

SIXTH AMENDMENT TO AGREEMENT

THIS SIXTH AMENDMENT TO AGREEMENT (Amendment) made and entered into as of this ____ day of _____, 2026, amends the Consultant Services Agreement entered into between the CITY OF FRESNO, a California municipal corporation (hereinafter referred to as CITY), and CDM Smith, Inc., a Massachusetts Corporation (hereinafter referred to as Consultant).

RECITALS

WHEREAS, the CITY and CONSULTANT entered into a Consultant Services Agreement on February 1, 2022 (Agreement), to provide professional consulting services for Environmental Groundwater Remedial Action and Regrading Design for the Fresno Sanitary Landfill Superfund Site for a total fee of \$429,850; and

WHEREAS, the CITY and CONSULTANT entered into a First Amendment to the Agreement on December 20, 2022 (First Amendment) to expand the scope of services and increase monetary consideration in the amount of \$230,600, for a revised total contract value of \$660,450; and

WHEREAS, the CITY and CONSULTANT entered into a Second Amendment to the Agreement on March 31, 2023 (Second Amendment) to expand the scope of services and increase monetary consideration in the amount of \$85,200, for a revised total contract value of \$745,650; and

WHEREAS, the CITY and CONSULTANT entered into a Third Amendment to the Agreement on October 27, 2023 (Third Amendment) to expand the scope of services and increase monetary consideration in the amount of \$644,753, for a revised total contract value of \$1,390,403; and

WHEREAS, the CITY and CONSULTANT entered into a Fourth Amendment to the Agreement on November 6, 2024 (Fourth Amendment) to expand the scope of services and increase monetary consideration in the amount of \$526,490 for a revised total contract value of \$1,916,893; and

WHEREAS, the CITY and CONSULTANT entered into a Fifth Amendment to the Agreement on August 15, 2025 (Fifth Amendment) to expand the scope of services and increase monetary consideration in the amount of \$383,798 for a revised total contract value of \$2,300,691; and

WHEREAS, ongoing services have become necessary at the Fresno Sanitary Landfill Superfund Site; and

WHEREAS, the CITY and CONSULTANT now desire to enter into this Sixth Amendment to expand the scope of services, increase monetary consideration in the amount of \$575,800, for a revised total contract value of \$2,876,491, and extend the term of the Agreement from January 31, 2026 to January 31, 2027 to complete the expanded scope of services; and

WHEREAS, with entry into this Amendment, CONSULTANT agrees that it has no claim, demands, or disputes against the CITY.

AGREEMENT

NOW, THEREFORE, the CITY and the CONSULTANT agree that the aforesaid Agreement be amended as follows:

1. The recitals to this Amendment are incorporated and made a part of this Amendment.
2. The Agreement is extended to January 31, 2027.
3. Exhibit A of the Agreement is amended to expand the scope of services as indicated in **Exhibit A**, attached hereto, and incorporated herein by reference.
4. Consultant's sole compensation for satisfactory performance of all services required or rendered pursuant to this Agreement shall be a total fee of Two Million, Eight Hundred Seventy-Six Thousand and Four Hundred Ninety-One Dollars (\$2,876,491). Such fee includes all expenses incurred by CONSULTANT in performance of the services.
5. Except as otherwise provided herein, the Agreement entered into by City and Consultant, dated February 1, 2022 remains in full force and effect.

[SIGNATURES FOLLOW ON THE NEXT PAGE]

IN WITNESS WHEREOF, the CITY and the CONSULTANT have executed this Sixth Amendment at Fresno, California, the day, and year first above written.

CITY OF FRESNO,
a California municipal corporation

CDM Smith, Inc., a Massachusetts
corporation

By: _____
Paul Amico, PE,
Director of Public Utilities

Signed by:
By: Servando Molina
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Name: Servando Molina

Title: Senior Vice President
(If corporation or LLC., Board Chair,
Pres. or Vice Pres.)

APPROVED AS TO FORM:
ANDREW JANZ
City Attorney

Signed by:
By: Christine C. Charitar 3/3/2026
68086C1419384F5 Date
Christine C. Charitar
Deputy City Attorney

Signed by:
By: Paul Milligan
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Name: Paul Milligan

Title: Secretary
(If corporation or LLC., CFO.,
Treasurer, Secretary or Assistant
Secretary)

ATTEST:
AMY K. ALLER, MMC
Interim City Clerk

By: _____
Deputy Date

REVIEWED BY:
Signed by:
David Vilcherrez

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David Vilcherrez, PE
Licensed Professional Engineer
Department of Public Utilities

Attachment:
Exhibit A - Scope of Services

Exhibit A

SCOPE OF SERVICES

**Consultant Services Agreement between City of Fresno (“City”)
And CDM Smith Inc. (“Consultant”)
Fresno Sanitary Landfill Groundwater and Landfill Remediation Services
PROJECT TITLE**

Fresno Sanitary Landfill

Scope of Work and Budget for Year 2026 (Supplemental) through January 2027, Revision 4

Introduction

Provided below are descriptions of work tasks to be performed by CDM Smith Inc. (Consultant) on behalf of the City of Fresno (City) as part of ongoing operations at the Fresno Sanitary Landfill Superfund Site (“FSL” or “Site”). Ongoing activities are being performed as part of Operable Unit No. 1 (OU-1 – landfill control system operations, maintenance, and reporting) and OU-2 (groundwater remediation system operations, maintenance, and reporting). The ultimate objective of the continued work is to achieve formal regulatory closure of the FSL Superfund Site. The U.S. Environmental Protection Agency (EPA) is the lead regulatory agency on the FSL project.

This scope of work presented below describes work to be performed through January 2027. The Consultant is currently performing work for the City under Amendments No. 1, No. 2, No. 3, No. 4, and No. 5 to the existing agreement (dated February 1, 2022). Amendment No. 1 reflected 2023 work activities to support the monitoring program, system operations assistance, and ongoing reporting required for the FSL and the ongoing groundwater remediation. Amendment No. 2 covered work activities for the second round of the vapor intrusion (VI) investigation, which was performed in March 2023. Amendment No. 3 included planning and field work for round 3 of VI investigation activities, groundwater sampling activities, and bid period and construction period services in support of the Landfill Regrading Design #1. Amendment No. 4 included supplemental budget to address scope changes associated with the groundwater model recalibration and Groundwater Quality/Control Assessment Report (Groundwater Assessment Report), surface emissions monitoring (SEM), additional Landfill Regrading Design #1 plans and specifications, groundwater sampling events through June 2025, monitoring assistance costs, additional support for responses to EPA comments, and soil gas field investigation and report costs. Amendment No. 5 included supplemental budget for completion of the Groundwater Assessment Report and Groundwater Model Recalibration, continuance of the VI investigation sampling program, support activities for EPA’s 2025 Five Year Review of FSL, and routine OU-1 and OU-2 support activities through January 2026.

This Amendment No. 6 includes scope and budget for the following new and supplemental activities:

- Work Plan for Sounding Landfill Gas (LFG) Extraction Wells – CDM Smith has been working with the City in determining the gas extraction wells' capacity for sounding. Sounding the wells will require replacement of the wellheads which the City is in the process of procuring a subcontractor to complete the wellhead replacement before the wells can be sounded. CDM Smith is continuing to assist the City with this task. (Under Task 1.)
- Round 4 VI Investigation – Continue the VI investigation sampling program that was initiated in 2022. During 2025, CDM Smith assisted the City with the implementation of a sampling plan associated with the installation of Airpura filters at the groundwater treatment plant (GTP) control building and Parks and Recreation (PARCS) trailer; the filters were a recommendation from the Round 3 investigation. Work plan preparation and discussions with the City and EPA of an addendum for VI Round 4 field work will continue in 2026 under previous task 4 funding. Next steps for this sampling program include preparation of a work plan addendum for VI Round 4 field work in discussions with the City and EPA, conducting the Round 4 field investigation (level of effort for this task is estimated based on Round 3 investigation costs, since the scope of work for the Round 4 investigation is currently being negotiated with the EPA), and an evaluation report documenting the Round 4 sampling event. (Under Task 4.)
- Support Activities for EPA's 2025 Five Year Review of FSL – EPA completed their Five-year review of FSL in September 2025. CDM Smith's review of this document uncovered inaccuracies in the report. CDM Smith is assisting the City with commenting on this report. (Under Task 5.)
- Routine OU-1 and OU-2 support activities (e.g., quarterly project reports, SEM reports, meetings with the City and EPA, responses to EPA comments, etc.) and project management for extension of the contract through January 2027.

These scope of work activities are a continuation of work performed under the existing contract with the City (dated 2022) and under Amendment No. 1 (for work performed in 2023), Amendment No. 2 (for the Spring 2023 VI investigation), Amendment No. 3 (for the June 2024 VI investigation and October 2023 - October 2024 groundwater monitoring), Amendment No. 4 (supplemental activities through June 2025); and Amendment No. 5 (supplemental activities through January 2026). Work described below is defined in terms of the project tasks listed below:

- Task 1 – Performance Monitoring Program
- Task 2 – Remedial Action Systems Operations Assistance
- Task 3 – Site Delisting Discussions (no work is planned under Task 3 through 2026)
- Task 4 – Site Investigation Activities (OU-1)
- Task 5 – Project Management/Project Meetings
- Task 6 –Landfill Regrading/Landfill Control Systems Repair – Design Services (OU-1)

Table A-1 consists of a summary of the estimated costs for this scope of work. The total cost for this supplemental work is \$575,800 to be conducted through the period of performance extended through January 2027.

Task 1 – Performance Monitoring Program (OU-2)

Objectives

- Perform groundwater monitoring activities for the annual performance monitoring program, including 2026 (Q2-April, Q3-July, and Q4-October) and 2027 (Q1-January) as part of the Groundwater Remedial Action at the FSL.
- Monitor and evaluate performance of groundwater remediation.
- Document the performance monitoring activities and laboratory analytical results in an annual report (July 31, 2026) and an interim data transmittal (January 31, 2027) to EPA.
- Provide draft resident notification summaries of quarterly groundwater results for two residences for City distribution to residents.
- Prepare responses to review comments from EPA (and other State regulatory agencies).

Activities

- **Groundwater Monitoring Activities** - The Groundwater Monitoring Program at the FSL has been ongoing for many years. The City requested that Consultant perform groundwater monitoring activities (quarterly, semi-annual, and annual monitoring events). Consultant has enlisted a subcontractor to assist with sampling services. Task activities will include coordinating with analytical laboratories (e.g., analyses to be performed, numbers and types of sampling containers, delivery of sampling containers to the Site), and sample collection from the groundwater monitoring wells, groundwater extraction wells, residential water supply wells, and the GTP influent and effluent sampling ports. Consultant will coordinate with the City in the ongoing implementation of this program.

Field activities to be performed, laboratory analysis, and regulatory agency reporting are described below:

- *Field Activities.* CDM Smith will perform groundwater monitoring, utilizing Blaine Tech Services, Inc (Blaine Tech), with assistance from City staff. For budgeting, one site visit by a CDM Smith staff member is assumed for oversight assistance during one of the quarterly events. The plan for sampling and analysis (**Table 4-1** of the *Spring 2025 Annual Performance Monitoring Program Report*) defines the sampling schedule, number of samples and analytical methods for these quarterly sampling events. Blaine Tech will additionally add locks to off-site wells for security purposes. The City has indicated that they intend to resume conducting the groundwater monitoring sampling field activities themselves at a yet-to-be determined time during 2026. For budgeting purposes in this Amendment No. 6, it is assumed that Blaine Tech will conduct the quarterly sampling in 2026.

- *Schedule.* Monitoring events will be performed during 2026 (April, July, and October), and during 2027 (January). Listing of the sampling locations are defined in Table 4-1 of the Annual Performance Monitoring Program Report (July 2025 submittal to EPA).
 - *Laboratory Analysis.* Analysis of water samples will be performed by two laboratories, including Fresno Wastewater Management Division Analytical Laboratory (WMD; analysis for inorganic compounds) and BSK Associates Engineers & Laboratories (BSK) under direct bill contract with the City (analysis for volatile organic compounds [VOCs]).
 - *Reporting.* On an annual basis, CDM Smith will prepare two deliverables associated with the Groundwater Monitoring Program, including the Annual Performance Monitoring Program Report (July 2026) and the Interim Data Transmittal (January 2027). CDM Smith will also prepare quarterly draft analytical reporting letters for residential wells for City distribution to the sampled residential well owners. These deliverables are described below (under **Deliverables**).
 - *Coordinate with Laboratories.* Identify and work to resolve issues that arise regarding laboratory analytical results (e.g., corrections to sample login names, apparent mislabeling between sample locations, investigating what appears to be anomalous analytical data, etc.).
- **Environmental Database** – Maintain the environmental database, including upload of analytical data upon receipt from the analytical laboratory following each quarterly sampling round. Database management will include performing data queries and preparing data summary tables that will be included in the interim data transmittal (electronic transmittal) and the annual performance monitoring program report (electronic transmittal) to the EPA.
 - **Responses to Regulatory Agency Review Comments (RTCs)** – EPA and the State regulatory agencies typically submit review comments on a range of project submittals. This task will involve preparing RTCs (electronic submittals) for technical deliverables scheduled for submittal to EPA including the OU-1 Annual Report, OU-2 Interim Data Transmittal, OU-2 Annual Performance Monitoring Program Report, quarterly landfill progress reports, and quarterly SEM reports.
 - In addition, the Groundwater Assessment Report submitted to the EPA in April 2025 received EPA comments on April 29, 2025. These comments were discussed with the EPA during the November 2025 TIE meeting. CDM Smith intends to respond to EPA’s comments with a response to comment instead of a revised draft report. Due to the complexity of addressing EPA’s comments (including an expansion and clarification of the conceptual site model with regards to vapor intrusion), an estimated 100 labor hours have been included in this amendment for a response to comment for this report.
 - **OU-2 Operations Assistance** – CDM Smith provides miscellaneous support activities to assist the City in the operations and maintenance of the groundwater monitoring wells, groundwater extraction wells, residential water supply wells, and the GTP. Under this subtask, Consultant staff can assist City staff in optimizing operations of the groundwater collection and treatment system (including extraction pump operations, GTP operations, and

monitoring of instrumentation and controls). Consultant staff are also available to respond to requests for assistance from the City to address GTP operational problems or to respond to questions regarding technical or regulatory issues or to develop an estimate of future costs associated with GTP operations under various operational scenarios. Consultant staff will also be available to review and evaluate analytical data from supplemental samples collected from the groundwater monitoring wells or the GTP. The Consultant will document use of this funding in the monthly progress reports accompanying the monthly invoices.

In the past year, support activities under this subtask have included:

- Provided support to the City in discussions with the County about the incorrect construction of private wells at 2429 North Avenue and 3165 S. Hughes Avenue and discussed bottled water delivery and wellhead treatment with the City and George Slater.
- Researched PFAS sampling at other Superfund Landfills and mitigation measures in preparation of a PFAS Sampling work Plan.
- Supported the City’s efforts to troubleshoot extraction wells that have shut down and provide technical specifications and drawings to assist in extraction well operation.
- Provide updated maintenance logs to better track maintenance activity and track the bypass mode operations of the GTP.
- Discuss the usage and need for chemical treatments in the packed tower aerator to prevent organic and inorganic buildup on the packing materials.

It is assumed that this as-needed task is limited to 100 hours through January 2027.

Assumptions

- Consultant will utilize a subcontractor (Blaine Tech Services) to assist in the groundwater monitoring rounds (April, July, and October 2026; and January 2027).
- City staff will assist in groundwater monitoring activities, including:
 - Assist in locating on-site and off-site groundwater monitoring well locations, as requested.
 - Coordinate with off-site property owners to allow access to groundwater monitoring wells and residential water supply wells included in the monitoring program.
- City staff will be responsible for ensuring access agreements are in place for off-site monitoring wells and residential wells.
- Analysis of organic constituents will continue to be performed by BSK in Fresno, CA under direct bill contract with the City.

- Analysis of inorganic constituents will continue to be performed by WMD in Fresno, CA, under direct bill arrangements with the City.

Deliverables

1. **OU-2 Annual Performance Monitoring Program Report (*Annual Deliverable*)** – The Annual Report will cover the July and October 2025 and the January and April 2026 groundwater monitoring events. A draft document will be submitted to City staff for review. Consultant will incorporate consolidated and coordinated comments from City staff and prepare final report for submittal to EPA. The Annual Report will be submitted to EPA in July 2026. Work activities for the Annual Report will include the following elements:
 - Compilation of quarterly monitoring data (field and analytical laboratory data) and GTP operational data.
 - Preparation of data summary tables and graphics. Data summary tables will include groundwater extraction well operational data, groundwater treatment unit performance monitoring data, VOC mass removal, groundwater level measurements, head differential measurements (well clusters), VOC analytical data, inorganic constituent data, and quality control data. Graphics will include groundwater elevation contours for 2 of the quarterly monitoring events, VOC Isoconcentration contours in the B- and C-aquifers for one quarterly monitoring event, and VOC concentration trend plots.
 - Based on the Long-Term Monitoring Optimization Plan (Plan; CDM Smith 2007), Consultant will perform an evaluation of the groundwater monitoring wells included in the monitoring program and will propose changes to the monitoring program in accordance with the criteria defined in the Plan. This evaluation will be completed following the April groundwater monitoring event. The results of this evaluation will be documented in the July Annual Report.
2. **OU-2 Interim Data Transmittal (*Annual Deliverable*)** – The Interim Data Transmittal will consist of data summary tables and figures for the July and October 2026 groundwater monitoring events. The Interim Data Transmittal will be submitted directly to EPA via email in January 2027.
3. **Analytical Reporting Letters for Residential Wells (*Quarterly Deliverables*)** – These letters will be drafted in Microsoft Word on City letterhead and emailed to the City for distribution to two of the sampled residential well owners.
4. **RTCs to Regulatory Agency Review Comments (*Periodic Deliverables*)** – Draft RTCs will be submitted to the City for review. RTCs will be revised based on consolidated and coordinated review comments from the City and submitted to EPA.

Task 2 – Remedial Action Systems Operations Assistance (OU-1)

Objectives

- Support the City's high-quality performance of the landfill environmental control systems, including the landfill cover, LFG control, and stormwater management systems.

- Assist City staff in the ongoing operations, monitoring, and maintenance of the groundwater remediation system and the landfill control systems at the FSL.

Activities

Under this task, Consultant will assist the City in ongoing operations and maintenance activities associated with the groundwater treatment system and the landfill control systems. This task will consist of on-site and office activities necessary to maintain effective operation of the groundwater collection and treatment system, the LFG control system, and the function of the final landfill cover/stormwater management systems. This task includes the following activities:

- **Operable Unit 1 Annual Report (*Annual Activity*)** – Consultant will prepare a report, which is intended to document operations and maintenance activities associated with the LFG control elements, including the landfill cover, stormwater management, and LFG control systems. The OU-1 Annual Report, to be submitted to EPA in February 2026, will address operations during the prior year. The OU-1 Annual Report will consist of the following elements:
 - Summary of LFG flare operating data. This summary would include a listing of the LFG flare downtimes, including downtimes resulting in operation of the GTP in LFG flare bypass mode.
 - Compilation of perimeter LFG monitoring probe data.
 - Assessment of the condition of the landfill cover system and the stormwater management system. The assessment would rely on information generated during inspections (described below) of the landfill cover and stormwater management system performed by Consultant and/or City staff. Of particular importance is the inspection scheduled early fall, prior to onset of rainy weather.
 - Overview of maintenance activities performed on the landfill control systems and description of repairs or equipment replacements.
- **OU-1 Operations Assistance** – This subtask will be used for the Consultant to assist the City with landfill-related operations activities that cannot specifically be identified at this time. Example activities that were conducted under this subtask in the past year are:
 - Support activities associated with the June 2024 perimeter probe exceedances.
 - Assisted City with SEM-related issues:
 - Drafted SEM Request for return to annual monitoring letter that was sent to the EPA on September 5, 2025.
 - Assisted the City with addressing the elevated SEM readings recorded during the Q2 SEM June 2025 event and question about methane risk to the public.
 - Researched use of MRU instrument used for methane monitoring instead of the GEM5000.
 - Described SEM and methane monitoring activities performed regularly at the landfill, and sent City SEM regulations for reference.

- Provided the City with clarifications on the vapor intrusion risk at the landfill.
- Consultation on LFG flare adjustments to maintain methane concentrations for flare operations. Researched bypass mode regulations and historical communications with San Joaquin Valley Air Board and provided a summary of Flare Status and Bypass Mode Operations. Worked on maintenance log revisions to better document flare operations.
- Worked with the City on identifying the feasibility of conducting well-sounding with the existing wellhead, developing a plan to replace well heads to enable well sounding, and conceptualizing the Well Sounding Workplan.

The Consultant will document use of this funding in the monthly progress reports accompanying the monthly invoices. For budgeting purposes, this task is estimated at 100 labor hours.

■ **Landfill Inspection and Maintenance Assistance** – Activities to be performed under this subtask will be focused on assisting the City in planning and performing landfill inspection and maintenance activities.

- Annual Landfill Inspection (Annual Activity) – The annual landfill inspection will be performed during the Fall of 2026. At the request of the City, additional inspections may be performed by CDM Smith following heavy precipitation events that could impact landfill control systems' function. However, City staff are responsible for conducting the monthly and wet weather (considered to be October through March) inspections and completing the inspection forms that will be attached to the quarterly progress reports for submittal to EPA.
- A description of landfill inspection activities/procedures is provided below:
 - Focus of the inspections will be on the landfill control system elements, including landfill cover system, surface water management system, and LFG control system.
 - Highlight the need for performing routine maintenance activities related to the landfill control systems.
 - Highlight the need for performing corrective action activities to address damage, inoperable conditions, or failure of the landfill control systems. The descriptions will be specific to each of the landfill control system elements.
 - Prepare a report section to be included in the OU-1 annual report to document the inspection and to describe maintenance, repair, and corrective actions.
 - Identify landfill regrading needs identified as part of the landfill inspections.
- Due to the extensive subsidence on the landfill, the City had not been completing monthly inspection forms in 2024 and 2025. After construction of Design #1 (anticipated to be complete by March 2026, CDM Smith will assist the City in developing updated inspection forms to be used during monthly inspections. The draft inspection forms will be submitted to the City for review and comment before finalization and implementation.

- **Annual Evaluation of Extraction Well Performance (*Annual Activity*)** – Consultant will perform an evaluation of the performance of each extraction well on an annual basis. Performance factors to be considered during the performance evaluation will include specific capacity (pumping rate per foot of drawdown) and changes in pumping rate and drawdown over time, with comparison to historical data. The last report submitted in September 2025 covered operations up through Q4 2024. The next extraction well performance assessment is anticipated to be submitted in Q1 2026.
- **New Well Evaluations (*Periodic Activity*)** – Consultant will perform groundwater modeling evaluations of proposed new water supply wells (agricultural and residential) in the vicinity of the FSL. The purpose of the new well evaluations is to assess the potential for impact to the existing groundwater remediation system at the FSL from operation of proposed new wells. Under the current arrangement, the County of Fresno, Department of Public Health, Environmental Health Division (Fresno County) notifies the City when a permit application for a new or replacement water supply well is submitted in a location within the Well Assessment Zone. Based on groundwater modeling results, Consultant will either recommend that the well not be installed or recommend design modifications for the proposed well (e.g., depth of well, depth of annular seal, and length of screen zone). It is assumed that Consultant will perform two evaluations per year for the duration of the period of performance. This task is dependent on whether well permit requests within the well assessment zone are submitted to the County. Support for currently identified issues regarding the incorrect construction of residential wells at 2429 North Avenue and 3165 Hughes Avenue will be provided under Task 1 OU-2 Operations Assistance subtask.
- **Groundwater Modeling** – Based on discussions during TIE meetings with EPA and the April 2025 submittal of the Groundwater Assessment Report, we anticipate that groundwater modeling will be required to address questions from EPA. In consultation with the City, Consultant will perform groundwater modeling in responding to EPA comments/questions. It is assumed that this task is limited to 50 labor hours.

Assumptions

- With monthly requests from Consultant, City staff will provide Consultant with information listed below in a timely manner. The requested information constitutes critical information for reporting to EPA (e.g., Quarterly Progress Reports, OU-2 Annual Performance Monitoring Report, OU-1 Annual Report).
 - Downloads of the SCADA system in Excel with operations data for the groundwater remediation system (data from extraction well operations and GTP operations) and for the LFG flare system (LFG flare operations). Consultant will compile these data and make necessary assumptions and calculations for filling data gaps.
 - Daily maintenance summaries for the groundwater remediation system and the LFG flare submitted to Consultant on a monthly basis.

Deliverables

1. **OU-1 Annual Report (*Annual Deliverable*)** - A draft report will be submitted to the City for review. The report will be revised based on consolidated and coordinated review comments

from the City and finalized for submittal to EPA. One OU-1 Annual Report will be prepared under this scope of work, with a submittal date of February 2026.

2. **Annual Extraction Well Performance Evaluation Technical Memorandum (*Annual Deliverable*)** - The technical memorandum, which will document the performance evaluation on each of the groundwater extraction wells, will be submitted to the City. This technical memorandum is not intended as a formal submittal to EPA. One Extraction Well Performance Evaluation will be prepared under this scope of work, with a submittal date of March 2026.
3. **New Well Evaluations (*Periodic Deliverables*)** - At the conclusion of each new well evaluation that is performed, a letter to the City will be prepared for submittal to the City which documents groundwater modeling results and provides well construction recommendations. This deliverable is only required if the County receives new well requests within the Well Assessment Zone during the contract period.

Task 3 – Superfund Site Delisting Pathway – Planning and Implementation

No Task 3 services will be performed during 2026.

Task 4 – Site Investigation Programs

The two subtasks included under Task 4 are briefly described below.

- Subtask 4.1 – Soil Gas Sampling Program (Round 4). During 2021, EPA directed the City to perform soil gas sampling from selected LFG perimeter monitoring probes (located along the perimeter of the landfill). Three rounds of vapor intrusion (VI) sampling have been conducted: Round 1 (Fall 2022) and Round 2 (Spring 2023), as defined in the VI Investigation Work Plan (approved by EPA in October 2022) and Round 3 (Summer 2024) as defined in the VI Investigation Work Plan Addendum (September 2023). Based on the October 2024 VI Evaluation Report reporting on the Round 3 results, additional VI sampling (Round 4) is recommended. In 2025, CDM Smith assisted the City with the implementation of a sampling plan associated with the installation of Airpura filters at the GTP control building and trailers that were recommended following the Round 3 investigation. Round 4 is anticipated to include a work plan for additional soil gas investigation beyond the perimeter monitoring probe locations to the north and to the south near the South Detention Basin to assess the potential risk to local residents along Jensen Avenue (north of the landfill), West Avenue (east of the landfill), or along North Avenue (south of the landfill).
- Subtask 4.2 – Landfill Surface Emissions Monitoring (SEM). Consultant prepared the SEM Work Plan in October 2022, and the City started performing SEM in May 2023. It is assumed that SEM monitoring and reporting will be required quarterly. Consultant will assist the City in preparing quarterly reports summarizing SEM activities and presenting the results of the emissions monitoring. City staff are responsible for performing the SEM on a quarterly basis.

Subtask 4.1 – Soil Gas Sampling Program (Round 4)

Objectives

- Plan and implement the Round 4 of VI sampling to assess the risk to human health from migrating LFG at locations near the landfill consistent with air sample collection performed during Rounds 1, 2, and 3.
- Continue to assist the City with monitoring the operation of the Airpura filters at the GTP control building and trailers installed in 2025.

Activities

- As part of the installation and monitoring of Air Pura filters at the GTP control building and trailers in Q3/Q4 2025, CDM Smith helped the City develop an air sampling plan to chronicle the effectiveness of the filters in reducing VOC concentrations in the work areas and assisted the City in interpreting the analytical results, including identifying City activities and equipment that may be interfering with the VOC sampling. CDM Smith will also be preparing calculations to estimate anticipated breakthrough times for the Air Pura filters so that future maintenance routines of the filters can be established. The City requested that CDM Smith prepare a couple of technical memorandums documenting the City's Q3/Q4 2025 air sampling activities for submittal to the EPA. The first of these technical memorandums summarized the City's first two rounds of air sampling and was submitted to the City on December 13, 2025. The third round of City air sampling is currently planned for Spring 2026, and the technical memorandum documenting that event will be submitted following receipt of those data.
- Prepare a VI Investigation Work Plan Addendum 2 for Round 4 VI sampling defining the remedial action objectives and sampling plan, as well as detailing revisions to previously established soil gas sample probe installation and soil gas sample collection procedures and laboratory analytical methods.
- Conduct Round 4 VI sampling in 2026 to collect soil gas data to assess the risk to human health from migrating LFG at locations near the landfill. The level of effort for the Round 4 VI investigation cannot be fully estimated at this time. VI Work Plan Addendum 2 needs to be completed and negotiated with EPA before the scope for the Round 4 field investigation can be finalized. For budgeting purposes, the field costs for the Round 3 field activities were used to estimate the soil gas probe investigation however, the results of the VI Round 3 also recommended a passive gas survey south of the landfill to investigate the exceedances noted in that area. The City has decided not to proceed with a passive gas survey in 2026. If the City later decides to proceed with a passive gas survey in 2026, an amendment will be needed to fund this portion of the field investigation. Note that given the City's existing mitigation measures at the control room and work trailer, the costs for ambient air sampling have been removed in Round 4.
- The soil probe investigation is estimated to include installation of soil vapor probes by licensed drilling contractors using direct push or hollow stem auger drilling techniques at three new locations with probe depths located at 5 and 15 feet below ground surface (bgs) at each location (6 total probes installed). The probes will be targeted to monitor for LFG in

the vicinity of residences to the east of West Avenue and to the south of North Avenue. The investigation would include soil gas collection and analysis by a contracted laboratory from the 6 new soil gas probes along with samples from SG-2, SG-6, SG-8, and SG-9 at both 5 and 15 feet bgs along with a duplicate and trip blank sample for quality assurance. Soil gas samples would be analyzed by TO-15 SIM which includes naphthalene. The investigation would require drilling permits, an underground utility survey prior to drilling, and a traffic control crew for installation and sampling along public easements. The work is estimated to require a week of oversight from the Consultant.

- Prepare a VI Evaluation Technical Memorandum (Tech Memo) documenting Round 4 VI sampling data and investigation activities. Analytical results will be compared to San Francisco Regional Water Quality Control Board Environmental Screening Levels (ESLs) and EPA RSLs.

Assumptions

- EPA will have one round of review comments in response to the VI Work Plan and the Evaluation Tech Memo. These comments will include a compilation of comments from the State regulatory agencies.
- Technical calls/meetings with EPA. Consultant will participate in a call (during a routine monthly TIE meeting call) with EPA to discuss the evaluation of data and responses to EPA review comments on the VI Work Plan Addendum 2 and the Evaluation Tech Memo, under the meeting subtask in Task 5. Formal written responses to EPA comments (RTCs) on the VI Work Plan Addendum 2 and the Evaluation Tech Memo will be prepared under Task 1.
- Continuing to assist the City with monitoring the operation of the Airpura filters at the GWTP control building and trailers. Because no specific scope has been identified for this activity, it is assumed that this as-needed task is estimated to be 100 hours through January 2027.
- It is assumed that the VI fieldwork for the soil gas probe would be completed in one mobilization to avoid the remobilization costs from phased field work, which could potentially increase costs for permitting, reporting, and utility clearance.
- The budget for the VI field sampling is an estimate based on anticipated tasks and will be used to commence the Round 4 VI sampling in 2026. However, a budget adjustment may be required following discussions with EPA and finalization of VI Work Plan Addendum 2 to adjust the funding to match the agreed upon scope in VI Work Plan Addendum 2.

Deliverables

1. **Vapor Intrusion Work Plan Addendum 2 (One-Time deliverable).** A draft work plan addendum will be submitted to the City for review. The work plan will be revised based on review comments from the City and finalized for submittal to EPA.
2. **Vapor Intrusion Evaluation Tech Memo (One-Time deliverable).** The budget assumes one draft and one final versions of the tech memo. The draft tech memo will be submitted to the City for review. The tech memo will be revised based on compiled review comments from the City and finalized for submittal to EPA. Revisions for subsequent drafts can be

prepared, but the level of effort to address EPA comments cannot be fully estimated prior to receipt of EPA comments.

3. **Spring 2026 Air Sampling Technical Memorandum (*One-Time deliverable*)**. A draft technical memorandum will be submitted to the City for review. The technical memorandum will be revised based on consolidated and coordinated review comments from the City and finalized for submittal to EPA.

Subtask 4.2 – Landfill Surface Emissions Testing

Objective

- Prepare quarterly report to EPA documenting the field activities and presenting the results of the emissions testing.

Activities

- Federal guidelines allow a reduction in frequency of SEM to annual monitoring if methane is not detected above 500 ppm for three consecutive quarters. However, based on past SEM results and landfill operations incidents, we are assuming that quarterly SEM monitoring will continue to be performed and reported at FSL. Consultant will prepare quarterly reports for the period February 2026 through January 2027 (Q1, Q2, Q3, and Q4 2026). The objectives of the technical memorandum are to document the SEM program activities and to present the monitoring data. Each technical memorandum will be submitted to EPA, following draft document submittal to City staff for review and Consultant incorporation of consolidated and coordinated comments from City staff. Currently, City staff are contracting RES Environmental through the City's contract with Tetra Tech to perform the SEM on a quarterly basis. It is uncertain whether the City intends to have RES continue to provide this service for them. City staff are responsible for providing the quarterly SEM data to CDM Smith. The City is requesting from the EPA a reduction in frequency of the SEM monitoring during 2026. For budgeting purposes in this Amendment No. 6, it is assumed that quarterly SEM reports are required in 2026.

Assumptions

- City staff (or their designated subconsultant) will perform quarterly field methane SEM activities. The City will provide the monitoring data to CDM Smith following each quarterly monitoring event.

Deliverables

1. **SEM Technical Memorandum (*Periodic Deliverables*)** – A technical memorandum will be prepared to document each quarterly monitoring event. It is expected that four SEM technical memoranda will be prepared (Q1, Q2, Q3, and Q4 2026).

Task 5 –Project Management/Project Meetings

Objectives

- Meet project scope, schedule, and budget requirements.
- Maintain effective communication with the City, EPA, and other regulatory agency staff on key project issues.

Activities

The activities described below are to be performed through January 2027.

- Perform routine project management activities, which will include staff oversight, budget management, invoicing, monthly progress reporting, and coordination with the City on budget and scope of work development.
- Prepare schedule updates, as needed.
- Participate in project meetings and project conference calls, including preparing meeting presentation materials and other handouts responding to EPA requests.
- Prepare quarterly project progress reports providing status updates regarding remedial actions implemented at the FSL. Consultant will submit draft quarterly project progress reports to the City.
- Prepare contracting documents for multiple subcontractors.
- Interact with EPA in preparation for and during implementation of field activities.

Assumptions

- The City will finalize the quarterly project reports with transmittal of the project progress reports to EPA.
- The budget reflects participation in one monthly project conference call with EPA through January 2027. It is assumed that three CDM Smith staff (project manager, senior technical lead, and project technical lead) will attend these one-hour EPA monthly technical information exchange (TIE) meetings.
- The City project management team has requested that regularly scheduled coordination meetings be held with CDM Smith's project management team (project manager, senior technical lead, and project technical lead). For budgeting purposes, it is assumed that monthly there will be two one-hour calls: one pre-meeting TIE call held a week before the call with the EPA and one monthly status meeting update call. These meetings will be held virtually.
- It is assumed that one project status meeting will be held at the FSL Site during 2026. Travel is assumed for CDM Smith staff (project manager, senior technical lead, and project technical lead) to attend this on-site meeting.

Deliverables

1. **Monthly invoices and monthly email progress reports (*Periodic Deliverables*)** – submitted to the City documenting Consultant work performed.
2. **Presentation materials and handouts (*As-needed Deliverables*)** - responding to EPA requests for periodic project meetings or teleconferences.
3. **Quarterly project progress reports (*Periodic Deliverables*)** - prepared during 2026 (January [for Q4 2025] and April, July, and October [for 2026]) for City submittal to EPA.

Task 6 – Landfill Regrading/Landfill Control Systems Repair – Design Services (OU-1)

The City began implementation of a Landfill Regrading Program to address differential settlement that has occurred on the landfill. The Landfill Regrading Program was developed as two design projects described below:

- Landfill Regrading Design #1 – The Design #1 (Subtask 6.1) addresses settlement along the eastern side slopes, eastern perimeter drainage channel and eastern access road and included upgrades of the LFG control system. Construction of Design #1 is ongoing and anticipated to be completed by March 2026. Additional budget has been added to cover construction support services during the extended construction period.
- Landfill Regrading Design #2 – Design #2 (Subtask 6.2) addresses settlement of the remaining portions of the FSL, including the southern, northern, and western side slopes and the top deck of the landfill. No additional activities are assumed for Design #2 in this amendment.

Objectives

- Continue to provide construction period support to the City during the Construction of Design #1 which is anticipated to be complete by March 2026.

Activities

- Construction of Design #1 was originally scheduled to be completed in early Fall 2025, but construction is ongoing and anticipated to continue through March 2026.

Assumptions

- The budget includes funding for construction support services that were provided during the extended construction of Design #1 in 2025. For budgeting through March 2026, construction support services are estimated at 20 labor hours for each month. It is assumed that Construction of Design #1 will be completed in March 2026.

Deliverables

No new deliverables for Task 6 are assumed under Amendment No. 6.

Schedule

The scope of work and budget presented above reflects project duration from February 2026 through January 2027. All deliverables will be electronic deliverables; no print copies will be produced. The schedule for project deliverables is provided below:

Annual and/ or Periodic Deliverables

1. Landfill Quarterly Progress Reports (Q4 2025 and Q1, Q2, and Q3 2026 – **January, April, July, and October 2026**)
2. SEM Quarterly Reports (Q4 2025 and Q1, Q2, and Q3 2026 – **February, April, July, and October 2026**)
3. OU-1 Annual Report – **February 28, 2026**
4. OU-2 Annual Performance Monitoring Program Report – **July 31, 2026**
5. Technical Memorandum to document the annual well performance evaluation – **March 2026**
6. OU-2 Regulatory Interim Data Transmittal – **January 31, 2027**
7. New Well Evaluations – The results of groundwater modeling to evaluate proposed new agricultural or domestic water supply wells will be documented in a brief letter report to the City. This work will be performed on an as-needed basis throughout the contract period. – **As needed**
8. Responses to Comments from EPA on technical deliverables – **As needed**
9. Monthly invoices and progress reports

One-time Deliverables

1. Vapor Intrusion Investigation Work Plan Addendum 2 – **To be determined based on EPA discussions**
2. Vapor Intrusion Evaluation Technical Memorandum – **Within 3 months following receipt of all analytical data**
3. Spring 2026 Air Sampling Technical Memorandum – **Within 3 months following receipt of all analytical data**

The cost for the work described above is \$575,800. A cost breakdown is shown on Table 1 – Proposed Adjustment for Amendment #6, Revision 4, Groundwater and Landfill Remediation Services, Fresno Sanitary Landfill (OU-1 and OU-2). This estimate constitutes the budget for services during Year 2026 (Supplemental) through January 2027.

Table 1
Groundwater and Landfill Remediation Services - Amendment #6, Revision 4
Estimated Budget for Year 2026 (Supplemental) through January 2027 - Breakdown by City Fiscal Year
Fresno Sanitary Landfill (Operable Unit-1 and Operable Unit-2)

Task Description						Breakdown by City Fiscal Year	
		Labor \$	ODCs \$	OPs \$	Total ³ \$	Thru Jun-26	Jul-26 to Jan-27
Task 1	Performance Monitoring Program	\$103,000	\$1,100	\$52,000	\$158,755	\$76,010	\$82,745
	GW Monitoring Activities	\$5,000	\$500	\$52,000	\$60,125	\$23,546	\$36,579
	OU-2 Operations Assistance	\$5,000	\$0	\$0	\$5,000	\$2,083	\$2,917
	Monitoring Assistance	\$0	\$0	\$0	\$0	\$0	\$0
	Environmental Database Management	\$2,000	\$0	\$0	\$2,000	\$833	\$1,167
	Responses to Comments	\$55,000	\$0	\$0	\$55,000	\$22,917	\$32,083
	OU-2 Annual Report (submittal date: July)	\$26,000	\$600	\$0	\$26,630	\$26,630	\$0
	OU-2 Regulatory Data Transfer (submittal date: January)	\$10,000	\$0	\$0	\$10,000	\$0	\$10,000
	OU-2 Well Rehabilitation (removed from scope per City direction on 2/9)	\$0	\$0	\$0	\$0	\$0	\$0
Task 2	Remedial Action Systems Operations Assistance	\$53,000	\$945	\$0	\$53,945	\$23,473	\$30,472
	Annual Evaluation of Extraction Well Performance	\$11,000	\$0	\$0	\$11,000	\$0	\$11,000
	OU-1 Annual Report (February 2025)	\$20,000	\$200	\$0	\$20,210	\$14,000	\$6,210
	New Water Supply Well Evaluations	\$5,000	\$0	\$0	\$5,000	\$2,083	\$2,917
	As-Needed Activities Groundwater Assessment Report	\$0	\$0	\$0	\$0	\$0	\$0
	OU-1 Operations Assistance	\$17,000	\$700	\$0	\$17,735	\$7,390	\$10,345
	Landfill Inspection and Maintenance Assistance	\$0	\$0	\$0	\$0	\$0	\$0
	Groundwater Modeling	\$0	\$0	\$0	\$0	\$0	\$0
	SEM Report (remaining reports will be under Task 4.2)	\$0	\$0	\$0	\$0	\$0	\$0
Task 3	Superfund Site Delisting Pathway -- Planning	\$0	\$0	\$0	\$0	\$0	\$0
Task 4	Site Investigation Programs	\$99,750	\$5,250	\$42,000	\$147,000	\$32,500	\$114,500
Subtask 4.1	Soil Gas Sampling Program (Round 4)						
	Soil Gas Investigation - Work Plan	\$0	\$0	\$0	\$0	\$0	\$0
	Soil Gas Assistance - NEW TASK	\$21,000	\$0	\$0	\$21,000	\$21,000	\$0
	Pre-field Planning Activities	\$0	\$0	\$0	\$0	\$0	\$0
	Soil Gas Investigation - Field Activities - soil gas probes	\$20,750	\$5,000	\$40,000	\$68,000	\$0	\$68,000
	Soil Gas Investigation - Field Activities - passive gas survey (removed from scope per City direction on 2/9)	\$0	\$0	\$0	\$0	\$0	\$0
	Soil Gas Investigation - Report of Findings (Tech Memo)	\$35,000	\$0	\$0	\$35,000	\$0	\$35,000
Subtask 4.2	SEM Program						
	SEM Consulting	\$0	\$0	\$0	\$0	\$0	\$0
	SEM Reporting	\$23,000	\$0	\$0	\$23,000	\$11,500	\$11,500
Task 5	Project Management/Project Meetings	\$179,000	\$2,100	\$0	\$181,100	\$87,333	\$93,767
	Project Management	\$70,000	\$2,000	\$0	\$72,100	\$30,042	\$42,058
	Project Meetings	\$59,500	\$0	\$0	\$59,500	\$24,792	\$34,708
	Quarterly Progress Reports	\$34,000	\$0	\$0	\$34,000	\$17,000	\$17,000
	2025 Five Year Review	\$15,500	\$0	\$0	\$15,500	\$15,500	\$0
Task 6	Landfill Regrading/Control Systems Repair Design	\$34,475	\$525	\$0	\$35,000	\$35,000	\$0
Subtask 6.1	Design #1						
	Pre-Construction Services	\$0	\$0	\$0	\$0	\$0	\$0
	Bid Period Services	\$0	\$0	\$0	\$0	\$0	\$0
	Construction Period Services	\$31,500	\$0	\$0	\$31,500	\$31,500	\$0
	East OPCC (for 100% design)	\$0	\$0	\$0	\$0	\$0	\$0
	East Field Visits	\$2,975	\$500	\$0	\$3,500	\$3,500	\$0
	East Reporting (construction completion report for EPA)	\$0	\$0	\$0	\$0	\$0	\$0
Subtask 6.2	Design #2	\$0	\$0	\$0	\$0	\$0	\$0
TOTALS		\$469,225	\$9,920	\$94,000	\$575,800	\$254,316	\$321,484

Notes:

1. CDM Smith will complete the tasks listed in the table on a time and materials basis, not to exceed a total of \$575,800.
2. Labor costs will be billed at actual salary rates times a 3.05 multiplier.
3. Total includes 'Other Direct Costs' (ODCs) and 'Outside Professional' (OPs) charges billed with a 5% mark-up. Subtask break-down of ODCs and OPs does not show mark-up.

COMPENSATION

CDM Smith, Inc., will complete the Sixth Amendment scope of Services for a total fee not to exceed the values below:

Sixth Amendment Compensation

Task 1 – Performance Monitoring	\$158,755.00
Task 2 – Remedial Action Systems Operations Assistance	\$53,945.00
Task 3 – Site Delisting Discussions	\$0.00
Task 4 – Site Investigation Activities (OU-1)	\$147,000.00
Task 5 – Project Management/Project Meetings	\$181,100.00
Task 6 – Landfill Regrading Design Services	\$0.00
TOTAL PROFESSIONAL SERVICES FEE	\$575,800.00

Fifth Amendment Compensation

Task 1 – Performance Monitoring	\$135,948.00
Task 2 – Remedial Action Systems Operations Assistance	\$133,492.00
Task 3 – Site Delisting Discussions	\$0.00
Task 4 – Site Investigation Activities (OU-1)	\$38,572.00
Task 5 – Project Management/Project Meetings	\$90,725.00
Task 6 – Landfill Regrading Design Services	\$-14,939.00
TOTAL PROFESSIONAL SERVICES FEE	\$383,798.00

Fourth Amendment

Task 1 – Performance Monitoring	\$146,500.00
Task 2 – Remedial Action Systems Operations Assistance	\$190,690.00
Task 3 – Site Delisting Discussions	\$0.00
Task 4 – Site Investigation Activities (OU-1)	\$76,800.00
Task 5 – Project Management/Project Meetings	\$65,000.00
Task 6 – Landfill Regrading Design Services	\$47,500.00
TOTAL PROFESSIONAL SERVICES FEE	\$526,490.00

Third Amendment

Task 1 – Performance Monitoring	\$286,747.00
Task 2 – Remedial Action Systems Operations Assistance	\$79,940.00
Task 3 – Site Delisting Discussions	\$0.00
Task 4 – Site Investigation Activities (OU-1)	\$121,400.00
Task 5 – Project Management/Project Meetings	\$95,446.00
Task 6 – Landfill Regrading Design Services	\$61,220.00
TOTAL PROFESSIONAL SERVICES FEE	\$644,753.00

Second Amendment

Task 1 – Performance Monitoring	\$0.00
Task 2 – Remedial Action Systems Operations Assistance	\$0.00
Task 3 – Site Delisting Discussions	\$0.00
Task 4 – Site Investigation Activities (OU-1)	\$75,200.00
Task 5 – Project Management/Project Meetings	\$10,000.00
Task 6 – Landfill Regrading Design Services	\$0.00
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TOTAL PROFESSIONAL SERVICES FEE	\$85,200

First Amendment

Task 1 – Performance Monitoring	\$65,850.00
Task 2 – Remedial Action Systems Operations Assistance	\$61,230.00
Task 3 – Site Delisting Discussions	\$0.00
Task 4 – Site Investigation Activities (OU-1)	\$52,200.00
Task 5 – Project Management/Project Meetings	\$44,320.00
Task 6 – Landfill Regrading Design Services	\$7,000.00
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TOTAL PROFESSIONAL SERVICES FEE	\$230,600.00

Original Contract Amount

Task 1 – Performance Monitoring	\$56,160.00
Task 2 – Remedial Action Systems Operations Assistance	\$87,490.00
Task 3 – Site Delisting Discussions	\$0.00
Task 4 – Site Investigation Activities (OU-1)	\$51,570.00
Task 5 – Project Management/Project Meetings	\$62,870.00
Task 6 – Landfill Regrading Design Services	\$171,760.00
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TOTAL PROFESSIONAL SERVICES FEE	\$429,850.00

TOTAL AMENDED CONTRACT AMOUNT: \$2,876,491

SCHEDULE

Completion of Services January 31, 2027