### Campaign 1: Cheshire L-97A (Well #1)

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<th>CEAA Condition</th>
<th>Condition</th>
<th>Activity Description/Verification</th>
<th>Project Phase</th>
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<td><strong>PRE - SPUD PHASE</strong></td>
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<tr>
<td>7.1</td>
<td>The Proponent shall submit an implementation schedule for conditions contained in this Decision Statement.</td>
<td>Shell has created a Project Implementation Schedule (this document) as per the requirements of this Condition. The schedule is based upon the best available information and knowledge to satisfy each condition at the time of submission.</td>
<td>Pre-spud</td>
<td>15-Sep-15</td>
<td>12-Jan-17</td>
<td>The Project Implementation schedule was first submitted to the CNSOPB on September 15, 2015. The submission was made 30 days prior to commencement of drilling of the Cheshire well which occurred on October 22, 2015. This final implementation schedule was submitted to the CNSOPB on January 12, 2017.</td>
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<td>7.2</td>
<td>The Proponent shall notify the Board of any changes to the implementation schedule required under condition 7.1 at least 30 days prior to implementation of the changes, if feasible, and shall not implement the changes unless accepted by the Board.</td>
<td>If changes to the implementation schedule are required, Shell will comply with Condition 7.2 and will notify the CNSOPB at least 30 days prior to implementing these changes, if feasible.</td>
<td>All phases</td>
<td>15-Sep-15</td>
<td>21-Sep-16</td>
<td>This final implementation schedule was submitted to the CNSOPB on January 12, 2017. Over the course of the well, Shell updated the implementation schedule to reflect changes in the drilling schedule and activities relating to each condition. Any changes to the scope and/or timing of activities were discussed and accepted by the CNSOPB.</td>
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<td>2.5</td>
<td>The Proponent shall make the report, the executive summary referred to in conditions 2.4 as well as the implementation schedule referred to in condition 7.1 available on its website when the report or schedule is submitted to the Board. The proponent shall keep these documents available on its website for a minimum of 5 years after completion of the Designated Project unless otherwise specified by the Board.</td>
<td>Shell has created a Shellbourne Project page on its Shell Canada company website at <a href="http://www.shell.ca/en/ca/about-us/projects-and-projects/shelbourne-basin-venture-exploitation-projects.html">http://www.shell.ca/en/ca/about-us/projects-and-projects/shelbourne-basin-venture-exploitation-projects.html</a>. The website will be available to load the implementation schedule 30 days prior to the commencement of drilling as well as posting the final report following suspension/abandonment of each well.</td>
<td>Pre-spud</td>
<td>15-Sep-15</td>
<td>20-Dec-16</td>
<td>On September 15th, 2015, the first implementation schedule was loaded to Shell's Shelbourne Basin Venture Exploration Drilling Project webpage at <a href="http://www.shell.ca/shelbourne">http://www.shell.ca/shelbourne</a> and Shell's Corporate Website <a href="http://www.shell.ca">http://www.shell.ca</a>. The Project Implementation Schedule was first submitted to the CNSOPB on September 15, 2015. The submission was made 30 days prior to commencement of drilling of the Cheshire well which occurred on October 22, 2015. This final implementation schedule was submitted to the CNSOPB on January 12, 2017.</td>
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<tr>
<td>3.2</td>
<td>The Proponent shall apply the Offshore Chemical Selection Guidelines for Drilling &amp; Production Activities on Frontier Lekites issued by the National Energy Board, the Canada-Nova Scotia Offshore Petroleum Board and the Canada-Nova Scotia Offshore Petroleum Board to select lower toxicity chemicals that would be used and discharged into the marine environment, including drilling fluid constituents, and shall submit any necessary risk justification as per Step 10 of the Guidelines to the Board for acceptance prior to use.</td>
<td>Shell has prepared a Chemical Selection &amp; Review Process in accordance with the Offshore Chemical Selection Guidelines (OCSG) and the internal Shell requirements. This process outlines the assessment to be completed on all chemicals proposed to be used and discharged into the marine environment as part of the Project. If any proposed chemicals do not pass the selection process, risk justification were submitted for the CNSOPB for acceptance or a lower toxicity alternative selected, if feasible.</td>
<td>All phases</td>
<td>15-Sep-15</td>
<td>20-Dec-16</td>
<td>It is in accordance with the Offshore Chemical Selection Guidelines (OCSG), Shell has developed the Chemical Selection and Review Process (CSRP) to assess all chemicals proposed for use and discharge into the marine environment as part of the Project. The OCSG incorporates external regulatory guidance provided by CNSOPB through the OCSG as well as internal guidance via Shell’s internal chemical risk screening process, as required by Shell’s Health, Safety, Environment and Social Performance Control Framework (HSE &amp; SP). These two processes were combined to provide complete characterization and risk evaluation of the proposed chemicals to enable the selection of lower toxicity chemicals for use and discharge into the marine environment. If a chemical did not pass the OCSG selection criteria, alternatives were investigated. If there were no viable alternatives, Shell addressed any chemicals that did not pass the selection process with the CNSOPB prior to use. This review process continued throughout the Project.</td>
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<tr>
<td>3.4</td>
<td>The Proponent shall conduct a pre-drill survey at each well site to determine the presence of any Military Unexploded Ordnance. If any such ordnance is detected, the Proponent shall consult the Board to determine an appropriate course of action prior to commencing drilling.</td>
<td>Shell will conduct a Military Unexploded Ordnance (UXO) Pre-Drill Survey using the ROV prior to commencement of drilling. Shell will submit the results of Military Unexploded Pre-Drill Surveys to CNSOPB via email if nothing is found. Shell will contact the CNSOPB immediately if an item of concern is detected.</td>
<td>Pre-spud</td>
<td>20-Oct-15</td>
<td>22-Oct-15</td>
<td>The pre-drill Remotely Operated Vehicle (ROV) survey was completed on October 28th, 2015. No UXOs were identified. The survey result was submitted to the CNSOPB on October 22, 2015 and accepted on October 28, 2015.</td>
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<tr>
<td>3.5</td>
<td>The Proponent shall conduct a pre-drill survey to identify any aggregations of habitat forming corals or sponges, or species at risk at each well site prior to drilling and report results to the Board within 48 hours of the completion of the survey.</td>
<td>Shell will conduct a pre-drill survey using the ROV prior to commencement of drilling. This survey will be completed in conjunction with the Military ordnance pre-drill survey. A marine scientist will assess the presence of coral, sponge or other species at risk.</td>
<td>Pre-spud</td>
<td>20-Oct-15</td>
<td>22-Oct-15</td>
<td>A pre-drill ROV survey was completed for aggregations of habitat forming coral or sponges, or species at risk on October 23, 2015. No aggregations of habitat forming coral or sponges, or species at risk were identified (as confirmed by a Marine Scientist). A letter of results was submitted to the CNSOPB on October 22, 2015. The results of the survey were deemed acceptable by the CNSOPB on October 28, 2015.</td>
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<tr>
<td>3.6</td>
<td>If aggregations of habitat forming corals or sponges, or species at risk are confirmed, the Proponent shall move the drilling unit to avoid them, unless in doing so would not be technically feasible. If not technically feasible, the Proponent shall consult with the Board prior to commencing drilling to determine an appropriate course of action to the Board’s satisfaction.</td>
<td>A marine scientist will assess the presence of coral, sponge or other species at risk. If, any of the video/imagery acquired from the ROV if it is determined the location of the drill will directly impact habitat forming coral, sponge or species at risk, Shell will assess the technical feasibility of moving the well location. Shell will discuss the results with the CNSOPB upon completion of the assessment and provide written and verbal justification/rationale to the CNSOPB. If it is not feasible to move the unit prior to the commencement of drilling.</td>
<td>Pre-spud</td>
<td>20-Oct-15</td>
<td>22-Oct-15</td>
<td>A letter of results was submitted to the CNSOPB on October 22, 2015 noting that no aggregations of habitat forming corals or sponges, or species at risk were identified during the pre-drill ROV survey. See Condition 3.5.</td>
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### Projects

#### 3.10

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<thead>
<tr>
<th>Condition</th>
<th>Activity Description/Verification</th>
<th>Project Phase</th>
<th>Commencement Date</th>
<th>Completion Date</th>
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<tbody>
<tr>
<td>Shell will implement a speed limit of 10 knots for support vessels operating in the project area, as well as when marine mammals or sea turtles are observed or reported to be in the vicinity of the vessel; and 10.10.3 requiring support vessels to use established shipping lanes, where they exist.</td>
<td>All phases</td>
<td>05-Oct-15</td>
<td>21-Sep-16</td>
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#### 3.11.3 (of 3.12)

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<tr>
<th>Condition</th>
<th>Activity Description/Verification</th>
<th>Project Phase</th>
<th>Commencement Date</th>
<th>Completion Date</th>
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<tbody>
<tr>
<td>Shell prepared a draft acoustic monitoring plan for the verification of underwater noise levels predicted within the EIS. The plan was submitted to the CNSOPB 30 days prior to the commencement of drilling, on September 17, 2015. The plan was updated and resubmitted to the CNSOPB on October 21, 2015, when the contractor for this work was selected and the scope of work further refined.</td>
<td>Pre-spud</td>
<td>17-Sep-15</td>
<td>15-Mar-16</td>
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<tr>
<td>Shell will acquire acoustic data during the first phase of drilling, i.e. In initiated post spud but within 130 days of drilling Monterey Jack) to verify the predictions made within the EIS. Following the completion of the Program, results will be compiled within a report and submitted to the CNSOPB 90 days after the Monterey Jack well is suspended and/or abandoned.</td>
<td>Drilling</td>
<td>Monterey Jack 31-Oct-16</td>
<td>Monterey Jack 2-Nov-16</td>
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<tr>
<td>The Proponent will monitor effects on fish and fish habitat, including marine mammals and sea turtles, to verify the accuracy of the predictions made during the environmental assessment and to evaluate the effectiveness of mitigation measures identified under conditions 3.1 to 3.12, including: 3.12.3 verifying predicted underwater noise levels with field measurements during the first phase of the drilling program. The proponent shall provide to the Board a plan on how this will be conducted at least 10 days in advance of drilling and the monitoring results within 90 days after a well is suspended and/or abandoned.</td>
<td>Post Suspension /Abandonment</td>
<td>TBD 2017 - Monterey Jack</td>
<td>TBD 2017 - Monterey Jack</td>
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#### 5.1

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<th>Condition</th>
<th>Activity Description/Verification</th>
<th>Project Phase</th>
<th>Commencement Date</th>
<th>Completion Date</th>
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<tbody>
<tr>
<td>Shell has developed a Mi’kmaq Fisheries Communications Plan and a Fisheries Stakeholder Communications Plan in consultation with Aboriginal groups and fisheries stakeholders. Drafts of both plans were presented to Nova Scotia and New-Brunswick First Nations in May and June 2015, and to commercial fisheries stakeholders at the CNSOPB FAC meeting in May 2015. Feedback has been received and incorporated into the Plans. Final plans will be distributed to both groups prior to the commencement of drilling. Both plans describe steps to be taken by Shell to communicate with Aboriginal groups and fisheries stakeholders before, during and at the conclusion of drilling operations; and in the unlikely event of an emergency. Shell will notify fishes a minimum of 3 weeks prior to the commencement of drilling.</td>
<td>Pre-spud</td>
<td>15-May-15</td>
<td>21-Sep-16</td>
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<tr>
<th>Condition</th>
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<th>Commencement Date</th>
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<tr>
<td>The Proponent shall consult with Aboriginal and commercial fishers to minimize the potential for conflicts between the Designated Project and fishing activities, including by developing and implementing a Fisheries Communications Plan to address communications prior to and during drilling, testing and abandonment each well. The plans shall include procedures to notify fishers a minimum of two weeks prior to starting each well and to communicate with fishers in the event of an accident or malfunction that may result in adverse environmental effects and requires measures to be taken in relation to conditions 6.9 and 6.10.</td>
<td>Pre-spud</td>
<td>23-Oct-15</td>
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### Campaign 1: Cheshire L-97A (Well #1)

#### 6.2

- **Condition**: The Proponent shall prepare an Oil-Spill Response Plan and a Well-Containment Plan in accordance with the Board's requirements and submit the Plan to the Board for acceptance at least 90 days prior to drilling.

- **Activity Description/Verification**: Shell has prepared an Oil-Spill Response Plan (OSRP) and Well Containment Plan (also referred to as the Source Control Contingency Plan (SCCP)). They have both been submitted to the CNSOPB for review and acceptance.

- **Project Phase**: Pre-spud
- **Completion Date**: 22-Sep-15

#### 6.3

- **Condition**: The Oil Spill Response Plan shall include:
  - 6.3.1 procedures to respond to an oil spill (e.g., oil spill containment, oil recovery);
  - 6.3.2 measures for wildlife response, protection, and rehabilitation (e.g., collection and cleaning of marine mammals, birds, and sea turtles) and measures for shoreline protection and clean-up; and
  - 6.3.3 procedures to notify the Board and other relevant regulatory agencies on the occurrence of any oil spill to water in accordance with applicable reporting requirements.

- **Activity Description/Verification**: Shell has developed detailed plans covering procedures to respond to an oil spill including the recovery and containment of oil. Shell has drafted a Wildlife Response Plan as part of the Oil Spill Response Plan (OSRP) that outlines measures for addressing potential impact to wildlife in the event of an incident. Shell submitted an Incident Reporting and Investigation Guide to CNSOPB describing notification and reporting processes during any incident. This plan has been accepted by the CNSOPB.

- **Project Phase**: Pre-spud
- **Completion Date**: 22-Sep-15

#### 6.4

- **Condition**: The Proponent shall conduct an exercise of the Oil Spill Response Plan prior to the commencement of drilling and adjust the plan to the satisfaction of the Board to address any deficiencies identified during the exercise.

- **Activity Description/Verification**: Shell successfully completed a Tier III Emergency Response exercise in April, 2015. The Oil Spill Response Plan (OSRP) was updated based on findings from the exercise and it has been submitted to the CNSOPB.

- **Project Phase**: Pre-spud
- **Completion Date**: 23-Apr-15

#### 6.6

- **Condition**: The Well Containment Plan shall include:
  - 6.6.1 a Relief Well Contingency Plan; and
  - 6.6.2 a Well Capping Plan describing the plan to mobilize and deploy a capping stack, if required.

- **Activity Description/Verification**: The Well Containment Plan (also referred to as the Source Control Contingency Plan) includes the Relief Well Contingency Plan and Capping Procedure.

- **Project Phase**: Pre-spud
- **Completion Date**: 22-Sep-15

#### 6.7

- **Condition**: The Proponent shall undertake a Net Environmental Benefit Analysis, to consider all the available spill response options and identify those techniques, including the possible use of dispersants, that will provide for the best opportunities to minimize environmental consequence, and provide it to the Board for review 90 day prior to drilling.

- **Activity Description/Verification**: Shell has provided a Net Environmental Benefit Analysis (NEBA) Report to the CNSOPB for review and acceptance.

- **Project Phase**: Pre-spud
- **Completion Date**: 26-Jan-15

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### STATUS TRACKER (December 30, 2016)

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<tr>
<th>Project Phase</th>
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<th>Completion Date</th>
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<td>Pre-spud</td>
<td>20-Dec-21</td>
<td>22-Sep-15</td>
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<tr>
<td>Pre-spud</td>
<td>7-Apr-15</td>
<td>22-Sep-15</td>
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<td>Pre-spud</td>
<td>20-Apr-15</td>
<td>23-Apr-15</td>
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<tr>
<td>Pre-spud</td>
<td>22-Sep-15</td>
<td>22-Sep-15</td>
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<tr>
<td>Pre-spud</td>
<td>22-Sep-15</td>
<td>22-Sep-15</td>
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<tr>
<td>Pre-spud</td>
<td>26-Jan-15</td>
<td>26-Jan-15</td>
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</table>
The Proponent shall consult with Aboriginal groups during the development of the OSRP Response Plan, the Well Containment Plan and Net Environmental Benefit Analysis and provide the approved versions to Aboriginal groups before the start of drilling.

Shell has and continues to engage/consult with Aboriginal groups on all aspects of oil spill response.

February 2015: During the development of the OSRP, the NEBA and the Well Containment Plan (now referred to as the Source Control Contingency Plan (SCCP)), Shell held three Emergency Preparedness and Response workshops in Nova Scotia (one for Mi'kmaq, one for fisheries stakeholders), and a workshop in New Brunswick (NB) for Aboriginal Groups. The material in these half-day workshops covered oil spill preparedness and response, the NEBA, well containment options and well abandonment.

April 2015: Two Mi'kmaq fisheries participants in incident Command System (ICS) training, and participants as observers in Shell's emergency response exercises. Shell distributed the draft OSRP and NEBA to Aboriginal Groups for review and comment. May 2015: Meeting requests were sent to Mi'kmaq, Eskimos and Acadian First Nations (Mi'kmaq was able to host an information session). A half-day workshop was held in NB for First Nations.

June 2015: A half-day workshop was held with Mi'kmaq Fisheries Managers and the KMKNO. August 2015: The SCCP was consulted on with First Nations and fisheries stakeholders. Shell has offered to meet with wherever the Aboriginal Groups deem appropriate to further discuss the content of the draft documents. September 2015: Shell held meetings with the KMKNO and representatives of the Assembly of Nova Scotia Mi'kmaq Chiefs to discuss emergency response options. Shell will provide approved versions of the OSRP Plan, NEBA, and Well Containment Plan to Aboriginal groups prior to the commencement of drilling.

The Proponent shall treat all discharges from the drilling unit into the marine environment in compliance with the Offshore Waste Treatment Guidelines issued jointly by the Nature Energy Board, the Canada–Newfoundland and Labrador Offshore Petroleum Board and the Canada-Nova Scotia Offshore Petroleum Board, and in accordance with the requirements of the Fisheries Act, the Migratory Birds Convention Act, 1994 and any other applicable legislation.

Shell will comply with the Offshore Waste Treatment Guidelines (OWTG) and any other applicable legislation relating to discharges from the drilling unit into the marine environment. Shell has incorporated relevant requirements into Project specific documents including the Environmental Protection Plan (EPP).

Drilling 23-Oct-15 21-Sep-16

As outlined by the Offshore Waste Treatment Guidelines (OWTG), the EPP is the governing document with respect to management of discharges to the natural environment.

Shell's Chemical Selection and Review Process, in accordance with the Offshore Chemical Selection Guideline (OCSG) confirms that the chemicals used by Shell have been accepted for use and discharge offshore. Project discharges from the (OWTG) into the marine environment are treated in accordance with the OWTG, as these discharges are outlined in and managed as per the Project EPP and associated chemicals discharged have been assessed and deemed acceptable for use and discharge, in accordance with the OCSG. Since discharges are treated in compliance with the OWTG, and the OCSG, they are also considered compliant with the Fisheries Act and Migratory Birds Convention Act, 1994.

The Proponent shall apply fisheries and oceans Canada's statement of Canadian practice with respect to the mitigation of seismic sound in the marine environment during vertical seismic profiling surveys.

Shell will comply with the Statement and the mitigations have been captured within the Project Environmental Protection Plan (EPP).

Drilling 16-Sep-16 15-Sep-16

Shell submitted the full regulatory consultation record for Aboriginal groups and fisheries stakeholders to the Canada–Nova Scotia Offshore Petroleum Board (CNSOPB) on October 7th, 2015. The final hard copy versions of the OSRP, NEBA and Source Control Contingency Plan (SCCP)/Well Containment Plan (WCP) were distributed to Aboriginal groups (KMKNO, 12 Chiefs of the Assembly of Nova Scotia Mi'kmaq Chiefs, Sipekne'katik, St. Mary's, Woodstock and Tory Bello First Nations, Assembly of New Brunwick First Nation Chiefs) via registered mail on October 21, 2015. Close out of this condition was accepted by the CNSOPB on October 29, 2015.

An updated version of the OSRP was provided to the groups outlined above on August 25, 2016.

As outlined by the OSRP, the Well Containment Plan and Net Environmental Benefit Analysis, all discharges outlined within Shell’s Project EIS and EPP, will be implemented during the Project VSP Program. The Program was accepted by the CNSOPB on March 1, 2016. The Program was implemented on September 14 and 15, 2016.

Shell prepared a Marine Mammal Observer (MMO) Program document (CEAA condition 3.8). The mitigations outlined within the Fisheries and Oceans Canada’s Statement of Canadian Practice with Respect to the Mitigation of Seismic Sound in the Marine Environment, in addition to those outlined within Shell’s Project EIS and EPP, will be implemented during the Project VSP Program. The Program was accepted by the CNSOPB on March 1, 2016. The Program was implemented on September 14 and 15, 2016.
### Condition # 3.12.1 (of 3.12)

**Activity Description/ Verification**

- **The Proponent shall monitor effects on fish and fish habitat, including marine mammals and sea turtles, to verify the accuracy of the predictions made during the environmental assessment and to evaluate the effectiveness of mitigation measures identified under conditions 3.1 to 3.11, including:**
  - 3.12.1 measuring and reporting to the Board the concentration of synthetic-based drilling fluids retained on discharged drilling cuttings as described in the Offshore Waste Treatment Guidelines to verify that the discharges meet the limits set out in the guidelines. Concentrations in excess of the limits shall be reported within 24 hours to the Board and treatment adjusted as necessary to prevent further exceedances.

- Shell will compile results of the monitoring in a report and submit to the CNSOPB 90 days post drilling.

- **Drilling**
  - **Commencement Date:** 13-Nov-15
  - **Completion Date:** 15-Oct-16

  Shell began recording daily measurement and reporting concentration of synthetic-based drilling fluids retained on discharged drilling cuttings to the CNSOPB on November 13, 2015 upon the conversion to synthetic-based muds (SBM) post riserless drilling. The concentration of synthetic-on-cuttings (SOC) is measured as described in the ONWTF. Monthly reports are submitted to the CNSOPB on or before the 15th day of every month (for the previous month). The final report for Cheshire was submitted to the CNSOPB on October 15, 2016.

- **Post Suspension/Abandonment**
  - **Commencement Date:** 21-Sept-16
  - **Completion Date:** 20-Dec-16

  The results of the sediment deposition surveys were compiled within the final report; submitted to the CNSOPB and included in the final Project Closure Report (as per Condition 2.4) on December 20, 2016.

  Shell is implementing the conditions of their Canadian Wildlife Service (CWS) Permit that was issued in 2015 (of 8) transects that were not obstructed by the presence of the riser. The partial survey was completed on November 13, 2015 upon the conversion to synthetic based muds (SBM) post riserless drilling. The concentration of synthetic-on-cuttings (SOC) is measured as described in the ONWTF. Monthly reports are submitted to the CNSOPB on or before the 15th day of every month (for the previous month). The final report for Cheshire was submitted to the CNSOPB on October 15, 2016.

### Condition # 3.12.2 (of 3.12)

**Activity Description/ Verification**

- **The Proponent shall monitor effects on fish and fish habitat, including marine mammals and sea turtles, to verify the accuracy of the predictions made during the environmental assessment and to evaluate the effectiveness of mitigation measures identified under conditions 3.1 to 3.11, including:**
  - 3.12.2 collecting sediment deposition information during and after drilling activities to verify modeling predictions and reporting to the Board, within 90 days after a well is suspended and/or abandoned:

- Shell will compile results of the monitoring in a report and submit to the CNSOPB 90 days post drilling.

- **Drilling**
  - **Commencement Date:** 13-Nov-15
  - **Completion Date:** 15-Oct-16

  Shell collected video and imagery of the sea floor and around the well location during the pre-drill ROV survey on October 28th, 2015. The “During” drilling survey was completed on November 4th, 2015.

- **Post Suspension/Abandonment**
  - **Commencement Date:** 25-Sept-16
  - **Completion Date:** 20-Dec-16

  The results of the sediment deposition surveys were compiled within the final report; Shelburne Basin Venture Exploration Drilling Project: Cheshire #97A Sediment Deposition Survey Report, and submitted to the CNSOPB on December 20, 2016.

### Condition # 4.2

**Activity Description/ Verification**

- **The Proponent shall notify the Board at least 30 days in advance of flaring to determine whether the flaring would occur during a period of migratory bird vulnerability, and how it plans to prevent harm to migratory birds.**

- Shell does not anticipate flaring as part of this drilling campaign. In the event that flaring is required, the CNSOPB will be notified in accordance with this condition.

- **N/A**

- **N/A**

- **N/A**

  There was no well testing or flaring required in the drilling of the Cheshire well.

### Condition # 4.3

**Activity Description/ Verification**

- **The Proponent shall implement measures to prevent harm to or killing of migratory birds such as:**
  - 4.3.1 restricting flaring to the minimum required to characterize the well’s hydrocarbon potential and as necessary for the safety of the operation; include the following:
  - 4.3.2 minimizing flaring during night time and during periods of bird vulnerability such as fledging or foraging; and
  - 4.3.3 operating a water-curtain barrier during flaring.

- Shell does not anticipate flaring as part of this drilling campaign. If Shell were to flare, Shell will implement measures to prevent harm or killing of migratory birds in accordance with this Condition.

- **N/A**

- **N/A**

- **N/A**

  There was no well testing or flaring required in the drilling of the Cheshire well.

### Condition # 4.4

**Activity Description/ Verification**

- **The Proponent shall monitor effects on migratory birds, including species at risk, to verify the accuracy of the predictions made during the environmental assessment and to determine the effectiveness of mitigation measures. The proponent shall document and submit to the Board the results of any monitoring carried out under conditions 4.1, 4.2 and 4.3. The documentation shall demonstrate whether the mitigation measures have proven effective and if additional measures are required to comply with condition 4.1.**

- As per the Project EIS, follow-up and monitoring will focus on quantifying the extent of bird mortality. This will involve routine checks for stranded birds on the IceMAX and OSVs during the Drilling phase. Shell does not anticipate flaring as part of this drilling campaign therefore reference to Condition 4.2 and 4.3 does not apply. If flaring were to occur, the results of the monitoring will be managed in accordance with this Condition.

- Shell will compile results of the monitoring in a report and submit to the CNSOPB 90 days post suspension/abandonment.

- **Drilling**
  - **Commencement Date:** 19-Oct-15
  - **Completion Date:** 21-Sep-16

  Shell is implementing the conditions of their Canadian Wildlife Service (CWS) Permit that was issued in 2015 and 2016 for the Project. Conditions include reporting the number of birds captured and released and found deceased onboard all Project supply vessels and the IceMAX. The final reports are provided to CWS annually. This data serves as the basis for which to address potential Project effects on migratory birds and the results are documented within the final report.

- **Post Suspension/Abandonment**
  - **Commencement Date:** 20-Dec-16

  The results of this program were submitted to the CNSOPB within the final Project Closure Report (as per Condition 2.4) on December 20, 2016.
Project Phase | Commencement Date | Completion Date | STATUS TRACKER
---|---|---|---
Pre-spud | 05-Aug-15 | 23-Nov-15 | Shell utilized the information included in the CNSOPB Operational Authorization (OA) Checklist Item #17 Description of the Decommissioning and Abandonment of the Site (referred to as the Well Abandonment Plan) as part of the consultation regarding the well abandonment plans for the Project. Shell consulted with Aboriginal groups and commercial fishers with regards to the planned abandonment operations from August through October 2015, to allow appropriate consideration of any potential fisheries implications with leaving the subsea wellheads in place. Shell distributed the draft Well Abandonment Plan to Aboriginal groups and commercial fishers in August 2015 and requested feedback and comments by October 1, 2015. Furthermore, Shell discussed engagement options with Aboriginal groups and utilized the September 2015 FAC meeting to efficiently engage with commercial fishers. Shell re-submitted the Well Abandonment Plan to Aboriginal groups and commercial fishers in November 2015 requesting final feedback and comments. In November 2015, Shell discussed the plans with fisheries stakeholders that attended the South Shore Engagement sessions held in Yarmouth, Shelburne and Bridgewater, Nova Scotia. Engagement has been conducted on both the suspension and abandonment options. The results of the engagement on the Well Abandonment Plan are captured in the updated engagement record. These records, along with the Well Abandonment Plan, were provided to the CNSOPB for acceptance on January 13th, 2016.
Drilling | 07-Jan-16 | | Shell submitted the Well-Abandonment Plan and the regulatory engagement record for Aboriginal groups and fisheries stakeholders to the CNSOPB on January 13th, 2016. This condition was accepted by the CNSOPB on January 14, 2016.

The Proponent shall provide the details of its operation, including the safety zone during drilling and testing, to the Marine Communications and Traffic Services for broadcasting and publishing in the Notices to Shipping, and the location of the abandoned wellheads if left on the seafloor.

Shell will provide a NOTSHIP 14 days prior to the commencement of drilling operations, as per Shell’s commitment. The notification will include details regarding the proposed drilling operations, as well as details of the safety zone for each well.

Shell will provide a NOTSHIP including the location of the wellheads prior to the commencement of abandonment operations.

The Notice to Shipping and the Notice to Mariners are on the Project Operational Update communications distribution list. The contents of the communication included details of the operation and the safety zone. The fisheries notifications went out on Tuesday mornings, First Nation notifications were provided every second Tuesday, and the monthly notification to Chiefs were provided on the last Tuesday of every month.

Shell provided a notification of well abandonment, including the location of the abandoned wellhead, to Marine Communications and Traffic Services (MCTS), and others, on September 13, 2016 within 2 weeks of abandoning the Cheshire well.

The Proponent shall implement its Oil Spill Response Plan, including:

- 6.1 monitoring the effects of oiling on components of the marine environment to be identified by the Board until specific endpoints identified in consultation with expert government departments are achieved. As applicable, monitoring may include:
  - 6.1.1 sensory testing of seaweed for taint, and chemical analysis for oil concentrations and any other associated contaminants
  - 6.1.2 measuring levels of contamination in recreational and commercial fish species (e.g., cod and Atlantic herring); and
  - 6.1.3 monitoring for marine mammals, sea turtles, and birds with indicative signs of oiling and reporting results to the Board.

The OIL Spill Response Plan (OSRP) and associated contingency plans will be implemented in the event of an accident or malfunction having the potential to cause adverse environmental effects. Monitoring will be implemented in accordance with this Condition, as appropriate.

Drilling | 23-Oct-15 | 21-Sep-16 | The OSRP and Wildlife Response Plan (WFP) would be implemented in the event of an accident or malfunction having the potential to cause adverse environmental effects. All response strategies proposed including monitoring the marine environment and completing measurement and testing, as appropriate, would be developed in consultation and coordination with the applicable federal regulatory agencies, Aboriginal groups, the public, other stakeholders and the CNSOPB, as lead-agency.

In the event of a subsea well blowout, the Proponent shall, in addition to condition 6.5, implement its Well Containment Plan and begin the immediate mobilization of primary and back-up capping stacks and associated equipment to the project area to stop the spill.

Shell has developed a Source Control Contingency Plan and a number of associated contingency plans designed to cover relief well drilling, capping and containment and other response operations. These plans include detailed information related to mobilization and logistics of specified equipment (such as capping stacks). Shell ensures access to this equipment through its global response network partners and membership agreements with a number of Tier 2 and 3 Oil Spill Response Organizations (OSROs). Shell conducts assessments of capping stack vessel and relief well rig availability to inform Shell and the CNSOPB of operational readiness for capping stack and relief well rig deployments, if required.

Drilling | 23-Oct-15 | 21-Sep-16 | Shell developed the Capping Procedure for the Project to outline the initiation, mobilization and deployment of the primary capping stack and back-up capping stack, if required. Shell has access to this equipment through its global response network partners and membership agreements with a number of Tier 1 and Tier 2 Oil Spill Response Organizations (OSROs). Shell conducts assessments of capping stack vessel and relief well rig availability to inform Shell and the CNSOPB of operational readiness for capping stack and relief well rig deployment, if required.
### Campaign 1: Cheshire L-97A (Well #1)

#### 2.4

The Proponent shall, within 90 days after each well is suspended and/or abandoned, submit to the Board a report, inclusive of an executive summary of the report in both official languages. The Proponent shall implement the following:

- 2.4.1 implementation activities undertaken for each of the conditions; and
- 2.4.2 for conditions set out in this Decision Statement for which consultation is a requirement, how it has been satisfied.

Shell will prepare and record the results of the Marine Mammal Observer Program to the Board within 30 days of the completion of the survey. The results of the Marine Mammal Observer Program will be completed within a report and submitted to the CNSOPB within 30 days of the completion of the survey.

<table>
<thead>
<tr>
<th>Condition</th>
<th>Activity Description/ Verification</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.4</td>
<td>Shell will assemble the requested information in a final report and provide it to the CNSOPB within 90 days after each well is suspended and/or abandoned.</td>
</tr>
</tbody>
</table>

#### Post Suspension/abandonment

<table>
<thead>
<tr>
<th>Commencement Date</th>
<th>Completion Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>20-Dec-16</td>
<td></td>
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</tbody>
</table>

#### 3.9

The Proponent shall review the OSRP and update it as required following completion of each well. Shell will review the OSRP and update it, if required, following the completion of each proposed exploration well.

<table>
<thead>
<tr>
<th>Commencement Date</th>
<th>Completion Date</th>
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</thead>
<tbody>
<tr>
<td>15-Sep-16</td>
<td>14-Oct-16</td>
</tr>
</tbody>
</table>

#### 6.5

The Proponent shall report the results of the Marine Mammal Observer Program to the Board within 30 days of the completion of the survey. The results of the Marine Mammal Observer Program will be completed within a report and submitted to the CNSOPB within 30 days of the completion of the survey.

<table>
<thead>
<tr>
<th>Commencement Date</th>
<th>Completion Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>23-Oct-15</td>
<td>20-Dec-16</td>
</tr>
</tbody>
</table>

#### ALL PROJECT PHASE

<table>
<thead>
<tr>
<th>Condition</th>
<th>Activity Description/ Verification</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.2.2</td>
<td>Shell will retain and make available upon request to the Board the information contained in Condition 8.1 for a minimum of 5 years after completion of the Designated Project unless otherwise specified by the Board or in Nova Scotia, for a location within Canada and agreed upon by the Board, the local facility no longer be maintained.</td>
</tr>
<tr>
<td></td>
<td>Project documentation shall be retained and made available upon request to the CNSOPB for a minimum of 5 years after completion of the Project workscope. Documents shall be accessible in electronic format in Nova Scotia at the designated Shell office. Should this office be closed, documents will be made available from Shell Centre, Calgary, Alberta.</td>
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</table>

<table>
<thead>
<tr>
<th>Commencement Date</th>
<th>Completion Date</th>
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</thead>
<tbody>
<tr>
<td>23-Oct-15</td>
<td>20-Dec-21</td>
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</tbody>
</table>

### STATUS TRACKER (December 30, 2016)

- Shell submitted the final Closure report to the CNSOPB on December 20, 2016. It includes an executive summary in both official languages. The final Closure report addresses all items outlined within Condition 2.4.
### Campaign 1: Cheshire L-97A (Well #1)

<table>
<thead>
<tr>
<th>CEAA Condition #</th>
<th>Condition</th>
<th>Activity Description/ Verification</th>
<th>Project Phase</th>
<th>Commencement Date</th>
<th>Completion Date</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>3.3</strong></td>
<td>The Proponent shall treat all discharges from support vessels into the marine environment in compliance with the International Convention for the Prevention of Pollution from Ships.</td>
<td>Shell’s support vessels will comply with the International Convention for the Prevention of Pollution from Ships. All vessels selected for the Shelburne Project will maintain a valid IOPP Certificate. This is a condition of the Classification Society and has been verified during initial inspections. This is an ongoing compliance item and will be a part of verification visits for the life of the campaign.</td>
<td>All phases</td>
<td>23-Oct-15</td>
<td>21-Sep-16</td>
</tr>
<tr>
<td><strong>3.11</strong></td>
<td>The Proponent shall promptly report any collision with marine mammals or sea turtles to the Board, and through Canadian Coast Guard Radio.</td>
<td>As documented within the Project EPP as well as the Wildlife Response Plan, Shell will contact the CNSOPB, The Coast Guard as well as Marine Animal Response Society (MARS) to report any collisions with marine mammals or sea turtles.</td>
<td>All phases</td>
<td>23-Oct-15</td>
<td>21-Sep-16</td>
</tr>
<tr>
<td><strong>4.1</strong></td>
<td>The Proponent shall carry out all phases of the Designated Project in a manner that protects and avoids harming, killing or disturbing migratory birds or taking their nests or eggs. In this regard, the proponent shall take into account Environment Canada’s Avoidance Guidelines. The proponent’s action in applying the Avoidance Guidelines shall in be in compliance with the MBCA, 1994 and with SARA.</td>
<td>Shell will undertake the Project in a manner that protects and avoids harming, killing or disturbing migratory birds or taking their nests or eggs. Shell will take into account Environment Canada’s Avoidance Guidelines (the Guidelines), where applicable. Any actions in applying the Guidelines will be in compliance with the MBCA, 1994 and SARA.</td>
<td>All phases</td>
<td>19-Oct-15</td>
<td>21-Sep-16</td>
</tr>
<tr>
<td><strong>6.11</strong></td>
<td>In the event of accidents and malfunctions, the Proponent shall comply with the Compensation Guidelines with Respect to Damages Relating to Offshore Petroleum Activity issued jointly by the CNOFSF and the CNSOPB.</td>
<td>Shell will comply with the Compensation guidelines with Respect to Damages Relating to Offshore Petroleum Activity in the event of accidents or malfunctions. This has been documented and addressed within the Project DSMP and recognized as a requirement.</td>
<td>All phases</td>
<td>23-Oct-15</td>
<td>21-Sep-16</td>
</tr>
</tbody>
</table>

#### STATUS TRACKER

(December 20, 2016)

- All Project OSVs are fully compliant with MARPOL. All mandatory vessel certificates were submitted to the CNSOPB as part of the drilling Authorization process prior to commencement of the Project, and are verified monthly by Shell to ensure they remain current. These certificates are maintained on board and include, but are not limited to, International Oil Pollution Prevention Certificates (IOPP), International Sewage Pollution Prevention Certificates and International Air Pollution Prevention Certificates.
- All Project OSVs are fully compliant with MARPOL. All mandatory vessel certificates were submitted to the CNSOPB as part of the drilling Authorization process prior to commencement of the Project, and are verified monthly by Shell to ensure they remain current. These certificates are maintained on board and include, but are not limited to, International Oil Pollution Prevention Certificates (IOPP), International Sewage Pollution Prevention Certificates and International Air Pollution Prevention Certificates.
- There were no collisions with marine mammals or sea turtles during the drilling of the Cheshire well.
- Shell has implemented several mitigation measures and best management practices which are aligned with Environment Canada’s Avoidance Guidelines. Of particular relevance to the Project are the Guidelines to Avoid Disturbance to Seabird and Waterbird Colonies in Canada (Environment Canada 2016). In order to avoid or reduce adverse effects on seabird and waterbird colonies, Shell has implemented protocols for OSV traffic. For example, OSVs travelling to and from Halifax have followed established shipping lanes, where possible, and reduced speeds to 18.5 km/hour (10 knots) within the Project Area. Emissions and discharges from the IceMAX and OSVs are in adherence to the OWTG and MARPOL as applicable, thereby reducing adverse effects from waste discharges on birds at sea.
- Shell has implemented several mitigation measures and best management practices which are aligned with Environment Canada’s Avoidance Guidelines. Of particular relevance to the Project are the Guidelines to Avoid Disturbance to Seabird and Waterbird Colonies in Canada (Environment Canada 2016). In order to avoid or reduce adverse effects on seabird and waterbird colonies, Shell has implemented protocols for OSV traffic. For example, OSVs travelling to and from Halifax have followed established shipping lanes, where possible, and reduced speeds to 18.5 km/hour (10 knots) within the Project Area. Emissions and discharges from the IceMAX and OSVs are in adherence to the OWTG and MARPOL as applicable, thereby reducing adverse effects from waste discharges on birds at sea.
- During the drilling of the Cheshire well, there were no accidents or malfunctions resulting in damages requiring compensation, as per the Compensation Guidelines with Respect to Damages Relating to Offshore Petroleum Activity. Shell did not receive any claims for compensation.