



May 10, 2017

Mr. Dale Myers
Washington State Department of Ecology
Northwest Regional Office
3190 160th Avenue SE
Bellevue, WA 98008-5452

Re: Revised Interim Action Schedule

Agreed Order No. 13815
4700 Brooklyn Ave. NE (Chevron 90219)

Dear Mr. Myers:

FH Brooklyn, LLC (FH Brooklyn) and Chevron Environmental Management Company (Chevron) are signatories to an Agreed Order ((AO) No. DE 13815, effective January 11, 2017) with the Washington State Department of Ecology (Ecology). The AO requires FH Brooklyn and Chevron to complete a Remedial Investigation (RI) and Feasibility Study (FS) along with associated reporting requirements, and to submit a draft cleanup action plan (DCAP) for the site generally located at 4700 Brooklyn Avenue NE in Seattle, Washington (Site).

An Interim Action excavation is planned in conjunction with property redevelopment. This excavation will be completed as an interim removal action with the objective of removing all soil exceeding Model Toxics Control Act (MTCA) Method A cleanup levels for off-Site disposal. This Interim Action will be designed to address all on-property contamination and is intended to comprise the remedial action for the on-property portion of the Site. Aspect submitted a Preliminary Draft Remedial Investigation Work Plan to Ecology on November 4, 2016 that described on-property remedial investigation activities necessary to complete the on-property RI and design the Interim Action. These activities were completed in November 2016 and reported in the On-Property Remedial Investigation Data Report submitted to Ecology on January 17, 2017.

Chevron submitted the first AO deliverable, the (Site wide) Agency Draft Remedial Investigation Work Plan (RIWP), to Ecology on April 10, 2017. The next AO deliverable to be submitted is the Final RIWP followed by the Agency Review Interim Action Work Plan (IAWP), according to Exhibit 2 of the AO. Assuming deliverables are executed on the “no later than” schedule requirements identified AO, a calendar projection of the AO deliverable schedule is included as an Attachment. Based on this projection and the current schedule of upcoming AO deliverables, it is anticipated that the Interim Action construction activities would not be able to occur until the wettest months of November through January.

The wet season would significantly challenge Interim Action construction, especially water management, and therefore a schedule extension of Interim Action implementation is requested of Ecology pursuant with Article VIII.J of the AO. Specifically, it is requested that the Item 4. *Implement Final Interim Action Work Plan* of Exhibit 2, Table 2 of the AO be revised to “no later



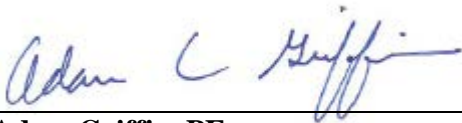
than March 15, 2018". The requested schedule extension does not affect the schedule of any other AO deliverables. This schedule extension would also not affect the anticipated DCAP schedule. If Ecology concurs, we propose that this requested schedule revision should not be considered substantial according to Article VIII.J.3 and no amendment of the AO is therefore required.

We have discussed this proposed schedule change with Chevron and our understanding is that they concur in all respects.

Please let us know if you have any questions or wish to discuss,

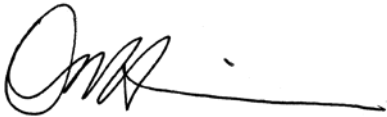
Sincerely,

Aspect consulting, LLC



Adam Griffin, PE

Senior Remediation Engineer
agriffin@aspectconsulting.com



Doug Hillman, LHG

Principal Hydrogeologist/ Project Coordinator
dhillman@aspectconsulting.com


Attachment: AO Schedule Projection

cc: Louise Bardy, Department of Ecology
Bob Warren, Department of Ecology
Allyson Bazan, Attorney General Office
Mark Horne, Chevron
Drew Noel, Chevron
Cheryl Cameron, Chevron
Bob Goodman, Rogers Joseph O'Donnell
Ruth Otteman, Leidos
Adam Griffin, Aspect Consulting, LLC
Eran Fields, FH Brooklyn LLC
Bill Joyce, Joyce Ziker Parkinson PLLC

Attachment - AO Deliverable Schedule Projection

May 10, 2017

DRAFT for Discussion Purposes Only

| | | Q2 2017 | | | | Q3 2017 | | | | Q4 2017 | | | | Q1 2018 | | | | Q2 2018 | | | | Q3 2018 | | | | Q4 2018 | | | | Q1 2019 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|---|-----------|-----------|----------|----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|----------|----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|----------|----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|----------|----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|----------|----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|----------|----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|
| | | 10-Apr-17 | 17-Apr-17 | 24-Apr-17 | 1-May-17 | 8-May-17 | 15-May-17 | 22-May-17 | 29-May-17 | 5-Jun-17 | 12-Jun-17 | 19-Jun-17 | 26-Jun-17 | 3-Jul-17 | 10-Jul-17 | 17-Jul-17 | 24-Jul-17 | 31-Jul-17 | 7-Aug-17 | 14-Aug-17 | 21-Aug-17 | 28-Aug-17 | 4-Sep-17 | 11-Sep-17 | 18-Sep-17 | 25-Sep-17 | 2-Oct-17 | 9-Oct-17 | 16-Oct-17 | 23-Oct-17 | 30-Oct-17 | 6-Nov-17 | 13-Nov-17 | 20-Nov-17 | 27-Nov-17 | 4-Dec-17 | 11-Dec-17 | 18-Dec-17 | 25-Dec-17 | 1-Jan-18 | 8-Jan-18 | 15-Jan-18 | 22-Jan-18 | 29-Jan-18 | 5-Feb-18 | 12-Feb-18 | 19-Feb-18 | 26-Feb-18 | 5-Mar-18 | 12-Mar-18 | 19-Mar-18 | 26-Mar-18 | 2-Apr-18 | 9-Apr-18 | 16-Apr-18 | 23-Apr-18 | 30-Apr-18 | 7-May-18 | 14-May-18 | 21-May-18 | 28-May-18 | 4-Jun-18 | 11-Jun-18 | 18-Jun-18 | 25-Jun-18 | 2-Jul-18 | 9-Jul-18 | 16-Jul-18 | 23-Jul-18 | 30-Jul-18 | 6-Aug-18 | 13-Aug-18 | 20-Aug-18 | 27-Aug-18 | 3-Sep-18 | 10-Sep-18 | 17-Sep-18 | 24-Sep-18 | 1-Oct-18 | 8-Oct-18 | 15-Oct-18 | 22-Oct-18 | 29-Oct-18 | 5-Nov-18 | 12-Nov-18 | 19-Nov-18 | 26-Nov-18 | 3-Dec-18 | 10-Dec-18 | 17-Dec-18 | 24-Dec-18 | 31-Dec-18 | 7-Jan-19 | 14-Jan-19 | 21-Jan-19 | 28-Jan-19 | 4-Feb-19 | 11-Feb-19 | 18-Feb-19 | 25-Feb-19 | 4-Mar-19 | 11-Mar-19 | 18-Mar-19 | 25-Mar-19 |
| Agreed Order - Exhibit C - Table 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Deliverable | Due Date | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Agency Review Draft Remedial Investigation (RI) Work Plan | No later than 90 days after the AO effective date X (Submitted 4/10) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | Final Remedial Investigation Work Plan | 30 days after receipt of Ecology comments X (ECY comments received 4/26) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | Remedial Investigation Field Investigations Completed | 180 days after Final Remedial Investigation Work Plan X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | Agency Review Draft Remedial Investigation Report | 90 days following receipt of remedial investigation validated data X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Public Review Draft Remedial Investigation Report | 30 days after receipt of Ecology comments X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Final Remedial Investigation Report | 30 days after receipt of Ecology comments, subsequent to public comment X ¹ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Agency Review Draft Feasibility Study Report | 90 days following Ecology approval of Public Review Remedial Investigation Report X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Public Review Draft Feasibility Study Report | 30 days following Ecology approval of Agency Review Draft Feasibility Study Report X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Final Feasibility Study Report | 30 days after receipt of Ecology comments, subsequent to public comment X ¹ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Agency Review preliminary Draft Cleanup Action Plan (DCAP) | 90 days following approval of Final Feasibility Study X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | Public Review Draft Cleanup Action Plan | Ecology document, subsequent to public comment ?? | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Agreed Order - Exhibit C - Table 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Agency Review Draft Interim Action Work Plan (IAWP) | No later than 60 days after Ecology approval of the Remedial Investigation Work Plan X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | Public Review Draft Interim Action Work Plan and SEPA Checklist for the interim action | 30 days after receipt of Ecology comments X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | Final Interim Action Work Plan | 30 days after public notice and comment period closes X ¹ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | Implement Final Interim Action Work Plan | Initiated no later than 30 days following Ecology approval of Final Interim Action Work Plan, subsequent to public comment. X  X (Initiate by 3/15/18) ² | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Agency Review Draft Interim Action Report | In accordance with the schedule in the Interim Action Work Plan. Interim Action Implementation ³ X (60 days after Interim Action complete) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Final Interim Action Report | 30 days after Ecology's approval of the Agency Review Draft Interim Action Report X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Notes:
 1 - Assumes 60 days for Ecology to prepare public comment package and conduct public comment period.
 2 - Proposed schedule extension: Interim Action would be initiated no later than March 15th, 2018. (----->)
 3 - Assumes a 90-day construction timeline.
 ECY - Department of Ecology
 TAT - turnaround time for analytical results
 X - Projected due date