

13 June 2023

## Memorandum

To: Dale Myers  
 From: Ryan Hultgren, Kennedy Jenks  
 Subject: Chevron 90129 Brooklyn Project Summary  
 K/J 1996002\*01

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### Introduction

Kennedy/Jenks Consultants (Kennedy/Jenks) understands that the Washington State Department of Ecology (Ecology) sought assistance with the Chevron 90129 site located at 4700 Brooklyn Avenue NE in Seattle, Washington, which has been under an Agreed Order since 11 January 2017.

The Site is located at the northeastern corner of the intersection of Brooklyn Avenue NE and NE 47th Street in Seattle, Washington. The area is zoned for mixed residential and commercial businesses with typical street front businesses and residential units above. The Site was formerly occupied by a gasoline service station and convenience store. The service station closed in November 2016. The property is currently occupied by a 24-story apartment building with unoccupied retail/commercial space on the ground floor and two levels of below-grade parking. Current tenants include residents and property management offices.

Service station operations reportedly started as early as 1919 and ended in November 2016. Two 12,000-gallon gasoline underground storage tanks (USTs) and one 12,000-gallon diesel UST were removed by FH Brooklyn LLC in February 2017. The existing building, four dispenser islands, and associated piping were removed in conjunction with completion of interim actions and large-scale redevelopment of the property.

Several historical dry-cleaning businesses were in the vicinity of the site, including Carson Cleaners, which was located across Brooklyn Avenue NE to the west.

List of Potentially Liable Parties (PLPs) & their associated consulting firms included below:

PLPs	Consultants
FH Brooklyn LLC (Brooklyn) [transferred interest in the property to GEDR Brooklyn, LLC in 2021]	Arcadis U.S., Inc. (Arcadis). Former consultants included Leidos and Aspect Consulting.
Chevron Environmental Management Company (CEMC)	

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### Project Milestones

Below is a list of project milestones included in the Kennedy Jenks proposal dated 9 January 2019.

1. Remedial Investigation (RI) Planning, RI Work Plan (WP) Review, and associated meetings.
2. Feasibility Study Report, comments, and associated meetings.

### Work Completed to Date

Work completed for each project milestone is listed below. In the following bullets there are references made to final deliverables being provided by Kennedy Jenks. These final deliverables are included in Attachment 1, along with selected other documents (e.g., data figures or maps prepared by Kennedy Jenks).

#### 1. Project Support During RI & Pre-RI Report Check-in Meeting

- A meeting was held on 24 January 2019 between Ecology, Kennedy Jenks and PLPs to discuss site status and upcoming work. Kennedy Jenks developed a summary of the meeting which was provided to Ecology on 28 January 2019 (attached).
- Kennedy Jenks and Ecology Site Manager visited the site on 30 January 2019 to become familiar with site features for review of RI documentation and discussion. Kennedy Jenks provided a summary of the site visit to Ecology on 5 February 2019 (attached).
- Kennedy Jenks prepared a Title Report Review and Property Summary technical memorandum which was provided to Ecology on 1 February 2019 (attached). The subject of the memorandum was the former dry cleaner (Carson Cleaners) located at 4701 Brooklyn Ave NE.
- Kennedy Jenks prepared a summary of off-property halogenated volatile organic compound (HVOC) sampling data based on review of the Interim Action Report (Aspect Consulting 2019), On-Property Remedial Investigation Data report (Aspect Consulting 2017) and the Summary of Recent Groundwater Sampling and Summary of Groundwater Data report (Riley Group Inc. 2016) for the site. The data summary was provided to Ecology on 6 February 2019 (attached).

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- Kennedy Jenks updated the Site File Schema and provided to Ecology on 5 March 2019 (attached).
- Kennedy Jenks reviewed site data uploaded to EIM on 22 June 2020 and provided comments on the data submission to Ecology on 20 July 2020 (attached).
- The Draft Supplemental Investigation Work Plan was provided by Arcadis on 14 July 2020 for Ecology comment. Kennedy Jenks reviewed the work plan and provided comments to Ecology on 28 July 2020 (attached).
- Kennedy Jenks reviewed a draft map of the Chevron 90129 monitoring wells and boring locations on 12 January 2021 for Ecology Site Manager. Kennedy Jenks submitted map revisions to Ecology on 15 January 2021 (attached).
- On 1 December 2022, Ecology requested Kennedy Jenks to provide comments to the Draft for Regulatory Review - Supplemental Investigation Report (Draft SIR).
  - Kennedy Jenks began to review and compile comments to and prepare maps illustrating groundwater sampling results.
  - Kennedy Jenks also checked the status of data uploaded to EIM, finding most recent data was from December 2020. Arcadis confirmed that data had been uploaded to EIM on 21 July 2022 and that Arcadis had responded to questions from Ecology for more information in November 2022, but Ecology approval status was unknown in December 2022.
  - At Ecology's request, analytical data reported in Draft SIR tables was tabulated and used by Kennedy Jenks to create concentration trend graphs and posted data maps for benzene and GRO in groundwater. Draft maps were initially provided to Ecology on 6 January 2023 and included in the 13 January submittal (see below).
- Kennedy Jenks finished revising the Supplemental Investigation Report and submitted to Ecology for review on 13 January 2023 (attached).
- On 18 January 2023, Ecology submitted comments on the Draft SIR to the PLPs and consultant (Arcadis) for review.
- Kennedy Jenks submitted revised draft figures of groundwater concentration data to Ecology on 10 February 2023 (attached). The maps included revisions to the benzene and GRO maps from January as well as addition of a map presenting groundwater data for chlorinated VOCs (PCE, TCE, and vinyl chloride).
- The quarterly update for first quarter 2023, submitted by PLP to Ecology on 17 April 2023, indicated that the revised Supplemental Remedial Investigation Report with responses to

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Ecology's comments would be submitted to Ecology in the second quarter 2023. The report has not been received as of today, 13 June 2023.

### 2. Feasibility Study Report, comments, and associated meetings

- No progress has been made toward this milestone.
- In March 2023, an Amendment 5 to the work assignment KJC001 was executed – Amendment 5 removed Task 2 project support during development of the feasibility study (FS) from the work assignment, as preparation of the FS was not going to be achieved by end of the contract date (6/30/2023).

### Ongoing Work

- PLP is in the process of updating the Supplemental Investigation Report for submittal in second quarter 2023.
- Future discussions with Ecology regarding Feasibility Study timeline.

#### Enclosures:

1. Attachment 1: Final comments and data presentations provided by Kennedy Jenks.