers (HVA) and Significant Groundwater Recharge Areas (SGRA)<br>identified in the source water protection studies.   | 7.3.6<br>App. F                      | The groundwater assessment (Appendix F) specifically examined<br>the potential for effects related to these source water protection<br>features, as summarized in Section 7.3.6.   |
| #6.                                       | WEG will consult further with the County of Oxford during the EA to identify any pre-existing plans for municipal well field expansion, and incorporate those into the evaluation of the proposed undertaking set out in Section 8.2, p. 31-34 of the ToR.   | App. F                               | Contact with the County of Oxford's water supply consultant on<br>March 22, 2019 determined that the County has no current plans<br>for municipal well field expansion.  |
| #7.                                       | WEG acknowledges that the <i>Endangered Species Act, 2007</i> (ESA)<br>provides both species protection (Section 9) and habitat protection<br>(Section 10) to individuals listed as Endangered or Threatened on the<br>Species at Risk in Ontario List. In the EA, WEG will undertake<br>fieldwork to identify endangered species and threatened species and<br>undertake an assessment of their habitat. WEG, through the EA, will<br>also identify and, where possible, avoid impacts to endangered<br>species and threatened species and their habitats. This will be<br>completed in consultation with the Ministry of Natural Resources.<br>WEG will engage MNR to determine whether the activities as<br>proposed would likely result in a contravention of the ESA. WEG is<br>committed to obtaining any necessary authorizations to ensure<br>compliance with the ESA. | 7.3.7<br>11.<br>App. F               | <ul> <li>The ecological assessment (Appendix F) documents fieldwork and evaluation of endangered and threatened species and their habitats, in consultation with the Ministry of Natural Resources and Forestry. MNRF provided comments on the updated draft ecology work plan for Walker's consideration before finalizing the work plans.</li> <li>The following correspondence &amp; meetings took place with the MNRF:</li> <li>Beacon submitted a request for species at risk records to MNRF on January 24, 2018.</li> <li>MNRF responded to the request on February 7, 2018.</li> <li>Beacon submitted 19 butternut samples for genetic testing to the Ontario Forest Research Institute on August 7, 2018.</li> <li>Beacon received the results of the genetic testing from the Forest Gene Conservation Association (which works with the Ontario Forest Research Institute) on August 23, 2018.</li> <li>Beacon submitted an inquiry about the status of the Bank Swallow colony that was documented at the site during breeding bird surveys.</li> <li>MNRF responded on March 28, 2019.</li> </ul> |

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| Section Requirement S                     |  | Sections                             | Summary  |
|   |  |                                      | A summary of the findings is provided in Section 7.3.7 of this EA.<br>Section 11 details further approvals that may be necessary related<br>to endangered species or species at risk.      |
| #8.                                       | Following the establishment of the preferred haul route(s) as<br>regulated under the <i>Highway Traffic Act</i> , and the collection of<br>baseline data during the preparation of the EA, WEG will consult with<br>the Ministry of Transportation Ontario (MTO) regarding Highway 401<br>interchanges and work cooperatively with the MTO on any further<br>assessment that they wish to carry out. | App. I                               | Walker and its traffic consultant met with staff from the MTO on<br>May 19, 2017 to review the traffic work plan and discuss<br>community concerns regarding the Highway 401 interchanges. |
| #9.                                       | In the ToR, Appendix B, Section 5.8 Human Health Risk Assessment, add the following item to the scope of work: " <i>Review, document and support the non-carcinogenic and carcinogenic toxicological reference values to be used in the risk assessment</i> ".   | App. F                               | Included in the scope of work for the health risk assessment.  |

## Table B2: Summary of Flexibility Adopted in the Environmental Assessment

The following table summarizes aspects of this EA where minor adjustments were made to the requirements of the Approved Amended Terms of Reference to enhance the EA process, or to accommodate new circumstances or information, without altering the overall scope or purpose of the EA, and in consultation with government agencies, Indigenous Communities and interested members of the public (as relevant).

|    | Adjustment or Addition to the Approved Amended<br>Terms of Reference (ToR) Requirements  | Rationale  | Consultation  |
|----|--|--|---|
| 1. | <ul> <li>Additional Public Open Houses</li> <li>Further to the consultation requirements in Section 10.2 of the ToR, Walker held two additional public open houses during the development of the EA: <ul> <li>A drop-in public open house on September 1, 2016; and</li> <li>A three-day drop-in open house at the Walker project office between November 28-30, 2017.</li> </ul> </li> <li>Section 10.3.5 details the purpose of each public event held during the EA.</li> </ul> | As the first in-person public event since the<br>approval of the ToR, the first additional open<br>house (September 1, 2016) was as an<br>opportunity to discuss the Southwestern<br>Landfill proposal, provide an overview of the<br>EA process and key milestones, and meet with<br>local community members to answer<br>questions, prior to upcoming public events<br>focused on Alternative Methods.<br>The second additional drop-in open houses<br>(November 28-30, 2017) were an opportunity<br>to provide an update on field work that had<br>been completed to-date and answer questions<br>about the proposal. It was also provided as a<br>public event located in the Town of Ingersoll. | Walker consulted CLC members and local<br>elected officials in advance to the first<br>public meeting. Walker heard from the<br>public that public events should be held<br>closer to the proposed site (i.e., Beachville<br>versus public events that were held during<br>the development of the ToR which were<br>held in Woodstock, ON.<br>Walker received input from the public at<br>previous public events in Beachville, that a<br>future public event should be held in the<br>Town of Ingersoll (i.e., accessibility). |
| 2. | Additional Community Liaison Committee (CLC)<br>Meetings<br>Further to the consultation requirements in Section<br>10.2 of the ToR, Walker held 18 additional CLC<br>meetings during the development of the EA.<br>Section 10.3.6 summarizes the purpose of each CLC<br>meeting held during the EA.  | The additional CLC meetings were identified<br>and added throughout the progress of the EA.<br>These meetings provided the opportunity to<br>explore topics in greater depths, have subject<br>matter experts in attendance and receive<br>meaningful input from the CLC on the various<br>components of the EA.   | Walker consulted members of the CLC to<br>identify and agree on the scope and<br>frequency of additional CLC meetings.  |

|    | Adjustment or Addition to the Approved Amended<br>Terms of Reference (ToR) Requirements   | Rationale   | Consultation  |
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| 3. | Additional Community Exchange NewslettersFurther to the consultation requirements in Section10.2 of the ToR, Walker distributed an additional 15Community Exchange Newsletters.Copies of the Community Exchange Newsletter are inVolume III Appendix I-1.                   | To provide regular informational updates to<br>interested public stakeholders about the<br>Southwestern Landfill proposal throughout<br>the preparation of the EA.  | N/A   |
| 4. | Launch of a project specific Facebook Page<br>Further to the consultation requirements in Section<br>10.2 of the ToR, Walker launched a project specific<br>Facebook page:<br>https://www.facebook.com/WEGSouthwesternLandfill  | Recognizing that many community members<br>are active on social media, Walker launched<br>the Facebook page as an additional way to<br>connect with and share information about the<br>Southwestern Landfill proposal.  | Walker received input from local<br>community members identifying additional<br>ways to provide information about the<br>Southwestern Landfill. This included the<br>suggestion of having a social media<br>presence. |
| 5. | <b>Field monitoring</b><br>Further to the consultation requirements in Section<br>10.2 of the ToR, Walker provided opportunities for<br>Indigenous Communities, CLC members and local<br>elected officials to participate in field monitoring for<br>key technical studies. | Participation in fieldwork is an additional way<br>for Indigenous Communities and interested<br>members of the public to learn about the<br>proposed site and fieldwork activities (i.e.<br>ecological data collection, groundwater well<br>drilling/installation) and to provide their<br>perspectives and input for consideration in the<br>EA. | Walker consulted the various key<br>stakeholders to identify dates to<br>accompany the consultants in the field as<br>monitors.   |

|    | Adjustment or Addition to the Approved Amended<br>Terms of Reference (ToR) Requirements  | Rationale   | Consultation  |
|----|--|---|---|
| 6. | Tours<br>Further to the consultation requirements in Section<br>10.2 of the ToR, Walker made available tours available<br>to interested stakeholders.<br>Throughout the EA process, Walker hosted 9 tours at<br>the Niagara Environmental Campus, 9 tours at the<br>proposed SWLF site in Ingersoll, and 1 tour of the<br>Lafleche Moose Creek facility. | <ul> <li>Walker made a standing offer to interested<br/>stakeholders to participate in a tour of the<br/>Walker Environmental Campus in Niagara as<br/>an opportunity to learn more about the<br/>company, how moderns landfill work, and to<br/>see an operating landfill of similar size and<br/>design to the Southwestern Landfill proposal.</li> <li>Walker provided tours of the proposed site<br/>provided an opportunity for Local<br/>Government staff and council and members of<br/>the CLC to learn more about the details for the<br/>proposed site.</li> <li>Finally, Walker arranged a tour of the Lafleche<br/>Environmental Facility in Moose Creek with<br/>COTTFN to learn more about the use leachate<br/>treatment technology used at the facility<br/>which is similar to the technology being<br/>proposed at the SWLF.</li> </ul> | Walker organized each tour in consultation<br>with the interested individual or group,<br>providing groups travel arrangements and<br>food/refreshments.                              |
| 7. | Additional review opportunities for the JMCC PRT &<br>Ingersoll PRT<br>Section 10.2 of the Approved Amended Terms of<br>Reference outlines the review opportunities for the<br>JMCC PRT and the Addenda outlines additional<br>commitments to the JMCC PRT.  | To provide an opportunity to gain input early<br>and throughout the EA process.   | Walker consulted with the JMCC PRT and<br>Ingersoll PRT to conduct an early peer<br>review of the interim Alternative Methods<br>and Facility Characteristics Assumptions<br>reports. |

|    | Adjustment or Addition to the Approved Amended<br>Terms of Reference (ToR) Requirements   | Rationale  | Consultation   |
|----|---|--|--|
| 8. | Adjustment to the local newspaper for distribution of<br>the notice of the release of the Draft EA report.<br>Section 10.2 of the Approved Amended Terms of<br>Reference indicates that Walker will distribute all<br>official notices at key milestones throughout the EA<br>will be published in newspapers such as the Ingersoll<br>Times and Oxford Review. | In June 2018, the Ingersoll Times and the<br>Oxford Review closed. As a result, Walker<br>published the notice of the release of the<br>Draft EA Report in the Woodstock Sentinel. | The adjustment to the local newspaper<br>distribution was made in consultation with<br>the MECP project officer.             |
| 9. | The study area for EA Criterion #2 ( <i>Effects due to exposure to air emissions</i> ) was expanded to also include the <i>Wider Study Area</i> , in order to account for the emission of greenhouse gases.   | The potential effects of greenhouse gas emissions are global in scale.   | The assessment of greenhouse gas<br>emissions and a discussion of their scope<br>are included, in context, in the EA report. |
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